

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/28/2023

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	32.90	29.83	29.21	28.22	27.98	29.32	33.51	37.16	39.49	43.06	39.50	40.14	41.27	42.08	43.12	42.52	51.52	49.70	45.38	41.80	40.11	38.45	36.65	33.17
24138	2.10	1.90	1.85	1.78	1.79	1.82	2.18	2.52	2.69	2.81	2.86	3.01	3.16	3.40	3.63	2.86	3.38	3.25	2.85	2.95	2.66	2.48	2.53	2.29
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
74TH STREET_GT_1	33.02	29.88	29.26	28.27	28.00	29.32	33.52	37.10	39.46	43.10	39.47	40.10	41.24	42.08	43.08	42.49	51.59	49.70	45.41	41.80	40.14	38.49	36.75	33.23
24260	2.22	1.95	1.90	1.84	1.81	1.82	2.19	2.46	2.66	2.84	2.82	2.97	3.13	3.40	3.59	2.83	3.45	3.25	2.88	2.96	2.69	2.52	2.63	2.35
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
74TH STREET_GT_2	33.02	29.88	29.26	28.27	28.00	29.32	33.52	37.10	39.46	43.10	39.47	40.10	41.24	42.08	43.08	42.49	51.59	49.70	45.41	41.80	40.14	38.49	36.75	33.23
24261	2.22	1.95	1.90	1.84	1.81	1.82	2.19	2.46	2.66	2.84	2.82	2.97	3.13	3.40	3.59	2.83	3.45	3.25	2.88	2.96	2.69	2.52	2.63	2.35
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
ADK HUDSON___FALLS	32.99	29.88	32.04	29.33	28.58	32.47	38.57	41.06	44.29	52.93	39.06	39.58	40.67	41.00	42.10	63.66	81.98	76.03	68.58	50.05	50.66	38.71	36.62	33.07
24011	2.19	1.95	1.82	1.73	1.79	1.90	2.13	2.42	2.62	2.70	2.42	2.45	2.55	2.32	2.61	2.02	2.29	2.31	2.35	2.64	2.69	2.73	2.49	2.19
	0.00	0.00	-4.21	-1.72	-0.89	-4.53	-7.68	-5.89	-7.18	-14.72	0.00	0.00	0.00	0.00	0.00	-32.43	-46.54	-40.21	-34.96	-12.63	-15.51	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.21	30.05	32.21	29.46	28.74	32.67	38.80	41.38	44.59	53.30	39.32	39.88	40.97	41.31	42.41	63.97	82.35	76.40	68.93	50.38	50.97	38.99	36.82	33.26
23798	2.40	2.12	1.98	1.86	1.94	2.08	2.33	2.72	2.90	3.02	2.67	2.75	2.86	2.63	2.92	2.22	2.49	2.55	2.57	2.92	2.95	3.02	2.70	2.38
	0.00	0.00	-4.23	-1.72	-0.89	-4.55	-7.71	-5.92	-7.20	-14.77	0.00	0.00	0.00	0.00	0.00	-32.54	-46.70	-40.35	-35.08	-12.67	-15.56	0.00	0.00	0.00
ADK S GLENS___FALLS	32.99	29.88	32.04	29.33	28.58	32.47	38.57	41.06	44.29	52.93	39.06	39.58	40.67	41.00	42.10	63.66	81.98	76.03	68.58	50.05	50.66	38.71	36.62	33.07
24028	2.19	1.95	1.82	1.73	1.79	1.90	2.13	2.42	2.62	2.70	2.42	2.45	2.55	2.32	2.61	2.02	2.29	2.31	2.35	2.64	2.69	2.73	2.49	2.19
	0.00	0.00	-4.21	-1.72	-0.89	-4.53	-7.68	-5.89	-7.18	-14.72	0.00	0.00	0.00	0.00	0.00	-32.43	-46.54	-40.21	-34.96	-12.63	-15.51	0.00	0.00	0.00
ADK_NYS___DAM	32.90	29.83	31.17	28.97	28.33	31.48	37.02	39.78	42.65	49.81	39.17	39.66	40.71	41.39	42.25	57.51	73.08	68.36	61.77	47.48	47.31	38.38	36.45	33.04
23527	2.10	1.90	1.77	1.71	1.71	1.80	2.04	2.29	2.38	2.45	2.53	2.53	2.59	2.71	2.76	2.19	2.45	2.48	2.35	2.54	2.37	2.41	2.32	2.16
	0.00	0.00	-3.39	-1.38	-0.72	-3.65	-6.22	-4.75	-5.78	-11.85	0.00	0.00	0.00	0.00	0.00	-26.10	-37.46	-32.37	-28.14	-10.17	-12.48	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.85	29.13	29.98	28.15	27.62	30.25	35.03	37.85	40.46	46.58	37.78	38.28	39.37	39.80	40.75	52.20	65.83	61.87	55.95	44.44	43.96	37.05	35.22	31.93
24190	1.05	1.20	1.12	1.11	1.11	1.15	1.01	1.11	1.10	1.10	1.14	1.15	1.26	1.12	1.26	1.02	1.16	1.14	1.00	1.11	1.01	1.08	1.09	1.05
	0.00	0.00	-2.85	-1.16	-0.60	-3.07	-5.27	-3.99	-4.86	-9.97	0.00	0.00	0.00	0.00	0.00	-21.96	-31.51	-27.23	-23.67	-8.55	-10.50	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.37	27.56	25.72	25.72	25.72	25.67	28.38	32.35	34.15	35.09	36.13	36.57	37.43	37.87	38.62	28.34	32.17	32.53	30.37	33.88	31.65	35.36	33.65	30.39
355683	-0.43	-0.36	-0.29	-0.16	-0.18	-0.36	-0.37	-0.39	-0.34	-0.43	-0.51	-0.56	-0.69	-0.81	-0.87	-0.88	-0.99	-0.97	-0.91	-0.90	-0.81	-0.61	-0.48	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.85	29.13	29.98	28.15	27.62	30.25	35.03	37.85	40.46	46.58	37.78	38.28	39.37	39.80	40.75	52.20	65.83	61.87	55.95	44.44	43.96	37.05	35.22	31.93
23571	1.05	1.20	1.12	1.11	1.11	1.15	1.01	1.11	1.10	1.10	1.14	1.15	1.26	1.12	1.26	1.02	1.16	1.14	1.00	1.11	1.01	1.08	1.09	1.05
	0.00	0.00	-2.85	-1.16	-0.60	-3.07	-5.27	-3.99	-4.86	-9.97	0.00	0.00	0.00	0.00	0.00	-21.96	-31.51	-27.23	-23.67	-8.55	-10.50	0.00	0.00	0.00
ALBANY___2	31.85	29.13	29.98	28.15	27.62	30.25	35.03	37.85	40.46	46.58	37.78	38.28	39.37	39.80	40.75	52.20	65.83	61.87	55.95	44.44	43.96	37.05	35.22	31.93
23572	1.05	1.20	1.12	1.11	1.11	1.15	1.01	1.11	1.10	1.10	1.14	1.15	1.26	1.12	1.26	1.02	1.16	1.14	1.00	1.11	1.01	1.08	1.09	1.05
	0.00	0.00	-2.85	-1.16	-0.60	-3.07	-5.27	-3.99	-4.86	-9.97	0.00	0.00	0.00	0.00	0.00	-21.96	-31.51	-27.23	-23.67	-8.55	-10.50	0.00	0.00	0.00
ALBANY___3	31.85	29.13	29.98	28.15	27.62	30.25	35.03	37.85	40.46	46.58	37.78	38.28	39.37	39.80	40.75	52.20	65.83	61.87	55.95	44.44	43.96	37.05	35.22	31.93
23573	1.05	1.20	1.12	1.11	1.11	1.15	1.01	1.11	1.10	1.10	1.14	1.15	1.26	1.12	1.26	1.02	1.16	1.14	1.00	1.11	1.01	1.08	1.09	1.05
	0.00	0.00	-2.85	-1.16	-0.60	-3.07	-5.27	-3.99	-4.86	-9.97	0.00	0.00	0.00	0.00	0.00	-21.96	-31.51	-27.23	-23.67	-8.55	-10.50	0.00	0.00	0.00

ALBANY___4 23574	31.85 1.05 0.00	29.13 1.20 0.00	29.98 1.12 -2.85	28.15 1.11 -1.16	27.62 1.11 -0.60	30.25 1.15 -3.07	35.03 1.01 -5.27	37.85 1.11 -3.99	40.46 1.10 -4.86	46.58 1.10 -9.97	37.78 1.14 0.00	38.28 1.15 0.00	39.37 1.26 0.00	39.80 1.12 0.00	40.75 1.26 0.00	52.20 1.02 -21.96	65.83 1.16 -31.51	61.87 1.14 -27.23	55.95 1.00 -23.67	44.44 1.11 -8.55	43.96 1.01 -10.50	37.05 1.08 0.00	35.22 1.09 0.00	31.93 1.05 0.00
ALBANY___LFGE 323615	32.34 1.54 0.00	29.38 1.45 0.00	30.59 1.33 -3.26	28.52 1.32 -1.33	27.91 1.32 -0.69	30.89 1.35 -3.51	36.04 1.30 -5.99	38.78 1.47 -4.56	41.53 1.48 -5.55	48.43 1.53 -11.38	38.22 1.57 0.00	38.73 1.60 0.00	39.83 1.72 0.00	40.42 1.74 0.00	41.23 1.74 0.00	55.67 1.37 -25.08	70.68 1.53 -35.99	66.12 1.51 -31.10	59.69 1.37 -27.04	46.08 1.53 -9.77	45.85 1.39 -11.99	37.45 1.48 0.00	35.52 1.40 0.00	32.24 1.36 0.00
ALCOA_PA_115KV_PL-6C 55860	30.65 -0.15 0.00	27.81 -0.11 0.00	25.96 -0.05 0.00	25.96 0.08 0.00	25.96 0.05 0.00	25.88 -0.16 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.35 -0.14 0.00	35.27 -0.25 0.00	36.35 -0.29 0.00	36.80 -0.33 0.00	37.62 -0.50 0.00	38.06 -0.62 0.00	38.74 -0.75 0.00	28.40 -0.82 0.00	32.23 -0.93 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	33.98 -0.80 0.00	31.74 -0.71 0.00	35.54 -0.43 0.00	33.92 -0.20 0.00	30.66 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	30.65 -0.15 0.00	27.81 -0.11 0.00	25.96 -0.05 0.00	25.96 0.08 0.00	25.96 0.05 0.00	25.88 -0.16 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.35 -0.14 0.00	35.27 -0.25 0.00	36.35 -0.29 0.00	36.80 -0.33 0.00	37.62 -0.50 0.00	38.06 -0.62 0.00	38.74 -0.75 0.00	28.40 -0.82 0.00	32.23 -0.93 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	33.98 -0.80 0.00	31.74 -0.71 0.00	35.54 -0.43 0.00	33.92 -0.20 0.00	30.66 -0.22 0.00
ALCOA___DSASP 323711	30.68 -0.12 0.00	27.81 -0.11 0.00	25.96 -0.05 0.00	25.96 0.08 0.00	25.96 0.05 0.00	25.88 -0.16 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.36 -0.14 0.00	35.38 -0.14 0.00	36.35 -0.29 0.00	36.72 -0.41 0.00	37.62 -0.50 0.00	38.06 -0.62 0.00	38.74 -0.75 0.00	28.40 -0.82 0.00	32.27 -0.89 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	33.98 -0.80 0.00	31.74 -0.71 0.00	35.50 -0.47 0.00	33.92 -0.20 0.00	30.67 -0.21 0.00
ALLEGHENY___COGEN 23514	31.79 0.99 0.00	28.85 0.92 0.00	26.92 0.68 -0.24	26.21 0.23 -0.10	26.29 0.34 -0.05	27.26 0.96 -0.26	29.73 0.52 -0.45	32.24 -0.82 -0.31	33.39 -1.48 -0.38	34.34 -1.99 -0.81	35.01 -1.61 0.02	35.77 -1.26 0.10	36.50 -1.41 0.20	36.05 -1.74 0.89	37.08 -1.58 0.83	30.35 -0.70 -1.83	35.06 -0.73 -2.63	35.51 -0.27 -2.27	33.60 0.34 -1.97	36.22 0.73 -0.71	34.11 0.78 -0.88	36.73 0.76 0.00	34.68 0.58 0.03	31.59 0.71 0.00
ALTAMONT_115KV_TB 2 55880	32.07 1.26 0.00	29.15 1.23 0.00	29.72 1.14 -2.56	28.04 1.11 -1.04	27.56 1.11 -0.54	29.94 1.15 -2.76	34.75 1.24 -4.76	37.68 1.34 -3.59	40.28 1.41 -4.37	45.94 1.46 -8.97	38.11 1.47 0.00	38.58 1.45 0.00	39.68 1.56 0.00	40.23 1.55 0.00	41.15 1.66 0.00	50.29 1.31 -19.76	63.03 1.53 -28.35	59.51 1.51 -24.50	53.95 1.38 -21.30	43.97 1.50 -7.69	43.30 1.40 -9.45	37.37 1.40 0.00	35.52 1.40 0.00	32.18 1.30 0.00
ALTONA_WT_PWR 323606	30.80 0.00 0.00	27.93 0.00 0.00	26.09 0.08 0.00	26.08 0.21 0.00	26.14 0.23 0.00	26.11 0.08 0.00	28.96 0.20 0.00	33.10 0.36 0.00	35.01 0.52 0.00	35.41 -0.11 0.00	36.39 -0.25 0.00	36.43 -0.71 0.00	37.16 -0.95 0.00	37.48 -1.20 0.00	38.34 -1.15 0.00	28.37 -0.85 0.00	32.17 -0.99 0.00	32.50 -1.00 0.00	30.34 -0.94 0.00	33.91 -0.87 0.00	32.13 -0.32 0.00	35.79 -0.18 0.00	33.99 -0.14 0.00	30.70 -0.18 0.00
AMERICAN_REF_FUEL 24010	29.48 -1.32 0.00	26.81 -1.12 0.00	24.97 -1.25 -0.21	24.13 -1.84 -0.09	24.24 -1.71 -0.04	25.30 -0.96 -0.23	27.43 -1.72 -0.40	30.85 -2.16 -0.27	32.17 -2.66 -0.33	33.63 -2.59 -0.71	34.78 -1.83 0.03	35.26 -1.74 0.12	35.97 -1.90 0.24	35.25 -2.36 1.07	36.16 -2.33 1.00	29.61 -1.23 -1.62	34.00 -1.49 -2.33	34.11 -1.41 -2.01	32.09 -0.94 -1.75	34.58 -0.84 -0.63	32.45 -0.78 -0.78	34.82 -1.15 0.00	32.80 -1.30 0.03	30.29 -0.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.83 0.03 0.00	27.95 0.03 0.00	26.12 -0.13 -0.24	25.28 -0.70 -0.10	25.46 -0.49 -0.05	26.50 0.21 -0.26	28.76 -0.46 -0.46	32.60 -0.46 -0.31	34.23 -0.66 -0.39	35.52 -0.82 -0.82	36.54 -0.07 0.03	36.98 -0.04 0.11	37.63 -0.26 0.22	36.95 -0.77 0.96	37.84 -0.75 0.90	31.32 0.23 -1.87	35.71 -0.13 -2.68	35.89 0.07 -2.32	33.85 0.56 -2.01	36.20 0.70 -0.73	34.00 0.65 -0.89	36.51 0.54 0.00	34.13 0.03 0.03	31.68 0.80 0.00
ARTHUR_KILL_GT_1 23520	32.68 1.88 0.00	29.99 2.07 0.00	29.40 2.03 -1.36	28.37 1.94 -0.55	28.11 1.92 -0.29	29.24 1.74 -1.46	33.13 1.81 -2.56	36.76 2.13 -1.89	39.02 2.31 -2.22	42.66 2.42 -4.73	39.05 2.42 0.01	39.72 2.60 0.01	40.92 2.82 0.01	41.61 2.94 0.01	42.68 3.20 0.01	42.22 2.57 -10.43	51.28 3.15 -14.97	49.35 2.91 -12.94	45.05 2.53 -11.25	41.55 2.71 -4.06	39.94 2.50 -4.98	38.16 2.19 0.01	36.47 2.35 0.01	33.23 2.35 0.00
ARTHUR_KILL_2 23512	32.62 1.82 0.00	29.91 1.98 0.00	29.32 1.95 -1.36	28.30 1.86 -0.55	28.03 1.84 -0.29	29.16 1.67 -1.46	33.05 1.73 -2.56	36.70 2.06 -1.89	38.92 2.21 -2.22	42.55 2.31 -4.73	38.95 2.31 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.49 2.82 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.15 3.02 -14.97	49.22 2.78 -12.94	44.93 2.41 -11.25	41.41 2.57 -4.06	39.81 2.37 -4.98	38.05 2.09 0.01	36.37 2.25 0.01	33.13 2.25 0.00
ARTHUR_KILL_3 23513	32.56 1.75 0.00	29.52 1.59 0.00	28.93 1.56 -1.36	27.93 1.50 -0.55	27.69 1.50 -0.29	29.00 1.51 -1.46	33.17 1.84 -2.57	36.71 2.06 -1.90	38.93 2.21 -2.22	42.56 2.31 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.57 3.08 0.00	42.11 2.45 -10.44	51.09 2.95 -14.98	49.23 2.78 -12.94	44.94 2.41 -11.25	41.28 2.43 -4.07	39.69 2.24 -4.99	38.02 2.05 0.00	36.28 2.15 0.00	32.80 1.92 0.00
ARTHUR_KILL_COGEN 323718	32.68 1.88 0.00	29.99 2.07 0.00	29.40 2.03 -1.36	28.37 1.94 -0.55	28.11 1.92 -0.29	29.24 1.74 -1.46	33.13 1.81 -2.56	36.76 2.13 -1.89	39.02 2.31 -2.22	42.66 2.42 -4.73	39.05 2.42 0.01	39.72 2.60 0.01	40.92 2.82 0.01	41.61 2.94 0.01	42.68 3.20 0.01	42.22 2.57 -10.43	51.28 3.15 -14.97	49.35 2.91 -12.94	45.05 2.53 -11.25	41.55 2.71 -4.06	39.94 2.50 -4.98	38.16 2.19 0.01	36.47 2.35 0.01	33.23 2.35 0.00
ASHOKAN____ 23654	31.73 0.92 0.00	29.38 1.45 0.00	28.75 0.73 -2.01	27.42 0.72 -0.82	27.03 0.70 -0.42	28.98 0.78 -2.16	33.58 1.06 -3.75	36.64 1.08 -2.81	39.06 1.14 -3.43	43.86 1.31 -7.03	38.40 1.76 0.00	38.88 1.75 0.00	39.90 1.79 0.00	40.54 1.86 0.00	41.07 1.58 0.00	45.52 0.82 -15.48	56.48 1.09 -22.22	53.88 1.17 -19.20	49.16 1.19 -16.70	42.13 1.32 -6.03	41.03 1.17 -7.41	37.59 1.62 0.00	35.69 1.57 0.00	32.30 1.42 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.19 1.69 -1.46	33.23 1.90 -2.57	36.73 2.10 -1.89	39.00 2.21 -2.30	42.52 2.28 -4.73	38.95 2.31 0.01	39.61 2.49 0.01	40.73 2.63 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.71 2.27 -4.98	37.98 2.01 0.01	36.48 2.35 0.00	33.23 2.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.19 1.69 -1.46	33.23 1.90 -2.57	36.73 2.10 -1.89	39.00 2.21 -2.30	42.52 2.28 -4.73	38.95 2.31 0.01	39.61 2.49 0.01	40.73 2.63 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.71 2.27 -4.98	37.98 2.01 0.01	36.48 2.35 0.00	33.23 2.35 0.00
ASTORIA_GT2_1 24094	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT2_2 24095	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT2_3 24096	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT2_4 24097	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT3_1 24098	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT3_2 24099	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT3_3 24100	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT3_4 24101	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT4_1 24102	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT4_2 24103	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT4_3 24104	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT4_4 24105	33.11 2.31 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.70 2.06 -1.90	39.01 2.21 -2.31	42.60 2.34 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.61 3.12 0.00	42.11 2.45 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	44.97 2.44 -11.25	41.31 2.47 -4.07	39.75 2.30 -4.99	38.02 2.05 0.00	36.55 2.42 0.00	33.23 2.35 0.00
ASTORIA_GT_1 23523	33.02 2.22 0.00	29.94 2.01 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.06 1.87 -0.29	29.24 1.74 -1.46	33.31 1.98 -2.57	36.83 2.19 -1.89	39.11 2.31 -2.30	42.63 2.38 -4.73	39.05 2.42 0.01	39.68 2.56 0.01	40.85 2.75 0.01	41.65 2.98 0.01	42.68 3.20 0.01	42.22 2.57 -10.43	51.29 3.15 -14.98	49.36 2.91 -12.94	45.06 2.53 -11.25	41.42 2.57 -4.07	39.81 2.37 -4.98	38.08 2.12 0.01	36.55 2.42 0.00	33.32 2.44 0.00

ASTORIA_GT_10 24110	32.93 2.13 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.84 2.19 -1.90	39.18 2.38 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.23 2.57 -10.44	51.32 3.18 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.88 2.43 -4.99	38.17 2.19 0.00	36.55 2.42 0.00	33.10 2.22 0.00
ASTORIA_GT_11 24225	32.93 2.13 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.84 2.19 -1.90	39.18 2.38 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.23 2.57 -10.44	51.32 3.18 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.88 2.43 -4.99	38.17 2.19 0.00	36.55 2.42 0.00	33.10 2.22 0.00
ASTORIA_GT_12 24226	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
ASTORIA_GT_13 24227	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
ASTORIA_GT_5 24106	33.02 2.22 0.00	29.94 2.01 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.06 1.87 -0.29	29.24 1.74 -1.46	33.31 1.98 -2.57	36.83 2.19 -1.89	39.11 2.31 -2.30	42.63 2.38 -4.73	39.05 2.42 0.01	39.68 2.56 0.01	40.85 2.75 0.01	41.65 2.98 0.01	42.68 3.20 0.01	42.22 2.57 -10.43	51.29 3.15 -14.98	49.36 2.91 -12.94	45.06 2.53 -11.25	41.42 2.57 -4.07	39.81 2.37 -4.98	38.08 2.12 0.01	36.55 2.42 0.00	33.32 2.44 0.00
ASTORIA_GT_7 24107	33.02 2.22 0.00	29.94 2.01 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.06 1.87 -0.29	29.24 1.74 -1.46	33.31 1.98 -2.57	36.83 2.19 -1.89	39.11 2.31 -2.30	42.63 2.38 -4.73	39.05 2.42 0.01	39.68 2.56 0.01	40.85 2.75 0.01	41.65 2.98 0.01	42.68 3.20 0.01	42.22 2.57 -10.43	51.29 3.15 -14.98	49.36 2.91 -12.94	45.06 2.53 -11.25	41.42 2.57 -4.07	39.81 2.37 -4.98	38.08 2.12 0.01	36.55 2.42 0.00	33.32 2.44 0.00
ASTORIA_GT_8 24108	33.14 2.34 0.00	29.94 2.01 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.06 1.87 -0.29	29.24 1.74 -1.46	33.31 1.98 -2.57	36.77 2.13 -1.90	39.08 2.28 -2.31	42.71 2.45 -4.74	39.06 2.42 0.00	39.69 2.56 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.69 3.20 0.00	42.20 2.54 -10.44	51.32 3.18 -14.98	49.36 2.91 -12.94	45.06 2.53 -11.25	41.38 2.54 -4.07	39.82 2.37 -4.99	38.09 2.12 0.00	36.62 2.49 0.00	33.29 2.41 0.00
ASTORIA___2 24149	32.99 2.19 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.76 2.13 -1.89	39.04 2.24 -2.30	42.55 2.31 -4.73	38.98 2.35 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.53 2.86 0.01	42.60 3.12 0.01	42.13 2.48 -10.43	51.22 3.08 -14.98	49.26 2.81 -12.94	45.00 2.47 -11.25	41.35 2.51 -4.07	39.75 2.30 -4.98	38.01 2.05 0.01	36.48 2.35 0.00	33.26 2.38 0.00
ASTORIA___3 23516	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
ASTORIA___4 23517	32.93 2.13 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.84 2.19 -1.90	39.18 2.38 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.23 2.57 -10.44	51.32 3.18 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.88 2.43 -4.99	38.17 2.19 0.00	36.55 2.42 0.00	33.10 2.22 0.00
ASTORIA___5 23518	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
AST_ENERGY_2_CC3 323677	32.68 1.88 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.80 1.61 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.87 2.23 -1.90	39.18 2.38 -2.31	42.70 2.45 -4.74	39.10 2.46 0.00	39.73 2.60 0.00	40.89 2.78 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.22 2.57 -10.44	51.19 3.05 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.17 2.19 0.00	36.41 2.29 0.00	32.95 2.07 0.00
AST_ENERGY_2_CC4 323678	32.68 1.88 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.80 1.61 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.87 2.23 -1.90	39.18 2.38 -2.31	42.70 2.45 -4.74	39.10 2.46 0.00	39.73 2.60 0.00	40.89 2.78 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.22 2.57 -10.44	51.19 3.05 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.17 2.19 0.00	36.41 2.29 0.00	32.95 2.07 0.00
ATHENS_STG_1 23668	32.19 1.39 0.00	29.18 1.26 0.00	28.64 1.20 -1.44	27.60 1.14 -0.58	27.35 1.14 -0.30	28.75 1.17 -1.55	32.84 1.35 -2.73	36.26 1.51 -2.01	38.49 1.55 -2.45	42.17 1.63 -5.02	38.22 1.57 0.00	38.76 1.63 0.00	39.83 1.72 0.00	40.50 1.82 0.00	41.39 1.90 0.00	41.82 1.55 -11.05	50.78 1.76 -15.86	48.92 1.71 -13.71	44.76 1.56 -11.92	40.75 1.67 -4.30	39.27 1.53 -5.29	37.45 1.48 0.00	35.62 1.50 0.00	32.27 1.39 0.00
ATHENS_STG_2 23670	32.19 1.39 0.00	29.18 1.26 0.00	28.64 1.20 -1.44	27.60 1.14 -0.58	27.35 1.14 -0.30	28.75 1.17 -1.55	32.84 1.35 -2.73	36.26 1.51 -2.01	38.49 1.55 -2.45	42.17 1.63 -5.02	38.22 1.57 0.00	38.76 1.63 0.00	39.83 1.72 0.00	40.50 1.82 0.00	41.39 1.90 0.00	41.82 1.55 -11.05	50.78 1.76 -15.86	48.92 1.71 -13.71	44.76 1.56 -11.92	40.75 1.67 -4.30	39.27 1.53 -5.29	37.45 1.48 0.00	35.62 1.50 0.00	32.27 1.39 0.00

ATHENS_STG_3 23677	32.19 1.39 0.00	29.18 1.26 0.00	28.64 1.20 -1.44	27.60 1.14 -0.58	27.35 1.14 -0.30	28.75 1.17 -1.55	32.84 1.35 -2.73	36.26 1.51 -2.01	38.49 1.55 -2.45	42.17 1.63 -5.02	38.22 1.57 0.00	38.76 1.63 0.00	39.83 1.72 0.00	40.50 1.82 0.00	41.39 1.90 0.00	41.82 1.55 -11.05	50.78 1.76 -15.86	48.92 1.71 -13.71	44.76 1.56 -11.92	40.75 1.67 -4.30	39.27 1.53 -5.29	37.45 1.48 0.00	35.62 1.50 0.00	32.27 1.39 0.00
AUBURN___LFG 323710	31.17 0.37 0.00	28.23 0.31 0.00	26.36 0.18 -0.17	26.00 0.05 -0.07	26.07 0.13 -0.04	26.50 0.29 -0.18	29.31 0.23 -0.32	33.38 0.39 -0.24	35.20 0.41 -0.30	36.34 0.21 -0.61	37.05 0.40 0.00	37.54 0.41 0.00	38.57 0.46 0.00	39.14 0.46 0.00	39.96 0.47 0.00	31.21 0.64 -1.35	35.61 0.56 -1.88	35.80 0.67 -1.63	33.38 0.69 -1.42	36.09 0.80 -0.51	33.83 0.75 -0.63	36.65 0.68 0.00	34.60 0.48 0.00	31.34 0.46 0.00
BABYLON_RES_REC 323704	50.81 3.05 -16.96	40.41 2.77 -9.72	33.56 2.58 -4.98	31.56 2.48 -3.20	29.80 2.49 -1.41	38.47 2.55 -9.89	37.03 2.93 -5.34	46.22 3.41 -10.07	46.93 3.69 -8.75	44.27 3.66 -5.09	45.53 3.66 -5.22	47.92 3.45 -7.33	50.56 3.50 -8.95	56.87 3.75 -14.44	65.96 3.91 -22.56	64.99 3.10 -32.67	71.17 3.65 -34.37	83.51 3.55 -46.46	71.94 3.25 -37.41	56.67 3.44 -18.45	55.23 3.18 -19.59	49.53 3.31 -10.25	45.84 3.58 -8.13	42.58 3.27 -8.42
BABYLON__69_KV_BK2 356345	51.27 3.51 -16.96	40.77 3.13 -9.72	33.95 2.97 -4.98	31.87 2.79 -3.20	30.11 2.80 -1.41	38.79 2.86 -9.89	37.41 3.31 -5.34	46.58 3.77 -10.07	47.41 4.17 -8.75	44.91 4.30 -5.09	46.15 4.29 -5.22	48.81 4.34 -7.33	51.52 4.46 -8.95	57.88 4.76 -14.44	66.95 4.90 -22.56	65.69 3.80 -32.68	74.19 4.44 -36.59	84.36 4.39 -46.46	75.12 4.00 -39.84	59.57 4.35 -20.44	56.20 4.15 -19.59	50.36 4.14 -10.25	46.43 4.13 -8.18	43.04 3.74 -8.42
BARON_WINDS___WT_PWR 323822	30.83 0.03 0.00	27.98 0.06 0.00	26.22 -0.10 -0.31	25.51 -0.49 -0.13	25.58 -0.39 -0.07	26.50 0.13 -0.34	29.03 -0.32 -0.59	32.77 -0.39 -0.42	34.35 -0.66 -0.51	35.81 -0.78 -1.07	36.37 -0.25 0.02	36.91 -0.15 0.08	37.62 -0.34 0.15	37.56 -0.46 0.66	38.40 -0.47 0.62	31.91 0.29 -2.40	36.57 -0.03 -3.44	36.68 0.20 -2.98	34.49 0.63 -2.59	36.37 0.66 -0.93	34.22 0.62 -1.15	36.44 0.47 0.00	34.14 0.03 0.02	31.37 0.49 0.00
BARRETT_IC_1 23704	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_10 23701	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_11 23702	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_12 23703	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_2 23705	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_3 23706	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_4 23707	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_5 23708	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_6 23709	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_7 23710	50.38 2.62 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.49 2.68 -10.07	46.13 2.90 -8.74	43.55 2.95 -5.08	44.61 2.75 -5.22	47.32 2.86 -7.33	50.07 3.01 -8.95	56.25 3.13 -14.44	65.37 3.32 -22.56	64.52 2.63 -32.68	69.19 3.15 -32.88	83.01 3.05 -46.46	69.78 2.72 -35.78	54.67 2.78 -17.11	54.67 2.63 -19.58	48.81 2.59 -10.25	44.97 2.93 -7.91	41.95 2.66 -8.42

BARRETT_IC_8 23711	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT_IC_9 23700	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT___1 23545	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BARRETT___2 23546	50.32 2.56 -16.96	39.99 2.35 -9.72	33.20 2.21 -4.98	31.20 2.12 -3.20	29.41 2.10 -1.41	38.08 2.16 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.13 2.90 -8.74	43.48 2.88 -5.08	44.61 2.75 -5.22	47.36 2.90 -7.33	50.07 3.01 -8.95	56.29 3.17 -14.44	65.36 3.32 -22.55	64.54 2.66 -32.66	69.15 3.12 -32.87	82.97 3.02 -46.45	69.77 2.72 -35.77	54.70 2.82 -17.11	54.70 2.66 -19.58	48.81 2.59 -10.25	44.93 2.90 -7.91	41.95 2.66 -8.42
BATAVIA___115KV_TB1 55881	30.77 -0.03 0.00	27.90 -0.03 0.00	25.92 -0.29 -0.19	25.10 -0.85 -0.08	25.19 -0.75 -0.04	26.24 0.00 -0.21	28.58 -0.55 -0.37	32.22 -0.75 -0.23	33.68 -1.10 -0.29	35.08 -1.07 -0.63	36.36 -0.26 0.03	36.78 -0.22 0.13	37.67 -0.19 0.25	37.14 -0.43 1.12	37.77 -0.67 1.05	30.67 0.00 -1.46	35.20 -0.10 -2.13	35.32 -0.03 -1.85	33.26 0.38 -1.60	35.95 0.59 -0.58	33.75 0.58 -0.71	36.40 0.43 0.00	34.12 0.03 0.03	31.41 0.52 0.00
BAYONEEC___CTG1 323682	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG10 323750	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG2 323683	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG3 323684	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG4 323685	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG5 323686	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG6 323687	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG7 323688	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG8 323689	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00
BAYONEEC___CTG9 323749	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.14 2.49 0.00	39.77 2.64 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.09 2.57 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.41 2.29 0.00	32.95 2.07 0.00

BEACON___LESR 323632	32.59 1.79 0.00	29.54 1.62 0.00	30.37 1.48 -2.88	28.47 1.42 -1.17	27.94 1.42 -0.61	30.67 1.54 -3.10	35.59 1.52 -5.31	38.50 1.73 -4.03	41.19 1.79 -4.90	47.42 1.85 -10.05	38.55 1.90 0.00	39.06 1.93 0.00	40.13 2.02 0.00	40.65 1.97 0.00	41.46 1.97 0.00	52.88 1.52 -22.15	66.64 1.69 -31.79	62.68 1.71 -27.47	56.75 1.59 -23.88	45.18 1.77 -8.63	44.64 1.59 -10.59	37.66 1.69 0.00	35.73 1.60 0.00	32.42 1.54 0.00
BEAVER RIVER___HYD 24048	30.71 -0.09 0.00	27.84 -0.08 0.00	25.88 -0.13 0.00	25.78 -0.10 0.00	25.78 -0.13 0.00	25.78 -0.26 0.00	28.56 -0.20 -0.01	32.55 -0.20 0.00	34.18 -0.31 0.00	35.16 -0.36 0.00	36.21 -0.44 0.00	36.76 -0.37 0.00	37.77 -0.34 0.00	38.14 -0.54 0.00	38.66 -0.83 0.00	28.51 -0.70 0.00	32.46 -0.70 0.00	32.97 -0.54 0.00	30.90 -0.37 0.00	34.54 -0.24 0.00	32.23 -0.23 0.00	35.83 -0.14 0.00	34.02 -0.10 0.00	30.70 -0.18 0.00
BEEBEE_GT_13 23619	30.59 -0.22 0.00	27.67 -0.25 0.00	25.81 -0.36 -0.16	25.19 -0.75 -0.07	25.24 -0.70 -0.03	26.03 -0.18 -0.17	28.54 -0.52 -0.30	32.40 -0.52 -0.18	33.86 -0.86 -0.23	35.31 -0.71 -0.50	36.39 -0.22 0.03	36.84 -0.15 0.14	37.72 -0.11 0.28	37.22 -0.23 1.23	38.06 -0.28 1.15	30.40 0.00 -1.19	34.83 -0.10 -1.76	34.96 -0.07 -1.53	32.79 0.19 -1.33	35.54 0.28 -0.48	33.31 0.26 -0.59	36.12 0.14 0.00	33.99 -0.10 0.04	31.04 0.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.24 2.43 0.00	30.08 2.15 0.00	29.45 2.08 -1.36	28.42 1.99 -0.55	28.19 1.99 -0.29	29.37 1.87 -1.46	33.46 2.13 -2.57	37.07 2.42 -1.90	39.46 2.66 -2.31	43.13 2.88 -4.74	39.47 2.82 0.00	40.14 3.01 0.00	41.35 3.24 0.00	42.12 3.44 0.00	43.12 3.63 0.00	42.55 2.89 -10.44	51.69 3.55 -14.98	49.77 3.32 -12.94	45.41 2.88 -11.25	41.80 2.96 -4.07	40.27 2.82 -4.99	38.53 2.55 0.00	36.89 2.76 0.00	33.41 2.53 0.00
BETHLEHEM___GRP 23843	31.85 1.05 0.00	29.13 1.20 0.00	29.98 1.12 -2.85	28.15 1.11 -1.16	27.62 1.11 -0.60	30.25 1.15 -3.07	35.03 1.01 -5.27	37.85 1.11 -3.99	40.46 1.10 -4.86	46.58 1.10 -9.97	37.78 1.14 0.00	38.28 1.15 0.00	39.37 1.26 0.00	39.80 1.12 0.00	40.75 1.26 0.00	52.20 1.02 -21.96	65.83 1.16 -31.51	61.87 1.14 -27.23	55.95 1.00 -23.67	44.44 1.11 -8.55	43.96 1.01 -10.50	37.05 1.08 0.00	35.22 1.09 0.00	31.93 1.05 0.00
BETHLEHEM___GS1 323560	32.10 1.29 0.00	29.13 1.20 0.00	29.98 1.12 -2.85	28.15 1.11 -1.16	27.62 1.11 -0.60	30.25 1.14 -3.07	35.03 1.01 -5.27	37.88 1.15 -3.99	40.45 1.10 -4.86	46.58 1.10 -9.96	37.78 1.14 0.00	38.32 1.19 0.00	39.37 1.26 0.00	39.95 1.27 0.00	40.75 1.26 0.00	52.16 0.99 -21.95	65.80 1.13 -31.51	61.84 1.10 -27.23	55.95 1.00 -23.67	44.44 1.11 -8.55	43.97 1.01 -10.50	37.05 1.08 0.00	35.18 1.06 0.00	31.93 1.05 0.00
BETHLEHEM___GS2 323561	32.10 1.29 0.00	29.13 1.20 0.00	29.98 1.12 -2.85	28.15 1.11 -1.16	27.62 1.11 -0.60	30.25 1.14 -3.07	35.03 1.01 -5.27	37.88 1.15 -3.99	40.45 1.10 -4.86	46.58 1.10 -9.96	37.78 1.14 0.00	38.32 1.19 0.00	39.37 1.26 0.00	39.95 1.27 0.00	40.75 1.26 0.00	52.16 0.99 -21.95	65.80 1.13 -31.51	61.84 1.10 -27.23	55.95 1.00 -23.67	44.44 1.11 -8.55	43.97 1.01 -10.50	37.05 1.08 0.00	35.18 1.06 0.00	31.93 1.05 0.00
BETHLEHEM___GS3 323562	32.10 1.29 0.00	29.13 1.20 0.00	29.98 1.12 -2.85	28.15 1.11 -1.16	27.62 1.11 -0.60	30.25 1.14 -3.07	35.03 1.01 -5.27	37.88 1.15 -3.99	40.45 1.10 -4.86	46.58 1.10 -9.96	37.78 1.14 0.00	38.32 1.19 0.00	39.37 1.26 0.00	39.95 1.27 0.00	40.75 1.26 0.00	52.16 0.99 -21.95	65.80 1.13 -31.51	61.84 1.10 -27.23	55.95 1.00 -23.67	44.44 1.11 -8.55	43.97 1.01 -10.50	37.05 1.08 0.00	35.18 1.06 0.00	31.93 1.05 0.00
BETHLEHEM___STEEL 23779	30.53 -0.28 0.00	27.62 -0.31 0.00	25.75 -0.49 -0.23	24.89 -1.09 -0.09	25.05 -0.91 -0.05	26.08 -0.21 -0.25	28.30 -0.89 -0.44	31.66 -1.38 -0.29	33.44 -1.41 -0.36	34.66 -1.63 -0.77	35.85 -0.77 0.03	36.20 -0.82 0.12	37.12 -0.76 0.23	36.72 -0.97 0.99	37.37 -1.18 0.93	30.98 0.00 -1.76	35.58 -0.13 -2.55	35.68 -0.03 -2.20	33.54 0.34 -1.92	35.92 0.45 -0.69	33.73 0.42 -0.85	36.15 0.18 0.00	33.86 -0.24 0.03	31.22 0.34 0.00
BETHLHEM_115KV_TB1 79974	31.88 1.08 0.00	29.15 1.23 0.00	29.94 1.14 -2.78	28.12 1.11 -1.13	27.61 1.11 -0.59	30.18 1.15 -2.99	34.97 1.06 -5.14	37.78 1.15 -3.89	40.41 1.17 -4.74	46.41 1.17 -9.72	37.85 1.21 0.00	38.36 1.23 0.00	39.45 1.33 0.00	39.88 1.20 0.00	40.83 1.34 0.00	51.72 1.08 -21.42	65.12 1.23 -30.74	61.27 1.21 -26.56	55.46 1.09 -23.09	44.30 1.18 -8.34	43.77 1.07 -10.24	37.12 1.15 0.00	35.28 1.16 0.00	31.99 1.11 0.00
BETHPAGE_CC_5 323564	50.47 2.71 -16.96	40.16 2.51 -9.72	33.33 2.34 -4.98	31.36 2.28 -3.20	29.59 2.28 -1.41	38.24 2.32 -9.89	36.77 2.67 -5.34	45.86 3.05 -10.07	46.55 3.31 -8.75	43.95 3.34 -5.09	45.20 3.33 -5.22	47.88 3.41 -7.33	50.64 3.58 -8.95	56.91 3.79 -14.44	66.08 4.03 -22.56	65.07 3.18 -32.67	70.46 3.71 -33.59	83.62 3.65 -46.46	71.11 3.28 -36.55	56.01 3.48 -17.75	55.23 3.18 -19.59	49.39 3.17 -10.25	45.32 3.17 -8.02	42.24 2.94 -8.42
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.59 -0.22 0.00	27.65 -0.28 0.00	25.80 -0.44 -0.23	24.94 -1.04 -0.09	25.07 -0.88 -0.05	26.13 -0.16 -0.25	28.34 -0.86 -0.44	31.67 -1.38 -0.30	33.55 -1.31 -0.37	34.67 -1.63 -0.78	35.88 -0.73 0.03	36.24 -0.78 0.11	37.13 -0.76 0.22	36.77 -0.93 0.98	37.38 -1.18 0.92	31.09 0.09 -1.79	35.75 0.00 -2.59	35.84 0.10 -2.24	33.66 0.44 -1.94	36.04 0.56 -0.70	33.81 0.49 -0.86	36.22 0.25 0.00	33.96 -0.14 0.03	31.31 0.43 0.00
BINGHAMTON___COGEN 23790	31.14 0.34 0.00	28.23 0.31 0.00	26.70 0.21 -0.48	26.07 0.00 -0.20	26.08 0.08 -0.10	26.84 0.29 -0.52	29.86 0.20 -0.91	33.54 0.13 -0.67	35.52 0.21 -0.82	37.34 0.14 -1.68	37.04 0.40 0.01	37.51 0.41 0.03	38.47 0.42 0.06	38.91 0.50 0.27	39.63 0.39 0.25	33.61 0.67 -3.72	39.20 0.73 -5.31	38.87 0.77 -4.59	36.08 0.81 -3.99	37.09 0.87 -1.44	35.01 0.78 -1.77	36.65 0.68 0.00	34.59 0.48 0.01	31.41 0.52 0.00
BIXINCNT_115KV_LOAD 355685	30.53 -0.28 0.00	27.53 -0.39 0.00	25.74 -0.52 -0.25	24.89 -1.09 -0.10	25.08 -0.88 -0.05	26.12 -0.18 -0.27	28.37 -0.86 -0.47	31.49 -1.57 -0.32	33.72 -1.17 -0.40	34.62 -1.74 -0.84	35.81 -0.81 0.03	36.13 -0.89 0.11	36.95 -0.95 0.21	36.64 -1.12 0.92	37.16 -1.46 0.87	31.25 0.12 -1.91	35.99 0.07 -2.76	36.06 0.17 -2.38	33.82 0.47 -2.07	36.15 0.63 -0.75	33.96 0.58 -0.92	36.33 0.36 0.00	34.03 -0.07 0.03	31.31 0.43 0.00
BLACK RIVER___HYD 24047	30.71 -0.09 0.00	27.84 -0.08 0.00	25.85 -0.16 0.00	25.70 -0.18 0.00	25.72 -0.18 0.00	25.75 -0.29 0.00	28.51 -0.26 -0.01	32.46 -0.30 -0.01	34.05 -0.45 -0.01	35.03 -0.50 -0.01	36.14 -0.51 -0.01	36.79 -0.37 -0.03	37.82 -0.34 -0.06	38.38 -0.54 -0.24	38.89 -0.83 -0.23	28.57 -0.64 0.00	32.53 -0.63 0.00	33.10 -0.40 0.00	31.12 -0.16 0.00	34.85 0.07 0.00	32.49 0.03 0.00	36.01 0.04 0.00	34.00 -0.14 -0.01	30.67 -0.21 0.00

BLACKRVR_115KV_TB2 79977	30.71 -0.09 0.00	27.84 -0.08 0.00	25.85 -0.16 0.00	25.70 -0.18 0.00	25.72 -0.18 0.00	25.75 -0.29 0.00	28.51 -0.26 -0.01	32.52 -0.23 -0.01	34.05 -0.45 -0.01	34.99 -0.53 -0.01	36.14 -0.51 -0.01	36.79 -0.37 -0.03	37.82 -0.34 -0.05	38.41 -0.50 -0.24	38.85 -0.87 -0.22	28.51 -0.70 0.00	32.46 -0.70 0.00	33.04 -0.47 0.00	31.09 -0.19 0.00	34.78 0.00 0.00	32.43 -0.03 0.00	35.94 -0.04 0.00	33.96 -0.17 -0.01	30.66 -0.22 0.00
BLISS_WT_PWR 323608	30.34 -0.46 0.00	27.45 -0.47 0.00	25.71 -0.55 -0.25	24.84 -1.14 -0.10	25.03 -0.93 -0.05	26.09 -0.21 -0.27	28.16 -1.06 -0.47	32.02 -1.05 -0.32	33.51 -1.38 -0.40	34.51 -1.85 -0.84	35.59 -1.03 0.03	36.10 -0.93 0.11	36.61 -1.30 0.21	36.09 -1.66 0.93	36.92 -1.70 0.87	30.95 -0.17 -1.91	35.10 -0.80 -2.74	35.44 -0.44 -2.37	33.56 0.22 -2.06	35.87 0.35 -0.74	33.73 0.36 -0.91	36.08 0.11 0.00	33.48 -0.61 0.03	31.25 0.37 0.00
BLUE_CIRC_CHEM_DRP 24182	32.25 1.45 0.00	29.38 1.45 0.00	29.82 1.35 -2.46	28.17 1.29 -1.00	27.72 1.30 -0.52	30.03 1.35 -2.64	34.70 1.38 -4.56	37.66 1.47 -3.44	40.23 1.55 -4.19	45.67 1.56 -8.59	38.22 1.58 0.00	38.69 1.56 0.00	39.75 1.64 0.00	40.27 1.59 0.00	41.23 1.74 0.00	49.48 1.34 -18.92	61.80 1.49 -27.14	58.47 1.51 -23.46	53.08 1.41 -20.39	43.71 1.57 -7.37	42.93 1.43 -9.04	37.48 1.51 0.00	35.63 1.50 0.00	32.30 1.42 0.00
BOC_GAS_DRP 24189	31.97 1.17 0.00	29.07 1.14 0.00	29.47 1.07 -2.39	27.89 1.04 -0.98	27.45 1.04 -0.51	29.68 1.07 -2.58	34.34 1.12 -4.46	37.31 1.21 -3.35	39.85 1.28 -4.08	45.23 1.35 -8.37	37.96 1.32 0.00	38.47 1.34 0.00	39.52 1.41 0.00	40.11 1.43 0.00	41.03 1.54 0.00	48.88 1.23 -18.44	61.01 1.39 -26.45	57.74 1.37 -22.86	52.40 1.25 -19.87	43.32 1.36 -7.18	42.51 1.23 -8.82	37.19 1.22 0.00	35.39 1.26 0.00	32.05 1.17 0.00
BOONVILLE_115KV_TB1 79983	31.33 0.52 0.00	28.37 0.45 0.00	26.37 0.36 0.00	26.22 0.34 0.00	26.27 0.36 0.00	26.35 0.31 0.00	29.17 0.40 -0.01	33.37 0.62 0.00	35.08 0.59 0.00	36.30 0.78 0.00	37.49 0.84 0.00	37.99 0.85 0.00	39.03 0.91 0.00	39.57 0.89 0.00	40.04 0.55 0.00	29.68 0.47 0.00	33.72 0.56 0.00	34.18 0.67 0.00	31.96 0.69 0.00	35.58 0.80 0.00	33.17 0.71 0.00	36.69 0.72 0.00	34.67 0.55 0.00	31.31 0.43 0.00
BORALEX_4TH_BRANCH 23824	32.90 2.10 0.00	29.83 1.90 0.00	31.17 1.77 -3.39	28.97 1.71 -1.38	28.33 1.71 -0.72	31.48 1.80 -3.65	37.02 2.04 -6.22	39.78 2.29 -4.75	42.65 2.38 -5.78	49.81 2.45 -11.85	39.17 2.53 0.00	39.66 2.53 0.00	40.71 2.59 0.00	41.39 2.71 0.00	42.25 2.76 0.00	57.51 2.19 -26.10	73.08 2.45 -37.46	68.36 2.48 -32.37	61.77 2.35 -28.14	47.48 2.54 -10.17	47.31 2.37 -12.48	38.38 2.41 0.00	36.45 2.32 0.00	33.04 2.16 0.00
BOWLINE___1 23526	32.53 1.72 0.00	29.49 1.56 0.00	28.80 1.48 -1.30	27.86 1.45 -0.53	27.60 1.42 -0.28	28.92 1.48 -1.40	32.99 1.75 -2.47	36.53 1.96 -1.83	38.82 2.10 -2.22	42.28 2.20 -4.56	38.92 2.27 0.00	39.54 2.41 0.00	40.63 2.51 0.00	41.43 2.75 0.00	42.41 2.92 0.00	41.62 2.37 -10.04	50.32 2.75 -14.41	48.64 2.68 -12.45	44.48 2.38 -10.83	41.09 2.40 -3.91	39.44 2.17 -4.80	38.02 2.05 0.00	36.17 2.05 0.00	32.73 1.85 0.00
BOWLINE___2 23595	32.53 1.72 0.00	29.49 1.56 0.00	28.80 1.48 -1.30	27.86 1.45 -0.53	27.60 1.42 -0.28	28.92 1.48 -1.40	32.99 1.75 -2.48	36.53 1.96 -1.83	38.82 2.10 -2.22	42.28 2.20 -4.56	38.92 2.27 0.00	39.54 2.41 0.00	40.67 2.55 0.00	41.43 2.75 0.00	42.41 2.92 0.00	41.62 2.37 -10.04	50.33 2.75 -14.41	48.64 2.68 -12.46	44.48 2.38 -10.83	41.09 2.40 -3.91	39.47 2.21 -4.80	38.02 2.05 0.00	36.17 2.05 0.00	32.73 1.85 0.00
BRADY___115KV_TB2 356060	30.90 0.09 0.00	28.04 0.11 0.00	26.17 0.16 0.00	26.16 0.28 0.00	26.16 0.26 0.00	26.04 0.00 0.00	28.84 0.09 0.00	32.84 0.10 0.00	34.63 0.14 0.00	35.55 0.04 0.00	36.61 -0.04 0.00	37.09 -0.04 0.00	37.96 -0.15 0.00	38.29 -0.39 0.00	38.94 -0.55 0.00	28.49 -0.73 0.00	32.33 -0.83 0.00	32.73 -0.77 0.00	30.56 -0.72 0.00	34.19 -0.59 0.00	31.94 -0.52 0.00	35.79 -0.18 0.00	34.19 0.07 0.00	30.85 -0.03 0.00
BRANSCOMB___SOLAR 323811	32.84 2.03 0.00	29.74 1.81 0.00	31.78 1.69 -4.09	29.15 1.61 -1.66	28.43 1.66 -0.86	32.18 1.74 -4.40	38.14 1.93 -7.46	40.59 2.13 -5.72	43.66 2.21 -6.96	52.10 2.31 -14.28	38.80 2.16 0.00	39.32 2.19 0.00	40.40 2.29 0.00	40.96 2.28 0.00	41.90 2.41 0.00	62.55 1.87 -31.46	80.44 2.12 -45.15	74.70 2.18 -39.02	67.33 2.13 -33.92	49.43 2.40 -12.25	49.84 2.34 -15.05	38.38 2.41 0.00	36.34 2.22 0.00	32.89 2.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.15 3.39 -16.96	40.63 2.99 -9.72	33.82 2.84 -4.98	31.74 2.67 -3.20	29.98 2.67 -1.41	38.68 2.76 -9.89	37.26 3.16 -5.34	46.45 3.63 -10.07	47.28 4.04 -8.75	44.73 4.12 -5.09	45.93 4.07 -5.22	48.59 4.12 -7.33	51.29 4.23 -8.95	57.68 4.56 -14.44	66.59 4.54 -22.56	65.34 3.45 -32.68	73.90 4.08 -36.66	83.95 3.99 -46.46	74.83 3.63 -39.92	59.25 3.96 -20.50	56.01 3.96 -19.59	50.14 3.92 -10.25	46.24 3.89 -8.22	42.89 3.58 -8.43
BRISTLHL_115KV_TB1 79998	30.22 -0.59 0.00	27.37 -0.56 0.00	25.46 -0.55 0.00	25.21 -0.67 0.00	25.26 -0.65 0.00	25.52 -0.52 0.00	28.14 -0.63 -0.01	32.05 -0.72 -0.02	33.69 -0.83 -0.02	34.72 -0.82 -0.02	35.93 -0.73 -0.02	36.49 -0.74 -0.10	37.58 -0.72 -0.19	38.77 -0.73 -0.82	39.40 -0.87 -0.77	28.69 -0.53 0.00	32.56 -0.60 0.00	32.94 -0.57 0.00	30.81 -0.47 0.00	34.29 -0.49 0.00	32.00 -0.45 0.00	35.32 -0.65 0.00	33.43 -0.72 -0.03	30.32 -0.56 0.00
BROOKHAVEN___DRP 24191	51.27 3.51 -16.96	40.74 3.10 -9.72	33.95 2.97 -4.98	31.87 2.79 -3.20	30.11 2.80 -1.41	38.79 2.86 -9.89	37.41 3.31 -5.34	46.58 3.77 -10.07	47.45 4.21 -8.75	44.84 4.23 -5.09	46.08 4.21 -5.22	48.77 4.31 -7.33	51.44 4.38 -8.95	57.80 4.68 -14.44	67.03 4.98 -22.56	65.82 3.91 -32.69	86.95 4.51 -49.28	84.40 4.42 -46.47	89.01 4.00 -53.73	71.03 4.45 -31.80	56.20 4.15 -19.59	50.36 4.14 -10.25	47.18 4.13 -8.93	43.07 3.77 -8.42
BROOKLYN_NAVY_YARD 23515	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.80 1.61 -0.29	29.14 1.64 -1.46	33.31 1.98 -2.57	36.93 2.29 -1.90	39.22 2.41 -2.31	42.78 2.52 -4.74	39.10 2.46 0.00	39.73 2.60 0.00	40.89 2.78 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.22 2.57 -10.44	51.22 3.08 -14.98	49.36 2.91 -12.94	45.12 2.59 -11.25	41.49 2.64 -4.07	39.85 2.40 -4.99	38.17 2.19 0.00	36.45 2.32 0.00	32.98 2.10 0.00
BROOKLYN___ARMY_DRP 323595	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00



BROOKVLE_69_KV_TB1 55790	50.32 2.56 -16.96	39.90 2.26 -9.72	33.14 2.16 -4.98	31.23 2.15 -3.20	29.46 2.15 -1.41	38.11 2.19 -9.89	36.66 2.56 -5.34	45.59 2.78 -10.07	46.27 3.04 -8.74	43.80 3.20 -5.09	45.09 3.22 -5.22	47.84 3.38 -7.33	50.64 3.58 -8.95	56.95 3.83 -14.44	66.08 4.03 -22.56	65.08 3.18 -32.68	69.98 3.75 -33.08	83.58 3.62 -46.46	70.53 3.25 -36.00	55.44 3.37 -17.29	55.13 3.08 -19.58	49.24 3.02 -10.25	45.10 3.04 -7.94	41.99 2.69 -8.42
BROOME_2_LFGE 323671	31.11 0.31 0.00	28.23 0.31 0.00	26.70 0.21 -0.48	26.10 0.03 -0.20	26.08 0.08 -0.10	26.84 0.29 -0.52	29.84 0.17 -0.90	33.64 0.23 -0.66	35.48 0.17 -0.81	37.33 0.14 -1.67	37.00 0.37 0.01	37.51 0.41 0.03	38.43 0.38 0.06	38.79 0.39 0.27	39.63 0.39 0.26	33.56 0.64 -3.70	39.03 0.56 -5.31	38.76 0.67 -4.59	36.05 0.78 -3.99	37.05 0.83 -1.44	34.97 0.75 -1.77	36.62 0.65 0.00	34.53 0.41 0.01	31.41 0.52 0.00
BROOME___LFGE 323600	31.11 0.31 0.00	28.23 0.31 0.00	26.70 0.21 -0.48	26.10 0.03 -0.20	26.08 0.08 -0.10	26.84 0.29 -0.52	29.84 0.17 -0.90	33.64 0.23 -0.66	35.48 0.17 -0.81	37.33 0.14 -1.67	37.00 0.37 0.01	37.51 0.41 0.03	38.43 0.38 0.06	38.79 0.39 0.27	39.63 0.39 0.26	33.56 0.64 -3.70	39.03 0.56 -5.31	38.76 0.67 -4.59	36.05 0.78 -3.99	37.05 0.83 -1.44	34.97 0.75 -1.77	36.62 0.65 0.00	34.53 0.41 0.01	31.41 0.52 0.00
BROWNFLS_115KV_TB_3_5 80003	30.59 -0.22 0.00	27.73 -0.20 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.77 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.02 -0.50 0.00	36.09 -0.55 0.00	36.61 -0.52 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.35 -1.15 0.00	28.13 -1.08 0.00	31.97 -1.19 0.00	32.43 -1.07 0.00	30.37 -0.91 0.00	33.95 -0.83 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
BROWNSV1_27_KV_LOAD 356125	33.08 2.28 0.00	29.91 1.98 0.00	29.29 1.92 -1.36	28.29 1.86 -0.55	28.03 1.84 -0.29	29.37 1.87 -1.46	33.57 2.24 -2.57	37.16 2.52 -1.90	39.53 2.72 -2.31	43.17 2.91 -4.74	39.50 2.86 0.00	40.14 3.01 0.00	41.31 3.20 0.00	42.16 3.48 0.00	43.16 3.67 0.00	42.55 2.89 -10.44	51.65 3.51 -14.98	49.80 3.35 -12.94	45.47 2.94 -11.25	41.87 3.03 -4.07	40.24 2.79 -4.99	38.60 2.63 0.00	36.85 2.73 0.00	33.29 2.41 0.00
BURROWS___LYONSDAL 23803	31.14 0.34 0.00	28.23 0.31 0.00	26.24 0.23 0.00	26.09 0.21 0.00	26.11 0.21 0.00	26.19 0.16 0.00	28.99 0.23 -0.01	33.14 0.39 0.00	34.84 0.34 0.00	35.98 0.46 0.00	37.16 0.51 0.00	37.65 0.52 0.00	38.68 0.57 0.00	39.22 0.54 0.00	39.69 0.20 0.00	29.36 0.15 0.00	33.39 0.23 0.00	33.84 0.34 0.00	31.68 0.41 0.00	35.30 0.52 0.00	32.91 0.45 0.00	36.44 0.47 0.00	34.47 0.34 0.00	31.13 0.25 0.00
CAITHNESS_CC_1 323624	51.06 3.30 -16.96	40.60 2.96 -9.72	33.80 2.81 -4.98	31.77 2.69 -3.20	30.01 2.69 -1.41	38.68 2.76 -9.89	37.29 3.19 -5.34	46.48 3.67 -10.07	47.31 4.07 -8.75	44.62 4.01 -5.09	45.90 4.03 -5.22	48.62 4.16 -7.33	51.25 4.19 -8.95	57.53 4.41 -14.44	66.79 4.74 -22.56	65.61 3.71 -32.68	86.66 4.31 -49.19	84.23 4.26 -46.47	88.78 3.88 -53.63	70.71 4.21 -31.73	55.94 3.89 -19.59	50.14 3.92 -10.25	48.36 3.89 -10.35	42.89 3.58 -8.42
CALPINE BETH_PAGE_GT4 24209	50.59 2.83 -16.96	40.15 2.51 -9.72	33.40 2.42 -4.98	31.38 2.30 -3.20	29.62 2.31 -1.41	38.26 2.34 -9.89	36.80 2.70 -5.34	45.86 3.05 -10.07	46.55 3.31 -8.75	44.05 3.45 -5.09	45.24 3.37 -5.22	47.96 3.49 -7.33	50.72 3.66 -8.95	57.03 3.91 -14.44	66.16 4.11 -22.56	65.14 3.24 -32.68	70.48 3.81 -33.51	83.68 3.72 -46.46	71.09 3.35 -36.47	56.01 3.55 -17.68	55.32 3.28 -19.59	49.46 3.24 -10.25	45.41 3.28 -8.01	42.27 2.96 -8.42
CALPINE_BETH_PAGE_GT_4 323586	50.53 2.77 -16.96	40.18 2.54 -9.72	33.35 2.37 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.27 2.34 -9.89	36.80 2.70 -5.34	45.92 3.11 -10.07	46.58 3.34 -8.75	43.98 3.38 -5.09	45.23 3.37 -5.22	47.95 3.49 -7.33	50.72 3.66 -8.95	56.99 3.87 -14.44	66.16 4.11 -22.56	65.13 3.24 -32.67	70.45 3.78 -33.51	83.65 3.69 -46.46	71.09 3.35 -36.47	55.97 3.51 -17.68	55.29 3.25 -19.59	49.46 3.24 -10.25	45.37 3.24 -8.01	42.27 2.96 -8.42
CALPINE_BP_GT1 23823	50.53 2.77 -16.96	40.18 2.54 -9.72	33.35 2.37 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.27 2.34 -9.89	36.80 2.70 -5.34	45.92 3.11 -10.07	46.58 3.34 -8.75	43.98 3.38 -5.09	45.23 3.37 -5.22	47.95 3.49 -7.33	50.72 3.66 -8.95	56.99 3.87 -14.44	66.16 4.11 -22.56	65.13 3.24 -32.67	70.45 3.78 -33.51	83.65 3.69 -46.46	71.09 3.35 -36.47	55.97 3.51 -17.68	55.29 3.25 -19.59	49.46 3.24 -10.25	45.37 3.24 -8.01	42.27 2.96 -8.42
CALSPAN___DRP 24200	30.53 -0.28 0.00	27.62 -0.31 0.00	25.75 -0.49 -0.23	24.89 -1.09 -0.09	25.05 -0.91 -0.05	26.08 -0.21 -0.25	28.30 -0.89 -0.44	31.66 -1.38 -0.29	33.44 -1.41 -0.36	34.66 -1.63 -0.77	35.85 -0.77 0.03	36.20 -0.82 0.12	37.12 -0.76 0.23	36.72 -0.97 0.99	37.37 -1.18 0.93	30.98 0.00 -1.76	35.58 -0.13 -2.55	35.68 -0.03 -2.20	33.54 0.34 -1.92	35.92 0.45 -0.69	33.73 0.42 -0.85	36.15 0.18 0.00	33.86 -0.24 0.03	31.22 0.34 0.00
CALVERTON___SOLAR 323806	51.36 3.60 -16.96	40.88 3.24 -9.72	34.05 3.07 -4.98	32.00 2.92 -3.20	30.24 2.93 -1.41	38.94 3.02 -9.89	37.55 3.45 -5.34	46.80 3.99 -10.07	47.69 4.45 -8.75	44.98 4.37 -5.09	46.30 4.43 -5.22	49.03 4.57 -7.33	51.67 4.61 -8.95	57.99 4.87 -14.44	67.30 5.25 -22.56	65.96 4.06 -32.68	87.22 4.74 -49.32	84.63 4.66 -46.47	89.33 4.29 -53.77	71.31 4.69 -31.84	56.36 4.32 -19.59	50.61 4.39 -10.25	48.79 4.30 -10.37	43.23 3.92 -8.42
CANDIGU_WT_PWR 323617	30.83 0.03 0.00	27.98 0.06 0.00	26.22 -0.10 -0.31	25.51 -0.49 -0.13	25.58 -0.39 -0.07	26.50 0.13 -0.34	29.03 -0.32 -0.59	32.77 -0.39 -0.42	34.35 -0.66 -0.51	35.81 -0.78 -1.07	36.37 -0.25 0.02	36.91 -0.15 0.08	37.62 -0.34 0.15	37.56 -0.46 0.66	38.40 -0.47 0.62	31.91 0.29 -2.40	36.57 -0.03 -3.44	36.68 0.20 -2.98	34.49 0.63 -2.59	36.37 0.66 -0.93	34.22 0.62 -1.15	36.44 0.47 0.00	34.14 0.03 0.02	31.37 0.49 0.00
CARR STREET_E_SYP 24060	30.43 -0.37 0.00	27.59 -0.33 0.00	25.65 -0.36 0.00	25.39 -0.49 0.00	25.44 -0.47 0.00	25.72 -0.31 0.00	28.37 -0.40 -0.02	32.27 -0.46 0.01	34.00 -0.48 0.01	34.97 -0.53 0.01	36.15 -0.48 0.01	36.59 -0.48 0.05	37.51 -0.50 0.11	37.71 -0.50 0.47	38.50 -0.55 0.44	28.95 -0.26 0.00	32.86 -0.30 0.00	33.20 -0.30 0.00	31.06 -0.22 0.00	34.54 -0.24 0.00	32.23 -0.23 0.00	35.58 -0.39 0.00	33.63 -0.48 0.01	30.48 -0.40 0.00
CARTHAGE___PAPER 23857	30.68 -0.12 0.00	27.81 -0.11 0.00	25.83 -0.18 0.00	25.72 -0.15 0.00	25.75 -0.15 0.00	25.75 -0.29 0.00	28.53 -0.23 -0.01	32.45 -0.30 -0.01	34.09 -0.41 0.00	35.03 -0.50 -0.01	36.06 -0.59 -0.01	36.67 -0.48 -0.02	37.70 -0.46 -0.04	38.25 -0.62 -0.19	38.77 -0.91 -0.18	28.43 -0.79 0.00	32.40 -0.76 0.00	32.94 -0.57 0.00	30.96 -0.31 0.00	34.64 -0.14 0.00	32.33 -0.13 0.00	35.90 -0.07 0.00	33.99 -0.14 -0.01	30.67 -0.21 0.00

CASSADAGA_WT_PWR 323784	30.96 0.15 0.00	28.07 0.14 0.00	26.23 -0.03 -0.24	25.41 -0.57 -0.10	25.59 -0.36 -0.05	26.64 0.34 -0.26	28.88 -0.34 -0.46	32.83 -0.23 -0.32	34.57 -0.31 -0.39	35.85 -0.50 -0.83	36.80 0.18 0.03	37.17 0.15 0.11	37.82 -0.08 0.22	37.07 -0.66 0.95	37.93 -0.67 0.89	31.45 0.35 -1.88	35.83 -0.03 -2.70	35.97 0.13 -2.33	33.96 0.66 -2.03	36.31 0.80 -0.73	34.07 0.71 -0.90	36.62 0.65 0.00	34.20 0.10 0.03	31.78 0.90 0.00
CE_DUNWOOD___DRP 24194	32.74 1.94 0.00	29.66 1.73 0.00	29.03 1.66 -1.35	28.03 1.60 -0.55	27.80 1.61 -0.29	29.13 1.64 -1.46	33.25 1.93 -2.57	36.80 2.16 -1.89	39.11 2.31 -2.30	42.73 2.49 -4.73	39.14 2.49 0.00	39.73 2.60 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.65 3.16 0.00	42.14 2.51 -10.41	51.09 2.98 -14.94	49.30 2.88 -12.91	45.07 2.56 -11.22	41.44 2.61 -4.05	39.84 2.40 -4.98	38.24 2.27 0.00	36.44 2.32 0.00	32.95 2.07 0.00
CE_MILLWOOD___DRP 24193	32.71 1.91 0.00	29.60 1.68 0.00	28.97 1.61 -1.35	27.98 1.55 -0.55	27.74 1.55 -0.28	29.07 1.59 -1.45	33.18 1.87 -2.55	36.69 2.06 -1.88	39.03 2.24 -2.29	42.60 2.38 -4.70	39.03 2.38 0.00	39.66 2.52 0.00	40.78 2.67 0.00	41.54 2.86 0.00	42.57 3.08 0.00	42.03 2.45 -10.36	50.95 2.92 -14.87	49.17 2.81 -12.85	44.95 2.50 -11.17	41.35 2.54 -4.04	39.75 2.34 -4.95	38.20 2.23 0.00	36.38 2.25 0.00	32.89 2.01 0.00
CE_NYC2_DRP 24202	32.96 2.16 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.95 1.76 -0.29	29.21 1.72 -1.46	33.34 2.01 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.84 2.71 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.81 3.32 0.00	42.29 2.63 -10.44	51.36 3.22 -14.98	49.43 2.98 -12.94	45.13 2.60 -11.25	41.49 2.64 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.58 2.46 0.00	33.13 2.25 0.00
CE_NYC_DRP 24195	32.84 2.03 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.34 2.01 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.89 2.63 -4.74	39.21 2.57 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.36 0.00	42.29 2.63 -10.44	51.32 3.18 -14.98	49.46 3.02 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.27 2.30 0.00	36.55 2.42 0.00	33.01 2.13 0.00
CHAFFEE___LFGE 323603	30.46 -0.34 0.00	27.65 -0.28 0.00	25.81 -0.44 -0.24	24.94 -1.04 -0.10	25.10 -0.85 -0.05	26.14 -0.16 -0.26	28.29 -0.92 -0.45	32.07 -0.98 -0.31	33.49 -1.38 -0.38	34.73 -1.60 -0.81	35.85 -0.77 0.03	36.39 -0.63 0.11	37.06 -0.84 0.22	36.52 -1.20 0.96	37.44 -1.15 0.90	31.05 0.00 -1.84	35.43 -0.36 -2.64	35.65 -0.13 -2.28	33.66 0.41 -1.98	36.02 0.52 -0.72	33.79 0.45 -0.88	36.15 0.18 0.00	33.72 -0.37 0.03	31.31 0.43 0.00
CHATEAUG_35_KV_LOAD 355732	30.68 -0.12 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.06 0.16 0.00	26.04 0.00 0.00	28.87 0.12 0.00	32.97 0.23 0.00	34.84 0.34 0.00	35.30 -0.21 0.00	36.31 -0.33 0.00	36.72 -0.41 0.00	37.20 -0.91 0.00	37.56 -1.12 0.00	38.42 -1.07 0.00	28.34 -0.88 0.00	32.13 -1.03 0.00	32.50 -1.01 0.00	30.31 -0.97 0.00	33.91 -0.87 0.00	32.00 -0.45 0.00	35.68 -0.29 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
CHATEAUG_WT_PWR 323614	30.71 -0.09 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.03 0.13 0.00	26.04 0.00 0.00	28.87 0.12 0.00	33.00 0.26 0.00	34.87 0.38 0.00	35.34 -0.18 0.00	36.31 -0.33 0.00	36.43 -0.71 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.34 -1.15 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.47 -1.04 0.00	30.31 -0.97 0.00	33.88 -0.90 0.00	32.00 -0.45 0.00	35.65 -0.32 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	30.71 -0.09 0.00	27.81 -0.11 0.00	26.01 0.00 0.00	26.01 0.13 0.00	26.06 0.16 0.00	26.04 0.00 0.00	28.87 0.12 0.00	32.97 0.23 0.00	34.84 0.34 0.00	35.38 -0.14 0.00	36.31 -0.33 0.00	36.46 -0.67 0.00	37.24 -0.88 0.00	37.56 -1.12 0.00	38.43 -1.06 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.50 -1.00 0.00	30.31 -0.97 0.00	33.91 -0.87 0.00	32.00 -0.45 0.00	35.68 -0.29 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
CHAUTAUQUA___LFGE 323629	30.83 0.03 0.00	27.98 0.06 0.00	26.12 -0.13 -0.24	25.28 -0.70 -0.10	25.44 -0.52 -0.05	26.50 0.21 -0.26	28.72 -0.49 -0.45	32.56 -0.49 -0.31	34.05 -0.83 -0.38	35.33 -0.99 -0.81	36.40 -0.22 0.03	36.91 -0.11 0.11	37.59 -0.31 0.22	37.02 -0.70 0.97	37.91 -0.67 0.91	31.31 0.26 -1.84	35.76 -0.03 -2.64	35.99 0.20 -2.28	33.94 0.69 -1.98	36.30 0.80 -0.72	34.05 0.71 -0.88	36.54 0.57 0.00	34.16 0.07 0.03	31.68 0.80 0.00
CHERRYST_13_KV_LD 356241	32.93 2.13 0.00	29.80 1.87 0.00	29.16 1.79 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.24 1.74 -1.46	33.46 2.13 -2.57	37.03 2.39 -1.90	39.39 2.59 -2.31	43.06 2.81 -4.74	39.39 2.75 0.00	40.03 2.90 0.00	41.20 3.09 0.00	42.01 3.33 0.00	43.01 3.51 0.00	42.43 2.78 -10.44	51.49 3.35 -14.98	49.63 3.18 -12.94	45.31 2.78 -11.25	41.66 2.82 -4.07	40.05 2.60 -4.99	38.38 2.41 0.00	36.65 2.53 0.00	33.10 2.22 0.00
CHESTROR_138KV_BK263 355645	32.40 1.60 0.00	29.35 1.42 0.00	28.60 1.35 -1.23	27.67 1.29 -0.50	27.43 1.27 -0.26	28.69 1.33 -1.33	32.65 1.55 -2.34	36.17 1.70 -1.73	38.46 1.86 -2.10	41.82 1.99 -4.31	38.62 1.98 0.00	39.21 2.08 0.00	40.32 2.21 0.00	41.08 2.40 0.00	41.98 2.49 0.00	40.73 2.02 -9.50	49.20 2.42 -13.62	47.62 2.35 -11.77	43.64 2.13 -10.23	40.63 2.16 -3.70	38.95 1.95 -4.54	37.81 1.83 0.00	36.00 1.88 0.00	32.55 1.67 0.00
CH_MIDHUDSON___DRP 24192	32.74 1.94 0.00	29.66 1.73 0.00	29.05 1.64 -1.40	28.03 1.58 -0.57	27.75 1.55 -0.30	29.16 1.61 -1.51	33.31 1.90 -2.65	36.77 2.06 -1.96	39.12 2.24 -2.39	42.79 2.38 -4.89	39.03 2.38 0.00	39.58 2.45 0.00	40.70 2.59 0.00	41.43 2.75 0.00	42.37 2.88 0.00	42.30 2.31 -10.78	51.38 2.75 -15.47	49.58 2.71 -13.37	45.34 2.44 -11.62	41.52 2.54 -4.20	39.92 2.30 -5.15	38.20 2.23 0.00	36.38 2.25 0.00	32.89 2.01 0.00
CH_MISC_IPPS 23765	32.87 2.06 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.37 2.01 -2.60	36.92 2.26 -1.92	39.27 2.45 -2.33	42.86 2.56 -4.78	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.66 2.98 0.00	42.57 3.08 0.00	42.24 2.48 -10.54	51.24 2.95 -15.13	49.46 2.88 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.38 2.41 0.00	36.51 2.39 0.00	33.04 2.16 0.00
CH_RES_BVR_FALLS 23983	30.31 -0.49 0.00	27.48 -0.45 0.00	25.62 -0.39 0.00	25.57 -0.31 0.00	25.59 -0.31 0.00	25.62 -0.42 0.00	28.33 -0.43 0.00	32.25 -0.49 0.00	34.04 -0.45 0.00	35.02 -0.50 0.00	36.06 -0.59 0.00	36.50 -0.63 0.00	37.39 -0.73 0.00	37.87 -0.81 0.00	38.62 -0.87 0.00	28.43 -0.79 0.00	32.30 -0.86 0.00	32.67 -0.84 0.00	30.77 -0.50 0.00	34.29 -0.49 0.00	32.04 -0.42 0.00	35.61 -0.36 0.00	33.82 -0.31 0.00	30.60 -0.28 0.00

CH_RES_NIAGARA 23895	29.54 -1.26 0.00	26.86 -1.06 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.22	27.31 -1.84 -0.40	30.68 -2.32 -0.26	32.03 -2.79 -0.33	33.52 -2.70 -0.70	34.63 -1.98 0.03	35.11 -1.89 0.13	35.85 -2.02 0.24	35.12 -2.48 1.08	36.11 -2.37 1.01	29.41 -1.40 -1.59	33.84 -1.62 -2.30	33.92 -1.57 -1.99	31.91 -1.10 -1.73	34.36 -1.04 -0.62	32.28 -0.94 -0.77	34.60 -1.37 0.00	32.69 -1.40 0.03	30.20 -0.68 0.00
CH_RES_SYRACUSE 23985	30.65 -0.15 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.80 -0.20 -0.24	32.70 -0.23 -0.18	34.43 -0.28 -0.22	35.72 -0.25 -0.45	36.50 -0.15 0.00	37.02 -0.11 0.00	38.00 -0.11 0.00	38.56 -0.12 0.00	39.29 -0.20 0.00	30.20 0.00 -0.99	34.54 -0.03 -1.41	34.73 0.00 -1.22	32.40 0.06 -1.06	35.23 0.07 -0.38	33.00 0.07 -0.47	35.94 -0.04 0.00	33.99 -0.14 0.00	30.76 -0.12 0.00
CLINTON_WT_PWR 323605	30.71 -0.09 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.03 0.13 0.00	26.04 0.00 0.00	28.87 0.12 0.00	33.00 0.26 0.00	34.87 0.38 0.00	35.34 -0.18 0.00	36.31 -0.33 0.00	36.43 -0.71 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.34 -1.15 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.47 -1.04 0.00	30.31 -0.97 0.00	33.88 -0.90 0.00	32.00 -0.45 0.00	35.65 -0.32 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
CLINTON___LFGE 323618	30.90 0.09 0.00	27.98 0.06 0.00	26.17 0.16 0.00	26.14 0.26 0.00	26.19 0.29 0.00	26.19 0.16 0.00	29.05 0.29 0.00	33.20 0.46 0.00	35.11 0.62 0.00	35.48 -0.04 0.00	36.46 -0.18 0.00	36.46 -0.67 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.39 -1.11 0.00	28.43 -0.79 0.00	32.27 -0.89 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	34.08 -0.70 0.00	32.30 -0.16 0.00	35.94 -0.04 0.00	34.09 -0.03 0.00	30.82 -0.06 0.00
COBBLENY_34_KV_TB1 80064	30.62 -0.18 0.00	27.67 -0.25 0.00	25.81 -0.44 -0.24	24.94 -1.04 -0.10	25.10 -0.85 -0.05	26.14 -0.16 -0.26	28.38 -0.83 -0.45	31.74 -1.31 -0.31	33.56 -1.31 -0.38	34.73 -1.60 -0.81	35.92 -0.70 0.03	36.31 -0.71 0.11	37.21 -0.69 0.22	36.87 -0.85 0.96	37.49 -1.11 0.90	31.20 0.15 -1.84	35.88 0.07 -2.66	35.97 0.17 -2.29	33.77 0.50 -1.99	36.16 0.66 -0.72	33.93 0.58 -0.88	36.29 0.32 0.00	33.99 -0.10 0.03	31.31 0.43 0.00
COFFEEN___115KV_TB3 355620	30.86 0.06 0.00	27.98 0.06 0.00	25.96 -0.05 0.00	25.83 -0.05 0.00	25.85 -0.05 0.00	25.88 -0.16 0.00	28.65 -0.12 -0.01	32.65 -0.10 -0.01	34.19 -0.31 -0.01	35.17 -0.36 -0.01	36.28 -0.37 -0.01	37.01 -0.15 -0.03	38.05 -0.11 -0.06	38.62 -0.31 -0.25	39.01 -0.71 -0.23	28.66 -0.56 0.00	32.63 -0.53 0.00	33.20 -0.30 0.00	31.31 0.03 0.00	35.06 0.28 0.00	32.69 0.23 0.00	36.19 0.22 0.00	34.13 0.00 -0.01	30.82 -0.06 0.00
COLDSPRG_115KV_BK1 355956	31.20 0.40 0.00	28.18 0.25 0.00	26.34 0.08 -0.25	25.49 -0.49 -0.10	25.70 -0.26 -0.05	26.75 0.44 -0.27	29.10 -0.14 -0.48	32.51 -0.56 -0.33	35.11 0.21 -0.41	36.06 -0.32 -0.86	37.21 0.59 0.02	37.32 0.30 0.10	38.25 0.34 0.20	37.68 -0.12 0.89	38.19 -0.47 0.83	32.16 0.96 -1.98	37.01 0.99 -2.86	36.82 0.87 -2.45	34.53 1.13 -2.13	36.77 1.22 -0.77	34.51 1.10 -0.94	36.98 1.01 0.00	34.61 0.51 0.03	31.84 0.96 0.00
COLONIE_LFGE___ 323577	32.56 1.75 0.00	29.52 1.59 0.00	31.24 1.48 -3.74	28.83 1.42 -1.53	28.15 1.45 -0.79	31.58 1.51 -4.03	37.28 1.67 -6.85	39.85 1.87 -5.24	42.80 1.93 -6.38	50.59 1.99 -13.08	38.66 2.01 0.00	39.17 2.04 0.00	40.25 2.13 0.00	40.84 2.16 0.00	41.74 2.25 0.00	59.80 1.75 -28.83	76.53 1.99 -41.38	71.24 1.98 -35.76	64.24 1.88 -31.09	48.06 2.05 -11.23	48.16 1.91 -13.79	37.91 1.94 0.00	36.00 1.88 0.00	32.64 1.76 0.00
COOPERNY_115KV_TB1 80082	31.97 1.17 0.00	28.96 1.03 0.00	27.92 0.96 -0.95	27.20 0.93 -0.39	27.01 0.91 -0.20	28.02 0.96 -1.02	31.68 1.12 -1.80	35.32 1.24 -1.33	37.45 1.35 -1.62	40.29 1.46 -3.31	38.11 1.47 0.00	38.65 1.52 0.00	39.71 1.60 0.00	40.46 1.78 0.00	41.35 1.86 0.00	38.06 1.55 -7.30	45.45 1.82 -10.47	44.33 1.78 -9.05	40.74 1.60 -7.87	39.26 1.63 -2.84	37.44 1.49 -3.49	37.34 1.37 0.00	35.49 1.36 0.00	32.09 1.20 0.00
COPENHAGEN_WT_PWR 323753	30.65 -0.15 0.00	27.79 -0.14 0.00	25.80 -0.21 0.00	25.65 -0.23 0.00	25.70 -0.21 0.00	25.72 -0.31 0.00	28.48 -0.29 -0.01	32.42 -0.33 -0.01	34.02 -0.48 -0.01	34.99 -0.53 -0.01	36.10 -0.55 -0.01	36.72 -0.44 -0.03	37.76 -0.42 -0.06	38.37 -0.58 -0.27	38.87 -0.87 -0.25	28.57 -0.64 0.00	32.53 -0.63 0.00	33.07 -0.44 0.00	31.09 -0.19 0.00	34.78 0.00 0.00	32.43 -0.03 0.00	35.94 -0.04 0.00	33.96 -0.17 -0.01	30.63 -0.25 0.00
CORNELL_____ 23752	31.42 0.62 0.00	28.46 0.53 0.00	26.75 0.42 -0.33	26.24 0.23 -0.13	26.28 0.31 -0.07	26.88 0.49 -0.35	29.83 0.46 -0.62	33.91 0.72 -0.44	35.76 0.72 -0.54	37.34 0.71 -1.11	37.48 0.84 0.01	37.92 0.82 0.03	38.94 0.88 0.05	39.42 0.97 0.22	39.99 0.71 0.21	32.53 0.85 -2.47	37.57 0.80 -3.62	37.57 0.94 -3.13	35.03 1.03 -2.72	36.91 1.15 -0.98	34.77 1.10 -1.21	37.01 1.04 0.00	34.87 0.75 0.01	31.59 0.71 0.00
CORONA_AAV_69_KV_TB1 355595	50.41 2.65 -16.96	40.04 2.40 -9.72	33.27 2.29 -4.98	31.25 2.17 -3.20	29.49 2.18 -1.41	38.13 2.21 -9.89	36.60 2.50 -5.34	45.66 2.85 -10.07	46.23 3.00 -8.74	43.76 3.16 -5.09	44.94 3.08 -5.22	47.66 3.19 -7.33	50.41 3.35 -8.95	56.68 3.56 -14.44	65.80 3.75 -22.56	64.84 2.95 -32.68	69.57 3.48 -32.93	83.38 3.42 -46.46	70.17 3.07 -35.83	55.10 3.16 -17.15	54.99 2.95 -19.58	49.10 2.88 -10.25	45.05 3.00 -7.92	41.98 2.69 -8.42
CORTLAND_115KV_TB3 80093	31.17 0.37 0.00	28.23 0.31 0.00	26.47 0.21 -0.25	26.06 0.08 -0.10	26.09 0.13 -0.05	26.59 0.29 -0.27	29.49 0.26 -0.47	33.53 0.46 -0.33	35.34 0.45 -0.40	36.81 0.46 -0.83	37.26 0.62 0.01	37.70 0.59 0.03	38.71 0.65 0.05	39.19 0.73 0.23	39.79 0.51 0.21	31.71 0.64 -1.85	36.56 0.63 -2.77	36.61 0.70 -2.40	34.08 0.72 -2.09	36.33 0.80 -0.75	34.13 0.75 -0.92	36.62 0.65 0.00	34.56 0.44 0.01	31.31 0.43 0.00
COXSACKIE___GT 23611	33.30 2.49 0.00	30.35 2.43 0.00	30.43 2.11 -2.32	28.89 2.07 -0.94	28.47 2.07 -0.49	30.74 2.21 -2.50	35.45 2.39 -4.31	38.55 2.56 -3.25	41.17 2.72 -3.95	46.32 2.70 -8.10	39.39 2.75 0.00	39.81 2.68 0.00	40.82 2.71 0.00	41.35 2.67 0.00	42.06 2.57 0.00	48.91 1.84 -17.85	60.97 2.19 -25.63	57.96 2.31 -22.14	52.84 2.31 -19.25	44.41 2.68 -6.95	43.46 2.47 -8.54	38.78 2.81 0.00	36.72 2.59 0.00	33.32 2.44 0.00
CPV_VALLEY___CC1 323721	32.10 1.29 0.00	29.10 1.17 0.00	28.26 1.12 -1.13	27.40 1.06 -0.46	27.21 1.06 -0.24	28.35 1.09 -1.22	32.20 1.30 -2.14	35.77 1.44 -1.58	37.97 1.55 -1.93	41.10 1.63 -3.95	38.33 1.69 0.00	38.91 1.78 0.00	39.98 1.87 0.00	40.73 2.05 0.00	41.66 2.17 0.00	39.70 1.78 -8.70	47.74 2.09 -12.49	46.31 2.01 -10.79	42.47 1.81 -9.38	40.01 1.84 -3.39	38.28 1.65 -4.16	37.48 1.51 0.00	35.62 1.50 0.00	32.27 1.39 0.00

CPV_VALLEY___CC2 323722	32.10 1.29 0.00	29.10 1.17 0.00	28.26 1.12 -1.13	27.40 1.06 -0.46	27.21 1.06 -0.24	28.35 1.09 -1.22	32.20 1.30 -2.14	35.77 1.44 -1.58	37.97 1.55 -1.93	41.10 1.63 -3.95	38.33 1.69 0.00	38.91 1.78 0.00	39.98 1.87 0.00	40.73 2.05 0.00	41.66 2.17 0.00	39.70 1.78 -8.70	47.74 2.09 -12.49	46.31 2.01 -10.79	42.47 1.81 -9.38	40.01 1.84 -3.39	38.28 1.65 -4.16	37.48 1.51 0.00	35.62 1.50 0.00	32.27 1.39 0.00
CRESCENT___HYD 24018	32.56 1.75 0.00	29.52 1.59 0.00	31.24 1.48 -3.74	28.83 1.42 -1.53	28.15 1.45 -0.79	31.58 1.51 -4.03	37.28 1.67 -6.85	39.85 1.87 -5.24	42.80 1.93 -6.38	50.59 1.99 -13.08	38.66 2.01 0.00	39.17 2.04 0.00	40.25 2.13 0.00	40.84 2.16 0.00	41.74 2.25 0.00	59.80 1.75 -28.83	76.53 1.99 -41.38	71.24 1.98 -35.76	64.24 1.88 -31.09	48.06 2.05 -11.23	48.16 1.91 -13.79	37.91 1.94 0.00	36.00 1.88 0.00	32.64 1.76 0.00
CRICKET___VALLEY_CC1 323756	32.53 1.72 0.00	29.49 1.56 0.00	28.98 1.48 -1.48	27.91 1.42 -0.60	27.64 1.42 -0.31	29.09 1.46 -1.60	33.26 1.70 -2.81	36.69 1.87 -2.08	38.92 1.90 -2.53	42.62 1.92 -5.19	38.62 1.98 0.00	39.17 2.04 0.00	40.28 2.17 0.00	41.00 2.32 0.00	41.98 2.49 0.00	42.63 1.99 -11.42	51.88 2.32 -16.40	49.92 2.25 -14.17	45.63 2.03 -12.32	41.35 2.12 -4.45	39.87 1.95 -5.46	37.80 1.83 0.00	35.97 1.84 0.00	32.61 1.73 0.00
CRICKET___VALLEY_CC2 323757	32.53 1.72 0.00	29.49 1.56 0.00	28.98 1.48 -1.48	27.91 1.42 -0.60	27.64 1.42 -0.31	29.09 1.46 -1.60	33.26 1.70 -2.81	36.69 1.87 -2.08	38.92 1.90 -2.53	42.62 1.92 -5.19	38.62 1.98 0.00	39.17 2.04 0.00	40.28 2.17 0.00	41.00 2.32 0.00	41.98 2.49 0.00	42.63 1.99 -11.42	51.88 2.32 -16.40	49.92 2.25 -14.17	45.63 2.03 -12.32	41.35 2.12 -4.45	39.87 1.95 -5.46	37.80 1.83 0.00	35.97 1.84 0.00	32.61 1.73 0.00
CRICKET___VALLEY_CC3 323758	32.53 1.72 0.00	29.49 1.56 0.00	28.98 1.48 -1.48	27.91 1.42 -0.60	27.64 1.42 -0.31	29.09 1.46 -1.60	33.26 1.70 -2.81	36.69 1.87 -2.08	38.92 1.90 -2.53	42.62 1.92 -5.19	38.62 1.98 0.00	39.17 2.04 0.00	40.28 2.17 0.00	41.00 2.32 0.00	41.98 2.49 0.00	42.63 1.99 -11.42	51.88 2.32 -16.40	49.92 2.25 -14.17	45.63 2.03 -12.32	41.35 2.12 -4.45	39.87 1.95 -5.46	37.80 1.83 0.00	35.97 1.84 0.00	32.61 1.73 0.00
CRUCIBLE_METL_DRP 24180	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.15 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
DAHOWA___HYDRO 323763	32.90 2.10 0.00	29.80 1.87 0.00	31.89 1.74 -4.13	29.22 1.66 -1.68	28.49 1.71 -0.87	32.28 1.80 -4.45	38.29 1.98 -7.54	40.76 2.23 -5.79	43.88 2.35 -7.04	52.38 2.42 -14.44	38.88 2.24 0.00	39.43 2.30 0.00	40.48 2.36 0.00	41.00 2.32 0.00	41.94 2.45 0.00	62.94 1.90 -31.83	81.03 2.19 -45.68	75.19 2.21 -39.47	67.81 2.22 -34.32	49.68 2.51 -12.40	50.15 2.47 -15.22	38.49 2.52 0.00	36.45 2.32 0.00	32.95 2.07 0.00
DANC___LFGE 323619	30.46 -0.34 0.00	27.62 -0.31 0.00	25.65 -0.36 0.00	25.46 -0.42 0.00	25.52 -0.39 0.00	25.65 -0.39 0.00	28.34 -0.43 -0.01	32.23 -0.53 -0.01	33.84 -0.66 -0.01	34.85 -0.68 -0.01	35.96 -0.70 -0.01	36.58 -0.60 -0.04	37.62 -0.57 -0.08	38.34 -0.70 -0.36	38.96 -0.87 -0.34	28.60 -0.61 0.00	32.53 -0.63 0.00	33.00 -0.50 0.00	30.96 -0.31 0.00	34.57 -0.21 0.00	32.23 -0.23 0.00	35.72 -0.25 0.00	33.76 -0.37 -0.01	30.51 -0.37 0.00
DANSKAMMER___1 23586	32.87 2.06 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.37 2.01 -2.60	36.92 2.26 -1.92	39.27 2.45 -2.33	42.86 2.56 -4.78	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.66 2.98 0.00	42.57 3.08 0.00	42.24 2.48 -10.54	51.24 2.95 -15.13	49.46 2.88 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.38 2.41 0.00	36.51 2.39 0.00	33.04 2.16 0.00
DANSKAMMER___2 23589	32.87 2.06 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.37 2.01 -2.60	36.92 2.26 -1.92	39.27 2.45 -2.33	42.86 2.56 -4.78	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.66 2.98 0.00	42.57 3.08 0.00	42.24 2.48 -10.54	51.24 2.95 -15.13	49.46 2.88 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.38 2.41 0.00	36.51 2.39 0.00	33.04 2.16 0.00
DANSKAMMER___3 23590	32.87 2.06 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.37 2.01 -2.60	36.92 2.26 -1.92	39.27 2.45 -2.33	42.86 2.56 -4.78	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.66 2.98 0.00	42.57 3.08 0.00	42.24 2.48 -10.54	51.24 2.95 -15.13	49.46 2.88 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.38 2.41 0.00	36.51 2.39 0.00	33.04 2.16 0.00
DANSKAMMER___4 23591	32.87 2.06 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.37 2.01 -2.60	36.92 2.26 -1.92	39.27 2.45 -2.33	42.86 2.56 -4.78	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.66 2.98 0.00	42.57 3.08 0.00	42.24 2.48 -10.54	51.24 2.95 -15.13	49.46 2.88 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.38 2.41 0.00	36.51 2.39 0.00	33.04 2.16 0.00
DANSKAMMER___DIESEL 23592	32.90 2.09 0.00	29.80 1.87 0.00	29.12 1.74 -1.37	28.14 1.71 -0.56	27.85 1.66 -0.29	29.23 1.72 -1.47	33.40 2.04 -2.60	36.85 2.19 -1.92	39.28 2.45 -2.33	42.90 2.59 -4.79	39.25 2.60 0.00	39.84 2.71 0.00	40.93 2.82 0.00	41.70 3.02 0.00	42.57 3.08 0.00	42.22 2.45 -10.55	51.27 2.98 -15.13	49.49 2.91 -13.07	45.30 2.66 -11.37	41.63 2.75 -4.11	40.00 2.50 -5.04	38.42 2.45 0.00	36.55 2.42 0.00	33.04 2.16 0.00
DARBY___SOLAR 323810	32.84 2.03 0.00	29.74 1.81 0.00	31.79 1.69 -4.09	29.18 1.63 -1.67	28.43 1.66 -0.86	32.18 1.74 -4.40	38.15 1.93 -7.46	40.66 2.19 -5.72	43.77 2.31 -6.97	52.18 2.38 -14.29	38.88 2.24 0.00	39.43 2.30 0.00	40.48 2.36 0.00	41.00 2.32 0.00	41.98 2.49 0.00	62.62 1.93 -31.48	80.53 2.19 -45.18	74.75 2.21 -39.04	67.37 2.16 -33.94	49.47 2.43 -12.26	49.88 2.37 -15.05	38.38 2.41 0.00	36.38 2.25 0.00	32.89 2.01 0.00
DASHVILLE___HYD 23610	32.40 1.60 0.00	29.29 1.37 0.00	28.69 1.09 -1.58	27.56 1.04 -0.64	27.25 1.01 -0.33	28.81 1.07 -1.70	33.12 1.38 -2.98	36.43 1.47 -2.22	38.85 1.66 -2.70	42.90 1.85 -5.54	38.62 1.98 0.00	39.21 2.08 0.00	40.28 2.17 0.00	41.08 2.40 0.00	41.90 2.41 0.00	43.19 1.78 -12.20	52.91 2.25 -17.50	50.80 2.18 -15.12	46.39 1.97 -13.15	41.51 1.98 -4.75	40.04 1.75 -5.83	37.77 1.80 0.00	36.00 1.88 0.00	32.52 1.64 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	52.32 4.56 -16.96	41.69 4.05 -9.72	34.84 3.85 -4.98	32.75 3.67 -3.20	30.97 3.65 -1.41	39.67 3.75 -9.89	38.35 4.26 -5.34	47.69 4.88 -10.07	48.83 5.59 -8.75	46.15 5.54 -5.09	47.54 5.68 -5.22	50.29 5.83 -7.33	53.04 5.98 -8.95	59.46 6.34 -14.44	68.80 6.75 -22.56	67.19 5.29 -32.69	88.56 6.04 -49.36	85.94 5.96 -46.47	90.57 5.47 -53.82	72.71 6.05 -31.88	57.60 5.55 -19.59	51.83 5.61 -10.25	48.47 5.43 -8.92	44.22 4.91 -8.42
DELAWARE___LFGE 323621	31.97 1.17 0.00	28.96 1.03 0.00	27.92 0.91 -1.00	27.14 0.85 -0.41	26.97 0.85 -0.21	28.05 0.94 -1.08	31.67 1.06 -1.85	35.40 1.24 -1.41	37.52 1.31 -1.71	40.42 1.39 -3.51	38.11 1.47 0.00	38.62 1.49 0.00	39.68 1.56 0.00	40.34 1.66 0.00	41.11 1.62 0.00	38.36 1.40 -7.74	45.85 1.59 -11.10	44.71 1.61 -9.59	41.12 1.50 -8.34	39.43 1.63 -3.01	37.65 1.49 -3.70	37.37 1.40 0.00	35.42 1.30 0.00	32.02 1.14 0.00
DERFIELD_115KV_TB7 355931	30.96 0.15 0.00	28.07 0.14 0.00	26.11 0.10 0.00	25.98 0.10 0.00	26.01 0.10 0.00	26.14 0.10 0.00	28.87 0.12 0.00	32.91 0.16 0.00	34.63 0.14 0.00	35.73 0.21 0.00	36.86 0.22 0.00	37.35 0.22 0.00	38.34 0.23 0.00	38.95 0.27 0.00	39.73 0.24 0.00	29.42 0.20 0.00	33.39 0.23 0.00	33.74 0.23 0.00	31.50 0.22 0.00	35.02 0.24 0.00	32.65 0.19 0.00	36.15 0.18 0.00	34.26 0.14 0.00	31.00 0.12 0.00
DOGLEVILLE___HYD 23807	31.17 0.37 0.00	28.29 0.36 0.00	26.32 0.31 0.00	26.16 0.29 0.00	26.19 0.29 0.00	26.35 0.31 0.00	29.13 0.37 0.00	33.20 0.46 0.00	34.94 0.45 0.00	36.19 0.67 0.00	37.34 0.69 0.00	37.84 0.70 0.00	38.83 0.72 0.00	39.38 0.70 0.00	39.89 0.39 0.00	29.45 0.23 0.00	33.42 0.26 0.00	33.81 0.30 0.00	31.59 0.31 0.00	35.16 0.38 0.00	32.82 0.36 0.00	36.33 0.36 0.00	34.43 0.31 0.00	31.16 0.28 0.00
DUNKIRK___115KV_TB_200 55889	30.93 0.12 0.00	27.95 0.03 0.00	26.09 -0.16 -0.24	25.25 -0.72 -0.10	25.41 -0.54 -0.05	26.45 0.16 -0.26	28.75 -0.46 -0.45	32.26 -0.79 -0.30	34.04 -0.83 -0.38	35.25 -1.07 -0.80	36.40 -0.22 0.03	36.76 -0.26 0.11	37.66 -0.23 0.22	37.33 -0.39 0.97	37.95 -0.63 0.91	31.42 0.38 -1.82	36.09 0.30 -2.63	36.22 0.44 -2.28	34.04 0.78 -1.99	36.40 0.90 -0.72	34.15 0.81 -0.88	36.65 0.68 0.00	34.33 0.24 0.03	31.62 0.74 0.00
DUNKIRK___1 23563	30.93 0.12 0.00	27.95 0.03 0.00	26.09 -0.16 -0.24	25.25 -0.72 -0.10	25.41 -0.54 -0.05	26.45 0.16 -0.26	28.75 -0.46 -0.45	32.26 -0.79 -0.30	34.04 -0.83 -0.38	35.25 -1.07 -0.80	36.40 -0.22 0.03	36.76 -0.26 0.11	37.66 -0.23 0.22	37.33 -0.39 0.97	37.95 -0.63 0.91	31.42 0.38 -1.82	36.09 0.30 -2.63	36.22 0.44 -2.28	34.04 0.78 -1.99	36.40 0.90 -0.72	34.15 0.81 -0.88	36.65 0.68 0.00	34.33 0.24 0.03	31.62 0.74 0.00
DUNKIRK___2 23564	30.93 0.12 0.00	27.95 0.03 0.00	26.09 -0.16 -0.24	25.25 -0.72 -0.10	25.41 -0.54 -0.05	26.45 0.16 -0.26	28.75 -0.46 -0.45	32.26 -0.79 -0.30	34.04 -0.83 -0.38	35.25 -1.07 -0.80	36.40 -0.22 0.03	36.76 -0.26 0.11	37.66 -0.23 0.22	37.33 -0.39 0.97	37.95 -0.63 0.91	31.42 0.38 -1.82	36.09 0.30 -2.63	36.22 0.44 -2.28	34.04 0.78 -1.99	36.40 0.90 -0.72	34.15 0.81 -0.88	36.65 0.68 0.00	34.33 0.24 0.03	31.62 0.74 0.00
DUNKIRK___3 23565	30.74 -0.06 0.00	27.79 -0.14 0.00	25.93 -0.31 -0.24	25.10 -0.88 -0.10	25.26 -0.70 -0.05	26.29 0.00 -0.26	28.58 -0.63 -0.45	32.00 -1.05 -0.30	33.84 -1.03 -0.38	35.00 -1.31 -0.80	36.14 -0.48 0.03	36.54 -0.48 0.11	37.43 -0.46 0.22	37.09 -0.62 0.97	37.75 -0.83 0.91	31.27 0.23 -1.82	35.92 0.13 -2.63	36.05 0.27 -2.27	33.85 0.59 -1.98	36.19 0.70 -0.71	33.95 0.62 -0.88	36.40 0.43 0.00	34.13 0.03 0.03	31.44 0.56 0.00
DUNKIRK___4 23566	30.74 -0.06 0.00	27.79 -0.14 0.00	25.93 -0.31 -0.24	25.10 -0.88 -0.10	25.26 -0.70 -0.05	26.29 0.00 -0.26	28.58 -0.63 -0.45	32.00 -1.05 -0.30	33.84 -1.03 -0.38	35.00 -1.31 -0.80	36.14 -0.48 0.03	36.54 -0.48 0.11	37.43 -0.46 0.22	37.09 -0.62 0.97	37.75 -0.83 0.91	31.27 0.23 -1.82	35.92 0.13 -2.63	36.05 0.27 -2.27	33.85 0.59 -1.98	36.19 0.70 -0.71	33.95 0.62 -0.88	36.40 0.43 0.00	34.13 0.03 0.03	31.44 0.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.84 2.03 0.00	29.71 1.79 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.19 1.69 -1.46	33.34 2.01 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.81 2.56 -4.74	39.21 2.57 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.22 3.08 -14.98	49.43 2.98 -12.95	45.16 2.63 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.35 2.37 0.00	36.51 2.39 0.00	33.01 2.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.59 1.79 0.00	29.52 1.59 0.00	28.81 1.48 -1.32	27.84 1.42 -0.54	27.61 1.42 -0.28	28.91 1.46 -1.42	32.99 1.73 -2.50	36.49 1.90 -1.85	38.81 2.07 -2.25	42.33 2.20 -4.61	38.88 2.24 0.00	39.47 2.34 0.00	40.55 2.44 0.00	41.31 2.63 0.00	42.22 2.72 0.00	41.58 2.19 -10.17	50.40 2.65 -14.59	48.69 2.58 -12.60	44.58 2.35 -10.96	41.14 2.40 -3.96	39.49 2.17 -4.86	38.06 2.09 0.00	36.21 2.08 0.00	32.73 1.85 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.05 2.25 0.00	29.88 1.95 0.00	29.26 1.90 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.19 1.69 -1.46	33.26 1.93 -2.57	36.74 2.10 -1.90	39.05 2.24 -2.31	42.67 2.42 -4.74	39.03 2.38 0.00	39.66 2.52 0.00	40.78 2.67 0.00	41.58 2.90 0.00	42.61 3.12 0.00	42.14 2.48 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	45.00 2.47 -11.25	41.35 2.50 -4.07	39.79 2.34 -4.99	38.06 2.09 0.00	36.55 2.42 0.00	33.20 2.32 0.00
E179THST_13_KV_LOAD 356214	33.21 2.40 0.00	29.99 2.07 0.00	29.39 2.03 -1.36	28.37 1.94 -0.55	28.11 1.92 -0.29	29.32 1.82 -1.46	33.40 2.07 -2.57	36.90 2.26 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.25 2.60 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.46 3.32 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.98 2.53 -4.99	38.24 2.27 0.00	36.75 2.63 0.00	33.35 2.47 0.00
EAST HAMPTON___GT 23717	52.75 4.99 -16.96	42.14 4.50 -9.72	35.20 4.21 -4.98	33.19 4.12 -3.20	31.43 4.12 -1.41	40.11 4.19 -9.89	38.81 4.72 -5.34	48.34 5.54 -10.07	49.52 6.28 -8.75	46.75 6.15 -5.09	48.28 6.41 -5.22	51.04 6.57 -7.33	53.77 6.71 -8.95	60.12 7.00 -14.44	69.52 7.47 -22.56	67.68 5.79 -32.68	89.19 6.67 -49.37	86.61 6.64 -46.47	91.23 6.13 -53.82	73.38 6.71 -31.88	58.12 6.07 -19.59	52.48 6.26 -10.25	50.44 5.94 -10.38	44.68 5.37 -8.42
EAST RIVER___6 23660	32.78 1.97 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.14 1.71 -0.55	27.87 1.68 -0.29	29.14 1.64 -1.46	33.34 2.01 -2.57	37.00 2.36 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.25 2.60 0.00	39.92 2.79 0.00	41.09 2.97 0.00	41.89 3.21 0.00	42.97 3.48 0.00	42.40 2.75 -10.44	51.39 3.25 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.59 2.75 -4.07	40.01 2.56 -4.99	38.38 2.41 0.00	36.58 2.46 0.00	33.07 2.19 0.00

EAST RIVER___7 23524	32.78 1.97 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.14 1.71 -0.55	27.87 1.68 -0.29	29.14 1.64 -1.46	33.34 2.01 -2.57	37.00 2.36 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.25 2.60 0.00	39.92 2.79 0.00	41.09 2.97 0.00	41.89 3.21 0.00	42.97 3.48 0.00	42.40 2.75 -10.44	51.39 3.25 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.59 2.75 -4.07	40.01 2.56 -4.99	38.38 2.41 0.00	36.58 2.46 0.00	33.07 2.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.74 1.94 0.00	29.66 1.73 0.00	29.03 1.66 -1.35	28.03 1.60 -0.55	27.80 1.61 -0.29	29.13 1.64 -1.46	33.25 1.93 -2.57	36.80 2.16 -1.89	39.11 2.31 -2.30	42.73 2.49 -4.73	39.14 2.49 0.00	39.73 2.60 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.65 3.16 0.00	42.14 2.51 -10.41	51.09 2.98 -14.94	49.30 2.88 -12.91	45.07 2.56 -11.22	41.44 2.61 -4.05	39.84 2.40 -4.98	38.24 2.27 0.00	36.44 2.32 0.00	32.95 2.07 0.00
EAST_HAMPTON___DIESEL 23722	52.75 4.99 -16.96	42.16 4.52 -9.72	35.23 4.24 -4.98	33.22 4.14 -3.20	31.43 4.12 -1.41	40.14 4.22 -9.89	38.84 4.74 -5.34	48.34 5.54 -10.07	49.55 6.31 -8.75	46.79 6.18 -5.09	48.32 6.45 -5.22	51.07 6.61 -7.33	53.81 6.75 -8.95	60.16 7.04 -14.44	69.56 7.51 -22.56	67.71 5.82 -32.68	89.23 6.70 -49.37	86.61 6.64 -46.47	91.26 6.16 -53.82	73.41 6.75 -31.88	58.15 6.10 -19.59	52.48 6.26 -10.25	50.44 5.94 -10.38	44.68 5.37 -8.42
EAST_PULASKI___ESR 323781	30.31 -0.49 0.00	27.48 -0.45 0.00	25.54 -0.47 0.00	25.31 -0.57 0.00	25.36 -0.54 0.00	25.57 -0.47 0.00	28.22 -0.55 -0.01	32.17 -0.59 -0.02	33.68 -0.83 -0.02	34.68 -0.85 -0.02	35.86 -0.81 -0.02	36.43 -0.78 -0.08	37.51 -0.76 -0.16	38.57 -0.81 -0.71	39.21 -0.95 -0.66	28.57 -0.64 0.00	32.40 -0.76 0.00	32.80 -0.70 0.00	30.74 -0.53 0.00	34.26 -0.52 0.00	31.97 -0.49 0.00	35.40 -0.58 0.00	33.50 -0.65 -0.02	30.39 -0.49 0.00
EAST_RIVER___1 323558	32.78 1.97 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.34 2.01 -2.57	36.97 2.33 -1.90	39.25 2.45 -2.31	42.81 2.56 -4.74	39.21 2.56 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.35 0.00	42.31 2.66 -10.44	51.29 3.15 -14.98	49.47 3.02 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.28 2.30 0.00	36.51 2.39 0.00	33.01 2.13 0.00
EAST_RIVER___2 323559	32.78 1.97 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.14 1.71 -0.55	27.87 1.68 -0.29	29.14 1.64 -1.46	33.34 2.01 -2.57	37.00 2.36 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.25 2.60 0.00	39.92 2.79 0.00	41.09 2.97 0.00	41.89 3.21 0.00	42.97 3.48 0.00	42.40 2.75 -10.44	51.39 3.25 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.59 2.75 -4.07	40.01 2.56 -4.99	38.38 2.41 0.00	36.58 2.46 0.00	33.07 2.19 0.00
EAST___DELAWARE_HYD 23607	32.22 1.42 0.00	29.21 1.29 0.00	28.44 1.17 -1.25	27.50 1.11 -0.51	27.26 1.09 -0.26	28.50 1.12 -1.35	32.54 1.41 -2.37	36.07 1.57 -1.75	38.32 1.69 -2.14	41.57 1.67 -4.38	38.29 1.65 0.00	38.88 1.75 0.00	39.94 1.83 0.00	40.73 2.05 0.00	41.66 2.17 0.00	40.71 1.84 -9.65	49.24 2.22 -13.85	47.72 2.25 -11.97	43.75 2.06 -10.41	40.66 2.12 -3.76	38.99 1.91 -4.62	37.73 1.76 0.00	35.83 1.71 0.00	32.39 1.51 0.00
EIGHT_POINT___WT_PWR 323820	31.17 0.37 0.00	28.29 0.36 0.00	26.48 0.18 -0.29	25.74 -0.26 -0.12	25.86 -0.10 -0.06	26.79 0.44 -0.31	29.31 0.00 -0.55	33.10 -0.03 -0.39	34.63 -0.34 -0.48	36.05 -0.46 -0.99	36.74 0.11 0.02	37.24 0.19 0.08	37.96 0.00 0.15	37.86 -0.15 0.66	38.60 -0.27 0.62	31.97 0.53 -2.23	36.56 0.20 -3.20	36.74 0.47 -2.77	34.62 0.94 -2.41	36.69 1.04 -0.87	34.56 1.04 -1.07	36.87 0.90 0.00	34.48 0.38 0.02	31.71 0.83 0.00
ELBRIDGE_115KV_TB2 80188	30.59 -0.22 0.00	27.70 -0.22 0.00	25.89 -0.26 -0.14	25.55 -0.39 -0.06	25.60 -0.34 -0.03	25.98 -0.21 -0.15	28.73 -0.29 -0.26	32.64 -0.29 -0.20	34.39 -0.34 -0.24	35.65 -0.36 -0.49	36.39 -0.26 0.00	36.87 -0.26 0.00	37.88 -0.23 0.00	38.49 -0.19 0.00	39.21 -0.28 0.00	30.27 -0.03 -1.09	34.60 -0.10 -1.54	34.76 -0.07 -1.33	32.43 0.00 -1.15	35.20 0.00 -0.42	32.97 0.00 -0.51	35.86 -0.11 0.00	33.89 -0.24 0.00	30.73 -0.15 0.00
ELEC_TRO_TEK 24086	50.29 2.53 -16.96	39.88 2.23 -9.72	33.12 2.13 -4.98	31.12 2.04 -3.20	29.33 2.02 -1.41	38.00 2.08 -9.89	36.49 2.39 -5.34	45.49 2.68 -10.07	46.17 2.93 -8.74	43.62 3.02 -5.09	44.87 3.00 -5.22	47.58 3.12 -7.33	50.34 3.28 -8.95	56.60 3.48 -14.44	65.72 3.67 -22.56	64.79 2.89 -32.68	69.54 3.42 -32.97	83.28 3.32 -46.46	70.12 2.97 -35.88	55.06 3.10 -17.19	54.93 2.89 -19.58	49.06 2.84 -10.25	44.95 2.90 -7.92	41.92 2.62 -8.42
ELLENBURG_WT_PWR 323604	30.71 -0.09 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.03 0.13 0.00	26.04 0.00 0.00	28.87 0.12 0.00	33.00 0.26 0.00	34.87 0.38 0.00	35.34 -0.18 0.00	36.31 -0.33 0.00	36.43 -0.71 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.34 -1.15 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.47 -1.04 0.00	30.31 -0.97 0.00	33.88 -0.90 0.00	32.00 -0.45 0.00	35.65 -0.32 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.37 -0.43 0.00	27.48 -0.45 0.00	25.64 -0.60 -0.22	24.78 -1.19 -0.09	24.92 -1.04 -0.05	25.97 -0.31 -0.24	28.15 -1.04 -0.43	31.59 -1.44 -0.28	33.23 -1.62 -0.35	34.53 -1.74 -0.75	35.70 -0.92 0.03	36.08 -0.93 0.12	37.01 -0.88 0.23	36.58 -1.08 1.02	37.23 -1.30 0.96	30.70 -0.23 -1.71	35.28 -0.36 -2.48	35.35 -0.30 -2.15	33.24 0.09 -1.87	35.66 0.21 -0.67	33.48 0.19 -0.83	35.90 -0.07 0.00	33.65 -0.44 0.03	31.07 0.19 0.00
EMPIRE_CC_1 323656	32.31 1.51 0.00	29.32 1.40 0.00	29.38 1.30 -2.07	27.99 1.27 -0.84	27.61 1.27 -0.44	29.57 1.30 -2.23	34.07 1.44 -3.88	37.25 1.60 -2.90	39.68 1.66 -3.53	44.43 1.67 -7.24	38.37 1.72 0.00	38.88 1.75 0.00	39.94 1.83 0.00	40.54 1.86 0.00	41.23 1.74 0.00	46.51 1.34 -15.95	57.55 1.49 -22.89	54.80 1.51 -19.78	49.85 1.37 -17.20	42.56 1.57 -6.21	41.55 1.46 -7.63	37.45 1.48 0.00	35.56 1.43 0.00	32.36 1.48 0.00
EMPIRE_CC_2 323658	32.31 1.51 0.00	29.32 1.40 0.00	29.38 1.30 -2.07	27.99 1.27 -0.84	27.61 1.27 -0.44	29.57 1.30 -2.23	34.07 1.44 -3.88	37.25 1.60 -2.90	39.68 1.66 -3.53	44.43 1.67 -7.24	38.37 1.72 0.00	38.88 1.75 0.00	39.94 1.83 0.00	40.54 1.86 0.00	41.23 1.74 0.00	46.51 1.34 -15.95	57.55 1.49 -22.89	54.80 1.51 -19.78	49.85 1.37 -17.20	42.56 1.57 -6.21	41.55 1.46 -7.63	37.45 1.48 0.00	35.56 1.43 0.00	32.36 1.48 0.00
ENORWICH_115KV_TB1 80156	32.87 2.06 0.00	29.77 1.84 0.00	28.13 1.56 -0.56	27.56 1.45 -0.23	27.55 1.53 -0.12	28.23 1.59 -0.60	31.58 1.78 -1.04	35.78 2.26 -0.77	37.71 2.28 -0.94	39.83 2.38 -1.94	39.17 2.53 0.01	39.59 2.49 0.03	40.62 2.55 0.05	41.14 2.67 0.21	41.39 2.09 0.20	35.43 1.93 -4.28	41.56 2.22 -6.18	41.32 2.48 -5.34	38.54 2.63 -4.64	39.52 3.06 -1.68	37.37 2.86 -2.06	38.81 2.84 0.00	36.34 2.22 0.01	32.86 1.98 0.00

ERIE_ST__34_KV_TB1-2 80199	30.62 -0.18 0.00	27.67 -0.25 0.00	25.80 -0.44 -0.23	24.96 -1.01 -0.09	25.10 -0.85 -0.05	26.13 -0.16 -0.25	28.34 -0.86 -0.44	31.47 -1.57 -0.30	33.66 -1.21 -0.37	34.53 -1.78 -0.78	35.81 -0.81 0.03	36.09 -0.93 0.11	36.94 -0.95 0.22	36.65 -1.04 0.98	37.26 -1.30 0.92	31.30 0.29 -1.79	36.01 0.27 -2.59	36.14 0.40 -2.24	33.94 0.72 -1.94	36.32 0.83 -0.70	34.07 0.75 -0.86	36.47 0.50 0.00	34.13 0.03 0.03	31.44 0.56 0.00
ERIE_WT_PWR 323693	30.43 -0.37 0.00	27.62 -0.31 0.00	25.77 -0.47 -0.23	24.91 -1.06 -0.09	25.05 -0.91 -0.05	26.10 -0.18 -0.25	28.24 -0.95 -0.43	31.96 -1.08 -0.29	33.38 -1.48 -0.37	34.69 -1.60 -0.77	35.81 -0.81 0.03	36.31 -0.71 0.12	36.97 -0.92 0.23	36.41 -1.28 1.00	37.33 -1.22 0.94	30.86 -0.12 -1.76	35.23 -0.46 -2.53	35.42 -0.27 -2.19	33.46 0.28 -1.90	35.85 0.38 -0.69	33.63 0.32 -0.84	36.04 0.07 0.00	33.69 -0.41 0.03	31.25 0.37 0.00
ESPRGFLD_115KV_TB1 80157	32.59 1.79 0.00	29.46 1.54 0.00	30.32 1.35 -2.96	28.35 1.27 -1.21	27.80 1.27 -0.63	30.60 1.38 -3.19	35.60 1.64 -5.20	38.82 1.93 -4.14	41.57 2.04 -5.04	47.92 2.06 -10.34	38.73 2.09 0.00	39.25 2.12 0.00	40.32 2.21 0.00	41.04 2.36 0.00	41.82 2.33 0.00	53.96 1.96 -22.79	68.08 2.22 -32.70	64.14 2.38 -28.26	58.13 2.28 -24.57	46.19 2.54 -8.88	45.69 2.34 -10.90	38.24 2.27 0.00	36.04 1.91 0.00	32.55 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.39 0.59 0.00	28.43 0.50 0.00	26.73 0.39 -0.33	26.24 0.23 -0.13	26.26 0.28 -0.07	26.86 0.47 -0.35	29.80 0.43 -0.62	33.87 0.69 -0.44	35.72 0.69 -0.54	37.30 0.67 -1.11	37.44 0.81 0.01	37.89 0.78 0.03	38.90 0.84 0.05	39.40 0.93 0.21	39.97 0.67 0.19	32.46 0.79 -2.45	37.54 0.76 -3.61	37.50 0.87 -3.12	34.96 0.97 -2.71	36.87 1.11 -0.98	34.70 1.04 -1.20	36.94 0.97 0.00	34.83 0.72 0.01	31.56 0.68 0.00
ETNA____115KV_TB2 80207	31.39 0.59 0.00	28.43 0.50 0.00	26.73 0.39 -0.33	26.24 0.23 -0.13	26.26 0.28 -0.07	26.86 0.47 -0.35	29.80 0.43 -0.62	33.87 0.69 -0.44	35.72 0.69 -0.54	37.30 0.67 -1.11	37.44 0.81 0.01	37.89 0.78 0.03	38.90 0.84 0.05	39.40 0.93 0.21	39.97 0.67 0.19	32.46 0.79 -2.45	37.54 0.76 -3.61	37.50 0.87 -3.12	34.96 0.97 -2.71	36.87 1.11 -0.98	34.70 1.04 -1.20	36.94 0.97 0.00	34.83 0.72 0.01	31.56 0.68 0.00
EUCLID____115KV_TB2 356179	30.28 -0.52 0.00	27.45 -0.47 0.00	25.52 -0.49 0.00	25.26 -0.62 0.00	25.33 -0.57 0.00	25.59 -0.44 0.00	28.23 -0.55 -0.01	32.11 -0.62 0.02	33.79 -0.69 0.01	34.86 -0.64 0.02	36.04 -0.59 0.02	36.47 -0.59 0.07	37.41 -0.57 0.14	37.50 -0.58 0.60	38.26 -0.67 0.56	28.84 -0.38 0.00	32.73 -0.43 0.00	33.10 -0.40 0.00	30.93 -0.34 0.00	34.43 -0.35 0.00	32.13 -0.32 0.00	35.47 -0.50 0.00	33.53 -0.58 0.02	30.42 -0.46 0.00
E_CANADA_CAP_HY 24051	32.99 2.19 0.00	29.88 1.95 0.00	31.44 1.77 -3.66	29.05 1.68 -1.49	28.34 1.66 -0.77	31.75 1.77 -3.94	37.56 2.04 -6.76	40.26 2.39 -5.13	43.15 2.41 -6.24	50.70 2.38 -12.80	38.92 2.27 0.00	39.47 2.34 0.00	40.55 2.44 0.00	41.19 2.51 0.00	42.21 2.72 0.00	59.63 2.22 -28.20	76.12 2.49 -40.47	71.12 2.65 -34.97	64.25 2.57 -30.41	48.72 2.95 -10.98	48.67 2.73 -13.49	38.67 2.70 0.00	36.45 2.32 0.00	32.92 2.04 0.00
E_CANADA_MHWK_HY 24050	31.17 0.37 0.00	28.29 0.36 0.00	26.32 0.31 0.00	26.16 0.29 0.00	26.19 0.29 0.00	26.35 0.31 0.00	29.13 0.37 0.00	33.20 0.46 0.00	34.94 0.45 0.00	36.19 0.67 0.00	37.34 0.69 0.00	37.84 0.70 0.00	38.83 0.72 0.00	39.38 0.70 0.00	39.89 0.39 0.00	29.45 0.23 0.00	33.42 0.26 0.00	33.81 0.30 0.00	31.59 0.31 0.00	35.16 0.38 0.00	32.82 0.36 0.00	36.33 0.36 0.00	34.43 0.31 0.00	31.16 0.28 0.00
E_FISHKILL____LBMP 23776	32.59 1.79 0.00	29.52 1.59 0.00	28.93 1.53 -1.39	27.92 1.48 -0.57	27.65 1.45 -0.29	29.04 1.51 -1.50	33.15 1.75 -2.64	36.62 1.93 -1.95	38.93 2.07 -2.37	42.58 2.20 -4.86	38.84 2.20 0.00	39.40 2.27 0.00	40.51 2.40 0.00	41.27 2.59 0.00	42.26 2.76 0.00	42.11 2.19 -10.71	51.14 2.62 -15.36	49.29 2.51 -13.27	45.07 2.25 -11.54	41.28 2.33 -4.17	39.69 2.11 -5.12	37.99 2.01 0.00	36.17 2.05 0.00	32.73 1.85 0.00
FALCON____SEABRD_CC1 323796	30.96 0.15 0.00	28.04 0.11 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.24 0.34 0.00	26.24 0.21 0.00	29.10 0.35 0.00	33.27 0.52 0.00	35.15 0.65 0.00	35.41 -0.11 0.00	36.39 -0.25 0.00	36.35 -0.78 0.00	37.01 -1.11 0.00	37.32 -1.35 0.00	38.23 -1.27 0.00	28.40 -0.82 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.37 -0.91 0.00	33.98 -0.80 0.00	32.30 -0.16 0.00	35.97 0.00 0.00	34.12 0.00 0.00	30.85 -0.03 0.00
FALCON____SEABRD_CC2 323797	30.96 0.15 0.00	28.04 0.11 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.24 0.34 0.00	26.24 0.21 0.00	29.10 0.35 0.00	33.27 0.52 0.00	35.15 0.65 0.00	35.41 -0.11 0.00	36.39 -0.25 0.00	36.35 -0.78 0.00	37.01 -1.11 0.00	37.32 -1.35 0.00	38.23 -1.27 0.00	28.40 -0.82 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.37 -0.91 0.00	33.98 -0.80 0.00	32.30 -0.16 0.00	35.97 0.00 0.00	34.12 0.00 0.00	30.85 -0.03 0.00
FAR ROCKAWAY____4 23548	50.50 2.74 -16.96	40.35 2.71 -9.72	33.53 2.55 -4.98	31.48 2.41 -3.20	29.72 2.41 -1.41	38.39 2.47 -9.89	36.86 2.76 -5.34	45.99 3.18 -10.07	46.34 3.10 -8.74	43.87 3.27 -5.09	44.83 2.97 -5.22	47.55 3.08 -7.33	50.30 3.24 -8.95	56.60 3.48 -14.44	65.68 3.63 -22.56	64.76 2.86 -32.68	69.50 3.42 -32.93	83.28 3.32 -46.46	70.11 3.00 -35.83	55.03 3.10 -17.15	54.90 2.86 -19.58	48.99 2.77 -10.25	44.94 2.90 -7.92	41.86 2.56 -8.42
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.87 2.06 0.00	29.74 1.82 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.93 2.29 -1.90	39.29 2.48 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.36 3.22 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.59 2.75 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.58 2.46 0.00	33.04 2.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.87 2.06 0.00	29.74 1.82 0.00	29.13 1.77 -1.36	28.14 1.71 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.93 2.29 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.36 3.22 -14.98	49.50 3.05 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.58 2.46 0.00	33.04 2.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.84 2.03 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.19 1.69 -1.46	33.34 2.01 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.89 2.63 -4.74	39.21 2.57 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.36 0.00	42.29 2.63 -10.44	51.32 3.18 -14.98	49.46 3.02 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.92 2.47 -4.99	38.27 2.30 0.00	36.55 2.42 0.00	33.01 2.13 0.00

FARRAGUT___LBMP 323566	32.81 2.00 0.00	29.69 1.76 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.81 3.32 0.00	42.26 2.60 -10.44	51.29 3.15 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.51 2.39 0.00	32.98 2.10 0.00
FENNER___WINDPWR 24204	31.29 0.49 0.00	28.37 0.45 0.00	26.53 0.36 -0.16	26.23 0.29 -0.06	26.25 0.31 -0.03	26.57 0.36 -0.17	29.46 0.40 -0.30	33.61 0.65 -0.21	35.41 0.65 -0.26	36.81 0.75 -0.54	37.48 0.84 0.01	37.96 0.85 0.03	38.94 0.88 0.05	39.37 0.93 0.24	39.98 0.71 0.23	31.09 0.67 -1.21	35.59 0.70 -1.73	35.80 0.80 -1.49	33.42 0.84 -1.30	36.19 0.94 -0.47	33.88 0.84 -0.58	36.76 0.79 0.00	34.70 0.58 0.01	31.37 0.49 0.00
FIBERTEK___ENERGY 23856	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.15 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
FITZPATRICK____ 23598	29.82 -0.99 0.00	27.06 -0.87 0.00	25.15 -0.86 0.00	24.95 -0.93 0.00	25.00 -0.91 0.00	25.20 -0.83 0.00	27.82 -0.95 -0.01	31.63 -1.11 0.00	33.32 -1.17 0.00	34.35 -1.17 0.00	35.51 -1.14 0.00	35.98 -1.15 0.00	36.93 -1.18 0.00	37.48 -1.20 0.00	38.23 -1.27 0.00	28.37 -0.85 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.84 -0.94 0.00	31.58 -0.87 0.00	34.93 -1.04 0.00	33.07 -1.06 0.00	29.96 -0.93 0.00
FLOWRFLD_69_KV_BK1 356044	51.33 3.57 -16.96	40.80 3.16 -9.72	33.98 2.99 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.64 3.83 -10.07	47.48 4.24 -8.75	44.87 4.26 -5.09	46.15 4.29 -5.22	48.85 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.03 4.98 -22.56	65.80 3.89 -32.69	92.51 4.54 -54.81	84.44 4.46 -46.48	95.12 4.07 -59.77	75.92 4.38 -36.75	56.11 4.06 -19.59	50.39 4.17 -10.25	47.01 4.13 -8.75	43.14 3.83 -8.43
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.99 2.19 0.00	29.85 1.93 0.00	29.20 1.82 -1.37	28.20 1.76 -0.56	27.90 1.71 -0.29	29.28 1.77 -1.48	33.46 2.10 -2.60	36.96 2.29 -1.92	39.35 2.52 -2.34	42.98 2.66 -4.80	39.36 2.71 0.00	39.92 2.78 0.00	41.01 2.90 0.00	41.77 3.09 0.00	42.65 3.16 0.00	42.31 2.51 -10.58	51.39 3.05 -15.18	49.64 3.02 -13.11	45.40 2.72 -11.40	41.72 2.82 -4.12	40.08 2.56 -5.06	38.49 2.52 0.00	36.62 2.49 0.00	33.10 2.22 0.00
FORT ORANGE____ 23900	32.31 1.51 0.00	29.35 1.42 0.00	30.15 1.33 -2.81	28.32 1.29 -1.15	27.79 1.29 -0.59	30.39 1.33 -3.03	35.25 1.30 -5.20	37.93 1.24 -3.94	40.53 1.24 -4.80	46.56 1.21 -9.83	37.89 1.25 0.00	38.39 1.26 0.00	39.48 1.37 0.00	40.07 1.39 0.00	40.87 1.38 0.00	51.93 1.05 -21.67	65.45 1.19 -31.10	61.58 1.20 -26.87	55.73 1.09 -23.36	44.51 1.29 -8.44	43.99 1.17 -10.36	37.19 1.22 0.00	35.32 1.19 0.00	32.24 1.36 0.00
FORT_DRUM_COGEN 23780	30.71 -0.09 0.00	27.84 -0.08 0.00	25.85 -0.16 0.00	25.72 -0.16 0.00	25.75 -0.16 0.00	25.75 -0.29 0.00	28.54 -0.23 -0.01	32.52 -0.23 -0.01	34.08 -0.41 -0.01	35.03 -0.50 -0.01	36.14 -0.51 -0.01	36.79 -0.37 -0.03	37.82 -0.34 -0.05	38.41 -0.50 -0.23	38.84 -0.87 -0.21	28.51 -0.70 0.00	32.46 -0.70 0.00	33.00 -0.50 0.00	31.09 -0.19 0.00	34.78 0.00 0.00	32.43 -0.03 0.00	35.94 -0.04 0.00	33.96 -0.17 -0.01	30.66 -0.22 0.00
FPL_FAR_ROCK_GT1 24212	50.44 2.68 -16.96	40.35 2.71 -9.72	33.54 2.55 -4.98	31.48 2.41 -3.20	29.72 2.41 -1.41	38.40 2.47 -9.89	36.83 2.73 -5.34	46.05 3.24 -10.06	46.34 3.11 -8.74	43.80 3.20 -5.08	44.83 2.97 -5.22	47.54 3.08 -7.33	50.34 3.28 -8.95	56.56 3.44 -14.44	65.68 3.63 -22.56	64.78 2.89 -32.67	69.47 3.38 -32.93	83.28 3.32 -46.46	70.08 2.97 -35.83	55.02 3.09 -17.15	54.90 2.86 -19.58	48.99 2.77 -10.25	44.87 2.83 -7.92	42.14 2.84 -8.42
FPL_FAR_ROCK_GT2 23815	50.44 2.68 -16.96	40.35 2.71 -9.72	33.54 2.55 -4.98	31.48 2.41 -3.20	29.72 2.41 -1.41	38.40 2.47 -9.89	36.83 2.73 -5.34	46.05 3.24 -10.06	46.34 3.11 -8.74	43.80 3.20 -5.08	44.83 2.97 -5.22	47.54 3.08 -7.33	50.34 3.28 -8.95	56.56 3.44 -14.44	65.68 3.63 -22.56	64.78 2.89 -32.67	69.47 3.38 -32.93	83.28 3.32 -46.46	70.08 2.97 -35.83	55.02 3.09 -17.15	54.90 2.86 -19.58	48.99 2.77 -10.25	44.87 2.83 -7.92	42.14 2.84 -8.42
FRANKLIN_FALL_HYD 24054	30.80 0.00 0.00	27.93 0.00 0.00	26.09 0.08 0.00	26.09 0.21 0.00	26.14 0.23 0.00	26.09 0.05 0.00	28.93 0.17 0.00	33.07 0.33 0.00	34.98 0.48 0.00	35.59 0.07 0.00	36.61 -0.04 0.00	37.06 -0.07 0.00	37.58 -0.53 0.00	37.87 -0.81 0.00	38.62 -0.87 0.00	28.43 -0.79 0.00	32.23 -0.93 0.00	32.60 -0.90 0.00	30.43 -0.84 0.00	34.05 -0.73 0.00	32.07 -0.39 0.00	35.79 -0.18 0.00	34.06 -0.07 0.00	30.76 -0.12 0.00
FREEPORT_EQUS_GT1 23764	50.56 2.80 -16.96	40.18 2.54 -9.72	33.38 2.39 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.27 2.34 -9.89	36.77 2.67 -5.34	45.92 3.11 -10.07	46.44 3.21 -8.74	43.87 3.27 -5.09	45.05 3.19 -5.22	47.77 3.30 -7.33	50.53 3.47 -8.95	56.79 3.68 -14.44	65.96 3.91 -22.56	64.95 3.07 -32.67	69.86 3.61 -33.08	83.48 3.52 -46.46	70.47 3.19 -36.00	55.41 3.34 -17.30	55.13 3.09 -19.58	49.38 3.17 -10.25	45.24 3.17 -7.94	42.17 2.87 -8.42
FREEPORT___CT2 23818	50.56 2.80 -16.96	40.18 2.54 -9.72	33.38 2.39 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.27 2.34 -9.89	36.77 2.67 -5.34	45.92 3.11 -10.07	46.44 3.21 -8.74	43.87 3.27 -5.09	45.05 3.19 -5.22	47.77 3.30 -7.33	50.53 3.47 -8.95	56.79 3.68 -14.44	65.96 3.91 -22.56	64.95 3.07 -32.67	69.86 3.61 -33.08	83.48 3.52 -46.46	70.47 3.19 -36.00	55.41 3.34 -17.30	55.13 3.09 -19.58	49.38 3.17 -10.25	45.24 3.17 -7.94	42.17 2.87 -8.42
FRESHKLS_33_KV_LOAD 356253	33.08 2.28 0.00	29.99 2.07 0.00	29.37 2.00 -1.36	28.37 1.94 -0.55	28.11 1.92 -0.29	29.24 1.74 -1.46	33.13 1.81 -2.56	36.73 2.10 -1.89	38.99 2.28 -2.22	42.70 2.45 -4.73	39.05 2.42 0.01	39.72 2.60 0.01	40.89 2.78 0.01	41.61 2.94 0.01	42.68 3.20 0.01	42.19 2.54 -10.43	51.32 3.18 -14.97	49.36 2.91 -12.94	45.06 2.53 -11.25	41.41 2.57 -4.06	39.94 2.50 -4.98	38.16 2.19 0.01	36.51 2.39 0.01	33.23 2.35 0.00
FULTON COGEN____ 23766	30.22 -0.59 0.00	27.37 -0.56 0.00	25.46 -0.55 0.00	25.21 -0.67 0.00	25.26 -0.65 0.00	25.52 -0.52 0.00	28.14 -0.63 -0.01	32.05 -0.72 -0.02	33.69 -0.83 -0.02	34.72 -0.82 -0.02	35.93 -0.73 -0.02	36.49 -0.74 -0.10	37.58 -0.72 -0.19	38.77 -0.73 -0.82	39.40 -0.87 -0.77	28.69 -0.53 0.00	32.56 -0.60 0.00	32.94 -0.57 0.00	30.81 -0.47 0.00	34.29 -0.49 0.00	32.00 -0.45 0.00	35.32 -0.65 0.00	33.43 -0.72 -0.03	30.32 -0.56 0.00



FULTON___LFGE 323630	33.76 2.96 0.00	30.52 2.60 0.00	32.34 2.37 -3.96	29.74 2.25 -1.61	29.05 2.30 -0.84	32.75 2.45 -4.27	38.85 2.82 -7.28	41.50 3.21 -5.55	44.45 3.21 -6.75	52.95 3.59 -13.85	40.01 3.37 0.00	40.55 3.41 0.00	41.74 3.62 0.00	42.31 3.63 0.00	42.97 3.48 0.00	62.45 2.72 -30.51	80.00 3.05 -43.79	74.70 3.35 -37.84	67.49 3.31 -32.90	50.53 3.86 -11.89	50.62 3.57 -14.59	39.57 3.60 0.00	37.20 3.07 0.00	33.54 2.66 0.00
G.F.CEMENT___DRP 24184	32.99 2.19 0.00	29.88 1.95 0.00	32.04 1.82 -4.21	29.33 1.73 -1.72	28.58 1.79 -0.89	32.47 1.90 -4.53	38.57 2.13 -7.68	41.06 2.42 -5.89	44.29 2.62 -7.18	52.93 2.70 -14.72	39.06 2.42 0.00	39.58 2.45 0.00	40.67 2.55 0.00	41.00 2.32 0.00	42.10 2.61 0.00	63.66 2.02 -32.43	81.98 2.29 -46.54	76.03 2.31 -40.21	68.58 2.35 -34.96	50.05 2.64 -12.63	50.66 2.69 -15.51	38.71 2.73 0.00	36.62 2.49 0.00	33.07 2.19 0.00
GARDENVILLE___LBMP 24039	30.46 -0.34 0.00	27.56 -0.36 0.00	25.69 -0.55 -0.23	24.86 -1.11 -0.09	24.99 -0.96 -0.05	26.02 -0.26 -0.25	28.24 -0.95 -0.44	31.63 -1.41 -0.29	33.37 -1.48 -0.36	34.58 -1.70 -0.77	35.77 -0.84 0.03	36.16 -0.85 0.12	37.05 -0.84 0.23	36.64 -1.04 1.00	37.29 -1.26 0.94	30.85 -0.12 -1.75	35.47 -0.23 -2.54	35.57 -0.13 -2.19	33.40 0.22 -1.91	35.82 0.35 -0.69	33.63 0.32 -0.85	36.04 0.07 0.00	33.79 -0.31 0.03	31.16 0.28 0.00
GARDNVLA_35_KV_LD 355827	30.62 -0.18 0.00	27.67 -0.25 0.00	25.80 -0.44 -0.23	24.94 -1.04 -0.09	25.07 -0.88 -0.05	26.13 -0.16 -0.25	28.36 -0.83 -0.44	31.76 -1.28 -0.29	33.51 -1.35 -0.37	34.73 -1.56 -0.77	35.96 -0.66 0.03	36.31 -0.71 0.12	37.24 -0.65 0.23	36.84 -0.85 0.99	37.49 -1.07 0.93	31.07 0.09 -1.76	35.68 -0.03 -2.55	35.75 0.03 -2.21	33.60 0.41 -1.92	36.03 0.56 -0.69	33.80 0.49 -0.85	36.22 0.25 0.00	33.92 -0.17 0.03	31.31 0.43 0.00
GELCKHM__115KV_LOAD 80723	30.43 -0.37 0.00	27.56 -0.36 0.00	25.62 -0.39 0.00	25.39 -0.49 0.00	25.44 -0.47 0.00	25.70 -0.34 0.00	28.34 -0.43 -0.02	32.28 -0.46 0.01	33.97 -0.52 0.01	35.01 -0.50 0.01	36.19 -0.44 0.01	36.64 -0.45 0.04	37.61 -0.42 0.09	37.87 -0.43 0.38	38.62 -0.51 0.36	28.98 -0.23 0.00	32.86 -0.30 0.00	33.24 -0.27 0.00	31.06 -0.22 0.00	34.57 -0.21 0.00	32.26 -0.19 0.00	35.61 -0.36 0.00	33.67 -0.44 0.01	30.51 -0.37 0.00
GENERAL___MILLS 23808	30.53 -0.28 0.00	27.62 -0.31 0.00	25.75 -0.49 -0.23	24.89 -1.09 -0.09	25.05 -0.91 -0.05	26.08 -0.21 -0.25	28.30 -0.89 -0.44	31.66 -1.38 -0.29	33.44 -1.41 -0.36	34.66 -1.63 -0.77	35.85 -0.77 0.03	36.20 -0.82 0.12	37.12 -0.76 0.23	36.72 -0.97 0.99	37.37 -1.18 0.93	30.98 0.00 -1.76	35.58 -0.13 -2.55	35.68 -0.03 -2.20	33.54 0.34 -1.92	35.92 0.45 -0.69	33.73 0.42 -0.85	36.15 0.18 0.00	33.86 -0.24 0.03	31.22 0.34 0.00
GE_PLASTICS___DRP 24183	32.04 1.23 0.00	29.18 1.26 0.00	29.74 1.17 -2.56	28.06 1.14 -1.04	27.59 1.14 -0.54	29.97 1.17 -2.76	34.69 1.18 -4.75	37.61 1.28 -3.59	40.20 1.35 -4.37	45.86 1.39 -8.95	38.04 1.37 0.00	38.51 1.37 0.00	39.60 1.49 0.00	40.11 1.43 0.00	41.03 1.54 0.00	50.17 1.23 -19.73	62.86 1.39 -28.31	59.34 1.37 -24.46	53.80 1.25 -21.27	43.85 1.39 -7.68	43.16 1.27 -9.43	37.27 1.29 0.00	35.42 1.30 0.00	32.12 1.24 0.00
GILBOA___1 23756	31.94 1.14 0.00	28.96 1.03 0.00	28.25 0.99 -1.25	27.32 0.93 -0.51	27.10 0.93 -0.26	28.37 0.99 -1.35	32.24 1.09 -2.39	35.74 1.24 -1.76	37.91 1.28 -2.14	41.21 1.31 -4.38	37.96 1.32 0.00	38.51 1.37 0.00	39.56 1.45 0.00	40.19 1.51 0.00	41.07 1.58 0.00	40.19 1.32 -9.66	48.41 1.39 -13.86	46.85 1.37 -11.97	42.97 1.28 -10.41	39.97 1.43 -3.76	38.38 1.30 -4.62	37.23 1.26 0.00	35.39 1.26 0.00	32.05 1.17 0.00
GILBOA___2 23757	31.94 1.14 0.00	28.96 1.03 0.00	28.25 0.99 -1.25	27.32 0.93 -0.51	27.10 0.93 -0.26	28.37 0.99 -1.35	32.24 1.09 -2.39	35.74 1.24 -1.76	37.91 1.28 -2.14	41.21 1.31 -4.38	37.96 1.32 0.00	38.51 1.37 0.00	39.56 1.45 0.00	40.19 1.51 0.00	41.07 1.58 0.00	40.19 1.32 -9.66	48.41 1.39 -13.86	46.85 1.37 -11.97	42.97 1.28 -10.41	39.97 1.43 -3.76	38.38 1.30 -4.62	37.23 1.26 0.00	35.39 1.26 0.00	32.05 1.17 0.00
GILBOA___3 23758	31.94 1.14 0.00	28.96 1.03 0.00	28.25 0.99 -1.25	27.32 0.93 -0.51	27.10 0.93 -0.26	28.37 0.99 -1.35	32.24 1.09 -2.39	35.74 1.24 -1.76	37.91 1.28 -2.14	41.21 1.31 -4.38	37.96 1.32 0.00	38.51 1.37 0.00	39.56 1.45 0.00	40.19 1.51 0.00	41.07 1.58 0.00	40.19 1.32 -9.66	48.41 1.39 -13.86	46.85 1.37 -11.97	42.97 1.28 -10.41	39.97 1.43 -3.76	38.38 1.30 -4.62	37.23 1.26 0.00	35.39 1.26 0.00	32.05 1.17 0.00
GILBOA___4 23759	31.94 1.14 0.00	28.96 1.03 0.00	28.25 0.99 -1.25	27.32 0.93 -0.51	27.10 0.93 -0.26	28.37 0.99 -1.35	32.24 1.09 -2.39	35.74 1.24 -1.76	37.91 1.28 -2.14	41.21 1.31 -4.38	37.96 1.32 0.00	38.51 1.37 0.00	39.56 1.45 0.00	40.19 1.51 0.00	41.07 1.58 0.00	40.19 1.32 -9.66	48.41 1.39 -13.86	46.85 1.37 -11.97	42.97 1.28 -10.41	39.97 1.43 -3.76	38.38 1.30 -4.62	37.23 1.26 0.00	35.39 1.26 0.00	32.05 1.17 0.00
GILBOA___ 23599	31.94 1.14 0.00	28.96 1.03 0.00	28.25 0.99 -1.25	27.32 0.93 -0.51	27.10 0.93 -0.26	28.38 0.99 -1.35	32.24 1.09 -2.39	35.68 1.18 -1.76	37.91 1.28 -2.14	41.25 1.35 -4.38	37.96 1.32 0.00	38.47 1.34 0.00	39.52 1.41 0.00	40.19 1.51 0.00	41.07 1.58 0.00	40.19 1.31 -9.66	48.48 1.46 -13.86	46.89 1.41 -11.98	43.00 1.31 -10.41	39.97 1.43 -3.76	38.41 1.33 -4.62	37.23 1.26 0.00	35.42 1.30 0.00	32.05 1.17 0.00
GINNA___ 23603	28.89 -1.91 0.00	26.19 -1.73 0.00	24.42 -1.74 -0.16	23.92 -2.02 -0.06	23.94 -1.99 -0.03	24.61 -1.59 -0.17	27.15 -1.90 -0.30	30.60 -2.32 -0.18	32.17 -2.55 -0.23	33.61 -2.42 -0.51	34.48 -2.13 0.03	34.83 -2.15 0.15	35.65 -2.17 0.29	35.04 -2.36 1.28	35.92 -2.37 1.20	28.75 -1.66 -1.20	33.19 -1.69 -1.72	33.25 -1.74 -1.49	31.04 -1.53 -1.29	33.58 -1.67 -0.47	31.47 -1.56 -0.57	34.14 -1.83 0.00	32.31 -1.78 0.04	29.31 -1.57 0.00
GLEN PARK___ 23778	30.80 0.00 0.00	27.93 0.00 0.00	25.91 -0.10 0.00	25.78 -0.10 0.00	25.80 -0.10 0.00	25.80 -0.23 0.00	28.60 -0.17 -0.01	32.52 -0.23 -0.01	34.12 -0.38 -0.01	35.10 -0.42 -0.01	36.21 -0.44 -0.01	36.90 -0.26 -0.03	37.94 -0.23 -0.06	38.51 -0.42 -0.25	38.94 -0.79 -0.24	28.63 -0.58 0.00	32.60 -0.56 0.00	33.20 -0.30 0.00	31.25 -0.03 0.00	34.99 0.21 0.00	32.62 0.16 0.00	36.12 0.14 0.00	34.10 -0.03 -0.01	30.76 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	33.08 2.28 0.00	29.91 1.98 0.00	29.32 1.95 -1.36	28.29 1.86 -0.55	28.06 1.87 -0.29	29.32 1.82 -1.46	33.49 2.16 -2.57	37.03 2.39 -1.90	39.39 2.59 -2.31	43.03 2.77 -4.74	39.39 2.75 0.00	40.03 2.90 0.00	41.20 3.09 0.00	42.01 3.33 0.00	43.04 3.55 0.00	42.46 2.80 -10.44	51.56 3.42 -14.98	49.67 3.22 -12.94	45.35 2.81 -11.25	41.73 2.89 -4.07	40.11 2.66 -4.99	38.42 2.45 0.00	36.79 2.66 0.00	33.29 2.41 0.00

GLENWOOD_IC_1_G5 23712	50.04 2.28 -16.96	39.65 2.01 -9.72	32.91 1.92 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.49 2.39 -5.34	45.27 2.46 -10.07	45.93 2.69 -8.74	43.45 2.84 -5.09	44.72 2.86 -5.22	47.47 3.01 -7.33	50.26 3.20 -8.95	56.56 3.44 -14.44	65.68 3.63 -22.56	64.76 2.86 -32.68	69.62 3.38 -33.08	83.25 3.28 -46.46	70.18 2.91 -36.00	55.09 3.03 -17.29	54.80 2.76 -19.58	48.88 2.66 -10.25	44.76 2.70 -7.94	41.68 2.38 -8.42
GLENWOOD_IC_2_G1 23688	49.95 2.19 -16.96	39.65 2.01 -9.72	32.91 1.92 -4.98	30.94 1.86 -3.20	29.15 1.84 -1.41	37.82 1.90 -9.89	36.28 2.18 -5.34	45.30 2.49 -10.06	45.89 2.66 -8.74	43.34 2.74 -5.08	44.65 2.78 -5.22	47.40 2.93 -7.33	50.14 3.09 -8.95	56.40 3.29 -14.44	65.56 3.51 -22.56	64.66 2.78 -32.67	69.34 3.25 -32.93	83.11 3.15 -46.46	69.92 2.82 -35.83	54.85 2.92 -17.15	54.73 2.69 -19.58	48.81 2.59 -10.25	44.63 2.59 -7.92	41.64 2.35 -8.42
GLENWOOD_IC_3_G1 23689	49.95 2.19 -16.96	39.65 2.01 -9.72	32.91 1.92 -4.98	30.94 1.86 -3.20	29.15 1.84 -1.41	37.82 1.90 -9.89	36.28 2.18 -5.34	45.30 2.49 -10.06	45.89 2.66 -8.74	43.34 2.74 -5.08	44.65 2.78 -5.22	47.40 2.93 -7.33	50.14 3.09 -8.95	56.40 3.29 -14.44	65.56 3.51 -22.56	64.66 2.78 -32.67	69.34 3.25 -32.93	83.11 3.15 -46.46	69.92 2.82 -35.83	54.85 2.92 -17.15	54.73 2.69 -19.58	48.81 2.59 -10.25	44.63 2.59 -7.92	41.64 2.35 -8.42
GLENWOOD___4 23550	50.10 2.34 -16.96	39.71 2.07 -9.72	32.96 1.98 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.49 2.39 -5.34	45.36 2.55 -10.07	46.03 2.79 -8.74	43.55 2.95 -5.09	44.83 2.97 -5.22	47.55 3.08 -7.33	50.34 3.28 -8.95	56.64 3.52 -14.44	65.76 3.71 -22.56	64.84 2.95 -32.68	69.72 3.48 -33.08	83.35 3.38 -46.46	70.28 3.00 -36.00	55.16 3.10 -17.29	54.90 2.86 -19.58	48.99 2.77 -10.25	44.83 2.76 -7.94	41.77 2.47 -8.42
GLENWOOD___5 23614	50.10 2.34 -16.96	39.71 2.07 -9.72	32.96 1.98 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.49 2.39 -5.34	45.36 2.55 -10.07	46.03 2.79 -8.74	43.55 2.95 -5.09	44.83 2.97 -5.22	47.55 3.08 -7.33	50.34 3.28 -8.95	56.64 3.52 -14.44	65.76 3.71 -22.56	64.84 2.95 -32.68	69.72 3.48 -33.08	83.35 3.38 -46.46	70.28 3.00 -36.00	55.16 3.10 -17.29	54.90 2.86 -19.58	48.99 2.77 -10.25	44.83 2.76 -7.94	41.77 2.47 -8.42
GLOBAL GREEN_PORT_GT1 23814	52.63 4.87 -16.96	42.03 4.38 -9.72	35.09 4.11 -4.98	33.06 3.98 -3.20	31.30 3.99 -1.41	40.01 4.09 -9.89	38.73 4.63 -5.34	48.21 5.40 -10.07	49.38 6.14 -8.75	46.65 6.04 -5.09	48.13 6.26 -5.22	50.89 6.42 -7.33	53.62 6.56 -8.95	60.00 6.88 -14.44	69.40 7.34 -22.56	67.60 5.70 -32.68	89.10 6.57 -49.37	86.51 6.53 -46.47	91.14 6.04 -53.83	73.28 6.61 -31.89	58.02 5.97 -19.59	52.33 6.12 -10.25	50.30 5.80 -10.38	44.56 5.25 -8.42
GLOBE___DSASP 323697	29.63 -1.17 0.00	26.61 -1.31 0.00	25.02 -1.20 -0.21	24.15 -1.81 -0.08	24.26 -1.68 -0.04	25.35 -0.91 -0.23	27.23 -1.93 -0.40	30.65 -2.36 -0.26	31.96 -2.86 -0.33	33.40 -2.81 -0.69	34.56 -2.05 0.03	34.96 -2.04 0.13	35.85 -2.02 0.24	35.28 -2.32 1.08	35.99 -2.49 1.01	29.41 -1.40 -1.59	33.75 -1.72 -2.32	33.83 -1.68 -2.00	31.86 -1.16 -1.74	34.33 -1.08 -0.63	32.26 -0.97 -0.77	34.60 -1.37 0.00	32.52 -1.57 0.03	30.14 -0.74 0.00
GOETHSLN___LBMP 323567	32.62 1.82 0.00	29.52 1.59 0.00	28.93 1.56 -1.36	27.93 1.50 -0.55	27.67 1.48 -0.29	29.00 1.51 -1.46	33.17 1.84 -2.57	36.67 2.03 -1.90	38.89 2.17 -2.22	42.64 2.38 -4.74	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	42.08 2.42 -10.44	51.09 2.95 -14.98	49.23 2.78 -12.94	44.94 2.41 -11.25	41.28 2.43 -4.07	39.66 2.21 -4.99	38.02 2.05 0.00	36.31 2.18 0.00	32.80 1.91 0.00
GOLAH___69_KV_TB 1_2 80279	30.62 -0.18 0.00	27.76 -0.17 0.00	25.81 -0.36 -0.16	25.17 -0.78 -0.07	25.24 -0.70 -0.03	26.11 -0.10 -0.18	28.58 -0.49 -0.31	32.41 -0.52 -0.19	33.80 -0.93 -0.24	35.32 -0.71 -0.52	36.50 -0.11 0.03	36.95 -0.04 0.14	37.80 -0.04 0.27	37.32 -0.15 1.20	37.97 -0.39 1.13	30.43 0.00 -1.21	34.80 -0.17 -1.80	34.93 -0.13 -1.56	32.79 0.16 -1.35	35.55 0.28 -0.49	33.32 0.26 -0.60	36.19 0.22 0.00	34.05 -0.03 0.04	31.22 0.34 0.00
GOODYEAR_LAKE_HYD 323669	32.22 1.42 0.00	29.18 1.26 0.00	28.69 1.09 -1.59	27.54 1.01 -0.65	27.28 1.04 -0.34	28.87 1.12 -1.71	32.91 1.29 -2.86	36.51 1.54 -2.23	38.86 1.66 -2.72	42.86 1.78 -5.57	38.48 1.83 0.00	38.99 1.86 0.00	40.06 1.94 0.00	40.77 2.09 0.00	41.47 1.97 0.00	43.18 1.69 -12.27	52.69 1.92 -17.60	50.69 1.98 -15.21	46.38 1.88 -13.22	41.61 2.05 -4.78	40.21 1.88 -5.87	37.73 1.76 0.00	35.69 1.57 0.00	32.24 1.36 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.14 0.34 0.00	28.20 0.28 0.00	26.69 0.21 -0.48	26.07 0.00 -0.19	26.08 0.08 -0.10	26.86 0.31 -0.51	29.83 0.17 -0.90	33.51 0.10 -0.66	35.47 0.17 -0.81	37.29 0.11 -1.67	37.00 0.37 0.01	37.47 0.37 0.03	38.47 0.42 0.06	38.91 0.50 0.28	39.59 0.36 0.26	33.58 0.67 -3.69	39.16 0.73 -5.27	38.83 0.77 -4.55	36.08 0.84 -3.96	37.08 0.87 -1.43	34.99 0.78 -1.76	36.65 0.68 0.00	34.59 0.48 0.01	31.41 0.52 0.00
GOUDEY___7 23579	31.17 0.37 0.00	28.23 0.31 0.00	26.69 0.21 -0.48	26.10 0.03 -0.19	26.08 0.08 -0.10	26.86 0.31 -0.51	29.86 0.20 -0.90	33.54 0.13 -0.66	35.51 0.21 -0.81	37.33 0.14 -1.67	37.08 0.44 0.01	37.51 0.41 0.03	38.51 0.46 0.06	38.94 0.54 0.28	39.63 0.39 0.26	33.61 0.70 -3.69	39.19 0.76 -5.27	38.86 0.80 -4.55	36.11 0.88 -3.96	37.11 0.90 -1.43	35.03 0.81 -1.76	36.69 0.72 0.00	34.63 0.51 0.01	31.44 0.56 0.00
GOUDEY___8 23580	31.14 0.34 0.00	28.20 0.28 0.00	26.69 0.21 -0.48	26.07 0.00 -0.19	26.08 0.08 -0.10	26.86 0.31 -0.51	29.83 0.17 -0.90	33.51 0.10 -0.66	35.47 0.17 -0.81	37.29 0.11 -1.67	37.00 0.37 0.01	37.47 0.37 0.03	38.47 0.42 0.06	38.91 0.50 0.28	39.59 0.36 0.26	33.58 0.67 -3.69	39.16 0.73 -5.27	38.83 0.77 -4.55	36.08 0.84 -3.96	37.08 0.87 -1.43	34.99 0.78 -1.76	36.65 0.68 0.00	34.59 0.48 0.01	31.41 0.52 0.00
GOWANUS_GT1_1 24077	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_2 24078	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00

GOWANUS_GT1_3 24079	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_4 24080	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_5 24084	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_6 24111	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_7 24112	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT1_8 24113	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT2_1 24114	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_2 24115	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_3 24116	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_4 24117	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_5 24118	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_6 24119	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_7 24120	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT2_8 24121	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_1 24122	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00

GOWANUS_GT3_2 24123	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_3 24124	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_4 24125	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_5 24126	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_6 24127	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_7 24128	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT3_8 24129	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
GOWANUS_GT4_1 24130	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_2 24131	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_3 24132	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_4 24133	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_5 24134	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_6 24135	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_7 24136	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GOWANUS_GT4_8 24137	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00

GREENBSH_115KV_TB3 55895	32.00 1.20 0.00	29.24 1.31 0.00	30.08 1.20 -2.88	28.24 1.19 -1.17	27.70 1.19 -0.61	30.36 1.22 -3.10	35.22 1.15 -5.31	38.02 1.24 -4.03	40.67 1.28 -4.90	46.85 1.28 -10.05	37.96 1.32 0.00	38.43 1.30 0.00	39.52 1.41 0.00	39.99 1.32 0.00	40.95 1.46 0.00	52.51 1.14 -22.15	66.24 1.29 -31.79	62.25 1.27 -27.47	56.32 1.16 -23.88	44.69 1.29 -8.63	44.22 1.17 -10.59	37.19 1.22 0.00	35.35 1.23 0.00	32.09 1.20 0.00
GREENDGE_115KV_TB5 80291	30.99 0.18 0.00	28.04 0.11 0.00	26.26 -0.03 -0.28	25.65 -0.34 -0.11	25.73 -0.23 -0.06	26.52 0.18 -0.30	29.25 -0.03 -0.52	33.51 0.36 -0.40	35.30 0.31 -0.49	36.75 0.21 -1.02	37.15 0.51 0.01	37.57 0.48 0.04	38.49 0.46 0.08	38.74 0.43 0.37	39.27 0.12 0.34	32.42 0.93 -2.27	36.42 0.20 -3.06	36.48 0.34 -2.64	34.29 0.72 -2.30	36.24 0.63 -0.83	34.35 0.88 -1.02	36.73 0.76 0.00	34.48 0.38 0.02	31.37 0.49 0.00
GREENIDGE___3 23582	30.99 0.18 0.00	28.04 0.11 0.00	26.26 -0.03 -0.28	25.65 -0.34 -0.11	25.73 -0.23 -0.06	26.52 0.18 -0.30	29.25 -0.03 -0.52	33.51 0.36 -0.40	35.30 0.31 -0.49	36.75 0.21 -1.02	37.15 0.51 0.01	37.57 0.48 0.04	38.49 0.46 0.08	38.74 0.43 0.37	39.27 0.12 0.34	32.42 0.93 -2.27	36.42 0.20 -3.06	36.48 0.34 -2.64	34.29 0.72 -2.30	36.24 0.63 -0.83	34.35 0.88 -1.02	36.73 0.76 0.00	34.48 0.38 0.02	31.37 0.49 0.00
GREENIDGE___4 23583	30.93 0.12 0.00	28.04 0.11 0.00	26.26 -0.03 -0.28	25.65 -0.34 -0.11	25.73 -0.23 -0.06	26.52 0.18 -0.30	29.25 -0.03 -0.52	33.64 0.52 -0.38	35.23 0.27 -0.46	36.65 0.18 -0.95	37.11 0.48 0.01	37.61 0.52 0.04	38.29 0.27 0.09	38.57 0.27 0.38	39.25 0.12 0.36	32.16 0.82 -2.12	36.31 0.10 -3.05	36.41 0.27 -2.63	34.29 0.72 -2.29	36.16 0.55 -0.83	34.29 0.81 -1.02	36.65 0.68 0.00	34.45 0.34 0.02	31.34 0.46 0.00
GREENLWN_69_KV_BK 3 55738	50.75 2.99 -16.96	40.29 2.65 -9.72	33.48 2.50 -4.98	31.46 2.38 -3.20	29.70 2.38 -1.41	38.37 2.45 -9.89	36.92 2.82 -5.34	46.02 3.21 -10.07	46.69 3.45 -8.75	44.13 3.52 -5.10	45.39 3.52 -5.22	48.11 3.64 -7.34	50.84 3.77 -8.95	57.15 4.02 -14.44	66.32 4.26 -22.56	65.23 3.33 -32.68	67.62 3.91 -30.54	83.78 3.82 -46.46	67.94 3.44 -33.22	53.42 3.62 -15.02	55.43 3.38 -19.59	49.57 3.35 -10.25	45.77 3.41 -8.24	42.40 3.09 -8.43
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00
GRISSOM___SOLAR 323813	33.76 2.96 0.00	30.52 2.60 0.00	32.34 2.37 -3.96	29.74 2.25 -1.61	29.05 2.30 -0.84	32.75 2.45 -4.27	38.85 2.82 -7.28	41.50 3.21 -5.55	44.45 3.21 -6.75	52.95 3.59 -13.85	40.01 3.37 0.00	40.55 3.41 0.00	41.74 3.62 0.00	42.31 3.63 0.00	42.97 3.48 0.00	62.45 2.72 -30.51	80.00 3.05 -43.79	74.70 3.35 -37.84	67.49 3.31 -32.90	50.53 3.86 -11.89	50.62 3.57 -14.59	39.57 3.60 0.00	37.20 3.07 0.00	33.54 2.66 0.00
GROVEVILLE___HYD 323602	32.99 2.19 0.00	29.85 1.93 0.00	29.20 1.82 -1.37	28.20 1.76 -0.56	27.90 1.71 -0.29	29.28 1.77 -1.48	33.46 2.10 -2.60	36.96 2.29 -1.92	39.35 2.52 -2.34	42.98 2.66 -4.80	39.36 2.71 0.00	39.92 2.78 0.00	41.01 2.90 0.00	41.77 3.09 0.00	42.65 3.16 0.00	42.31 2.51 -10.58	51.39 3.05 -15.18	49.64 3.02 -13.11	45.40 2.72 -11.40	41.72 2.82 -4.12	40.08 2.56 -5.06	38.49 2.52 0.00	36.62 2.49 0.00	33.10 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.15 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	30.74 -0.06 0.00	27.87 -0.06 0.00	26.02 -0.13 -0.14	25.68 -0.26 -0.06	25.73 -0.21 -0.03	26.11 -0.08 -0.15	28.88 -0.14 -0.26	32.87 -0.07 -0.20	34.59 -0.14 -0.24	35.87 -0.14 -0.49	36.64 0.00 0.00	37.13 0.00 0.00	38.19 0.08 0.00	38.76 0.08 0.00	39.49 0.00 0.00	30.48 0.18 -1.09	34.84 0.13 -1.54	35.01 0.17 -1.33	32.66 0.22 -1.16	35.44 0.24 -0.42	33.20 0.23 -0.51	36.08 0.11 0.00	34.09 -0.03 0.00	30.91 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	30.59 -0.21 0.00	27.73 -0.19 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.78 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.09 -0.42 0.00	36.09 -0.55 0.00	36.58 -0.56 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.34 -1.15 0.00	28.14 -1.08 0.00	32.00 -1.16 0.00	32.47 -1.04 0.00	30.37 -0.91 0.00	33.94 -0.84 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	31.11 0.31 0.00	28.23 0.31 0.00	26.30 0.29 0.00	26.14 0.26 0.00	26.16 0.26 0.00	26.32 0.29 0.00	29.07 0.32 0.00	33.17 0.42 0.00	34.91 0.42 0.00	36.16 0.64 0.00	37.30 0.66 0.00	37.80 0.67 0.00	38.80 0.69 0.00	39.34 0.66 0.00	39.81 0.31 0.00	29.39 0.18 0.00	33.36 0.20 0.00	33.74 0.24 0.00	31.50 0.22 0.00	35.06 0.28 0.00	32.72 0.26 0.00	36.26 0.29 0.00	34.36 0.24 0.00	31.10 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.62 1.82 0.00	29.52 1.59 0.00	28.77 1.51 -1.25	27.86 1.48 -0.51	27.62 1.45 -0.26	28.87 1.48 -1.35	32.91 1.78 -2.37	36.43 1.93 -1.75	38.80 2.17 -2.13	42.31 2.42 -4.37	39.10 2.46 0.00	39.69 2.56 0.00	40.78 2.67 0.00	41.58 2.90 0.00	42.37 2.88 0.00	41.16 2.31 -9.64	49.80 2.82 -13.83	48.20 2.75 -11.95	44.13 2.47 -10.39	41.04 2.50 -3.75	39.34 2.27 -4.61	38.13 2.16 0.00	36.27 2.15 0.00	32.76 1.88 0.00
HARSNRAD_115KV_TB1 81005	30.09 -0.71 0.00	27.28 -0.64 0.00	25.36 -0.86 -0.20	24.49 -1.48 -0.08	24.63 -1.32 -0.04	25.68 -0.57 -0.22	27.82 -1.32 -0.39	31.33 -1.67 -0.25	32.74 -2.07 -0.32	34.13 -2.06 -0.68	35.37 -1.25 0.03	35.78 -1.23 0.13	36.69 -1.18 0.25	36.13 -1.47 1.08	36.82 -1.66 1.02	30.10 -0.67 -1.56	34.54 -0.90 -2.27	34.66 -0.80 -1.96	32.64 -0.34 -1.71	35.19 -0.21 -0.62	33.02 -0.19 -0.76	35.47 -0.50 0.00	33.27 -0.82 0.03	30.76 -0.12 0.00
HARZA MOOSE___RIVER 24016	31.14 0.34 0.00	28.23 0.31 0.00	26.24 0.23 0.00	26.09 0.21 0.00	26.11 0.21 0.00	26.19 0.16 0.00	28.99 0.23 -0.01	33.14 0.39 0.00	34.84 0.34 0.00	35.98 0.46 0.00	37.16 0.51 0.00	37.65 0.52 0.00	38.68 0.57 0.00	39.22 0.54 0.00	39.69 0.20 0.00	29.36 0.15 0.00	33.39 0.23 0.00	33.84 0.34 0.00	31.68 0.41 0.00	35.30 0.52 0.00	32.91 0.45 0.00	36.44 0.47 0.00	34.47 0.34 0.00	31.13 0.25 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	30.43 -0.37 0.00	27.59 -0.34 0.00	25.65 -0.36 0.00	25.39 -0.49 0.00	25.44 -0.47 0.00	25.72 -0.31 0.00	28.37 -0.40 -0.02	32.27 -0.46 0.01	34.00 -0.48 0.01	35.04 -0.46 0.01	36.23 -0.40 0.01	36.67 -0.41 0.05	37.63 -0.38 0.10	37.88 -0.35 0.45	38.59 -0.47 0.42	29.01 -0.20 0.00	32.93 -0.23 0.00	33.27 -0.23 0.00	31.12 -0.16 0.00	34.61 -0.17 0.00	32.30 -0.16 0.00	35.65 -0.32 0.00	33.70 -0.41 0.01	30.54 -0.34 0.00
HELLGATE_13_KV_LD 55870	32.96 2.16 0.00	29.80 1.87 0.00	29.21 1.85 -1.36	28.19 1.76 -0.55	27.95 1.76 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.18 2.38 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.32 3.18 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.88 2.43 -4.99	38.20 2.23 0.00	36.58 2.46 0.00	33.13 2.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.96 2.16 0.00	29.80 1.87 0.00	29.21 1.85 -1.36	28.19 1.76 -0.55	27.95 1.76 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.18 2.38 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.32 3.18 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.88 2.43 -4.99	38.20 2.23 0.00	36.58 2.46 0.00	33.13 2.25 0.00
HEMPSTEAD____ 23647	50.23 2.47 -16.96	39.88 2.23 -9.72	33.12 2.13 -4.98	31.15 2.07 -3.20	29.36 2.05 -1.41	38.03 2.11 -9.89	36.51 2.42 -5.34	45.59 2.78 -10.07	46.17 2.93 -8.74	43.59 2.98 -5.09	44.87 3.01 -5.22	47.58 3.12 -7.33	50.34 3.28 -8.95	56.64 3.52 -14.44	65.80 3.75 -22.56	64.84 2.95 -32.67	69.68 3.45 -33.08	83.31 3.35 -46.46	70.30 3.03 -35.99	55.23 3.16 -17.29	54.97 2.92 -19.58	49.06 2.84 -10.25	44.93 2.87 -7.94	41.90 2.59 -8.42
HEWLETT__69_KV_BK3 55828	50.47 2.71 -16.96	40.18 2.54 -9.72	33.40 2.42 -4.98	31.35 2.28 -3.20	29.59 2.28 -1.41	38.26 2.34 -9.89	36.72 2.62 -5.34	45.82 3.01 -10.07	46.30 3.07 -8.74	43.83 3.23 -5.09	44.90 3.04 -5.22	47.62 3.16 -7.33	50.37 3.32 -8.95	56.64 3.52 -14.44	65.76 3.71 -22.56	64.81 2.92 -32.68	69.57 3.48 -32.93	83.35 3.38 -46.46	70.14 3.03 -35.83	55.10 3.16 -17.15	54.96 2.92 -19.58	49.06 2.84 -10.25	45.01 2.97 -7.92	41.95 2.66 -8.42
HICKLING___1 23621	31.36 0.55 0.00	28.40 0.47 0.00	26.68 0.31 -0.36	26.00 -0.03 -0.15	26.06 0.08 -0.08	26.94 0.52 -0.39	29.67 0.23 -0.68	33.34 0.10 -0.49	35.34 0.24 -0.61	36.81 0.04 -1.25	37.22 0.59 0.01	37.64 0.56 0.05	38.54 0.53 0.10	38.85 0.62 0.45	39.54 0.47 0.43	33.09 1.08 -2.79	38.16 1.03 -3.97	38.11 1.17 -3.43	35.60 1.34 -2.98	37.25 1.39 -1.08	35.08 1.30 -1.32	37.19 1.22 0.00	34.93 0.82 0.02	31.84 0.96 0.00
HICKLING___2 23622	31.36 0.55 0.00	28.40 0.47 0.00	26.68 0.31 -0.36	26.00 -0.03 -0.15	26.06 0.08 -0.08	26.94 0.52 -0.39	29.67 0.23 -0.68	33.34 0.10 -0.49	35.34 0.24 -0.61	36.81 0.04 -1.25	37.22 0.59 0.01	37.64 0.56 0.05	38.54 0.53 0.10	38.85 0.62 0.45	39.54 0.47 0.43	33.09 1.08 -2.79	38.16 1.03 -3.97	38.11 1.17 -3.43	35.60 1.34 -2.98	37.25 1.39 -1.08	35.08 1.30 -1.32	37.19 1.22 0.00	34.93 0.82 0.02	31.84 0.96 0.00
HIGH FALLS___HY 23754	32.62 1.82 0.00	29.49 1.56 0.00	28.91 1.43 -1.47	27.85 1.37 -0.60	27.56 1.35 -0.31	29.00 1.38 -1.59	33.26 1.73 -2.78	36.64 1.83 -2.06	39.04 2.04 -2.51	42.95 2.27 -5.16	38.88 2.24 0.00	39.51 2.38 0.00	40.59 2.48 0.00	41.43 2.75 0.00	42.14 2.65 0.00	42.77 2.19 -11.36	52.14 2.69 -16.30	50.27 2.68 -14.08	45.99 2.47 -12.24	41.71 2.50 -4.42	40.16 2.27 -5.43	38.09 2.12 0.00	36.27 2.15 0.00	32.76 1.88 0.00
HILLBURN___GT 23639	32.47 1.66 0.00	29.43 1.51 0.00	28.74 1.46 -1.27	27.79 1.40 -0.52	27.57 1.40 -0.27	28.84 1.43 -1.37	32.87 1.70 -2.42	36.46 1.93 -1.78	38.73 2.07 -2.17	42.28 2.31 -4.45	39.06 2.42 0.00	39.69 2.56 0.00	40.78 2.67 0.00	41.54 2.86 0.00	42.41 2.92 0.00	41.36 2.34 -9.81	49.99 2.75 -14.08	48.32 2.65 -12.16	44.26 2.41 -10.58	41.00 2.40 -3.82	39.32 2.17 -4.69	38.02 2.05 0.00	36.14 2.01 0.00	32.70 1.82 0.00
HILLSIDE_115KV_TB1 80332	30.80 0.00 0.00	27.90 -0.03 0.00	26.23 -0.16 -0.37	25.56 -0.47 -0.15	25.62 -0.36 -0.08	26.49 0.05 -0.40	29.20 -0.26 -0.70	32.77 -0.49 -0.51	34.74 -0.38 -0.63	36.25 -0.57 -1.30	36.56 -0.07 0.01	37.01 -0.07 0.05	37.90 -0.11 0.10	38.25 0.00 0.43	38.93 -0.16 0.40	32.67 0.56 -2.90	37.74 0.46 -4.12	37.63 0.57 -3.56	35.09 0.72 -3.09	36.56 0.66 -1.12	34.45 0.62 -1.37	36.44 0.47 0.00	34.28 0.17 0.01	31.22 0.34 0.00
HISHELDN_WT_PWR 323625	30.40 -0.40 0.00	27.59 -0.33 0.00	25.76 -0.49 -0.25	24.94 -1.04 -0.10	25.08 -0.88 -0.05	26.09 -0.21 -0.27	28.33 -0.89 -0.47	31.99 -1.08 -0.32	33.48 -1.42 -0.40	34.83 -1.53 -0.84	35.81 -0.81 0.02	36.32 -0.71 0.11	36.99 -0.92 0.21	36.53 -1.24 0.91	37.45 -1.18 0.86	30.92 -0.20 -1.90	35.36 -0.53 -2.73	35.53 -0.34 -2.36	33.49 0.16 -2.05	35.77 0.25 -0.74	33.60 0.23 -0.91	35.94 -0.04 0.00	33.69 -0.41 0.03	31.13 0.25 0.00
HOLTSVILLE_IC_1 23690	50.99 3.23 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.14 4.08 -8.95	57.37 4.25 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.09 4.12 -46.47	88.52 3.75 -53.49	70.43 4.03 -31.61	55.78 3.73 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42
HOLTSVILLE_IC_10 23699	51.27 3.51 -16.96	40.80 3.15 -9.72	33.95 2.96 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.70 3.89 -10.07	47.52 4.28 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.84 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.07 5.02 -22.56	65.84 3.94 -32.68	87.89 4.58 -50.15	84.47 4.49 -46.47	90.09 4.13 -54.68	71.82 4.45 -32.59	56.14 4.09 -19.59	50.39 4.17 -10.25	48.74 4.13 -10.49	43.10 3.80 -8.43
HOLTSVILLE_IC_2 23691	50.99 3.23 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.14 4.08 -8.95	57.37 4.25 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.09 4.12 -46.47	88.52 3.75 -53.49	70.43 4.03 -31.61	55.78 3.73 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42
HOLTSVILLE_IC_3 23692	50.99 3.23 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.14 4.08 -8.95	57.37 4.25 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.09 4.12 -46.47	88.52 3.75 -53.49	70.43 4.03 -31.61	55.78 3.73 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42

HOLTSVILLE_IC_4 23693	50.99 3.23 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.14 4.08 -8.95	57.37 4.25 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.09 4.12 -46.47	88.52 3.75 -53.49	70.43 4.03 -31.61	55.78 3.73 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42
HOLTSVILLE_IC_5 23694	50.99 3.23 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.14 4.08 -8.95	57.37 4.25 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.09 4.12 -46.47	88.52 3.75 -53.49	70.43 4.03 -31.61	55.78 3.73 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42
HOLTSVILLE_IC_6 23695	51.27 3.51 -16.96	40.80 3.15 -9.72	33.95 2.96 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.70 3.89 -10.07	47.52 4.28 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.84 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.07 5.02 -22.56	65.84 3.94 -32.68	87.89 4.58 -50.15	84.47 4.49 -46.47	90.09 4.13 -54.68	71.82 4.45 -32.59	56.14 4.09 -19.59	50.39 4.17 -10.25	48.74 4.13 -10.49	43.10 3.80 -8.43
HOLTSVILLE_IC_7 23696	51.27 3.51 -16.96	40.80 3.15 -9.72	33.95 2.96 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.70 3.89 -10.07	47.52 4.28 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.84 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.07 5.02 -22.56	65.84 3.94 -32.68	87.89 4.58 -50.15	84.47 4.49 -46.47	90.09 4.13 -54.68	71.82 4.45 -32.59	56.14 4.09 -19.59	50.39 4.17 -10.25	48.74 4.13 -10.49	43.10 3.80 -8.43
HOLTSVILLE_IC_8 23697	51.27 3.51 -16.96	40.80 3.15 -9.72	33.95 2.96 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.70 3.89 -10.07	47.52 4.28 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.84 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.07 5.02 -22.56	65.84 3.94 -32.68	87.89 4.58 -50.15	84.47 4.49 -46.47	90.09 4.13 -54.68	71.82 4.45 -32.59	56.14 4.09 -19.59	50.39 4.17 -10.25	48.74 4.13 -10.49	43.10 3.80 -8.43
HOLTSVILLE_IC_9 23698	51.27 3.51 -16.96	40.80 3.15 -9.72	33.95 2.96 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.84 2.92 -9.89	37.46 3.36 -5.34	46.70 3.89 -10.07	47.52 4.28 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.84 4.38 -7.33	51.48 4.42 -8.95	57.72 4.60 -14.44	67.07 5.02 -22.56	65.84 3.94 -32.68	87.89 4.58 -50.15	84.47 4.49 -46.47	90.09 4.13 -54.68	71.82 4.45 -32.59	56.14 4.09 -19.59	50.39 4.17 -10.25	48.74 4.13 -10.49	43.10 3.80 -8.43
HOMER_HL_115KV_TB2 355744	30.65 -0.15 0.00	27.73 -0.20 0.00	25.91 -0.36 -0.26	25.11 -0.88 -0.11	25.29 -0.67 -0.06	26.27 -0.05 -0.28	28.56 -0.69 -0.50	31.42 -1.67 -0.35	33.99 -0.93 -0.43	34.53 -1.88 -0.90	35.70 -0.92 0.02	35.92 -1.11 0.10	36.70 -1.22 0.19	36.73 -1.08 0.86	37.38 -1.30 0.81	31.80 0.56 -2.03	36.58 0.50 -2.92	36.59 0.57 -2.51	34.28 0.81 -2.19	36.33 0.77 -0.79	34.08 0.65 -0.97	36.44 0.47 0.00	34.10 0.00 0.03	31.34 0.46 0.00
HOWARD_WT_PWR 323690	31.17 0.37 0.00	28.29 0.36 0.00	26.49 0.18 -0.29	25.74 -0.26 -0.12	25.86 -0.10 -0.06	26.82 0.47 -0.32	29.31 0.00 -0.56	33.11 -0.03 -0.39	34.63 -0.34 -0.49	36.07 -0.46 -1.01	36.74 0.11 0.02	37.25 0.19 0.07	37.97 0.00 0.14	37.89 -0.15 0.63	38.62 -0.27 0.59	32.01 0.53 -2.27	36.58 0.17 -3.25	36.79 0.47 -2.81	34.66 0.94 -2.44	36.74 1.08 -0.88	34.61 1.07 -1.08	36.90 0.93 0.00	34.48 0.38 0.02	31.71 0.83 0.00
HQ_GEN_CEDARS 23644	30.71 -0.09 0.00	27.87 -0.06 0.00	26.01 0.00 0.00	26.01 0.13 0.00	26.01 0.10 0.00	25.93 -0.10 0.00	28.70 -0.06 0.00	32.58 -0.16 0.00	34.39 -0.10 0.00	35.27 -0.25 0.00	36.31 -0.33 0.00	36.76 -0.37 0.00	37.62 -0.50 0.00	38.02 -0.66 0.00	38.70 -0.79 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.37 -0.91 0.00	33.91 -0.87 0.00	31.68 -0.78 0.00	35.50 -0.47 0.00	33.99 -0.14 0.00	30.73 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	30.74 -0.06 0.00	27.87 -0.06 0.00	26.01 0.00 0.00	26.01 0.13 0.00	26.01 0.10 0.00	25.93 -0.10 0.00	28.70 -0.06 0.00	32.58 -0.16 0.00	34.39 -0.10 0.00	35.41 -0.11 0.00	36.31 -0.33 0.00	36.72 -0.41 0.00	37.62 -0.50 0.00	38.02 -0.66 0.00	38.70 -0.79 0.00	28.34 -0.88 0.00	32.17 -0.99 0.00	32.57 -0.94 0.00	30.37 -0.91 0.00	33.91 -0.87 0.00	31.68 -0.78 0.00	35.50 -0.47 0.00	33.99 -0.14 0.00	30.73 -0.15 0.00
HQ_GEN_IMPORT 323601	30.46 -0.34 0.00	27.62 -0.31 0.00	25.75 -0.26 0.00	25.75 -0.13 0.00	25.75 -0.15 0.00	25.75 -0.29 0.00	28.47 -0.29 0.00	32.42 -0.33 0.00	34.18 -0.31 0.00	35.16 -0.36 0.00	36.21 -0.44 0.00	36.65 -0.48 0.00	37.58 -0.53 0.00	38.10 -0.58 0.00	38.90 -0.59 0.00	28.57 -0.64 0.00	32.43 -0.73 0.00	32.80 -0.71 0.00	30.59 -0.69 0.00	34.08 -0.70 0.00	31.81 -0.65 0.00	35.50 -0.47 0.00	33.72 -0.41 0.00	30.48 -0.40 0.00
HQ_GEN_WHEEL 23651	30.46 -0.34 0.00	27.62 -0.31 0.00	25.75 -0.26 0.00	25.75 -0.13 0.00	25.75 -0.15 0.00	25.75 -0.29 0.00	28.47 -0.29 0.00	32.42 -0.33 0.00	34.18 -0.31 0.00	35.16 -0.36 0.00	36.21 -0.44 0.00	36.65 -0.48 0.00	37.58 -0.53 0.00	38.10 -0.58 0.00	38.90 -0.59 0.00	28.57 -0.64 0.00	32.43 -0.73 0.00	32.80 -0.71 0.00	30.59 -0.69 0.00	34.08 -0.70 0.00	31.81 -0.65 0.00	35.50 -0.47 0.00	33.72 -0.41 0.00	30.48 -0.40 0.00
HUDSON_AVE_GT_3 23810	32.87 2.06 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.36 3.22 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.59 2.75 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.58 2.46 0.00	33.04 2.16 0.00
HUDSON_AVE_GT_4 23540	32.87 2.06 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.36 3.22 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.59 2.75 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.58 2.46 0.00	33.04 2.16 0.00
HUDSON_AVE_GT_5 23657	32.87 2.06 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.36 3.22 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.59 2.75 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.58 2.46 0.00	33.04 2.16 0.00

HUDSON_AVE_10 24168	32.77 1.97 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.80 1.61 -0.29	29.14 1.64 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.18 2.38 -2.31	42.85 2.59 -4.74	39.10 2.46 0.00	39.73 2.60 0.00	40.89 2.78 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.23 2.57 -10.44	51.26 3.12 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.49 2.64 -4.07	39.88 2.43 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	32.98 2.10 0.00
HUDSON___115KV_TB 4 355613	32.56 1.76 0.00	29.71 1.79 0.00	30.15 1.59 -2.55	28.47 1.55 -1.04	28.00 1.55 -0.54	30.40 1.61 -2.75	35.16 1.67 -4.73	38.02 1.70 -3.57	40.64 1.79 -4.35	46.22 1.78 -8.92	38.44 1.80 0.00	38.91 1.78 0.00	39.98 1.87 0.00	40.50 1.82 0.00	41.43 1.94 0.00	50.28 1.40 -19.66	63.00 1.62 -28.21	59.59 1.71 -24.38	54.13 1.66 -21.20	44.31 1.88 -7.66	43.58 1.72 -9.40	37.88 1.91 0.00	35.93 1.81 0.00	32.64 1.76 0.00
HUNTER MOUNT___DRP 323613	32.74 1.94 0.00	29.88 1.95 0.00	29.99 1.66 -2.32	28.48 1.66 -0.94	28.05 1.66 -0.49	30.28 1.74 -2.50	34.88 1.81 -4.31	37.89 1.90 -3.25	40.48 2.04 -3.95	45.58 1.95 -8.11	38.70 2.05 0.00	39.10 1.97 0.00	40.17 2.06 0.00	40.61 1.93 0.00	41.54 2.05 0.00	48.51 1.43 -17.86	60.48 1.69 -25.63	57.43 1.78 -22.14	52.28 1.75 -19.25	43.79 2.05 -6.95	42.88 1.88 -8.54	38.13 2.16 0.00	36.17 2.05 0.00	32.83 1.95 0.00
HUNTINGTON_RES_REC 323705	51.02 3.26 -16.96	40.57 2.93 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.20 3.11 -5.34	46.41 3.60 -10.07	47.14 3.90 -8.75	44.45 3.84 -5.09	45.75 3.88 -5.22	48.52 4.05 -7.34	51.22 4.15 -8.95	57.45 4.33 -14.44	66.75 4.70 -22.56	65.61 3.68 -32.71	111.02 4.28 -73.58	84.22 4.22 -46.50	115.44 3.85 -80.32	92.45 4.10 -53.57	55.85 3.80 -19.59	50.03 3.81 -10.25	51.89 3.79 -13.98	42.80 3.49 -8.43
HUNTLEY___63 23557	30.34 -0.46 0.00	27.40 -0.53 0.00	25.60 -0.62 -0.21	24.70 -1.27 -0.09	24.84 -1.11 -0.04	25.90 -0.36 -0.23	27.99 -1.18 -0.41	31.47 -1.54 -0.27	33.00 -1.83 -0.33	34.35 -1.88 -0.71	35.59 -1.03 0.03	36.01 -1.00 0.12	36.92 -0.95 0.24	36.43 -1.20 1.05	37.04 -1.46 0.99	30.41 -0.44 -1.63	34.93 -0.60 -2.37	35.02 -0.54 -2.05	32.93 -0.13 -1.78	35.49 0.07 -0.64	33.28 0.03 -0.79	35.76 -0.22 0.00	33.48 -0.61 0.03	30.94 0.06 0.00
HUNTLEY___64 23558	30.34 -0.46 0.00	27.40 -0.53 0.00	25.60 -0.62 -0.21	24.70 -1.27 -0.09	24.84 -1.11 -0.04	25.90 -0.36 -0.23	27.99 -1.18 -0.41	31.47 -1.54 -0.27	33.00 -1.83 -0.33	34.35 -1.88 -0.71	35.59 -1.03 0.03	36.01 -1.00 0.12	36.92 -0.95 0.24	36.43 -1.20 1.05	37.04 -1.46 0.99	30.41 -0.44 -1.63	34.93 -0.60 -2.37	35.02 -0.54 -2.05	32.93 -0.13 -1.78	35.49 0.07 -0.64	33.28 0.03 -0.79	35.76 -0.22 0.00	33.48 -0.61 0.03	30.94 0.06 0.00
HUNTLEY___65 23559	30.34 -0.46 0.00	27.40 -0.53 0.00	25.60 -0.62 -0.21	24.70 -1.27 -0.09	24.84 -1.11 -0.04	25.90 -0.36 -0.23	27.99 -1.18 -0.41	31.47 -1.54 -0.27	33.00 -1.83 -0.33	34.35 -1.88 -0.71	35.59 -1.03 0.03	36.01 -1.00 0.12	36.92 -0.95 0.24	36.43 -1.20 1.05	37.04 -1.46 0.99	30.41 -0.44 -1.63	34.93 -0.60 -2.37	35.02 -0.54 -2.05	32.93 -0.13 -1.78	35.49 0.07 -0.64	33.28 0.03 -0.79	35.76 -0.22 0.00	33.48 -0.61 0.03	30.94 0.06 0.00
HUNTLEY___66 23560	30.34 -0.46 0.00	27.40 -0.53 0.00	25.60 -0.62 -0.21	24.70 -1.27 -0.09	24.84 -1.11 -0.04	25.90 -0.36 -0.23	27.99 -1.18 -0.41	31.47 -1.54 -0.27	33.00 -1.83 -0.33	34.35 -1.88 -0.71	35.59 -1.03 0.03	36.01 -1.00 0.12	36.92 -0.95 0.24	36.43 -1.20 1.05	37.04 -1.46 0.99	30.41 -0.44 -1.63	34.93 -0.60 -2.37	35.02 -0.54 -2.05	32.93 -0.13 -1.78	35.49 0.07 -0.64	33.28 0.03 -0.79	35.76 -0.22 0.00	33.48 -0.61 0.03	30.94 0.06 0.00
HUNTLEY___67 23561	30.19 -0.62 0.00	27.31 -0.61 0.00	25.47 -0.75 -0.22	24.62 -1.35 -0.09	24.73 -1.22 -0.05	25.80 -0.47 -0.24	27.97 -1.21 -0.42	31.42 -1.60 -0.28	32.94 -1.90 -0.34	34.30 -1.95 -0.73	35.48 -1.14 0.03	35.86 -1.15 0.12	36.77 -1.11 0.24	36.29 -1.35 1.04	36.98 -1.54 0.97	30.42 -0.47 -1.68	34.93 -0.66 -2.43	35.04 -0.57 -2.10	32.95 -0.16 -1.83	35.37 -0.07 -0.66	33.20 -0.06 -0.81	35.61 -0.36 0.00	33.44 -0.65 0.03	30.85 -0.03 0.00
HUNTLEY___68 23562	30.19 -0.62 0.00	27.31 -0.61 0.00	25.47 -0.75 -0.22	24.62 -1.35 -0.09	24.73 -1.22 -0.05	25.80 -0.47 -0.24	27.97 -1.21 -0.42	31.42 -1.60 -0.28	32.94 -1.90 -0.34	34.30 -1.95 -0.73	35.48 -1.14 0.03	35.86 -1.15 0.12	36.77 -1.11 0.24	36.29 -1.35 1.04	36.98 -1.54 0.97	30.42 -0.47 -1.68	34.93 -0.66 -2.43	35.04 -0.57 -2.10	32.95 -0.16 -1.83	35.37 -0.07 -0.66	33.20 -0.06 -0.81	35.61 -0.36 0.00	33.44 -0.65 0.03	30.85 -0.03 0.00
HYLAND___LFGE 323620	31.94 1.14 0.00	28.96 1.03 0.00	27.03 0.78 -0.24	26.31 0.34 -0.10	26.39 0.44 -0.05	27.36 1.07 -0.26	29.81 0.60 -0.45	32.27 -0.79 -0.31	33.32 -1.55 -0.38	34.16 -2.17 -0.81	34.79 -1.83 0.02	35.62 -1.41 0.10	36.31 -1.60 0.20	35.86 -1.93 0.89	36.88 -1.78 0.83	30.23 -0.82 -1.83	34.96 -0.83 -2.63	35.47 -0.30 -2.27	33.63 0.38 -1.97	36.29 0.80 -0.71	34.21 0.88 -0.88	36.87 0.90 0.00	34.85 0.75 0.03	31.74 0.86 0.00
INDECK___CORINTH 23802	32.59 1.79 0.00	29.52 1.59 0.00	31.74 1.48 -4.25	29.01 1.40 -1.73	28.25 1.45 -0.90	32.17 1.56 -4.58	38.27 1.75 -7.75	40.76 2.06 -5.95	43.95 2.21 -7.24	52.65 2.28 -14.86	38.51 1.87 0.00	39.10 1.97 0.00	40.13 2.02 0.00	40.42 1.74 0.00	41.46 1.97 0.00	63.50 1.55 -32.73	81.86 1.72 -46.98	75.84 1.74 -40.60	68.42 1.84 -35.29	49.65 2.12 -12.75	50.35 2.24 -15.65	38.24 2.27 0.00	36.14 2.01 0.00	32.67 1.79 0.00
INDECK___ILION 23567	31.08 0.28 0.00	28.18 0.25 0.00	26.22 0.21 0.00	26.09 0.21 0.00	26.11 0.21 0.00	26.24 0.21 0.00	29.02 0.26 0.00	33.07 0.33 0.00	34.80 0.31 0.00	35.98 0.46 0.00	37.12 0.48 0.00	37.65 0.52 0.00	38.65 0.53 0.00	39.22 0.54 0.00	39.85 0.36 0.00	29.48 0.26 0.00	33.49 0.33 0.00	33.84 0.34 0.00	31.59 0.31 0.00	35.16 0.38 0.00	32.78 0.32 0.00	36.29 0.32 0.00	34.40 0.27 0.00	31.10 0.22 0.00
INDECK___OLEAN 23982	30.53 -0.28 0.00	27.70 -0.22 0.00	25.91 -0.36 -0.26	25.13 -0.85 -0.11	25.29 -0.67 -0.06	26.27 -0.05 -0.28	28.36 -0.89 -0.50	32.23 -0.85 -0.34	33.54 -1.38 -0.42	34.24 -2.17 -0.89	35.23 -1.39 0.02	35.73 -1.30 0.10	36.13 -1.79 0.20	35.92 -1.89 0.87	36.90 -1.78 0.81	31.35 0.12 -2.01	35.22 -0.83 -2.89	35.60 -0.40 -2.50	33.85 0.41 -2.17	35.84 0.28 -0.78	33.65 0.23 -0.96	35.94 -0.04 0.00	33.11 -0.99 0.03	31.34 0.46 0.00
INDECK___OSWEGO 23783	30.03 -0.77 0.00	27.23 -0.70 0.00	25.33 -0.68 0.00	25.10 -0.78 0.00	25.15 -0.75 0.00	25.39 -0.65 0.00	28.02 -0.75 -0.01	31.67 -1.11 -0.04	33.29 -1.24 -0.04	34.31 -1.24 -0.04	35.44 -1.25 -0.04	36.08 -1.22 -0.17	37.22 -1.22 -0.33	38.87 -1.28 -1.46	39.60 -1.27 -1.37	28.57 -0.64 0.00	32.46 -0.70 0.00	32.80 -0.71 0.00	30.68 -0.60 0.00	34.12 -0.66 0.00	31.84 -0.62 0.00	35.21 -0.76 0.00	33.39 -0.78 -0.05	30.17 -0.71 0.00



INDECK___YERKES 23781	30.22 -0.59 0.00	27.45 -0.47 0.00	25.60 -0.62 -0.21	24.72 -1.24 -0.09	24.86 -1.09 -0.04	25.93 -0.34 -0.23	28.01 -1.15 -0.40	31.57 -1.44 -0.27	32.97 -1.86 -0.34	34.42 -1.81 -0.71	35.59 -1.03 0.03	36.12 -0.89 0.12	36.81 -1.07 0.24	36.15 -1.47 1.06	37.08 -1.42 0.99	30.33 -0.53 -1.64	34.78 -0.73 -2.35	34.94 -0.60 -2.03	32.89 -0.16 -1.77	35.42 0.00 -0.64	33.21 -0.03 -0.78	35.68 -0.29 0.00	33.48 -0.61 0.03	30.97 0.09 0.00
INDIAN POINT_GT_1 24139	32.65 1.85 0.00	29.57 1.65 0.00	28.93 1.59 -1.34	27.95 1.53 -0.55	27.69 1.50 -0.28	29.04 1.56 -1.44	33.14 1.84 -2.54	36.65 2.03 -1.87	38.98 2.21 -2.28	42.54 2.34 -4.68	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	41.95 2.42 -10.31	50.83 2.88 -14.79	49.10 2.81 -12.78	44.86 2.47 -11.11	41.33 2.54 -4.01	39.69 2.30 -4.93	38.17 2.19 0.00	36.34 2.22 0.00	32.83 1.95 0.00
INDIAN POINT_GT_2 23659	32.65 1.85 0.00	29.57 1.65 0.00	28.93 1.59 -1.34	27.95 1.53 -0.55	27.69 1.50 -0.28	29.04 1.56 -1.44	33.14 1.84 -2.54	36.65 2.03 -1.87	38.98 2.21 -2.28	42.54 2.34 -4.68	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	41.95 2.42 -10.31	50.83 2.88 -14.79	49.10 2.81 -12.78	44.86 2.47 -11.11	41.33 2.54 -4.01	39.69 2.30 -4.93	38.17 2.19 0.00	36.34 2.22 0.00	32.83 1.95 0.00
INDIAN POINT_GT_3 24019	32.65 1.85 0.00	29.57 1.65 0.00	28.93 1.59 -1.34	27.95 1.53 -0.55	27.69 1.50 -0.28	29.04 1.56 -1.44	33.14 1.84 -2.54	36.65 2.03 -1.87	38.98 2.21 -2.28	42.54 2.34 -4.68	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	41.95 2.42 -10.31	50.83 2.88 -14.79	49.10 2.81 -12.78	44.86 2.47 -11.11	41.33 2.54 -4.01	39.69 2.30 -4.93	38.17 2.19 0.00	36.34 2.22 0.00	32.83 1.95 0.00
INDIAN POINT___2 23530	32.56 1.75 0.00	29.54 1.62 0.00	28.86 1.53 -1.31	27.91 1.50 -0.54	27.66 1.48 -0.28	28.96 1.51 -1.42	33.04 1.81 -2.50	36.62 2.03 -1.84	38.91 2.17 -2.24	42.39 2.28 -4.60	38.99 2.35 0.00	39.58 2.45 0.00	40.71 2.59 0.00	41.47 2.79 0.00	42.49 3.00 0.00	41.74 2.40 -10.13	50.51 2.82 -14.53	48.78 2.71 -12.56	44.64 2.44 -10.92	41.19 2.47 -3.94	39.54 2.24 -4.84	38.09 2.12 0.00	36.24 2.12 0.00	32.80 1.92 0.00
INDIAN POINT___3 23531	32.62 1.82 0.00	29.55 1.62 0.00	28.91 1.56 -1.34	27.93 1.50 -0.55	27.69 1.50 -0.28	29.01 1.54 -1.44	33.11 1.81 -2.54	36.62 2.00 -1.88	38.95 2.17 -2.28	42.51 2.31 -4.68	38.99 2.35 0.00	39.58 2.45 0.00	40.70 2.59 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.90 2.37 -10.32	50.81 2.85 -14.80	49.04 2.75 -12.79	44.80 2.41 -11.12	41.27 2.47 -4.02	39.66 2.27 -4.93	38.09 2.12 0.00	36.27 2.15 0.00	32.80 1.91 0.00
INGHAM_C_115KV_TB7 356103	31.17 0.37 0.00	28.29 0.36 0.00	26.32 0.31 0.00	26.16 0.28 0.00	26.19 0.28 0.00	26.35 0.31 0.00	29.13 0.37 0.00	33.17 0.43 0.00	34.94 0.45 0.00	36.19 0.67 0.00	37.34 0.70 0.00	37.84 0.71 0.00	38.84 0.72 0.00	39.38 0.70 0.00	39.85 0.36 0.00	29.48 0.26 0.00	33.46 0.30 0.00	33.81 0.30 0.00	31.59 0.31 0.00	35.20 0.42 0.00	32.85 0.39 0.00	36.33 0.36 0.00	34.43 0.31 0.00	31.16 0.28 0.00
IP CORINTH___1 23988	32.77 1.97 0.00	29.69 1.76 0.00	31.90 1.64 -4.25	29.16 1.55 -1.73	28.41 1.61 -0.90	32.30 1.69 -4.58	38.44 1.93 -7.75	40.89 2.19 -5.95	44.12 2.38 -7.25	52.83 2.45 -14.86	38.73 2.09 0.00	39.25 2.12 0.00	40.32 2.21 0.00	40.57 1.90 0.00	41.70 2.21 0.00	63.68 1.72 -32.74	82.06 1.92 -46.98	76.05 1.94 -40.60	68.64 2.06 -35.30	49.86 2.33 -12.75	50.55 2.43 -15.66	38.45 2.48 0.00	36.38 2.25 0.00	32.83 1.95 0.00
IP___TICONDEROGA 23804	34.53 3.73 0.00	31.19 3.27 0.00	33.25 3.02 -4.23	30.50 2.90 -1.72	29.80 3.00 -0.89	33.79 3.20 -4.55	40.06 3.59 -7.71	42.82 4.16 -5.92	46.25 4.55 -7.20	54.98 4.69 -14.77	41.04 4.40 0.00	41.74 4.60 0.00	42.88 4.76 0.00	43.20 4.53 0.00	44.47 4.98 0.00	65.47 3.71 -32.54	84.00 4.15 -46.70	78.08 4.22 -40.35	70.52 4.16 -35.08	52.22 4.76 -12.67	52.66 4.64 -15.56	40.79 4.82 0.00	38.36 4.23 0.00	34.56 3.67 0.00
ISLIP_RES_REC 323679	51.45 3.69 -16.96	40.96 3.32 -9.72	34.08 3.09 -4.98	32.05 2.97 -3.20	30.29 2.98 -1.41	38.99 3.07 -9.89	37.63 3.54 -5.34	46.94 4.13 -10.07	47.76 4.52 -8.75	45.08 4.48 -5.09	46.41 4.54 -5.22	49.14 4.68 -7.33	51.78 4.72 -8.95	58.03 4.91 -14.44	67.42 5.37 -22.56	66.11 4.21 -32.68	86.68 4.88 -48.65	84.80 4.83 -46.47	88.72 4.41 -53.04	70.78 4.77 -31.24	56.43 4.38 -19.59	50.68 4.46 -10.25	48.76 4.37 -10.27	43.32 4.01 -8.43
JAMAICA__27_KV_LOAD 355505	32.96 2.16 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.29 1.80 -1.46	33.52 2.19 -2.57	37.07 2.42 -1.90	39.39 2.59 -2.31	43.06 2.81 -4.74	39.14 2.49 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.81 3.13 0.00	42.89 3.40 0.00	42.35 2.69 -10.44	51.39 3.25 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.27 2.30 0.00	36.75 2.63 0.00	33.23 2.35 0.00
JANIS___SOLAR 323808	32.10 1.29 0.00	29.10 1.17 0.00	27.43 0.96 -0.45	26.89 0.83 -0.18	26.91 0.91 -0.10	27.57 1.04 -0.49	30.73 1.12 -0.85	34.88 1.51 -0.63	36.60 1.34 -0.77	38.45 1.35 -1.58	38.07 1.43 0.01	38.52 1.41 0.03	39.43 1.37 0.05	39.89 1.43 0.22	40.43 1.15 0.21	33.88 1.17 -3.50	39.44 1.26 -5.02	39.38 1.54 -4.34	36.80 1.75 -3.77	38.19 2.05 -1.36	36.08 1.95 -1.67	37.91 1.94 0.00	35.58 1.47 0.01	32.21 1.33 0.00
JARVIS____ 23743	30.96 0.15 0.00	28.07 0.14 0.00	26.11 0.10 0.00	25.98 0.10 0.00	26.01 0.10 0.00	26.14 0.10 0.00	28.87 0.12 0.00	32.91 0.16 0.00	34.63 0.14 0.00	35.73 0.21 0.00	36.86 0.22 0.00	37.36 0.22 0.00	38.34 0.23 0.00	38.95 0.27 0.00	39.73 0.24 0.00	29.42 0.21 0.00	33.39 0.23 0.00	33.74 0.24 0.00	31.50 0.22 0.00	34.99 0.21 0.00	32.65 0.20 0.00	36.15 0.18 0.00	34.26 0.14 0.00	31.00 0.12 0.00
JENNISON___1 23625	32.40 1.60 0.00	29.38 1.45 0.00	27.89 1.22 -0.66	27.24 1.09 -0.27	27.21 1.17 -0.14	28.00 1.25 -0.71	31.37 1.38 -1.23	35.33 1.67 -0.92	37.37 1.76 -1.12	39.71 1.88 -2.31	38.69 2.05 0.01	39.15 2.04 0.03	40.16 2.10 0.05	40.71 2.24 0.21	41.15 1.86 0.20	36.04 1.72 -5.10	42.44 1.96 -7.32	41.94 2.11 -6.33	38.94 2.16 -5.50	39.20 2.43 -1.99	37.17 2.27 -2.44	38.17 2.19 0.00	35.89 1.77 0.01	32.46 1.57 0.00
JENNISON___2 23626	32.40 1.60 0.00	29.38 1.45 0.00	27.89 1.22 -0.66	27.24 1.09 -0.27	27.21 1.17 -0.14	28.00 1.25 -0.71	31.37 1.38 -1.23	35.33 1.67 -0.92	37.37 1.76 -1.12	39.71 1.88 -2.31	38.69 2.05 0.01	39.15 2.04 0.03	40.16 2.10 0.05	40.71 2.24 0.21	41.15 1.86 0.20	36.04 1.72 -5.10	42.44 1.96 -7.32	41.94 2.11 -6.33	38.94 2.16 -5.50	39.20 2.43 -1.99	37.17 2.27 -2.44	38.17 2.19 0.00	35.89 1.77 0.01	32.46 1.57 0.00

JERICO_RISE_WT_PWR 323719	30.62 -0.18 0.00	27.76 -0.17 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.98 0.08 0.00	25.96 -0.08 0.00	28.79 0.03 0.00	32.91 0.16 0.00	34.77 0.27 0.00	35.31 -0.21 0.00	36.28 -0.37 0.00	36.43 -0.71 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.34 -1.15 0.00	28.28 -0.94 0.00	32.10 -1.06 0.00	32.40 -1.10 0.00	30.25 -1.03 0.00	33.81 -0.97 0.00	31.91 -0.55 0.00	35.58 -0.39 0.00	33.78 -0.34 0.00	30.54 -0.34 0.00
KATONAH__115KV_46KV_TB4 355592	32.87 2.06 0.00	29.77 1.84 0.00	29.13 1.74 -1.38	28.15 1.71 -0.56	27.85 1.66 -0.29	29.24 1.72 -1.48	33.36 1.98 -2.62	36.87 2.19 -1.93	39.22 2.38 -2.35	42.93 2.59 -4.82	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.77 3.09 0.00	42.89 3.40 0.00	42.53 2.69 -10.62	51.62 3.22 -15.24	49.79 3.12 -13.17	45.48 2.75 -11.45	41.77 2.85 -4.14	40.13 2.60 -5.08	38.53 2.55 0.00	36.58 2.46 0.00	33.07 2.19 0.00
KCE_NY_1 323755	32.93 2.12 0.00	29.83 1.90 0.00	31.97 1.77 -4.19	29.27 1.68 -1.71	28.50 1.71 -0.89	32.34 1.80 -4.51	38.39 1.98 -7.65	40.90 2.29 -5.86	44.05 2.41 -7.14	52.65 2.49 -14.64	39.02 2.38 0.00	39.58 2.45 0.00	40.67 2.55 0.00	41.19 2.51 0.00	42.18 2.69 0.00	63.58 2.10 -32.26	81.82 2.35 -46.30	75.90 2.38 -40.01	68.35 2.28 -34.79	49.88 2.54 -12.57	50.32 2.44 -15.43	38.49 2.52 0.00	36.45 2.32 0.00	32.98 2.10 0.00
KCE_NY_6_ESR 323823	30.43 -0.37 0.00	27.62 -0.31 0.00	25.77 -0.47 -0.23	24.91 -1.06 -0.09	25.05 -0.91 -0.05	26.10 -0.18 -0.25	28.24 -0.95 -0.43	31.96 -1.08 -0.29	33.38 -1.48 -0.37	34.69 -1.60 -0.77	35.81 -0.81 0.03	36.31 -0.71 0.12	36.97 -0.92 0.23	36.41 -1.28 1.00	37.33 -1.22 0.94	30.86 -0.12 -1.76	35.23 -0.46 -2.53	35.42 -0.27 -2.19	33.46 0.28 -1.90	35.85 0.38 -0.69	33.63 0.32 -0.84	36.04 0.07 0.00	33.69 -0.41 0.03	31.25 0.37 0.00
KEDC_PORT_JEFF_GT2 24210	51.18 3.42 -16.96	40.71 3.07 -9.72	33.87 2.89 -4.98	31.85 2.77 -3.20	30.09 2.77 -1.41	38.76 2.84 -9.89	37.38 3.28 -5.34	46.61 3.80 -10.07	47.41 4.17 -8.75	44.73 4.12 -5.09	46.04 4.18 -5.22	48.73 4.27 -7.33	51.29 4.23 -8.95	57.41 4.29 -14.44	66.71 4.66 -22.56	65.55 3.65 -32.69	89.63 4.25 -52.22	84.16 4.19 -46.47	92.04 3.81 -56.95	73.32 4.10 -34.44	55.81 3.76 -19.59	50.18 3.96 -10.25	48.85 3.92 -10.80	42.98 3.67 -8.43
KEDC_PORT_JEFF_GT3 24211	51.18 3.42 -16.96	40.71 3.07 -9.72	33.87 2.89 -4.98	31.85 2.77 -3.20	30.09 2.77 -1.41	38.76 2.84 -9.89	37.38 3.28 -5.34	46.61 3.80 -10.07	47.41 4.17 -8.75	44.73 4.12 -5.09	46.04 4.18 -5.22	48.73 4.27 -7.33	51.29 4.23 -8.95	57.41 4.29 -14.44	66.71 4.66 -22.56	65.55 3.65 -32.69	89.63 4.25 -52.22	84.16 4.19 -46.47	92.04 3.81 -56.95	73.32 4.10 -34.44	55.81 3.76 -19.59	50.18 3.96 -10.25	48.85 3.92 -10.80	42.98 3.67 -8.43
KEDC_GLWD_GT4 24219	49.98 2.22 -16.96	39.65 2.01 -9.72	32.99 2.00 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.48 2.39 -5.34	45.33 2.52 -10.07	45.93 2.69 -8.74	43.41 2.81 -5.09	44.72 2.86 -5.22	47.47 3.01 -7.33	50.26 3.20 -8.95	56.52 3.40 -14.44	65.68 3.63 -22.56	64.78 2.89 -32.67	69.58 3.35 -33.08	83.21 3.25 -46.46	70.18 2.91 -36.00	55.09 3.02 -17.29	54.80 2.76 -19.58	48.88 2.66 -10.25	44.69 2.63 -7.94	41.68 2.38 -8.42
KEDC_GLWD_GT5 24220	49.98 2.22 -16.96	39.65 2.01 -9.72	32.99 2.00 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.48 2.39 -5.34	45.33 2.52 -10.07	45.93 2.69 -8.74	43.41 2.81 -5.09	44.72 2.86 -5.22	47.47 3.01 -7.33	50.26 3.20 -8.95	56.52 3.40 -14.44	65.68 3.63 -22.56	64.78 2.89 -32.67	69.58 3.35 -33.08	83.21 3.25 -46.46	70.18 2.91 -36.00	55.09 3.02 -17.29	54.80 2.76 -19.58	48.88 2.66 -10.25	44.69 2.63 -7.94	41.68 2.38 -8.42
KENSICO____ 23655	32.74 1.94 0.00	29.66 1.73 0.00	29.03 1.66 -1.35	28.03 1.60 -0.55	27.80 1.61 -0.29	29.13 1.64 -1.46	33.25 1.93 -2.57	36.80 2.16 -1.89	39.11 2.31 -2.30	42.73 2.49 -4.73	39.14 2.49 0.00	39.73 2.60 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.65 3.16 0.00	42.14 2.51 -10.41	51.09 2.98 -14.94	49.30 2.88 -12.91	45.07 2.56 -11.22	41.44 2.61 -4.05	39.84 2.40 -4.98	38.24 2.27 0.00	36.44 2.32 0.00	32.95 2.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.68 1.88 0.00	29.55 1.62 0.00	28.86 1.51 -1.34	27.87 1.45 -0.55	27.61 1.42 -0.28	28.94 1.46 -1.44	33.07 1.78 -2.53	36.55 1.93 -1.88	38.88 2.10 -2.28	42.55 2.34 -4.68	38.95 2.31 0.00	39.55 2.41 0.00	40.63 2.52 0.00	41.46 2.78 0.00	42.18 2.69 0.00	41.73 2.19 -10.32	50.69 2.72 -14.81	49.01 2.71 -12.79	44.90 2.50 -11.12	41.37 2.57 -4.02	39.73 2.34 -4.93	38.20 2.23 0.00	36.34 2.22 0.00	32.83 1.95 0.00
KIAC_JFK_GT1 23816	32.81 2.00 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.16 1.67 -1.46	33.37 2.04 -2.57	36.87 2.23 -1.90	39.11 2.31 -2.31	42.74 2.49 -4.74	38.81 2.16 0.00	39.47 2.34 0.00	40.63 2.52 0.00	41.46 2.78 0.00	42.53 3.04 0.00	42.08 2.42 -10.44	51.09 2.95 -14.98	49.23 2.78 -12.94	44.97 2.44 -11.25	41.38 2.54 -4.07	39.75 2.30 -4.99	37.99 2.01 0.00	36.44 2.32 0.00	33.04 2.16 0.00
KIAC_JFK_GT2 23817	32.81 2.00 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.16 1.67 -1.46	33.37 2.04 -2.57	36.87 2.23 -1.90	39.11 2.31 -2.31	42.74 2.49 -4.74	38.81 2.16 0.00	39.47 2.34 0.00	40.63 2.52 0.00	41.46 2.78 0.00	42.53 3.04 0.00	42.08 2.42 -10.44	51.09 2.95 -14.98	49.23 2.78 -12.94	44.97 2.44 -11.25	41.38 2.54 -4.07	39.75 2.30 -4.99	37.99 2.01 0.00	36.44 2.32 0.00	33.04 2.16 0.00
KIAC_JFK____ 323774	32.71 1.91 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.16 1.67 -1.46	33.37 2.04 -2.57	37.00 2.36 -1.90	39.15 2.35 -2.31	42.67 2.42 -4.74	38.80 2.16 0.00	39.47 2.34 0.00	40.63 2.51 0.00	41.47 2.79 0.00	42.53 3.04 0.00	42.11 2.45 -10.44	51.06 2.92 -14.98	49.20 2.75 -12.94	45.00 2.47 -11.25	41.38 2.54 -4.07	39.75 2.30 -4.99	37.98 2.01 0.00	36.38 2.25 0.00	33.04 2.16 0.00
KINTIGH____ 23543	30.03 -0.77 0.00	27.17 -0.75 0.00	25.33 -0.86 -0.18	24.58 -1.37 -0.07	24.67 -1.27 -0.04	25.63 -0.60 -0.20	27.92 -1.18 -0.35	31.65 -1.31 -0.22	32.90 -1.86 -0.27	34.44 -1.67 -0.59	35.58 -1.03 0.03	36.03 -0.97 0.14	36.97 -0.88 0.27	36.40 -1.08 1.19	37.15 -1.22 1.12	29.97 -0.61 -1.37	34.34 -0.83 -2.01	34.47 -0.77 -1.74	32.41 -0.38 -1.51	34.98 -0.35 -0.55	32.84 -0.29 -0.67	35.40 -0.58 0.00	33.27 -0.82 0.04	30.60 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.86 0.06 0.00	27.98 0.06 0.00	26.17 0.16 0.00	26.14 0.26 0.00	26.19 0.28 0.00	26.19 0.16 0.00	29.05 0.29 0.00	33.20 0.46 0.00	35.11 0.62 0.00	35.45 -0.07 0.00	36.46 -0.18 0.00	36.83 -0.30 0.00	37.20 -0.91 0.00	37.48 -1.20 0.00	38.38 -1.11 0.00	28.43 -0.79 0.00	32.26 -0.90 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	34.08 -0.70 0.00	32.30 -0.16 0.00	35.94 -0.04 0.00	34.09 -0.03 0.00	30.82 -0.06 0.00

LACHUTE___HYDRO 323717	34.53 3.73 0.00	31.19 3.27 0.00	33.25 3.02 -4.23	30.50 2.90 -1.72	29.80 3.00 -0.89	33.79 3.20 -4.55	40.06 3.59 -7.71	42.85 4.19 -5.92	46.21 4.52 -7.20	55.05 4.76 -14.77	41.04 4.40 0.00	41.77 4.64 0.00	42.88 4.76 0.00	43.24 4.56 0.00	44.43 4.94 0.00	65.46 3.71 -32.54	83.94 4.08 -46.70	78.05 4.19 -40.35	70.49 4.13 -35.08	52.18 4.73 -12.67	52.66 4.64 -15.56	40.76 4.78 0.00	38.29 4.16 0.00	34.55 3.67 0.00
LAWRNCV_115KV_TB1 80681	30.68 -0.12 0.00	27.84 -0.08 0.00	25.96 -0.05 0.00	25.96 0.08 0.00	25.96 0.05 0.00	25.88 -0.16 0.00	28.64 -0.12 0.00	32.61 -0.13 0.00	34.42 -0.07 0.00	35.27 -0.25 0.00	36.31 -0.33 0.00	36.80 -0.33 0.00	37.62 -0.50 0.00	37.87 -0.81 0.00	38.35 -1.15 0.00	28.05 -1.17 0.00	31.83 -1.33 0.00	32.23 -1.27 0.00	30.09 -1.19 0.00	33.63 -1.15 0.00	31.45 -1.01 0.00	35.40 -0.58 0.00	33.95 -0.17 0.00	30.63 -0.25 0.00
LEDERLE___ 23769	32.71 1.91 0.00	29.63 1.70 0.00	28.91 1.61 -1.29	27.96 1.55 -0.53	27.73 1.55 -0.27	29.01 1.59 -1.39	33.10 1.90 -2.45	36.65 2.10 -1.81	39.00 2.31 -2.20	42.52 2.49 -4.51	39.17 2.53 0.00	39.81 2.67 0.00	40.93 2.82 0.00	41.74 3.06 0.00	42.65 3.16 0.00	41.70 2.54 -9.94	50.44 3.02 -14.26	48.78 2.95 -12.33	44.59 2.60 -10.72	41.29 2.64 -3.87	39.61 2.40 -4.75	38.27 2.30 0.00	36.41 2.29 0.00	32.89 2.01 0.00
LIGHTHSE_115KV_TB6 355974	30.37 -0.43 0.00	27.53 -0.39 0.00	25.59 -0.42 0.00	25.36 -0.52 0.00	25.41 -0.49 0.00	25.59 -0.44 0.00	28.28 -0.49 -0.01	32.23 -0.52 -0.01	33.78 -0.72 -0.01	34.78 -0.75 -0.01	35.96 -0.70 -0.01	36.55 -0.63 -0.05	37.56 -0.65 -0.09	38.40 -0.70 -0.41	39.01 -0.87 -0.39	28.63 -0.58 0.00	32.46 -0.70 0.00	32.90 -0.60 0.00	30.84 -0.44 0.00	34.36 -0.42 0.00	32.07 -0.39 0.00	35.54 -0.43 0.00	33.59 -0.55 -0.01	30.45 -0.43 0.00
LINDEN COGEN___ 23786	32.53 1.72 0.00	29.49 1.56 0.00	28.90 1.53 -1.36	27.91 1.47 -0.55	27.67 1.48 -0.29	29.00 1.51 -1.46	33.14 1.81 -2.57	36.71 2.06 -1.90	38.89 2.17 -2.22	42.56 2.31 -4.74	38.95 2.31 0.00	39.58 2.45 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	42.08 2.42 -10.44	51.06 2.92 -14.98	49.20 2.75 -12.94	44.94 2.41 -11.25	41.28 2.43 -4.07	39.66 2.21 -4.99	37.98 2.01 0.00	36.24 2.12 0.00	32.76 1.88 0.00
LINDHRST_69_KV_BK1 356055	51.06 3.30 -16.96	40.55 2.90 -9.72	33.74 2.76 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.18 3.08 -5.34	46.35 3.54 -10.07	47.10 3.86 -8.75	44.59 3.98 -5.09	45.82 3.96 -5.22	48.48 4.01 -7.33	51.21 4.15 -8.95	57.53 4.41 -14.44	66.63 4.58 -22.56	65.49 3.59 -32.68	72.05 4.24 -34.65	84.12 4.15 -46.46	72.78 3.78 -37.71	57.51 4.03 -18.70	55.88 3.83 -19.59	50.03 3.81 -10.25	46.00 3.82 -8.06	42.76 3.46 -8.42
LIPA_MISC_IPP 23656	51.27 3.51 -16.96	40.74 3.10 -9.72	33.95 2.97 -4.98	31.87 2.79 -3.20	30.11 2.80 -1.41	38.79 2.86 -9.89	37.41 3.31 -5.34	46.58 3.77 -10.07	47.45 4.21 -8.75	44.84 4.23 -5.09	46.08 4.21 -5.22	48.77 4.31 -7.33	51.44 4.38 -8.95	57.80 4.68 -14.44	67.03 4.98 -22.56	65.82 3.91 -32.69	86.95 4.51 -49.28	84.40 4.42 -46.47	89.01 4.00 -53.73	71.03 4.45 -31.80	56.20 4.15 -19.59	50.36 4.14 -10.25	47.18 4.13 -8.93	43.07 3.77 -8.42
LISF___SOLAR 323691	51.24 3.48 -16.96	40.77 3.13 -9.72	33.92 2.94 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.81 2.89 -9.89	37.43 3.33 -5.34	46.67 3.86 -10.07	47.52 4.28 -8.75	44.83 4.22 -5.09	46.15 4.29 -5.22	48.88 4.42 -7.33	51.52 4.46 -8.95	57.84 4.72 -14.44	67.07 5.02 -22.56	65.81 3.92 -32.68	87.18 4.54 -49.48	84.46 4.49 -46.47	89.35 4.13 -53.95	71.28 4.52 -31.98	56.20 4.16 -19.59	50.43 4.21 -10.25	48.64 4.13 -10.39	43.10 3.80 -8.42
LITTLE FALLS___HYD 24013	31.17 0.37 0.00	28.29 0.36 0.00	26.32 0.31 0.00	26.16 0.28 0.00	26.19 0.28 0.00	26.35 0.31 0.00	29.13 0.37 0.00	33.17 0.43 0.00	34.94 0.45 0.00	36.19 0.67 0.00	37.34 0.70 0.00	37.84 0.71 0.00	38.84 0.72 0.00	39.38 0.70 0.00	39.85 0.36 0.00	29.48 0.26 0.00	33.46 0.30 0.00	33.81 0.30 0.00	31.59 0.31 0.00	35.20 0.42 0.00	32.85 0.39 0.00	36.33 0.36 0.00	34.43 0.31 0.00	31.16 0.28 0.00
LITTLRIV_115KV_TB1 356100	30.93 0.12 0.00	28.07 0.14 0.00	26.17 0.16 0.00	26.19 0.31 0.00	26.16 0.26 0.00	26.04 0.00 0.00	28.87 0.12 0.00	32.91 0.16 0.00	34.73 0.24 0.00	35.70 0.18 0.00	36.75 0.11 0.00	37.24 0.11 0.00	38.07 -0.04 0.00	38.33 -0.35 0.00	38.74 -0.75 0.00	28.28 -0.93 0.00	32.10 -1.06 0.00	32.50 -1.01 0.00	30.37 -0.91 0.00	33.98 -0.80 0.00	31.74 -0.71 0.00	35.76 -0.22 0.00	34.19 0.07 0.00	30.85 -0.03 0.00
LI_NEWBRDGE___DRP 323616	50.29 2.53 -16.96	39.88 2.23 -9.72	33.12 2.13 -4.98	31.12 2.04 -3.20	29.33 2.02 -1.41	38.00 2.08 -9.89	36.49 2.39 -5.34	45.53 2.72 -10.07	46.17 2.93 -8.75	43.63 3.02 -5.09	44.83 2.97 -5.22	47.55 3.08 -7.33	50.30 3.24 -8.94	56.56 3.44 -14.44	65.68 3.63 -22.56	64.76 2.86 -32.68	69.39 3.38 -32.85	83.25 3.28 -46.46	69.97 2.94 -35.75	54.96 3.10 -17.09	54.90 2.86 -19.59	49.02 2.81 -10.25	44.93 2.90 -7.91	41.93 2.62 -8.42
LOCKPORT_115KV_TB60_63_64 80432	30.06 -0.74 0.00	27.28 -0.64 0.00	25.33 -0.88 -0.20	24.49 -1.48 -0.08	24.60 -1.35 -0.04	25.66 -0.60 -0.22	27.82 -1.32 -0.39	31.32 -1.67 -0.25	32.74 -2.07 -0.31	34.13 -2.06 -0.67	35.37 -1.25 0.03	35.78 -1.23 0.13	36.68 -1.18 0.25	36.12 -1.47 1.09	36.77 -1.70 1.02	30.09 -0.67 -1.54	34.51 -0.90 -2.25	34.61 -0.84 -1.94	32.59 -0.38 -1.69	35.18 -0.21 -0.61	33.01 -0.19 -0.75	35.47 -0.50 0.00	33.27 -0.82 0.03	30.73 -0.15 0.00
LOCKPORT___CC1 323769	29.94 -0.86 0.00	27.20 -0.73 0.00	25.36 -0.86 -0.20	24.49 -1.47 -0.08	24.63 -1.32 -0.04	25.68 -0.57 -0.22	27.82 -1.32 -0.39	31.33 -1.67 -0.26	32.71 -2.11 -0.32	34.14 -2.06 -0.68	35.33 -1.28 0.03	35.85 -1.15 0.13	36.53 -1.34 0.25	35.85 -1.74 1.09	36.77 -1.70 1.02	30.02 -0.76 -1.57	34.45 -0.96 -2.25	34.58 -0.87 -1.95	32.56 -0.41 -1.69	35.11 -0.28 -0.61	32.95 -0.26 -0.75	35.36 -0.61 0.00	33.31 -0.78 0.03	30.76 -0.12 0.00
LOCKPORT___CC2 323770	29.94 -0.86 0.00	27.20 -0.73 0.00	25.36 -0.86 -0.20	24.49 -1.47 -0.08	24.63 -1.32 -0.04	25.68 -0.57 -0.22	27.82 -1.32 -0.39	31.33 -1.67 -0.26	32.71 -2.11 -0.32	34.14 -2.06 -0.68	35.33 -1.28 0.03	35.85 -1.15 0.13	36.53 -1.34 0.25	35.85 -1.74 1.09	36.77 -1.70 1.02	30.02 -0.76 -1.57	34.45 -0.96 -2.25	34.58 -0.87 -1.95	32.56 -0.41 -1.69	35.11 -0.28 -0.61	32.95 -0.26 -0.75	35.36 -0.61 0.00	33.31 -0.78 0.03	30.76 -0.12 0.00
LOCKPORT___CC3 323771	29.94 -0.86 0.00	27.20 -0.73 0.00	25.36 -0.86 -0.20	24.49 -1.47 -0.08	24.63 -1.32 -0.04	25.68 -0.57 -0.22	27.82 -1.32 -0.39	31.33 -1.67 -0.26	32.71 -2.11 -0.32	34.14 -2.06 -0.68	35.33 -1.28 0.03	35.85 -1.15 0.13	36.53 -1.34 0.25	35.85 -1.74 1.09	36.77 -1.70 1.02	30.02 -0.76 -1.57	34.45 -0.96 -2.25	34.58 -0.87 -1.95	32.56 -0.41 -1.69	35.11 -0.28 -0.61	32.95 -0.26 -0.75	35.36 -0.61 0.00	33.31 -0.78 0.03	30.76 -0.12 0.00

LONG_LAKE_PHOENIX 24014	30.22 -0.59 0.00	27.37 -0.56 0.00	25.46 -0.55 0.00	25.21 -0.67 0.00	25.26 -0.65 0.00	25.52 -0.52 0.00	28.14 -0.63 -0.01	32.05 -0.72 -0.02	33.69 -0.83 -0.02	34.72 -0.82 -0.02	35.93 -0.73 -0.02	36.49 -0.74 -0.10	37.58 -0.72 -0.19	38.77 -0.73 -0.82	39.40 -0.87 -0.77	28.69 -0.53 0.00	32.56 -0.60 0.00	32.94 -0.57 0.00	30.81 -0.47 0.00	34.29 -0.49 0.00	32.00 -0.45 0.00	35.32 -0.65 0.00	33.43 -0.72 -0.03	30.32 -0.56 0.00
LOVETT___3 23632	32.59 1.79 0.00	29.49 1.56 0.00	28.82 1.51 -1.30	27.86 1.45 -0.53	27.63 1.45 -0.27	28.92 1.48 -1.40	32.97 1.75 -2.46	36.49 1.93 -1.82	38.84 2.14 -2.21	42.33 2.27 -4.54	38.95 2.31 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.58 2.37 -10.00	50.32 2.82 -14.34	48.65 2.75 -12.39	44.46 2.41 -10.78	41.11 2.43 -3.89	39.45 2.21 -4.78	38.06 2.09 0.00	36.24 2.12 0.00	32.76 1.88 0.00
LOVETT___4 23642	32.59 1.79 0.00	29.49 1.56 0.00	28.82 1.51 -1.30	27.86 1.45 -0.53	27.63 1.45 -0.27	28.92 1.48 -1.40	32.97 1.75 -2.46	36.49 1.93 -1.82	38.84 2.14 -2.21	42.33 2.27 -4.54	38.95 2.31 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.58 2.37 -10.00	50.32 2.82 -14.34	48.65 2.75 -12.39	44.46 2.41 -10.78	41.11 2.43 -3.89	39.45 2.21 -4.78	38.06 2.09 0.00	36.24 2.12 0.00	32.76 1.88 0.00
LOVETT___5 23593	32.59 1.79 0.00	29.49 1.56 0.00	28.82 1.51 -1.30	27.86 1.45 -0.53	27.63 1.45 -0.27	28.92 1.48 -1.40	32.97 1.75 -2.46	36.49 1.93 -1.82	38.84 2.14 -2.21	42.33 2.27 -4.54	38.95 2.31 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.58 2.37 -10.00	50.32 2.82 -14.34	48.65 2.75 -12.39	44.46 2.41 -10.78	41.11 2.43 -3.89	39.45 2.21 -4.78	38.06 2.09 0.00	36.24 2.12 0.00	32.76 1.88 0.00
LOWER_RAQUET___HYD 24057	30.68 -0.12 0.00	27.81 -0.11 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.93 0.03 0.00	25.85 -0.18 0.00	28.61 -0.14 0.00	32.61 -0.13 0.00	34.39 -0.10 0.00	35.38 -0.14 0.00	36.31 -0.33 0.00	36.69 -0.44 0.00	37.58 -0.53 0.00	37.83 -0.85 0.00	38.23 -1.27 0.00	27.93 -1.28 0.00	31.70 -1.46 0.00	32.10 -1.41 0.00	29.96 -1.31 0.00	33.53 -1.25 0.00	31.35 -1.10 0.00	35.36 -0.61 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
LOWER___HUDSON 24059	32.56 1.75 0.00	29.52 1.59 0.00	31.24 1.48 -3.74	28.83 1.42 -1.53	28.15 1.45 -0.79	31.58 1.51 -4.03	37.28 1.67 -6.85	39.85 1.87 -5.24	42.80 1.93 -6.38	50.59 1.99 -13.08	38.66 2.01 0.00	39.17 2.04 0.00	40.25 2.13 0.00	40.84 2.16 0.00	41.74 2.25 0.00	59.80 1.75 -28.83	76.53 1.99 -41.38	71.24 1.98 -35.76	64.24 1.88 -31.09	48.06 2.05 -11.23	48.16 1.91 -13.79	37.91 1.94 0.00	36.00 1.88 0.00	32.64 1.76 0.00
LOWVILLE_115KV_TB2 356335	30.83 0.03 0.00	27.95 0.03 0.00	25.98 -0.03 0.00	25.85 -0.03 0.00	25.88 -0.03 0.00	25.91 -0.13 0.00	28.68 -0.09 -0.01	32.74 0.00 0.00	34.39 -0.10 0.00	35.38 -0.14 0.00	36.50 -0.15 0.00	37.02 -0.11 0.00	38.04 -0.08 0.00	38.45 -0.23 0.00	38.94 -0.55 0.00	28.75 -0.47 0.00	32.70 -0.46 0.00	33.17 -0.34 0.00	31.12 -0.16 0.00	34.75 -0.03 0.00	32.43 -0.03 0.00	36.01 0.04 0.00	34.12 0.00 0.00	30.82 -0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.90 2.09 0.00	29.82 1.90 0.00	31.94 1.74 -4.19	29.27 1.68 -1.71	28.50 1.71 -0.89	32.34 1.80 -4.51	38.39 1.98 -7.65	40.84 2.23 -5.87	44.01 2.38 -7.14	52.61 2.45 -14.64	39.03 2.38 0.00	39.55 2.41 0.00	40.59 2.48 0.00	41.12 2.44 0.00	42.18 2.69 0.00	63.56 2.07 -32.27	81.82 2.35 -46.30	75.90 2.38 -40.01	68.35 2.28 -34.79	49.89 2.54 -12.57	50.32 2.43 -15.43	38.45 2.48 0.00	36.44 2.32 0.00	32.95 2.07 0.00
LUTHERNY_35_KV_BK2 355980	32.90 2.09 0.00	29.82 1.90 0.00	31.97 1.77 -4.19	29.27 1.68 -1.71	28.50 1.71 -0.89	32.34 1.80 -4.51	38.42 2.01 -7.65	40.87 2.26 -5.87	44.05 2.41 -7.14	52.65 2.49 -14.64	39.03 2.38 0.00	39.55 2.41 0.00	40.63 2.52 0.00	41.15 2.48 0.00	42.18 2.69 0.00	63.59 2.10 -32.27	81.85 2.39 -46.30	75.93 2.41 -40.01	68.35 2.28 -34.79	49.92 2.57 -12.57	50.36 2.47 -15.43	38.49 2.52 0.00	36.48 2.35 0.00	32.98 2.10 0.00
LWR___OSWEGATCHIE_HYD 23850	30.59 -0.22 0.00	27.73 -0.20 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.77 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.02 -0.50 0.00	36.09 -0.55 0.00	36.61 -0.52 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.35 -1.15 0.00	28.13 -1.08 0.00	31.97 -1.19 0.00	32.43 -1.07 0.00	30.37 -0.91 0.00	33.95 -0.83 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
LYONS_FALL_HYD 23570	31.14 0.34 0.00	28.23 0.31 0.00	26.24 0.23 0.00	26.08 0.21 0.00	26.11 0.21 0.00	26.19 0.16 0.00	28.99 0.23 -0.01	33.14 0.39 0.00	34.84 0.34 0.00	36.01 0.50 0.00	37.16 0.51 0.00	37.65 0.52 0.00	38.68 0.57 0.00	39.22 0.54 0.00	39.69 0.20 0.00	29.36 0.15 0.00	33.39 0.23 0.00	33.84 0.34 0.00	31.68 0.41 0.00	35.30 0.52 0.00	32.91 0.45 0.00	36.44 0.47 0.00	34.50 0.38 0.00	31.13 0.25 0.00
MADISON___COUNTY_LFGE 323628	31.51 0.71 0.00	28.54 0.61 0.00	26.53 0.52 0.00	26.32 0.44 0.00	26.37 0.47 0.00	26.53 0.49 0.00	29.34 0.58 -0.01	33.56 0.82 0.01	35.35 0.86 0.01	36.51 0.99 0.01	37.74 1.10 0.01	38.22 1.11 0.03	39.24 1.18 0.05	39.69 1.24 0.22	40.23 0.95 0.21	30.06 0.85 0.00	34.12 0.96 0.00	34.58 1.07 0.00	32.34 1.06 0.00	35.96 1.18 0.00	33.56 1.10 0.00	37.01 1.04 0.00	34.90 0.78 0.01	31.53 0.65 0.00
MALONE___115KV_TB1 356076	30.80 0.00 0.00	27.93 0.00 0.00	26.09 0.08 0.00	26.09 0.21 0.00	26.14 0.23 0.00	26.09 0.05 0.00	28.93 0.17 0.00	33.07 0.33 0.00	34.98 0.48 0.00	35.59 0.07 0.00	36.61 -0.04 0.00	37.06 -0.07 0.00	37.58 -0.53 0.00	37.87 -0.81 0.00	38.62 -0.87 0.00	28.43 -0.79 0.00	32.23 -0.93 0.00	32.60 -0.90 0.00	30.43 -0.84 0.00	34.05 -0.73 0.00	32.07 -0.39 0.00	35.79 -0.18 0.00	34.06 -0.07 0.00	30.76 -0.12 0.00
MAPLEWOD_115KV_TB3 80458	32.50 1.69 0.00	29.55 1.62 0.00	30.89 1.51 -3.37	28.73 1.48 -1.37	28.09 1.48 -0.71	31.20 1.54 -3.63	36.56 1.61 -6.19	39.27 1.80 -4.72	42.14 1.90 -5.75	49.26 1.95 -11.79	38.59 1.94 0.00	39.10 1.97 0.00	40.21 2.10 0.00	40.73 2.05 0.00	41.74 2.25 0.00	56.94 1.75 -25.97	72.42 1.99 -37.27	67.68 1.98 -32.20	61.09 1.81 -28.00	46.91 2.02 -10.11	46.73 1.85 -12.42	37.91 1.94 0.00	35.97 1.84 0.00	32.58 1.70 0.00
MAPLE_RIDGE_WT_1 323574	30.19 -0.62 0.00	27.37 -0.56 0.00	25.52 -0.49 0.00	25.49 -0.39 0.00	25.49 -0.42 0.00	25.52 -0.52 0.00	28.21 -0.55 0.00	32.16 -0.59 0.00	33.94 -0.55 0.00	34.95 -0.57 0.00	35.95 -0.70 0.00	36.39 -0.74 0.00	37.27 -0.84 0.00	37.71 -0.97 0.00	38.43 -1.06 0.00	28.28 -0.94 0.00	32.13 -1.03 0.00	32.53 -0.97 0.00	30.84 -0.44 0.00	34.36 -0.42 0.00	32.10 -0.36 0.00	35.65 -0.32 0.00	33.85 -0.27 0.00	30.63 -0.25 0.00

MAPLE RIDGE_WT_2 323611	30.19 -0.62 0.00	27.37 -0.56 0.00	25.52 -0.49 0.00	25.49 -0.39 0.00	25.49 -0.42 0.00	25.52 -0.52 0.00	28.21 -0.55 0.00	32.16 -0.59 0.00	33.94 -0.55 0.00	34.95 -0.57 0.00	35.95 -0.70 0.00	36.39 -0.74 0.00	37.27 -0.84 0.00	37.71 -0.97 0.00	38.43 -1.06 0.00	28.28 -0.94 0.00	32.13 -1.03 0.00	32.53 -0.97 0.00	30.84 -0.44 0.00	34.36 -0.42 0.00	32.10 -0.36 0.00	35.65 -0.32 0.00	33.85 -0.27 0.00	30.63 -0.25 0.00
MARBLE RIVER_WT_PWR 323696	30.71 -0.09 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.03 0.13 0.00	26.04 0.00 0.00	28.87 0.12 0.00	32.97 0.23 0.00	34.84 0.34 0.00	35.34 -0.18 0.00	36.31 -0.33 0.00	36.43 -0.71 0.00	37.16 -0.95 0.00	37.48 -1.20 0.00	38.34 -1.15 0.00	28.31 -0.91 0.00	32.13 -1.03 0.00	32.43 -1.07 0.00	30.27 -1.00 0.00	33.84 -0.94 0.00	31.97 -0.49 0.00	35.61 -0.36 0.00	33.85 -0.27 0.00	30.57 -0.31 0.00
MARSHVLE_115KV_TB1 80742	33.11 2.31 0.00	29.94 2.01 0.00	31.57 1.85 -3.71	29.12 1.73 -1.51	28.42 1.74 -0.78	31.91 1.87 -4.00	37.76 2.16 -6.84	40.40 2.46 -5.20	43.34 2.52 -6.33	50.94 2.45 -12.97	39.03 2.38 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.31 2.63 0.00	42.33 2.84 0.00	60.11 2.31 -28.58	76.79 2.62 -41.02	71.73 2.78 -35.44	64.78 2.69 -30.81	48.97 3.06 -11.13	48.98 2.86 -13.67	38.81 2.84 0.00	36.58 2.46 0.00	32.98 2.10 0.00
MARSH_HILL_WT_PWR 323713	31.17 0.37 0.00	28.29 0.36 0.00	26.48 0.18 -0.29	25.74 -0.26 -0.12	25.86 -0.10 -0.06	26.79 0.44 -0.31	29.31 0.00 -0.55	33.10 -0.03 -0.39	34.63 -0.34 -0.48	36.05 -0.46 -0.99	36.74 0.11 0.02	37.24 0.19 0.08	37.96 0.00 0.15	37.86 -0.15 0.66	38.60 -0.27 0.62	31.97 0.53 -2.23	36.56 0.20 -3.20	36.74 0.47 -2.77	34.62 0.94 -2.41	36.69 1.04 -0.87	34.56 1.04 -1.07	36.87 0.90 0.00	34.48 0.38 0.02	31.71 0.83 0.00
MCINTYRE_115KV_TB2 80467	31.08 0.28 0.00	28.20 0.28 0.00	26.30 0.29 0.00	26.32 0.44 0.00	26.29 0.39 0.00	26.14 0.10 0.00	28.99 0.23 0.00	33.04 0.29 0.00	34.87 0.38 0.00	35.77 0.25 0.00	36.83 0.18 0.00	37.32 0.19 0.00	38.19 0.08 0.00	38.49 -0.19 0.00	39.02 -0.47 0.00	28.51 -0.70 0.00	32.33 -0.83 0.00	32.77 -0.74 0.00	30.62 -0.66 0.00	34.29 -0.49 0.00	32.04 -0.42 0.00	35.97 0.00 0.00	34.33 0.20 0.00	30.94 0.06 0.00
MECO____69_KV_BK1 80468	33.79 2.99 0.00	30.52 2.60 0.00	32.34 2.37 -3.96	29.74 2.25 -1.61	29.05 2.31 -0.84	32.75 2.45 -4.27	38.88 2.85 -7.28	41.47 3.18 -5.55	44.45 3.21 -6.75	52.92 3.55 -13.85	40.01 3.37 0.00	40.55 3.42 0.00	41.73 3.62 0.00	42.32 3.64 0.00	42.97 3.48 0.00	62.48 2.75 -30.52	80.07 3.12 -43.80	74.77 3.42 -37.84	67.53 3.35 -32.90	50.53 3.86 -11.89	50.66 3.60 -14.59	39.57 3.60 0.00	37.23 3.11 0.00	33.54 2.66 0.00
MENANDS__115KV_TB5 355628	32.25 1.45 0.00	29.41 1.48 0.00	30.58 1.38 -3.19	28.50 1.32 -1.30	27.90 1.32 -0.67	30.85 1.38 -3.44	36.01 1.38 -5.87	38.75 1.54 -4.47	41.56 1.62 -5.44	48.31 1.63 -11.16	38.29 1.65 0.00	38.80 1.67 0.00	39.90 1.79 0.00	40.34 1.66 0.00	41.35 1.86 0.00	55.27 1.46 -24.59	70.11 1.66 -35.29	65.64 1.64 -30.49	59.26 1.47 -26.51	45.99 1.63 -9.58	45.71 1.49 -11.76	37.55 1.58 0.00	35.66 1.54 0.00	32.33 1.45 0.00
MG INDUSTRY__DRP 24185	32.25 1.45 0.00	29.38 1.45 0.00	29.82 1.35 -2.46	28.17 1.29 -1.00	27.72 1.30 -0.52	30.03 1.35 -2.64	34.70 1.38 -4.56	37.66 1.47 -3.44	40.23 1.55 -4.19	45.67 1.56 -8.59	38.22 1.58 0.00	38.69 1.56 0.00	39.75 1.64 0.00	40.27 1.59 0.00	41.23 1.74 0.00	49.48 1.34 -18.92	61.80 1.49 -27.14	58.47 1.51 -23.46	53.08 1.41 -20.39	43.71 1.57 -7.37	42.93 1.43 -9.04	37.48 1.51 0.00	35.63 1.50 0.00	32.30 1.42 0.00
MID__OSWEGATCHIE_HYD 23849	30.59 -0.22 0.00	27.73 -0.20 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.77 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.02 -0.50 0.00	36.09 -0.55 0.00	36.61 -0.52 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.35 -1.15 0.00	28.13 -1.08 0.00	31.97 -1.19 0.00	32.43 -1.07 0.00	30.37 -0.91 0.00	33.95 -0.83 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
MID__RAQUETTE_HYD 23851	30.65 -0.15 0.00	27.81 -0.11 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.93 0.03 0.00	25.85 -0.18 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.39 -0.10 0.00	35.27 -0.25 0.00	36.31 -0.33 0.00	36.76 -0.37 0.00	37.58 -0.53 0.00	37.79 -0.89 0.00	38.23 -1.26 0.00	27.93 -1.29 0.00	31.70 -1.46 0.00	32.10 -1.41 0.00	29.96 -1.31 0.00	33.53 -1.25 0.00	31.36 -1.10 0.00	35.36 -0.61 0.00	33.92 -0.20 0.00	30.60 -0.28 0.00
MILLIKEN__1 23584	31.36 0.55 0.00	28.43 0.50 0.00	26.67 0.36 -0.29	26.20 0.21 -0.12	26.25 0.28 -0.06	26.79 0.44 -0.31	29.74 0.43 -0.55	33.79 0.65 -0.39	35.63 0.66 -0.48	37.15 0.64 -0.99	37.45 0.81 0.00	37.86 0.74 0.02	38.91 0.80 0.00	39.57 0.89 0.00	40.12 0.63 0.00	32.17 0.76 -2.20	37.11 0.73 -3.22	37.16 0.87 -2.78	34.64 0.94 -2.42	36.73 1.08 -0.87	34.54 1.01 -1.07	36.94 0.97 0.00	34.80 0.68 0.01	31.53 0.65 0.00
MILLIKEN__2 23585	31.36 0.55 0.00	28.43 0.50 0.00	26.67 0.36 -0.29	26.20 0.21 -0.12	26.25 0.28 -0.06	26.79 0.44 -0.31	29.74 0.43 -0.55	33.79 0.65 -0.39	35.63 0.66 -0.48	37.15 0.64 -0.99	37.45 0.81 0.00	37.86 0.74 0.02	38.91 0.80 0.00	39.57 0.89 0.00	40.12 0.63 0.00	32.17 0.76 -2.20	37.11 0.73 -3.22	37.16 0.87 -2.78	34.64 0.94 -2.42	36.73 1.08 -0.87	34.54 1.01 -1.07	36.94 0.97 0.00	34.80 0.68 0.01	31.53 0.65 0.00
MILLIKEN__DIESEL 23629	31.36 0.55 0.00	28.43 0.50 0.00	26.67 0.36 -0.29	26.20 0.21 -0.12	26.25 0.28 -0.06	26.79 0.44 -0.31	29.74 0.43 -0.55	33.79 0.65 -0.39	35.63 0.66 -0.48	37.15 0.64 -0.99	37.45 0.81 0.00	37.86 0.74 0.02	38.91 0.80 0.00	39.57 0.89 0.00	40.12 0.63 0.00	32.17 0.76 -2.20	37.11 0.73 -3.22	37.16 0.87 -2.78	34.64 0.94 -2.42	36.73 1.08 -0.87	34.54 1.01 -1.07	36.94 0.97 0.00	34.80 0.68 0.01	31.53 0.65 0.00
MILLSEAT__LFGE 323607	30.40 -0.40 0.00	27.62 -0.31 0.00	25.71 -0.49 -0.19	24.90 -1.06 -0.08	24.99 -0.96 -0.04	26.04 -0.21 -0.21	28.32 -0.81 -0.37	31.91 -1.08 -0.24	33.32 -1.48 -0.30	34.75 -1.42 -0.65	35.99 -0.62 0.03	36.48 -0.52 0.13	37.18 -0.68 0.25	36.48 -1.08 1.11	37.42 -1.03 1.04	30.42 -0.29 -1.50	34.92 -0.40 -2.15	35.03 -0.34 -1.86	32.96 0.06 -1.62	35.61 0.25 -0.58	33.41 0.23 -0.72	36.01 0.04 0.00	33.89 -0.20 0.03	31.19 0.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.71 1.91 0.00	29.60 1.68 0.00	28.97 1.61 -1.35	27.98 1.55 -0.55	27.74 1.55 -0.28	29.07 1.59 -1.45	33.18 1.87 -2.55	36.69 2.06 -1.88	39.03 2.24 -2.29	42.60 2.38 -4.70	39.03 2.38 0.00	39.66 2.52 0.00	40.78 2.67 0.00	41.54 2.86 0.00	42.57 3.08 0.00	42.03 2.45 -10.36	50.95 2.92 -14.87	49.17 2.81 -12.85	44.95 2.50 -11.17	41.35 2.54 -4.04	39.75 2.34 -4.95	38.20 2.23 0.00	36.38 2.25 0.00	32.89 2.01 0.00

MILLWOOD_13_KV_LOAD 356217	32.77 1.97 0.00	29.69 1.76 0.00	29.02 1.66 -1.35	28.06 1.63 -0.55	27.79 1.61 -0.28	29.12 1.64 -1.45	33.24 1.93 -2.55	36.76 2.13 -1.88	39.10 2.31 -2.29	42.71 2.49 -4.70	39.14 2.49 0.00	39.77 2.64 0.00	40.89 2.78 0.00	41.66 2.98 0.00	42.73 3.24 0.00	42.15 2.57 -10.36	51.08 3.05 -14.87	49.30 2.95 -12.85	45.07 2.63 -11.17	41.49 2.68 -4.04	39.88 2.47 -4.95	38.35 2.37 0.00	36.48 2.35 0.00	32.98 2.10 0.00
MODEL_CITY_ENERGY 24167	29.60 -1.20 0.00	26.89 -1.03 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.34 -1.61 -0.04	25.40 -0.86 -0.22	27.51 -1.64 -0.39	30.97 -2.03 -0.26	32.30 -2.52 -0.33	33.76 -2.45 -0.69	34.93 -1.69 0.03	35.41 -1.60 0.13	36.12 -1.75 0.24	35.40 -2.20 1.08	36.31 -2.17 1.01	29.70 -1.11 -1.59	34.08 -1.36 -2.28	34.20 -1.27 -1.97	32.21 -0.78 -1.72	34.70 -0.70 -0.62	32.57 -0.65 -0.76	34.96 -1.01 0.00	32.93 -1.16 0.03	30.42 -0.46 0.00
MODERN_LFGE_ 323580	29.60 -1.20 0.00	26.89 -1.03 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.34 -1.61 -0.04	25.40 -0.86 -0.22	27.51 -1.64 -0.39	30.97 -2.03 -0.26	32.30 -2.52 -0.33	33.76 -2.45 -0.69	34.93 -1.69 0.03	35.41 -1.60 0.13	36.12 -1.75 0.24	35.40 -2.20 1.08	36.31 -2.17 1.01	29.70 -1.11 -1.59	34.08 -1.36 -2.28	34.20 -1.27 -1.97	32.21 -0.78 -1.72	34.70 -0.70 -0.62	32.57 -0.65 -0.76	34.96 -1.01 0.00	32.93 -1.16 0.03	30.42 -0.46 0.00
MOHAWK_PAPER___DRP 24187	32.50 1.69 0.00	29.55 1.62 0.00	30.89 1.51 -3.37	28.73 1.48 -1.37	28.09 1.48 -0.71	31.20 1.54 -3.63	36.56 1.61 -6.19	39.27 1.80 -4.72	42.14 1.90 -5.75	49.26 1.95 -11.79	38.59 1.94 0.00	39.10 1.97 0.00	40.21 2.10 0.00	40.73 2.05 0.00	41.74 2.25 0.00	56.94 1.75 -25.97	72.42 1.99 -37.27	67.68 1.98 -32.20	61.09 1.81 -28.00	46.91 2.02 -10.11	46.73 1.85 -12.42	37.91 1.94 0.00	35.97 1.84 0.00	32.58 1.70 0.00
MOHICAN__35_KV_115KV_LD 80490	32.99 2.19 0.00	29.88 1.95 0.00	32.04 1.82 -4.21	29.33 1.73 -1.72	28.58 1.79 -0.89	32.47 1.90 -4.53	38.57 2.13 -7.68	41.06 2.42 -5.89	44.29 2.62 -7.18	52.93 2.70 -14.72	39.06 2.42 0.00	39.58 2.45 0.00	40.67 2.55 0.00	41.00 2.32 0.00	42.10 2.61 0.00	63.66 2.02 -32.43	81.98 2.29 -46.54	76.03 2.31 -40.21	68.58 2.35 -34.96	50.05 2.64 -12.63	50.66 2.69 -15.51	38.71 2.73 0.00	36.62 2.49 0.00	33.07 2.19 0.00
MONGAUP___HYD 23641	32.50 1.69 0.00	29.43 1.51 0.00	28.62 1.40 -1.21	27.72 1.34 -0.49	27.48 1.32 -0.25	28.71 1.38 -1.30	32.69 1.64 -2.29	36.20 1.77 -1.69	38.38 1.83 -2.06	41.72 1.99 -4.22	38.62 1.98 0.00	39.21 2.08 0.00	40.25 2.13 0.00	40.96 2.28 0.00	41.78 2.29 0.00	40.41 1.90 -9.29	48.82 2.32 -13.34	47.41 2.38 -11.52	43.52 2.22 -10.02	40.77 2.37 -3.62	39.04 2.14 -4.44	38.02 2.05 0.00	36.14 2.01 0.00	32.67 1.79 0.00
MONTAUK___DIESEL 23721	52.81 5.05 -16.96	42.17 4.52 -9.72	35.25 4.27 -4.98	33.19 4.11 -3.20	31.43 4.12 -1.41	40.11 4.19 -9.89	38.84 4.75 -5.34	48.25 5.44 -10.07	49.52 6.28 -8.75	46.83 6.22 -5.09	48.28 6.41 -5.22	51.04 6.57 -7.33	53.77 6.71 -8.95	60.24 7.12 -14.44	69.55 7.50 -22.56	67.80 5.90 -32.69	89.26 6.73 -49.37	86.67 6.70 -46.47	91.23 6.13 -53.82	73.41 6.75 -31.88	58.21 6.17 -19.59	52.48 6.26 -10.25	49.05 6.01 -8.92	44.74 5.44 -8.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.08 0.28 0.00	28.09 0.17 0.00	26.23 -0.03 -0.24	25.38 -0.60 -0.10	25.59 -0.36 -0.05	26.64 0.34 -0.26	28.96 -0.26 -0.47	32.53 -0.52 -0.31	34.75 -0.14 -0.39	35.91 -0.43 -0.82	36.91 0.29 0.03	37.13 0.11 0.11	38.05 0.15 0.21	37.59 -0.15 0.93	38.10 -0.51 0.88	31.68 0.58 -1.88	36.44 0.56 -2.72	36.31 0.47 -2.34	34.12 0.81 -2.03	36.49 0.97 -0.73	34.24 0.88 -0.90	36.80 0.83 0.00	34.50 0.41 0.03	31.78 0.90 0.00
MORTIMER_115KV_TB3 55949	30.56 -0.25 0.00	27.65 -0.28 0.00	25.75 -0.42 -0.16	25.14 -0.80 -0.07	25.21 -0.73 -0.03	26.00 -0.21 -0.17	28.52 -0.55 -0.31	32.37 -0.56 -0.18	33.83 -0.90 -0.23	35.28 -0.75 -0.51	36.35 -0.26 0.03	36.77 -0.22 0.14	37.69 -0.15 0.27	37.20 -0.27 1.21	38.00 -0.36 1.14	30.38 -0.03 -1.19	34.77 -0.17 -1.78	34.91 -0.13 -1.54	32.74 0.13 -1.34	35.47 0.21 -0.48	33.25 0.19 -0.59	36.04 0.07 0.00	33.92 -0.17 0.04	30.97 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.87 2.06 0.00	29.74 1.82 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.87 1.68 -0.29	29.19 1.69 -1.46	33.34 2.01 -2.57	36.90 2.26 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.84 2.71 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.81 3.32 0.00	42.29 2.63 -10.44	51.29 3.15 -14.98	49.47 3.02 -12.94	45.16 2.63 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.31 2.34 0.00	36.55 2.42 0.00	33.04 2.16 0.00
MUNSVILLE_WIND_PWR 323609	32.96 2.16 0.00	29.88 1.95 0.00	28.26 1.69 -0.56	27.66 1.55 -0.23	27.68 1.66 -0.12	28.35 1.72 -0.60	31.72 1.93 -1.04	36.04 2.52 -0.78	37.89 2.45 -0.95	40.05 2.59 -1.95	39.35 2.71 0.01	39.82 2.71 0.03	40.77 2.71 0.05	41.25 2.79 0.22	41.54 2.25 0.21	35.56 2.04 -4.30	41.62 2.29 -6.17	41.38 2.55 -5.33	38.67 2.75 -4.64	39.69 3.24 -1.67	37.53 3.02 -2.06	38.96 2.98 0.00	36.44 2.32 0.01	32.98 2.10 0.00
N SALMON___HYD 24042	30.83 0.03 0.00	27.93 0.00 0.00	26.11 0.10 0.00	26.08 0.21 0.00	26.14 0.23 0.00	26.09 0.05 0.00	28.93 0.17 0.00	33.07 0.33 0.00	34.98 0.48 0.00	35.66 0.14 0.00	36.61 -0.04 0.00	36.83 -0.30 0.00	37.62 -0.50 0.00	37.91 -0.77 0.00	38.62 -0.87 0.00	28.43 -0.79 0.00	32.23 -0.93 0.00	32.60 -0.90 0.00	30.43 -0.84 0.00	34.05 -0.73 0.00	32.04 -0.42 0.00	35.79 -0.18 0.00	34.02 -0.10 0.00	30.76 -0.12 0.00
N.AKRON__115KV_KNAPP 355671	30.53 -0.28 0.00	27.70 -0.22 0.00	25.71 -0.49 -0.20	24.90 -1.06 -0.08	24.99 -0.96 -0.04	26.04 -0.21 -0.21	28.30 -0.83 -0.38	31.90 -1.08 -0.24	33.35 -1.45 -0.30	34.78 -1.39 -0.65	36.03 -0.59 0.03	36.45 -0.56 0.13	37.33 -0.53 0.25	36.80 -0.77 1.10	37.43 -1.03 1.04	30.51 -0.20 -1.50	34.98 -0.36 -2.19	35.09 -0.30 -1.89	33.05 0.13 -1.64	35.69 0.31 -0.59	33.51 0.32 -0.73	36.08 0.11 0.00	33.85 -0.24 0.03	31.19 0.31 0.00
N.BELMOR_69_KV_BK1 55787	50.56 2.80 -16.96	40.13 2.49 -9.72	33.35 2.37 -4.98	31.33 2.25 -3.20	29.54 2.23 -1.41	38.21 2.29 -9.89	36.72 2.62 -5.34	45.79 2.98 -10.07	46.41 3.17 -8.75	43.87 3.27 -5.09	45.05 3.19 -5.22	47.77 3.30 -7.33	50.53 3.47 -8.95	56.83 3.71 -14.44	66.00 3.95 -22.56	64.99 3.10 -32.68	69.92 3.68 -33.08	83.55 3.59 -46.46	70.50 3.22 -36.00	55.44 3.37 -17.29	55.19 3.15 -19.59	49.35 3.13 -10.25	45.27 3.21 -7.94	42.17 2.87 -8.42
N.E._GEN_SANDY PD 24062	41.10 1.75 -8.54	37.29 1.62 -7.75	46.27 1.51 -18.75	37.05 1.47 -9.70	38.20 1.45 -10.85	44.61 1.51 -17.06	43.67 1.73 -13.19	38.55 1.90 -3.91	39.78 1.97 -3.32	44.32 1.99 -6.81	38.83 2.05 -0.14	39.21 2.08 0.00	40.28 2.17 0.00	41.00 2.32 0.00	41.90 2.41 0.00	46.13 1.90 -15.01	56.89 2.19 -21.55	54.27 2.15 -18.62	52.00 2.00 -18.72	49.40 2.12 -12.50	45.72 1.95 -11.31	37.90 1.91 -0.02	36.00 1.88 0.00	39.00 1.76 -6.36

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.62 1.82 0.00	29.55 1.62 0.00	28.84 1.53 -1.29	27.91 1.50 -0.53	27.65 1.48 -0.27	28.94 1.51 -1.39	33.03 1.81 -2.46	36.55 2.00 -1.81	38.87 2.17 -2.21	42.39 2.34 -4.53	39.03 2.38 0.00	39.66 2.52 0.00	40.78 2.67 0.00	41.58 2.90 0.00	42.53 3.04 0.00	41.61 2.42 -9.97	50.39 2.92 -14.31	48.68 2.81 -12.36	44.50 2.47 -10.75	41.17 2.50 -3.88	39.50 2.27 -4.77	38.13 2.16 0.00	36.31 2.18 0.00	32.80 1.91 0.00
N. QUEENS_27_KV_LOAD 356247	33.14 2.34 0.00	29.94 2.01 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.06 1.87 -0.29	29.24 1.74 -1.46	33.31 1.98 -2.57	36.77 2.13 -1.90	39.08 2.28 -2.31	42.71 2.45 -4.74	39.06 2.42 0.00	39.69 2.56 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.69 3.20 0.00	42.20 2.54 -10.44	51.32 3.18 -14.98	49.36 2.91 -12.94	45.06 2.53 -11.25	41.38 2.54 -4.07	39.82 2.37 -4.99	38.09 2.12 0.00	36.62 2.49 0.00	33.29 2.41 0.00
N. TROY___115KV_TB1 355778	32.53 1.72 0.00	29.52 1.59 0.00	31.24 1.48 -3.74	28.83 1.42 -1.53	28.15 1.45 -0.79	31.58 1.51 -4.03	37.28 1.67 -6.85	39.82 1.83 -5.24	42.81 1.93 -6.38	50.63 2.02 -13.09	38.66 2.02 0.00	39.14 2.01 0.00	40.21 2.10 0.00	40.77 2.09 0.00	41.74 2.25 0.00	59.80 1.75 -28.83	76.53 1.99 -41.38	71.27 2.01 -35.76	64.24 1.88 -31.09	48.06 2.05 -11.23	48.19 1.95 -13.79	37.91 1.94 0.00	36.00 1.88 0.00	32.61 1.73 0.00
NARROWS_GT1_1 24228	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_2 24229	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_3 24230	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_4 24231	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_5 24232	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_6 24233	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_7 24234	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT1_8 24235	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_1 24236	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_2 24237	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_3 24238	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_4 24239	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00

NARROWS_GT2_5 24240	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_6 24241	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_7 24242	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NARROWS_GT2_8 24243	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.25 2.72 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.74 1.94 0.00	29.88 1.95 0.00	29.99 1.66 -2.32	28.48 1.66 -0.94	28.05 1.66 -0.49	30.28 1.74 -2.50	34.88 1.81 -4.31	37.89 1.90 -3.25	40.48 2.04 -3.95	45.58 1.95 -8.11	38.70 2.05 0.00	39.10 1.97 0.00	40.17 2.06 0.00	40.61 1.93 0.00	41.54 2.05 0.00	48.51 1.43 -17.86	60.48 1.69 -25.63	57.43 1.78 -22.14	52.28 1.75 -19.25	43.79 2.05 -6.95	42.88 1.88 -8.54	38.13 2.16 0.00	36.17 2.05 0.00	32.83 1.95 0.00
NCHELSEA_115KV_TR2 355582	32.93 2.13 0.00	29.82 1.90 0.00	29.15 1.77 -1.37	28.15 1.71 -0.56	27.88 1.68 -0.29	29.26 1.74 -1.48	33.40 2.04 -2.60	36.89 2.23 -1.92	39.28 2.45 -2.34	42.94 2.63 -4.79	39.28 2.64 0.00	39.84 2.71 0.00	40.97 2.86 0.00	41.70 3.02 0.00	42.61 3.12 0.00	42.26 2.48 -10.56	51.30 2.98 -15.15	49.55 2.95 -13.09	45.32 2.66 -11.38	41.67 2.78 -4.11	40.04 2.53 -5.05	38.42 2.45 0.00	36.58 2.46 0.00	33.04 2.16 0.00
NEG CAPITAL___MECHNVIL 23645	32.96 2.16 0.00	29.85 1.93 0.00	31.88 1.79 -4.07	29.25 1.71 -1.66	28.50 1.74 -0.86	32.24 1.82 -4.39	38.24 2.04 -7.44	40.77 2.33 -5.70	43.89 2.45 -6.94	52.32 2.56 -14.24	39.14 2.49 0.00	39.69 2.56 0.00	40.78 2.67 0.00	41.35 2.67 0.00	42.29 2.80 0.00	62.78 2.19 -31.38	80.64 2.45 -45.03	74.90 2.48 -38.91	67.48 2.38 -33.83	49.64 2.64 -12.22	49.96 2.50 -15.01	38.53 2.55 0.00	36.51 2.39 0.00	33.04 2.16 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.94 -0.86 0.00	27.14 -0.78 0.00	25.31 -0.86 -0.16	24.78 -1.16 -0.06	24.82 -1.11 -0.03	25.53 -0.68 -0.17	28.14 -0.92 -0.30	31.70 -1.24 -0.20	33.32 -1.42 -0.25	34.80 -1.24 -0.53	35.74 -0.88 0.02	36.18 -0.85 0.10	37.03 -0.88 0.20	36.74 -1.04 0.89	37.59 -1.06 0.84	29.78 -0.64 -1.21	34.37 -0.53 -1.74	34.47 -0.54 -1.50	32.17 -0.41 -1.31	34.84 -0.42 -0.47	32.65 -0.39 -0.58	35.39 -0.58 0.00	33.45 -0.65 0.03	30.36 -0.53 0.00
NEG CENTRAL___DRP 24199	30.86 0.06 0.00	27.93 0.00 0.00	26.08 -0.10 -0.17	25.61 -0.34 -0.07	25.68 -0.26 -0.04	26.25 0.03 -0.19	29.00 -0.09 -0.33	33.28 0.26 -0.28	35.07 0.24 -0.34	36.39 0.18 -0.69	37.08 0.44 0.00	37.54 0.41 0.00	38.53 0.42 0.00	39.10 0.43 0.00	39.69 0.20 0.00	31.42 0.67 -1.54	35.28 0.20 -1.93	35.44 0.27 -1.66	33.19 0.47 -1.45	35.75 0.45 -0.52	33.62 0.52 -0.64	36.40 0.43 0.00	34.28 0.17 0.01	31.10 0.22 0.00
NEG CENTRAL___INDECK 23768	31.51 0.71 0.00	28.59 0.67 0.00	26.69 0.44 -0.24	25.98 0.00 -0.10	26.06 0.10 -0.05	27.00 0.70 -0.26	29.50 0.29 -0.45	32.20 -0.85 -0.31	33.57 -1.31 -0.38	34.69 -1.63 -0.81	35.45 -1.17 0.02	36.10 -0.93 0.10	36.84 -1.07 0.20	36.44 -1.35 0.89	37.43 -1.22 0.83	30.58 -0.47 -1.83	35.26 -0.53 -2.63	35.55 -0.23 -2.27	33.50 0.25 -1.98	36.02 0.52 -0.71	33.89 0.55 -0.88	36.44 0.47 0.00	34.37 0.27 0.03	31.31 0.43 0.00
NEG CENTRAL___SENECA 23627	30.93 0.12 0.00	27.95 0.03 0.00	26.13 -0.08 -0.20	25.60 -0.36 -0.08	25.69 -0.26 -0.04	26.35 0.10 -0.21	29.07 -0.06 -0.37	33.56 0.49 -0.33	35.41 0.52 -0.40	36.73 0.39 -0.83	37.37 0.73 0.01	37.78 0.67 0.02	38.76 0.69 0.04	39.20 0.70 0.18	39.72 0.39 0.16	32.13 1.08 -1.84	35.60 0.27 -2.17	35.75 0.37 -1.88	33.54 0.63 -1.63	35.96 0.59 -0.59	33.90 0.71 -0.72	36.58 0.61 0.00	34.38 0.27 0.02	31.25 0.37 0.00
NEG CENTRAL___STATE_STREET 24147	31.17 0.37 0.00	28.23 0.31 0.00	26.36 0.18 -0.17	26.00 0.05 -0.07	26.07 0.13 -0.04	26.50 0.29 -0.18	29.31 0.23 -0.32	33.38 0.39 -0.24	35.20 0.41 -0.30	36.34 0.21 -0.61	37.05 0.40 0.00	37.54 0.41 0.00	38.57 0.46 0.00	39.14 0.46 0.00	39.96 0.47 0.00	31.21 0.64 -1.35	35.61 0.56 -1.88	35.80 0.67 -1.63	33.38 0.69 -1.42	36.09 0.80 -0.51	33.83 0.75 -0.63	36.65 0.68 0.00	34.60 0.48 0.00	31.34 0.46 0.00
NEG MILLWOOD___DRP 24198	32.99 2.19 0.00	29.88 1.95 0.00	29.21 1.82 -1.38	28.23 1.79 -0.56	27.93 1.74 -0.29	29.32 1.80 -1.49	33.48 2.10 -2.62	36.97 2.29 -1.93	39.37 2.52 -2.36	43.05 2.70 -4.83	39.39 2.75 0.00	39.99 2.86 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.60 2.75 -10.64	51.71 3.28 -15.27	49.95 3.25 -13.19	45.62 2.88 -11.47	41.91 2.99 -4.14	40.27 2.73 -5.09	38.67 2.70 0.00	36.72 2.59 0.00	33.20 2.32 0.00
NEG NORTH_FLCN_SEA 23793	30.93 0.12 0.00	28.04 0.11 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.24 0.34 0.00	26.24 0.21 0.00	29.10 0.35 0.00	33.27 0.52 0.00	35.15 0.66 0.00	35.38 -0.14 0.00	36.39 -0.26 0.00	36.80 -0.33 0.00	37.01 -1.11 0.00	37.33 -1.35 0.00	38.23 -1.26 0.00	28.40 -0.82 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.34 -0.94 0.00	33.98 -0.80 0.00	32.30 -0.16 0.00	35.97 0.00 0.00	34.16 0.03 0.00	30.85 -0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	30.68 -0.12 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	26.01 0.13 0.00	26.06 0.16 0.00	26.04 0.00 0.00	28.87 0.12 0.00	32.97 0.23 0.00	34.84 0.34 0.00	35.30 -0.21 0.00	36.31 -0.33 0.00	36.72 -0.41 0.00	37.20 -0.91 0.00	37.56 -1.12 0.00	38.42 -1.07 0.00	28.34 -0.88 0.00	32.13 -1.03 0.00	32.50 -1.01 0.00	30.31 -0.97 0.00	33.91 -0.87 0.00	32.00 -0.45 0.00	35.68 -0.29 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00



NEG NORTH___ALICE_FALLS 23915	30.86 0.06 0.00	27.98 0.06 0.00	26.17 0.16 0.00	26.14 0.26 0.00	26.19 0.28 0.00	26.19 0.16 0.00	29.05 0.29 0.00	33.20 0.46 0.00	35.11 0.62 0.00	35.45 -0.07 0.00	36.46 -0.18 0.00	36.83 -0.30 0.00	37.20 -0.91 0.00	37.48 -1.20 0.00	38.38 -1.11 0.00	28.43 -0.79 0.00	32.26 -0.90 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	34.08 -0.70 0.00	32.30 -0.16 0.00	35.94 -0.04 0.00	34.09 -0.03 0.00	30.82 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	30.86 0.06 0.00	27.98 0.06 0.00	26.17 0.16 0.00	26.14 0.26 0.00	26.19 0.28 0.00	26.19 0.16 0.00	29.05 0.29 0.00	33.20 0.46 0.00	35.11 0.62 0.00	35.45 -0.07 0.00	36.46 -0.18 0.00	36.83 -0.30 0.00	37.20 -0.91 0.00	37.48 -1.20 0.00	38.38 -1.11 0.00	28.43 -0.79 0.00	32.26 -0.90 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	34.08 -0.70 0.00	32.30 -0.16 0.00	35.94 -0.04 0.00	34.09 -0.03 0.00	30.82 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	30.90 0.09 0.00	27.98 0.06 0.00	26.17 0.16 0.00	26.14 0.26 0.00	26.19 0.29 0.00	26.19 0.16 0.00	29.05 0.29 0.00	33.20 0.46 0.00	35.11 0.62 0.00	35.48 -0.04 0.00	36.46 -0.18 0.00	36.46 -0.67 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.39 -1.11 0.00	28.43 -0.79 0.00	32.27 -0.89 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	34.08 -0.70 0.00	32.30 -0.16 0.00	35.94 -0.04 0.00	34.09 -0.03 0.00	30.82 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	30.09 -0.71 0.00	27.28 -0.64 0.00	25.36 -0.86 -0.20	24.49 -1.48 -0.08	24.63 -1.32 -0.04	25.68 -0.57 -0.22	27.82 -1.32 -0.39	31.33 -1.67 -0.25	32.74 -2.07 -0.32	34.13 -2.06 -0.68	35.37 -1.25 0.03	35.78 -1.23 0.13	36.69 -1.18 0.25	36.13 -1.47 1.08	36.82 -1.66 1.02	30.10 -0.67 -1.56	34.54 -0.90 -2.27	34.66 -0.80 -1.96	32.64 -0.34 -1.71	35.19 -0.21 -0.62	33.02 -0.19 -0.76	35.47 -0.50 0.00	33.27 -0.82 0.03	30.76 -0.12 0.00
NEG WEST___LANCASTR 23811	30.50 -0.31 0.00	27.59 -0.34 0.00	25.73 -0.52 -0.24	24.92 -1.06 -0.10	25.08 -0.88 -0.05	26.09 -0.21 -0.26	28.25 -0.98 -0.47	31.06 -2.00 -0.32	33.57 -1.31 -0.39	34.11 -2.24 -0.83	35.37 -1.25 0.03	35.54 -1.49 0.11	36.26 -1.64 0.21	36.04 -1.70 0.94	36.67 -1.94 0.88	31.27 0.18 -1.88	35.94 0.07 -2.72	36.02 0.17 -2.35	33.79 0.47 -2.04	36.04 0.52 -0.74	33.79 0.42 -0.91	36.15 0.18 0.00	33.89 -0.20 0.03	31.22 0.34 0.00
NEG_PENN_ALLEGHNY 23528	31.17 0.37 0.00	28.29 0.36 0.00	26.75 0.26 -0.48	26.15 0.08 -0.20	26.14 0.13 -0.10	26.92 0.36 -0.52	29.89 0.23 -0.90	33.70 0.29 -0.66	35.55 0.24 -0.81	37.40 0.21 -1.67	37.11 0.48 0.01	37.62 0.52 0.03	38.51 0.46 0.06	38.90 0.50 0.28	39.71 0.48 0.26	33.64 0.73 -3.69	39.12 0.66 -5.30	38.86 0.77 -4.58	36.13 0.87 -3.98	37.12 0.90 -1.44	35.07 0.84 -1.77	36.69 0.72 0.00	34.59 0.48 0.01	31.50 0.62 0.00
NEG___GEN_MONROE 24207	30.62 -0.18 0.00	27.76 -0.17 0.00	25.81 -0.36 -0.16	25.17 -0.78 -0.07	25.24 -0.70 -0.03	26.11 -0.10 -0.18	28.58 -0.49 -0.31	32.41 -0.52 -0.19	33.80 -0.93 -0.24	35.32 -0.71 -0.52	36.50 -0.11 0.03	36.95 -0.04 0.14	37.80 -0.04 0.27	37.32 -0.15 1.20	37.97 -0.39 1.13	30.43 0.00 -1.21	34.80 -0.17 -1.80	34.93 -0.13 -1.56	32.79 0.16 -1.35	35.55 0.28 -0.49	33.32 0.26 -0.60	36.19 0.22 0.00	34.05 -0.03 0.04	31.22 0.34 0.00
NEPA___ENERGY 23901	30.74 -0.06 0.00	27.81 -0.11 0.00	26.00 -0.26 -0.25	25.18 -0.80 -0.10	25.33 -0.62 -0.05	26.33 0.03 -0.27	28.65 -0.58 -0.47	32.05 -1.02 -0.32	33.96 -0.93 -0.40	35.11 -1.24 -0.83	36.21 -0.40 0.03	36.61 -0.41 0.11	37.48 -0.42 0.21	37.28 -0.46 0.94	37.98 -0.63 0.88	31.55 0.44 -1.90	36.26 0.36 -2.74	36.34 0.47 -2.37	34.09 0.75 -2.06	36.29 0.77 -0.74	34.05 0.68 -0.91	36.47 0.50 0.00	34.20 0.10 0.03	31.44 0.56 0.00
NEVERSink___HYD 23608	32.25 1.45 0.00	29.24 1.31 0.00	28.48 1.22 -1.24	27.55 1.17 -0.51	27.31 1.14 -0.26	28.55 1.17 -1.34	32.58 1.47 -2.35	36.12 1.64 -1.74	38.37 1.76 -2.12	41.67 1.81 -4.35	38.47 1.83 0.00	39.06 1.93 0.00	40.13 2.02 0.00	40.88 2.20 0.00	41.74 2.25 0.00	40.69 1.90 -9.58	49.19 2.29 -13.75	47.69 2.31 -11.88	43.73 2.13 -10.33	40.70 2.19 -3.73	39.02 1.98 -4.58	37.80 1.83 0.00	35.90 1.77 0.00	32.45 1.57 0.00
NEWKRMKL_115KV_TB1 55635	32.07 1.26 0.00	29.29 1.37 0.00	30.40 1.27 -3.11	28.39 1.24 -1.27	27.81 1.24 -0.66	30.69 1.30 -3.35	35.70 1.21 -5.73	38.45 1.34 -4.36	41.18 1.38 -5.31	47.82 1.42 -10.88	38.07 1.43 0.00	38.58 1.45 0.00	39.68 1.56 0.00	40.15 1.47 0.00	41.11 1.62 0.00	54.45 1.26 -23.98	69.00 1.43 -34.41	64.65 1.41 -29.74	58.41 1.28 -25.85	45.51 1.39 -9.34	45.19 1.27 -11.47	37.34 1.37 0.00	35.46 1.33 0.00	32.15 1.27 0.00
NEWTON___FALLS_HYD 23847	30.59 -0.22 0.00	27.73 -0.20 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.77 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.02 -0.50 0.00	36.09 -0.55 0.00	36.61 -0.52 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.35 -1.15 0.00	28.13 -1.08 0.00	31.97 -1.19 0.00	32.43 -1.07 0.00	30.37 -0.91 0.00	33.95 -0.83 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
NGRID_A1_DSASP 323792	29.54 -1.26 0.00	26.86 -1.06 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.22	27.31 -1.84 -0.40	30.68 -2.32 -0.26	32.03 -2.79 -0.33	33.52 -2.70 -0.70	34.63 -1.98 0.03	35.11 -1.89 0.13	35.85 -2.02 0.24	35.12 -2.48 1.08	36.11 -2.37 1.01	29.41 -1.40 -1.59	33.84 -1.62 -2.30	33.92 -1.57 -1.99	31.91 -1.10 -1.73	34.36 -1.04 -0.62	32.28 -0.94 -0.77	34.60 -1.37 0.00	32.69 -1.40 0.03	30.20 -0.68 0.00
NGRID_A2_DSASP 323793	29.54 -1.26 0.00	26.86 -1.06 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.22	27.31 -1.84 -0.40	30.68 -2.32 -0.26	32.03 -2.79 -0.33	33.52 -2.70 -0.70	34.63 -1.98 0.03	35.11 -1.89 0.13	35.85 -2.02 0.24	35.12 -2.48 1.08	36.11 -2.37 1.01	29.41 -1.40 -1.59	33.84 -1.62 -2.30	33.92 -1.57 -1.99	31.91 -1.10 -1.73	34.36 -1.04 -0.62	32.28 -0.94 -0.77	34.60 -1.37 0.00	32.69 -1.40 0.03	30.20 -0.68 0.00
NGRID_A4_DSASP 323807	29.69 -1.11 0.00	26.70 -1.23 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.23	27.29 -1.87 -0.40	30.75 -2.26 -0.26	32.06 -2.76 -0.33	33.48 -2.73 -0.69	34.67 -1.94 0.03	35.08 -1.93 0.13	35.96 -1.91 0.24	35.40 -2.20 1.08	36.07 -2.41 1.01	29.50 -1.31 -1.60	33.86 -1.62 -2.32	33.94 -1.57 -2.01	31.96 -1.06 -1.75	34.44 -0.97 -0.63	32.36 -0.88 -0.77	34.71 -1.26 0.00	32.59 -1.50 0.03	30.20 -0.68 0.00
NIAGARA_115E_LBMP 323715	29.42 -1.39 0.00	26.75 -1.17 0.00	24.92 -1.30 -0.21	24.08 -1.89 -0.09	24.19 -1.76 -0.04	25.24 -1.02 -0.22	27.37 -1.78 -0.40	30.78 -2.23 -0.26	32.10 -2.73 -0.33	33.55 -2.66 -0.70	34.71 -1.91 0.03	35.19 -1.82 0.12	35.89 -1.98 0.24	35.17 -2.44 1.07	36.07 -2.41 1.01	29.51 -1.31 -1.61	33.91 -1.56 -2.31	33.99 -1.51 -1.99	32.01 -1.00 -1.73	34.47 -0.94 -0.63	32.38 -0.84 -0.77	34.75 -1.22 0.00	32.73 -1.37 0.03	30.23 -0.65 0.00

NIAGARA_115W_LBMP 323714	29.48 -1.32 0.00	26.81 -1.12 0.00	25.02 -1.20 -0.21	24.15 -1.81 -0.08	24.27 -1.68 -0.04	25.35 -0.91 -0.22	27.25 -1.90 -0.39	30.62 -2.39 -0.26	31.92 -2.90 -0.33	33.41 -2.81 -0.70	34.53 -2.09 0.03	35.04 -1.97 0.13	35.73 -2.13 0.25	35.01 -2.59 1.08	35.99 -2.49 1.02	29.35 -1.46 -1.59	33.73 -1.73 -2.30	33.81 -1.67 -1.98	31.81 -1.19 -1.72	34.26 -1.15 -0.62	32.18 -1.04 -0.77	34.53 -1.44 0.00	32.59 -1.50 0.03	30.14 -0.74 0.00
NIAGARA_230_LBMP 323716	29.72 -1.08 0.00	27.03 -0.89 0.00	25.17 -1.04 -0.20	24.33 -1.63 -0.08	24.44 -1.50 -0.04	25.50 -0.76 -0.22	27.65 -1.50 -0.39	31.07 -1.93 -0.26	32.43 -2.38 -0.32	33.89 -2.31 -0.68	35.08 -1.54 0.03	35.56 -1.45 0.13	36.26 -1.60 0.25	35.53 -2.05 1.10	36.53 -1.93 1.03	29.79 -0.99 -1.57	34.22 -1.19 -2.25	34.31 -1.14 -1.95	32.28 -0.69 -1.69	34.73 -0.66 -0.61	32.63 -0.58 -0.75	35.00 -0.97 0.00	33.07 -1.02 0.03	30.51 -0.37 0.00
NIAGARA__115KV_198_GIBSON 55903	29.63 -1.17 0.00	26.61 -1.31 0.00	25.02 -1.20 -0.21	24.15 -1.81 -0.08	24.26 -1.68 -0.04	25.35 -0.91 -0.23	27.23 -1.93 -0.40	30.65 -2.36 -0.26	31.96 -2.86 -0.33	33.40 -2.81 -0.69	34.56 -2.05 0.03	34.96 -2.04 0.13	35.85 -2.02 0.24	35.28 -2.32 1.08	35.99 -2.49 1.01	29.41 -1.40 -1.59	33.75 -1.72 -2.32	33.83 -1.68 -2.00	31.86 -1.16 -1.74	34.33 -1.08 -0.63	32.26 -0.97 -0.77	34.60 -1.37 0.00	32.52 -1.57 0.03	30.14 -0.74 0.00
NIAGARA____ 23760	29.45 -1.35 0.00	26.78 -1.15 0.00	24.97 -1.25 -0.21	24.10 -1.86 -0.08	24.21 -1.74 -0.04	25.30 -0.96 -0.22	27.31 -1.84 -0.39	30.81 -2.19 -0.26	32.16 -2.66 -0.33	33.62 -2.59 -0.69	34.78 -1.83 0.03	35.26 -1.74 0.13	36.00 -1.87 0.25	35.31 -2.28 1.08	36.26 -2.21 1.02	29.55 -1.26 -1.59	33.95 -1.49 -2.28	34.07 -1.41 -1.97	32.02 -0.97 -1.72	34.50 -0.90 -0.62	32.41 -0.81 -0.76	34.75 -1.22 0.00	32.76 -1.33 0.03	30.17 -0.71 0.00
NINE_MILE_1 23575	29.82 -0.99 0.00	27.06 -0.87 0.00	25.15 -0.86 0.00	24.95 -0.93 0.00	25.00 -0.91 0.00	25.20 -0.83 0.00	27.82 -0.95 -0.01	31.41 -1.11 0.22	33.12 -1.17 0.20	34.12 -1.17 0.22	35.28 -1.14 0.22	35.03 -1.15 0.95	35.08 -1.18 1.85	29.33 -1.20 8.15	30.57 -1.27 7.65	28.37 -0.85 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.84 -0.94 0.00	31.58 -0.87 0.00	34.93 -1.04 0.00	32.81 -1.06 0.25	29.96 -0.93 0.00
NINE_MILE_2 23744	29.82 -0.99 0.00	27.06 -0.87 0.00	25.15 -0.86 0.00	24.95 -0.93 0.00	25.00 -0.91 0.00	25.20 -0.83 0.00	27.82 -0.95 -0.01	31.41 -1.11 0.23	33.12 -1.17 0.20	34.12 -1.17 0.23	35.28 -1.14 0.23	35.02 -1.15 0.96	35.06 -1.18 1.87	29.22 -1.20 8.26	30.47 -1.27 7.75	28.37 -0.85 0.00	32.20 -0.96 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.84 -0.94 0.00	31.58 -0.87 0.00	34.93 -1.04 0.00	32.81 -1.06 0.26	29.96 -0.93 0.00
NM_CAPITAL____DRP 24208	32.16 1.36 0.00	29.35 1.42 0.00	30.42 1.33 -3.08	28.43 1.29 -1.26	27.85 1.30 -0.65	30.68 1.33 -3.32	35.76 1.32 -5.68	38.50 1.44 -4.31	41.26 1.52 -5.25	47.82 1.53 -10.77	38.22 1.58 0.00	38.69 1.56 0.00	39.79 1.68 0.00	40.27 1.59 0.00	41.23 1.74 0.00	54.32 1.37 -23.73	68.77 1.56 -34.05	64.44 1.51 -29.43	58.24 1.38 -25.58	45.55 1.53 -9.24	45.20 1.40 -11.35	37.45 1.47 0.00	35.56 1.43 0.00	32.24 1.36 0.00
NM_CENTRAL____DRP 24181	30.46 -0.34 0.00	27.59 -0.34 0.00	25.65 -0.36 0.00	25.39 -0.49 0.00	25.46 -0.44 0.00	25.72 -0.31 0.00	28.37 -0.40 -0.02	32.31 -0.43 0.01	34.03 -0.45 0.01	35.08 -0.43 0.01	36.26 -0.37 0.01	36.71 -0.37 0.05	37.71 -0.30 0.09	37.95 -0.31 0.42	38.66 -0.43 0.39	29.04 -0.18 0.00	32.96 -0.20 0.00	33.34 -0.17 0.00	31.15 -0.13 0.00	34.68 -0.10 0.00	32.33 -0.13 0.00	35.72 -0.25 0.00	33.74 -0.38 0.01	30.57 -0.31 0.00
NM_FRONTIER____DRP 24179	29.63 -1.17 0.00	26.61 -1.31 0.00	25.02 -1.20 -0.21	24.15 -1.81 -0.08	24.26 -1.68 -0.04	25.35 -0.91 -0.23	27.23 -1.93 -0.40	30.65 -2.36 -0.26	31.96 -2.86 -0.33	33.40 -2.81 -0.69	34.56 -2.05 0.03	34.96 -2.04 0.13	35.85 -2.02 0.24	35.28 -2.32 1.08	35.99 -2.49 1.01	29.41 -1.40 -1.59	33.75 -1.72 -2.32	33.83 -1.68 -2.00	31.86 -1.16 -1.74	34.33 -1.08 -0.63	32.26 -0.97 -0.77	34.60 -1.37 0.00	32.52 -1.57 0.03	30.14 -0.74 0.00
NM_ST_REGIS____HYD 24053	30.65 -0.15 0.00	27.81 -0.11 0.00	25.96 -0.05 0.00	25.98 0.10 0.00	25.98 0.08 0.00	25.91 -0.13 0.00	28.70 -0.06 0.00	32.71 -0.03 0.00	34.53 0.03 0.00	35.30 -0.21 0.00	36.39 -0.26 0.00	36.80 -0.33 0.00	37.58 -0.53 0.00	37.79 -0.89 0.00	38.31 -1.18 0.00	28.05 -1.17 0.00	31.80 -1.36 0.00	32.23 -1.27 0.00	30.06 -1.22 0.00	33.67 -1.11 0.00	31.52 -0.94 0.00	35.47 -0.50 0.00	33.95 -0.17 0.00	30.60 -0.28 0.00
NORTHPORT____1 23551	50.59 2.83 -16.96	40.21 2.57 -9.72	33.41 2.42 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.29 2.37 -9.89	36.83 2.73 -5.34	46.02 3.21 -10.07	46.76 3.52 -8.75	44.13 3.52 -5.09	45.20 3.33 -5.22	47.88 3.41 -7.33	50.60 3.55 -8.95	56.87 3.75 -14.44	66.04 3.99 -22.56	65.07 3.18 -32.67	70.41 3.71 -33.53	83.62 3.65 -46.46	71.06 3.28 -36.50	55.92 3.44 -17.70	55.26 3.21 -19.59	49.38 3.17 -10.25	45.27 3.14 -8.01	42.30 2.99 -8.42
NORTHPORT____2 23552	50.59 2.83 -16.96	40.21 2.57 -9.72	33.41 2.42 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.29 2.37 -9.89	36.83 2.73 -5.34	46.02 3.21 -10.07	46.76 3.52 -8.75	44.13 3.52 -5.09	45.20 3.33 -5.22	47.88 3.41 -7.33	50.60 3.55 -8.95	56.87 3.75 -14.44	66.04 3.99 -22.56	65.07 3.18 -32.67	70.41 3.71 -33.53	83.62 3.65 -46.46	71.06 3.28 -36.50	55.92 3.44 -17.70	55.26 3.21 -19.59	49.38 3.17 -10.25	45.27 3.14 -8.01	42.30 2.99 -8.42
NORTHPORT____3 23553	50.69 2.93 -16.96	40.30 2.65 -9.72	33.48 2.50 -4.98	31.48 2.41 -3.20	29.69 2.38 -1.41	38.37 2.45 -9.89	36.92 2.82 -5.34	46.09 3.27 -10.07	46.70 3.45 -8.76	44.06 3.44 -5.10	45.32 3.44 -5.23	48.04 3.57 -7.34	50.76 3.70 -8.95	57.03 3.90 -14.45	66.20 4.15 -22.57	65.14 3.24 -32.68	70.45 3.75 -33.54	83.66 3.69 -46.47	71.13 3.35 -36.50	56.04 3.55 -17.71	55.37 3.31 -19.60	49.53 3.31 -10.26	45.49 3.35 -8.02	42.40 3.09 -8.43
NORTHPORT____4 23650	50.69 2.93 -16.96	40.30 2.65 -9.72	33.48 2.50 -4.98	31.48 2.41 -3.20	29.69 2.38 -1.41	38.37 2.45 -9.89	36.92 2.82 -5.34	46.09 3.27 -10.07	46.70 3.45 -8.76	44.06 3.44 -5.10	45.32 3.44 -5.23	48.04 3.57 -7.34	50.76 3.70 -8.95	57.03 3.90 -14.45	66.20 4.15 -22.57	65.14 3.24 -32.68	70.45 3.75 -33.54	83.66 3.69 -46.47	71.13 3.35 -36.50	56.04 3.55 -17.71	55.37 3.31 -19.60	49.53 3.31 -10.26	45.49 3.35 -8.02	42.40 3.09 -8.43
NORTHPORT____IC 23718	50.59 2.83 -16.96	40.21 2.57 -9.72	33.41 2.42 -4.98	31.38 2.30 -3.20	29.62 2.30 -1.41	38.29 2.37 -9.89	36.83 2.73 -5.34	46.02 3.21 -10.07	46.76 3.52 -8.75	44.13 3.52 -5.09	45.20 3.33 -5.22	47.88 3.41 -7.33	50.60 3.55 -8.95	56.87 3.75 -14.44	66.04 3.99 -22.56	65.07 3.18 -32.67	70.41 3.71 -33.53	83.62 3.65 -46.46	71.06 3.28 -36.50	55.92 3.44 -17.70	55.26 3.21 -19.59	49.38 3.17 -10.25	45.27 3.14 -8.01	42.30 2.99 -8.42

NORTH__COUNTRY_ESR 323785	30.62 -0.18 0.00	27.76 -0.17 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.98 0.08 0.00	25.96 -0.08 0.00	28.79 0.03 0.00	32.91 0.16 0.00	34.77 0.27 0.00	35.31 -0.21 0.00	36.28 -0.37 0.00	36.43 -0.71 0.00	37.20 -0.92 0.00	37.52 -1.16 0.00	38.34 -1.15 0.00	28.28 -0.94 0.00	32.10 -1.06 0.00	32.40 -1.10 0.00	30.25 -1.03 0.00	33.81 -0.97 0.00	31.91 -0.55 0.00	35.58 -0.39 0.00	33.78 -0.34 0.00	30.54 -0.34 0.00
NPX_GEN_1385_PROXY 323591	50.65 2.89 -16.96	40.27 2.62 -9.72	33.46 2.47 -4.98	31.43 2.35 -3.20	29.67 2.36 -1.41	38.34 2.42 -9.89	36.89 2.79 -5.34	46.08 3.27 -10.07	46.83 3.59 -8.75	44.13 3.52 -5.09	45.20 3.33 -5.22	47.88 3.41 -7.33	50.60 3.55 -8.95	56.87 3.75 -14.44	66.12 4.07 -22.56	65.13 3.24 -32.67	70.47 3.78 -33.53	83.65 3.69 -46.46	71.12 3.35 -36.50	55.99 3.51 -17.70	55.32 3.28 -19.59	49.46 3.24 -10.25	45.34 3.21 -8.01	42.36 3.06 -8.42
NPX_GEN_CSC 323557	51.39 3.63 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	32.03 2.95 -3.20	30.26 2.95 -1.41	38.94 3.02 -9.89	37.58 3.48 -5.34	46.84 4.03 -10.07	47.72 4.48 -8.75	45.01 4.40 -5.09	46.33 4.47 -5.22	49.07 4.60 -7.33	51.75 4.69 -8.95	58.03 4.91 -14.44	67.35 5.29 -22.56	65.96 4.06 -32.68	87.24 4.74 -49.34	84.60 4.63 -46.47	89.32 4.25 -53.79	71.37 4.73 -31.86	56.40 4.35 -19.59	50.64 4.42 -10.25	48.80 4.30 -10.37	43.26 3.95 -8.42
NSINS_S_GLNS_FALLS 23858	32.99 2.19 0.00	29.85 1.93 0.00	32.03 1.79 -4.23	29.31 1.71 -1.72	28.56 1.76 -0.89	32.46 1.87 -4.55	38.60 2.13 -7.71	41.08 2.42 -5.92	44.32 2.62 -7.20	52.99 2.70 -14.77	39.03 2.38 0.00	39.55 2.41 0.00	40.63 2.52 0.00	40.92 2.24 0.00	42.06 2.57 0.00	63.75 1.99 -32.55	82.09 2.22 -46.71	76.11 2.24 -40.36	68.65 2.28 -35.09	50.06 2.61 -12.68	50.68 2.66 -15.56	38.71 2.73 0.00	36.58 2.46 0.00	33.04 2.16 0.00
NUCOR_STEEL__DRP 24197	31.02 0.22 0.00	28.09 0.17 0.00	26.25 0.08 -0.16	25.89 -0.05 -0.07	25.94 0.00 -0.03	26.37 0.16 -0.17	29.15 0.09 -0.31	33.17 0.20 -0.23	34.94 0.17 -0.28	36.26 0.18 -0.57	36.97 0.33 0.00	37.47 0.33 0.00	38.46 0.34 0.00	39.07 0.39 0.00	39.73 0.24 0.00	30.88 0.41 -1.26	35.32 0.36 -1.79	35.49 0.44 -1.55	33.12 0.50 -1.35	35.86 0.59 -0.49	33.58 0.52 -0.60	36.44 0.47 0.00	34.40 0.27 0.00	31.19 0.31 0.00
NUMBER_THREE_WT_PWR 323818	30.83 0.03 0.00	27.95 0.03 0.00	25.98 -0.03 0.00	25.85 -0.03 0.00	25.88 -0.03 0.00	25.91 -0.13 0.00	28.68 -0.09 -0.01	32.71 -0.03 0.00	34.39 -0.10 0.00	35.41 -0.11 0.00	36.50 -0.15 0.00	37.02 -0.11 0.00	38.04 -0.08 0.00	38.45 -0.23 0.00	38.98 -0.51 0.00	28.75 -0.47 0.00	32.73 -0.43 0.00	33.20 -0.30 0.00	31.12 -0.16 0.00	34.78 0.00 0.00	32.43 -0.03 0.00	36.01 0.04 0.00	34.16 0.03 0.00	30.82 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	30.80 0.00 0.00	27.93 0.00 0.00	26.01 0.00 0.00	25.88 0.00 0.00	25.90 0.00 0.00	26.04 0.00 0.00	28.76 0.00 0.00	32.74 0.00 0.00	34.49 0.00 0.00	35.52 0.00 0.00	36.64 0.00 0.00	37.13 0.00 0.00	38.11 0.00 0.00	38.68 0.00 0.00	39.49 0.00 0.00	29.22 0.00 0.00	33.16 0.00 0.00	33.51 0.00 0.00	31.28 0.00 0.00	34.78 0.00 0.00	32.46 0.00 0.00	35.97 0.00 0.00	34.12 0.00 0.00	30.88 0.00 0.00
NYPA_BRENTWD__GT 24164	51.09 3.33 -16.96	40.63 2.99 -9.72	33.77 2.78 -4.98	31.74 2.67 -3.20	29.98 2.67 -1.41	38.68 2.76 -9.89	37.26 3.16 -5.34	46.51 3.70 -10.07	47.27 4.03 -8.75	44.69 4.08 -5.09	45.90 4.03 -5.22	48.62 4.16 -7.33	51.33 4.27 -8.95	57.60 4.48 -14.44	66.55 4.50 -22.56	65.45 3.56 -32.68	74.00 4.18 -36.66	84.05 4.09 -46.46	74.95 3.75 -39.92	59.25 3.96 -20.50	55.94 3.89 -19.59	50.14 3.92 -10.25	46.42 3.82 -8.48	42.86 3.55 -8.43
NYPA_GOWANUS__GT5 24156	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.22 2.69 -11.25	41.66 2.82 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NYPA_GOWANUS__GT6 24157	32.87 2.06 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.97 2.33 -1.90	39.32 2.52 -2.31	42.88 2.63 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.92 3.43 0.00	42.40 2.75 -10.44	51.45 3.32 -14.98	49.53 3.08 -12.94	45.22 2.69 -11.25	41.66 2.82 -4.07	40.08 2.63 -4.99	38.34 2.37 0.00	36.65 2.53 0.00	33.29 2.41 0.00
NYPA_HARLEM_RVR_GT1 24160	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.76 2.13 -1.89	39.04 2.24 -2.30	42.52 2.28 -4.73	38.98 2.35 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.75 2.30 -4.98	38.01 2.05 0.01	36.48 2.35 0.00	33.26 2.38 0.00
NYPA_HARLEM_RVR_GT2 24161	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.76 2.13 -1.89	39.04 2.24 -2.30	42.52 2.28 -4.73	38.98 2.35 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.75 2.30 -4.98	38.01 2.05 0.01	36.48 2.35 0.00	33.26 2.38 0.00
NYPA_KENT__GT 24152	32.87 2.06 0.00	29.88 1.95 0.00	29.26 1.90 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.24 1.74 -1.46	33.34 2.01 -2.57	36.97 2.33 -1.90	39.29 2.48 -2.31	42.85 2.59 -4.74	39.25 2.60 0.00	39.92 2.79 0.00	41.09 2.97 0.00	41.85 3.17 0.00	42.89 3.40 0.00	42.37 2.72 -10.44	51.39 3.25 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.63 2.78 -4.07	40.01 2.56 -4.99	38.28 2.30 0.00	36.61 2.49 0.00	33.23 2.35 0.00
NYPA_POUCH1__GT 24155	32.78 1.97 0.00	29.96 2.04 0.00	29.37 2.00 -1.36	28.35 1.91 -0.55	28.08 1.89 -0.29	29.24 1.74 -1.46	33.23 1.90 -2.58	36.87 2.23 -1.90	39.26 2.41 -2.35	42.78 2.52 -4.74	39.17 2.53 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.69 3.02 0.00	42.76 3.28 0.00	42.28 2.63 -10.43	51.32 3.18 -14.98	49.43 2.98 -12.94	45.12 2.59 -11.25	41.59 2.75 -4.06	40.02 2.56 -5.00	38.24 2.27 0.00	36.55 2.42 0.00	33.26 2.38 0.00
NYPA_VERNON__GT2 24162	32.84 2.03 0.00	29.83 1.90 0.00	29.21 1.85 -1.36	28.22 1.78 -0.55	27.95 1.76 -0.29	29.21 1.72 -1.46	33.34 2.01 -2.57	36.97 2.33 -1.90	39.25 2.45 -2.31	42.81 2.56 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.35 0.00	42.31 2.66 -10.44	51.35 3.22 -14.98	49.47 3.02 -12.94	45.16 2.63 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.24 2.27 0.00	36.55 2.42 0.00	33.17 2.29 0.00

NYPA_VERNON____GT3 24163	32.84 2.03 0.00	29.83 1.90 0.00	29.21 1.85 -1.36	28.22 1.78 -0.55	27.95 1.76 -0.29	29.21 1.72 -1.46	33.34 2.01 -2.57	36.97 2.33 -1.90	39.25 2.45 -2.31	42.81 2.56 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.81 3.13 0.00	42.85 3.35 0.00	42.31 2.66 -10.44	51.35 3.22 -14.98	49.47 3.02 -12.94	45.16 2.63 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.24 2.27 0.00	36.55 2.42 0.00	33.17 2.29 0.00
NYPA____ASTORIA_CC1 323568	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
NYPA____ASTORIA_CC2 323569	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.18 2.38 -2.31	42.74 2.49 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.29 3.15 -14.98	49.40 2.95 -12.94	45.10 2.57 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.17 2.19 0.00	36.51 2.39 0.00	33.13 2.25 0.00
NYPA____HOLTSVILL 23794	50.96 3.20 -16.96	40.55 2.90 -9.72	33.72 2.73 -4.98	31.69 2.61 -3.20	29.93 2.62 -1.41	38.60 2.68 -9.89	37.18 3.08 -5.34	46.41 3.60 -10.07	47.17 3.93 -8.75	44.52 3.91 -5.09	45.79 3.92 -5.22	48.48 4.01 -7.33	51.10 4.04 -8.95	57.37 4.25 -14.44	66.59 4.54 -22.56	65.49 3.59 -32.68	86.41 4.18 -49.07	84.06 4.09 -46.47	88.52 3.75 -53.49	70.39 4.00 -31.61	55.75 3.70 -19.59	49.99 3.78 -10.25	48.21 3.75 -10.33	42.79 3.49 -8.42
NYPA____HELLGATE_GT1 24158	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.76 2.13 -1.89	39.04 2.24 -2.30	42.52 2.28 -4.73	38.98 2.35 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.75 2.30 -4.98	38.01 2.05 0.01	36.48 2.35 0.00	33.26 2.38 0.00
NYPA____HELLGATE_GT2 24159	32.96 2.16 0.00	29.88 1.95 0.00	29.29 1.92 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.21 1.72 -1.46	33.26 1.93 -2.57	36.76 2.13 -1.89	39.04 2.24 -2.30	42.52 2.28 -4.73	38.98 2.35 0.01	39.61 2.49 0.01	40.77 2.67 0.01	41.53 2.86 0.01	42.56 3.08 0.01	42.13 2.48 -10.43	51.19 3.05 -14.98	49.26 2.81 -12.94	44.97 2.44 -11.25	41.35 2.51 -4.07	39.75 2.30 -4.98	38.01 2.05 0.01	36.48 2.35 0.00	33.26 2.38 0.00
NYS_BARGE____HYD 23848	29.94 -0.86 0.00	27.20 -0.73 0.00	25.33 -0.88 -0.20	24.49 -1.47 -0.08	24.60 -1.35 -0.04	25.66 -0.60 -0.22	27.82 -1.32 -0.38	31.33 -1.67 -0.25	32.70 -2.11 -0.32	34.13 -2.06 -0.68	35.33 -1.28 0.03	35.82 -1.19 0.13	36.53 -1.34 0.25	35.81 -1.78 1.09	36.73 -1.74 1.02	29.98 -0.79 -1.56	34.43 -0.96 -2.23	34.56 -0.87 -1.93	32.55 -0.41 -1.68	35.11 -0.28 -0.61	32.94 -0.26 -0.74	35.36 -0.61 0.00	33.31 -0.78 0.03	30.73 -0.15 0.00
OAK ORCHARD____HYD 24046	30.46 -0.34 0.00	27.65 -0.28 0.00	25.75 -0.42 -0.16	25.14 -0.80 -0.07	25.21 -0.73 -0.03	26.00 -0.21 -0.17	28.55 -0.52 -0.31	32.22 -0.72 -0.19	33.81 -0.93 -0.24	35.27 -0.78 -0.53	36.36 -0.25 0.03	36.77 -0.22 0.14	37.61 -0.23 0.28	37.04 -0.42 1.21	38.00 -0.36 1.14	30.37 -0.09 -1.24	34.91 -0.03 -1.78	35.01 -0.03 -1.54	32.71 0.09 -1.34	35.44 0.17 -0.48	33.21 0.16 -0.59	36.01 0.04 0.00	34.05 -0.03 0.04	30.97 0.09 0.00
OAKDALE____35_KV_LOAD 356122	31.11 0.31 0.00	28.18 0.25 0.00	26.65 0.16 -0.48	26.05 -0.03 -0.20	26.03 0.03 -0.10	26.82 0.26 -0.52	29.81 0.14 -0.91	33.48 0.07 -0.67	35.45 0.14 -0.82	37.28 0.07 -1.69	36.97 0.33 0.01	37.43 0.33 0.03	38.39 0.34 0.06	38.82 0.43 0.28	39.54 0.32 0.27	33.58 0.61 -3.75	39.18 0.66 -5.35	38.84 0.70 -4.63	36.05 0.75 -4.02	37.03 0.80 -1.45	34.96 0.71 -1.78	36.58 0.61 0.00	34.56 0.44 0.01	31.37 0.49 0.00
OCC_CHEM____DRP 24175	29.69 -1.11 0.00	26.70 -1.23 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.23	27.29 -1.87 -0.40	30.75 -2.26 -0.26	32.06 -2.76 -0.33	33.48 -2.73 -0.69	34.67 -1.94 0.03	35.08 -1.93 0.13	35.96 -1.91 0.24	35.40 -2.20 1.08	36.07 -2.41 1.01	29.50 -1.31 -1.60	33.86 -1.62 -2.32	33.94 -1.57 -2.01	31.96 -1.06 -1.75	34.44 -0.97 -0.63	32.36 -0.88 -0.77	34.71 -1.26 0.00	32.59 -1.50 0.03	30.20 -0.68 0.00
OH_GEN_PROXY 24063	29.76 -1.05 0.00	27.06 -0.87 0.00	25.20 -1.01 -0.21	24.38 -1.58 -0.08	24.50 -1.45 -0.04	25.53 -0.73 -0.22	27.71 -1.44 -0.39	31.20 -1.80 -0.26	32.54 -2.28 -0.32	34.04 -2.17 -0.69	35.15 -1.47 0.03	35.67 -1.34 0.13	36.38 -1.49 0.25	35.72 -1.86 1.10	36.72 -1.74 1.04	29.92 -0.88 -1.58	34.37 -1.06 -2.27	34.46 -1.00 -1.96	32.42 -0.56 -1.70	34.84 -0.56 -0.62	32.69 -0.52 -0.76	35.11 -0.86 0.00	33.14 -0.96 0.03	30.54 -0.34 0.00
OLIN_CORP_DRP 24177	29.63 -1.17 0.00	26.95 -0.98 0.00	24.97 -1.25 -0.21	24.13 -1.84 -0.09	24.24 -1.71 -0.04	25.30 -0.96 -0.23	27.43 -1.73 -0.40	30.85 -2.16 -0.26	32.24 -2.59 -0.33	33.63 -2.59 -0.70	34.82 -1.80 0.03	35.23 -1.78 0.12	36.08 -1.79 0.24	35.53 -2.09 1.06	36.24 -2.25 1.00	29.69 -1.14 -1.61	34.08 -1.43 -2.35	34.16 -1.37 -2.03	32.16 -0.88 -1.76	34.65 -0.77 -0.64	32.53 -0.71 -0.78	34.89 -1.08 0.00	32.76 -1.33 0.03	30.29 -0.59 0.00
OLIN_CORP_DSASP 323712	29.54 -1.26 0.00	26.86 -1.06 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.22	27.31 -1.84 -0.40	30.68 -2.32 -0.26	32.03 -2.79 -0.33	33.52 -2.70 -0.70	34.63 -1.98 0.03	35.11 -1.89 0.13	35.85 -2.02 0.24	35.12 -2.48 1.08	36.11 -2.37 1.01	29.41 -1.40 -1.59	33.84 -1.62 -2.30	33.92 -1.57 -1.99	31.91 -1.10 -1.73	34.36 -1.04 -0.62	32.28 -0.94 -0.77	34.60 -1.37 0.00	32.69 -1.40 0.03	30.20 -0.68 0.00
ONEIDA_HERK_LFGE 323681	31.29 0.49 0.00	28.37 0.45 0.00	26.35 0.34 0.00	26.21 0.34 0.00	26.24 0.34 0.00	26.32 0.29 0.00	29.17 0.40 -0.01	33.33 0.59 0.00	35.08 0.59 0.00	36.30 0.78 0.00	37.45 0.81 0.00	37.95 0.82 0.00	38.99 0.88 0.00	39.53 0.85 0.00	40.04 0.55 0.00	29.65 0.44 0.00	33.69 0.53 0.00	34.14 0.64 0.00	31.93 0.66 0.00	35.54 0.76 0.00	33.14 0.68 0.00	36.65 0.68 0.00	34.64 0.51 0.00	31.28 0.40 0.00
ONEIDA____115KV_TB4 55905	31.51 0.71 0.00	28.54 0.61 0.00	26.53 0.52 0.00	26.32 0.44 0.00	26.37 0.47 0.00	26.53 0.49 0.00	29.34 0.58 -0.01	33.56 0.82 0.01	35.35 0.86 0.01	36.51 0.99 0.01	37.74 1.10 0.01	38.22 1.11 0.03	39.24 1.18 0.05	39.69 1.24 0.22	40.23 0.95 0.21	30.06 0.85 0.00	34.12 0.96 0.00	34.58 1.07 0.00	32.34 1.06 0.00	35.96 1.18 0.00	33.56 1.10 0.00	37.01 1.04 0.00	34.90 0.78 0.01	31.53 0.65 0.00

ONONDAGA_REF_OCCRA 23987	30.62 -0.18 0.00	27.73 -0.20 0.00	25.89 -0.26 -0.14	25.57 -0.36 -0.06	25.60 -0.34 -0.03	25.98 -0.21 -0.15	28.77 -0.26 -0.27	32.67 -0.26 -0.18	34.44 -0.28 -0.23	35.74 -0.25 -0.47	36.45 -0.18 0.01	36.91 -0.19 0.04	37.93 -0.11 0.07	38.27 -0.12 0.30	38.98 -0.24 0.28	30.28 0.00 -1.07	34.68 -0.03 -1.55	34.85 0.00 -1.34	32.50 0.06 -1.17	35.27 0.07 -0.42	33.04 0.06 -0.52	35.90 -0.07 0.00	33.91 -0.20 0.01	30.73 -0.15 0.00
ONONDAGA___COGEN 23986	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.15 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
ONTARIO___LFGE 23819	30.86 0.06 0.00	27.98 0.06 0.00	26.13 -0.08 -0.20	25.60 -0.36 -0.08	25.69 -0.26 -0.04	26.35 0.10 -0.21	29.07 -0.06 -0.37	33.67 0.65 -0.27	35.27 0.45 -0.33	36.59 0.39 -0.68	37.33 0.69 0.01	37.81 0.70 0.02	38.60 0.53 0.05	38.98 0.50 0.20	39.66 0.35 0.19	31.69 0.96 -1.51	35.53 0.20 -2.17	35.68 0.30 -1.87	33.53 0.63 -1.63	35.92 0.55 -0.59	33.86 0.68 -0.72	36.51 0.54 0.00	34.34 0.24 0.02	31.22 0.34 0.00
ORANGEVILLE_WT_PWR 323706	30.46 -0.34 0.00	27.65 -0.28 0.00	25.82 -0.44 -0.26	25.05 -0.93 -0.10	25.16 -0.80 -0.05	26.16 -0.16 -0.28	28.47 -0.78 -0.49	32.13 -0.95 -0.34	33.63 -1.28 -0.42	34.97 -1.42 -0.87	35.89 -0.73 0.02	36.40 -0.63 0.10	37.08 -0.84 0.20	36.68 -1.12 0.87	37.61 -1.06 0.82	31.07 -0.12 -1.97	35.53 -0.46 -2.83	35.72 -0.23 -2.45	33.66 0.25 -2.13	35.86 0.31 -0.77	33.69 0.29 -0.94	36.04 0.07 0.00	33.76 -0.34 0.03	31.16 0.28 0.00
ORANGEVILLE___ESR 323794	30.46 -0.34 0.00	27.65 -0.28 0.00	25.82 -0.44 -0.26	25.05 -0.93 -0.10	25.16 -0.80 -0.05	26.16 -0.16 -0.28	28.47 -0.78 -0.49	32.13 -0.95 -0.34	33.63 -1.28 -0.42	34.97 -1.42 -0.87	35.89 -0.73 0.02	36.40 -0.63 0.10	37.08 -0.84 0.20	36.68 -1.12 0.87	37.61 -1.06 0.82	31.07 -0.12 -1.97	35.53 -0.46 -2.83	35.72 -0.23 -2.45	33.66 0.25 -2.13	35.86 0.31 -0.77	33.69 0.29 -0.94	36.04 0.07 0.00	33.76 -0.34 0.03	31.16 0.28 0.00
OSWEGATCHIE___HYD 24044	30.59 -0.21 0.00	27.73 -0.19 0.00	25.83 -0.18 0.00	25.78 -0.10 0.00	25.78 -0.13 0.00	25.72 -0.31 0.00	28.50 -0.26 0.00	32.48 -0.26 0.00	34.18 -0.31 0.00	35.09 -0.42 0.00	36.09 -0.55 0.00	36.58 -0.56 0.00	37.50 -0.61 0.00	37.83 -0.85 0.00	38.34 -1.15 0.00	28.14 -1.08 0.00	32.00 -1.16 0.00	32.47 -1.04 0.00	30.37 -0.91 0.00	33.94 -0.84 0.00	31.71 -0.75 0.00	35.50 -0.47 0.00	33.85 -0.27 0.00	30.54 -0.34 0.00
OSWEGO___5 23606	30.06 -0.74 0.00	27.28 -0.64 0.00	25.36 -0.65 0.00	25.13 -0.75 0.00	25.18 -0.73 0.00	25.41 -0.63 0.00	28.05 -0.72 -0.01	31.98 -0.85 -0.09	33.64 -0.93 -0.08	34.68 -0.92 -0.09	35.89 -0.84 -0.09	36.66 -0.85 -0.38	37.98 -0.88 -0.74	41.06 -0.89 -3.27	41.61 -0.95 -3.07	28.63 -0.58 0.00	32.50 -0.66 0.00	32.84 -0.67 0.00	30.68 -0.60 0.00	34.15 -0.63 0.00	31.88 -0.58 0.00	35.21 -0.76 0.00	33.48 -0.75 -0.10	30.20 -0.68 0.00
OSWEGO___6 23613	30.06 -0.74 0.00	27.28 -0.64 0.00	25.36 -0.65 0.00	25.13 -0.75 0.00	25.18 -0.73 0.00	25.41 -0.63 0.00	28.05 -0.72 -0.01	31.98 -0.85 -0.09	33.64 -0.93 -0.08	34.68 -0.92 -0.09	35.89 -0.84 -0.09	36.66 -0.85 -0.38	37.98 -0.88 -0.74	41.06 -0.89 -3.27	41.61 -0.95 -3.07	28.63 -0.58 0.00	32.50 -0.66 0.00	32.84 -0.67 0.00	30.68 -0.60 0.00	34.15 -0.63 0.00	31.88 -0.58 0.00	35.21 -0.76 0.00	33.48 -0.75 -0.10	30.20 -0.68 0.00
OUTOKUMPU-AB___DRP 24206	30.34 -0.46 0.00	27.40 -0.53 0.00	25.60 -0.62 -0.21	24.70 -1.27 -0.09	24.84 -1.11 -0.04	25.90 -0.36 -0.23	27.99 -1.18 -0.41	31.47 -1.54 -0.27	33.00 -1.83 -0.33	34.35 -1.88 -0.71	35.59 -1.03 0.03	36.01 -1.00 0.12	36.92 -0.95 0.24	36.43 -1.20 1.05	37.04 -1.46 0.99	30.41 -0.44 -1.63	34.93 -0.60 -2.37	35.02 -0.54 -2.05	32.93 -0.13 -1.78	35.49 0.07 -0.64	33.28 0.03 -0.79	35.76 -0.22 0.00	33.48 -0.61 0.03	30.94 0.06 0.00
OXBOW___ 24026	29.94 -0.86 0.00	27.20 -0.73 0.00	25.39 -0.83 -0.21	24.49 -1.47 -0.09	24.63 -1.32 -0.04	25.69 -0.57 -0.23	27.69 -1.47 -0.40	31.18 -1.83 -0.27	32.55 -2.28 -0.33	34.02 -2.20 -0.71	35.18 -1.43 0.03	35.67 -1.34 0.12	36.42 -1.45 0.24	35.72 -1.89 1.07	36.63 -1.86 1.00	29.92 -0.91 -1.61	34.39 -1.09 -2.33	34.51 -1.00 -2.01	32.46 -0.56 -1.75	34.96 -0.45 -0.63	32.81 -0.42 -0.78	35.21 -0.76 0.00	33.14 -0.96 0.03	30.63 -0.25 0.00
OXY_CHEM_DSASP 323612	29.69 -1.11 0.00	26.70 -1.23 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.23	27.29 -1.87 -0.40	30.75 -2.26 -0.26	32.06 -2.76 -0.33	33.48 -2.73 -0.69	34.67 -1.94 0.03	35.08 -1.93 0.13	35.96 -1.91 0.24	35.40 -2.20 1.08	36.07 -2.41 1.01	29.50 -1.31 -1.60	33.86 -1.62 -2.32	33.94 -1.57 -2.01	31.96 -1.06 -1.75	34.44 -0.97 -0.63	32.36 -0.88 -0.77	34.71 -1.26 0.00	32.59 -1.50 0.03	30.20 -0.68 0.00
OZONE_PARK_ESR 323760	33.08 2.28 0.00	29.94 2.01 0.00	29.32 1.95 -1.36	28.29 1.86 -0.55	28.06 1.87 -0.29	29.37 1.87 -1.46	33.57 2.24 -2.57	37.16 2.52 -1.90	39.53 2.72 -2.31	43.17 2.91 -4.74	39.50 2.86 0.00	40.14 3.01 0.00	41.31 3.20 0.00	42.16 3.48 0.00	43.20 3.71 0.00	42.55 2.89 -10.44	51.65 3.51 -14.98	49.80 3.35 -12.94	45.50 2.97 -11.25	41.91 3.06 -4.07	40.24 2.79 -4.99	38.60 2.63 0.00	36.85 2.73 0.00	33.29 2.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.69 -1.11 0.00	26.70 -1.23 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.23	27.29 -1.87 -0.40	30.75 -2.26 -0.26	32.06 -2.76 -0.33	33.48 -2.73 -0.69	34.67 -1.94 0.03	35.08 -1.93 0.13	35.96 -1.91 0.24	35.40 -2.20 1.08	36.07 -2.41 1.01	29.50 -1.31 -1.60	33.86 -1.62 -2.32	33.94 -1.57 -2.01	31.96 -1.06 -1.75	34.44 -0.97 -0.63	32.36 -0.88 -0.77	34.71 -1.26 0.00	32.59 -1.50 0.03	30.20 -0.68 0.00
PACKARD__115KV_DUPONT_184 80571	29.69 -1.11 0.00	26.70 -1.23 0.00	25.07 -1.14 -0.21	24.20 -1.76 -0.08	24.32 -1.63 -0.04	25.40 -0.86 -0.23	27.29 -1.87 -0.40	30.75 -2.26 -0.26	32.06 -2.76 -0.33	33.48 -2.73 -0.69	34.67 -1.94 0.03	35.08 -1.93 0.13	35.96 -1.91 0.24	35.40 -2.20 1.08	36.07 -2.41 1.01	29.50 -1.31 -1.60	33.86 -1.62 -2.32	33.94 -1.57 -2.01	31.96 -1.06 -1.75	34.44 -0.97 -0.63	32.36 -0.88 -0.77	34.71 -1.26 0.00	32.59 -1.50 0.03	30.20 -0.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.05 2.25 0.00	29.88 1.95 0.00	29.26 1.90 -1.36	28.27 1.84 -0.55	28.00 1.81 -0.29	29.19 1.69 -1.46	33.26 1.93 -2.57	36.74 2.10 -1.90	39.05 2.24 -2.31	42.64 2.38 -4.74	39.03 2.38 0.00	39.66 2.52 0.00	40.78 2.67 0.00	41.58 2.90 0.00	42.61 3.12 0.00	42.14 2.48 -10.44	51.26 3.12 -14.98	49.30 2.85 -12.94	45.00 2.47 -11.25	41.35 2.50 -4.07	39.79 2.34 -4.99	38.06 2.09 0.00	36.55 2.42 0.00	33.20 2.32 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.39 2.59 0.00	30.19 2.26 0.00	29.58 2.21 -1.36	28.55 2.12 -0.55	28.32 2.12 -0.29	29.47 1.98 -1.46	33.57 2.24 -2.57	37.10 2.46 -1.90	39.39 2.59 -2.31	43.20 2.95 -4.74	39.57 2.93 0.00	40.21 3.08 0.00	41.39 3.28 0.00	42.20 3.52 0.00	43.01 3.51 0.00	42.43 2.78 -10.44	51.59 3.45 -14.98	49.67 3.22 -12.94	45.31 2.78 -11.25	41.73 2.89 -4.07	40.14 2.69 -4.99	38.45 2.48 0.00	36.92 2.80 0.00	33.57 2.69 0.00
PATROON__115KV_TB1 80586	32.13 1.32 0.00	29.38 1.45 0.00	30.59 1.33 -3.26	28.53 1.32 -1.33	27.91 1.32 -0.69	30.90 1.35 -3.51	36.04 1.29 -5.99	38.74 1.44 -4.56	41.53 1.48 -5.55	48.43 1.53 -11.38	38.22 1.58 0.00	38.69 1.56 0.00	39.79 1.68 0.00	40.27 1.59 0.00	41.23 1.74 0.00	55.67 1.37 -25.08	70.71 1.56 -36.00	66.12 1.51 -31.10	59.70 1.38 -27.04	46.08 1.53 -9.77	45.85 1.40 -11.99	37.45 1.47 0.00	35.56 1.43 0.00	32.21 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.56 -0.25 0.00	27.65 -0.28 0.00	25.78 -0.47 -0.24	24.94 -1.04 -0.10	25.10 -0.85 -0.05	26.11 -0.18 -0.25	28.29 -0.92 -0.45	31.34 -1.70 -0.30	33.59 -1.28 -0.38	34.39 -1.92 -0.79	35.66 -0.95 0.03	35.90 -1.11 0.11	36.71 -1.18 0.22	36.43 -1.28 0.97	37.04 -1.54 0.91	31.20 0.18 -1.81	35.91 0.13 -2.62	36.00 0.23 -2.26	33.81 0.56 -1.97	36.15 0.66 -0.71	33.88 0.55 -0.87	36.29 0.32 0.00	33.99 -0.10 0.03	31.31 0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.99 2.19 0.00	29.88 1.95 0.00	29.21 1.82 -1.38	28.23 1.79 -0.56	27.93 1.74 -0.29	29.32 1.80 -1.49	33.48 2.10 -2.62	36.97 2.29 -1.93	39.37 2.52 -2.36	43.05 2.70 -4.83	39.39 2.75 0.00	39.99 2.86 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.60 2.75 -10.64	51.71 3.28 -15.27	49.95 3.25 -13.19	45.62 2.88 -11.47	41.91 2.99 -4.14	40.27 2.73 -5.09	38.67 2.70 0.00	36.72 2.59 0.00	33.20 2.32 0.00
PEEKSKILL____ 23653	32.62 1.82 0.00	29.57 1.65 0.00	28.93 1.59 -1.34	27.95 1.53 -0.55	27.69 1.50 -0.28	29.04 1.56 -1.44	33.14 1.84 -2.54	36.68 2.06 -1.87	38.98 2.21 -2.28	42.50 2.31 -4.68	39.02 2.38 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.50 2.82 0.00	42.53 3.04 0.00	41.97 2.45 -10.30	50.80 2.85 -14.79	49.06 2.78 -12.78	44.86 2.47 -11.11	41.33 2.54 -4.01	39.69 2.30 -4.93	38.17 2.19 0.00	36.28 2.15 0.00	32.86 1.98 0.00
PGE MADISON__WINDPWR 24146	32.96 2.16 0.00	29.88 1.95 0.00	28.26 1.69 -0.56	27.66 1.55 -0.23	27.68 1.66 -0.12	28.35 1.72 -0.60	31.72 1.93 -1.04	36.04 2.52 -0.78	37.89 2.45 -0.95	40.05 2.59 -1.95	39.35 2.71 0.01	39.82 2.71 0.03	40.77 2.71 0.05	41.25 2.79 0.22	41.54 2.25 0.21	35.56 2.04 -4.30	41.62 2.29 -6.17	41.38 2.55 -5.33	38.67 2.75 -4.64	39.69 3.24 -1.67	37.53 3.02 -2.06	38.96 2.98 0.00	36.44 2.32 0.01	32.98 2.10 0.00
PIERCEFIELD__HYD 23852	30.65 -0.15 0.00	27.81 -0.11 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.93 0.03 0.00	25.85 -0.18 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.39 -0.10 0.00	35.27 -0.25 0.00	36.31 -0.33 0.00	36.76 -0.37 0.00	37.58 -0.53 0.00	37.79 -0.89 0.00	38.23 -1.26 0.00	27.93 -1.29 0.00	31.70 -1.46 0.00	32.10 -1.41 0.00	29.96 -1.31 0.00	33.53 -1.25 0.00	31.36 -1.10 0.00	35.36 -0.61 0.00	33.92 -0.20 0.00	30.60 -0.28 0.00
PINELAWN_CC_1 323563	50.81 3.05 -16.96	40.41 2.77 -9.72	33.56 2.58 -4.98	31.56 2.48 -3.20	29.80 2.49 -1.41	38.47 2.55 -9.89	37.03 2.93 -5.34	46.22 3.41 -10.07	46.93 3.69 -8.75	44.27 3.66 -5.09	45.53 3.66 -5.22	47.92 3.45 -7.33	50.56 3.50 -8.95	56.87 3.75 -14.44	65.96 3.91 -22.56	64.99 3.10 -32.67	71.17 3.65 -34.37	83.51 3.55 -46.46	71.94 3.25 -37.41	56.67 3.44 -18.45	55.23 3.18 -19.59	49.53 3.31 -10.25	45.84 3.58 -8.13	42.58 3.27 -8.42
PJM_GEN_HTP_PROXY 323702	32.71 1.91 0.00	29.66 1.73 0.00	29.05 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.90 2.26 -1.90	39.22 2.41 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.93 2.82 0.00	41.73 3.05 0.00	42.77 3.28 0.00	42.25 2.60 -10.44	51.22 3.08 -14.98	49.40 2.95 -12.94	45.12 2.59 -11.25	41.49 2.64 -4.07	39.89 2.44 -4.99	38.24 2.27 0.00	36.45 2.32 0.00	32.98 2.10 0.00
PJM_GEN_KEystone 24065	31.29 0.49 0.00	28.40 0.47 0.00	27.26 0.41 -0.83	26.40 0.18 -0.34	26.31 0.23 -0.18	27.45 0.52 -0.90	30.68 0.35 -1.58	34.29 0.39 -1.15	36.20 0.31 -1.40	38.70 0.28 -2.90	37.25 0.62 0.01	37.83 0.74 0.05	38.74 0.72 0.09	38.99 0.73 0.42	40.01 0.91 0.39	36.73 1.11 -6.40	43.48 1.13 -9.19	42.62 1.17 -7.94	39.40 1.22 -6.91	38.46 1.18 -2.49	36.56 1.04 -3.06	36.80 0.83 0.00	34.76 0.65 0.01	31.74 0.86 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.19 2.43 -16.96	39.88 2.23 -9.72	33.09 2.11 -4.98	31.10 2.02 -3.20	29.31 1.99 -1.41	37.98 2.06 -9.89	36.46 2.36 -5.34	45.56 2.75 -10.06	46.16 2.93 -8.74	43.55 2.95 -5.08	44.83 2.97 -5.22	47.54 3.08 -7.33	50.26 3.20 -8.94	56.52 3.40 -14.44	65.64 3.59 -22.56	64.75 2.86 -32.67	69.33 3.32 -32.85	83.21 3.25 -46.46	69.93 2.91 -35.75	54.92 3.06 -17.08	54.90 2.86 -19.58	48.99 2.77 -10.25	44.86 2.83 -7.91	41.89 2.59 -8.42
PJM_GEN_VFT_PROXY 323633	32.53 1.72 0.00	29.49 1.56 0.00	28.90 1.53 -1.36	27.91 1.47 -0.55	27.67 1.48 -0.29	29.00 1.51 -1.46	33.14 1.81 -2.57	36.71 2.06 -1.90	38.89 2.17 -2.22	42.56 2.31 -4.74	38.95 2.31 0.00	39.58 2.45 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.53 3.04 0.00	42.08 2.42 -10.44	51.06 2.92 -14.98	49.20 2.75 -12.94	44.94 2.41 -11.25	41.28 2.43 -4.07	39.66 2.21 -4.99	37.98 2.01 0.00	36.24 2.12 0.00	32.76 1.88 0.00
PLATSBURG_115KV_PMLD1 355749	30.90 0.09 0.00	28.01 0.08 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.22 0.31 0.00	26.22 0.18 0.00	29.07 0.32 0.00	33.23 0.49 0.00	35.15 0.66 0.00	35.41 -0.11 0.00	36.42 -0.22 0.00	36.83 -0.30 0.00	37.12 -0.99 0.00	37.44 -1.24 0.00	38.35 -1.15 0.00	28.43 -0.79 0.00	32.23 -0.93 0.00	32.57 -0.94 0.00	30.40 -0.88 0.00	34.01 -0.77 0.00	32.26 -0.19 0.00	35.94 -0.04 0.00	34.12 0.00 0.00	30.82 -0.06 0.00
PLEASANTVLY__LBMP 24000	32.59 1.79 0.00	29.52 1.59 0.00	28.95 1.51 -1.43	27.91 1.45 -0.58	27.66 1.45 -0.30	29.06 1.48 -1.54	33.22 1.75 -2.71	36.65 1.90 -2.00	38.97 2.04 -2.44	42.68 2.17 -5.00	38.81 2.16 0.00	39.36 2.23 0.00	40.48 2.36 0.00	41.19 2.51 0.00	42.18 2.69 0.00	42.39 2.16 -11.02	51.52 2.55 -15.80	49.64 2.48 -13.66	45.37 2.22 -11.87	41.36 2.30 -4.29	39.80 2.08 -5.27	37.95 1.98 0.00	36.14 2.01 0.00	32.70 1.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.77 1.97 0.00	29.69 1.76 0.00	29.07 1.69 -1.37	28.07 1.63 -0.56	27.80 1.61 -0.29	29.17 1.67 -1.47	33.31 1.96 -2.60	36.82 2.16 -1.92	39.17 2.35 -2.33	42.82 2.52 -4.78	39.14 2.49 0.00	39.77 2.64 0.00	40.89 2.78 0.00	41.66 2.98 0.00	42.65 3.16 0.00	42.26 2.51 -10.54	51.26 2.98 -15.12	49.45 2.88 -13.06	45.20 2.56 -11.36	41.56 2.68 -4.10	39.93 2.43 -5.04	38.27 2.30 0.00	36.48 2.35 0.00	32.95 2.07 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.77 1.97 0.00	29.69 1.76 0.00	29.07 1.69 -1.37	28.07 1.63 -0.56	27.80 1.61 -0.29	29.17 1.67 -1.47	33.31 1.96 -2.60	36.82 2.16 -1.92	39.17 2.35 -2.33	42.82 2.52 -4.78	39.14 2.49 0.00	39.77 2.64 0.00	40.89 2.78 0.00	41.66 2.98 0.00	42.65 3.16 0.00	42.26 2.51 -10.54	51.26 2.98 -15.12	49.45 2.88 -13.06	45.20 2.56 -11.36	41.56 2.68 -4.10	39.93 2.43 -5.04	38.27 2.30 0.00	36.48 2.35 0.00	32.95 2.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.84 2.03 0.00	29.74 1.82 0.00	29.15 1.72 -1.42	28.11 1.66 -0.58	27.84 1.63 -0.30	29.26 1.69 -1.53	33.44 1.98 -2.69	36.90 2.16 -1.99	39.26 2.35 -2.42	42.94 2.45 -4.97	39.10 2.46 0.00	39.69 2.56 0.00	40.78 2.67 0.00	41.54 2.86 0.00	42.45 2.96 0.00	42.51 2.34 -10.95	51.69 2.82 -15.71	49.86 2.78 -13.58	45.62 2.53 -11.81	41.69 2.64 -4.26	40.10 2.40 -5.24	38.31 2.34 0.00	36.48 2.35 0.00	32.98 2.10 0.00
POLETTI____ 23519	32.77 1.97 0.00	29.66 1.73 0.00	29.06 1.69 -1.36	28.06 1.63 -0.55	27.82 1.63 -0.29	29.14 1.64 -1.46	33.29 1.96 -2.57	36.84 2.19 -1.90	39.15 2.35 -2.31	42.78 2.52 -4.74	39.14 2.49 0.00	39.73 2.60 0.00	40.89 2.78 0.00	41.70 3.02 0.00	42.73 3.24 0.00	42.23 2.57 -10.44	51.26 3.12 -14.98	49.40 2.95 -12.94	45.10 2.56 -11.25	41.45 2.61 -4.07	39.85 2.40 -4.99	38.20 2.23 0.00	36.48 2.35 0.00	32.95 2.07 0.00
PORT_JEFF_3 23555	51.09 3.33 -16.96	40.63 2.99 -9.72	33.80 2.81 -4.98	31.77 2.69 -3.20	30.01 2.69 -1.41	38.71 2.79 -9.89	37.29 3.19 -5.34	46.54 3.73 -10.07	47.31 4.07 -8.75	44.66 4.05 -5.09	45.93 4.07 -5.22	48.59 4.12 -7.33	51.10 4.04 -8.95	57.30 4.18 -14.44	66.55 4.50 -22.56	65.43 3.53 -32.68	87.01 4.11 -49.74	84.03 4.05 -46.47	89.19 3.69 -54.23	70.96 3.96 -32.22	55.68 3.63 -19.59	49.99 3.78 -10.25	48.31 3.75 -10.43	42.89 3.58 -8.42
PORT_JEFF_4 23616	51.09 3.33 -16.96	40.63 2.99 -9.72	33.80 2.81 -4.98	31.77 2.69 -3.20	30.01 2.69 -1.41	38.71 2.79 -9.89	37.29 3.19 -5.34	46.54 3.73 -10.07	47.31 4.07 -8.75	44.66 4.05 -5.09	45.93 4.07 -5.22	48.59 4.12 -7.33	51.10 4.04 -8.95	57.30 4.18 -14.44	66.55 4.50 -22.56	65.43 3.53 -32.68	87.01 4.11 -49.74	84.03 4.05 -46.47	89.19 3.69 -54.23	70.96 3.96 -32.22	55.68 3.63 -19.59	49.99 3.78 -10.25	48.31 3.75 -10.43	42.89 3.58 -8.42
PORT_JEFF_IC 23713	51.18 3.42 -16.96	40.71 3.07 -9.72	33.87 2.89 -4.98	31.85 2.77 -3.20	30.09 2.77 -1.41	38.76 2.84 -9.89	37.38 3.28 -5.34	46.61 3.80 -10.07	47.41 4.17 -8.75	44.73 4.12 -5.09	46.04 4.18 -5.22	48.73 4.27 -7.33	51.29 4.23 -8.95	57.41 4.29 -14.44	66.71 4.66 -22.56	65.55 3.65 -32.69	89.63 4.25 -52.22	84.16 4.19 -46.47	92.04 3.81 -56.95	73.32 4.10 -34.44	55.81 3.76 -19.59	50.18 3.96 -10.25	48.85 3.92 -10.80	42.98 3.67 -8.43
PPL PILGRIM_ST_GT1 24216	51.09 3.33 -16.96	40.63 2.99 -9.72	33.77 2.78 -4.98	31.74 2.67 -3.20	29.98 2.67 -1.41	38.68 2.76 -9.89	37.26 3.16 -5.34	46.51 3.70 -10.07	47.27 4.03 -8.75	44.69 4.08 -5.09	45.90 4.03 -5.22	48.62 4.16 -7.33	51.33 4.27 -8.95	57.60 4.48 -14.44	66.55 4.50 -22.56	65.45 3.56 -32.68	74.00 4.18 -36.66	84.05 4.09 -46.46	74.95 3.75 -39.92	59.25 3.96 -20.50	55.94 3.89 -19.59	50.14 3.92 -10.25	46.42 3.82 -8.48	42.86 3.55 -8.43
PPL PILGRIM_ST_GT2 24217	51.09 3.33 -16.96	40.63 2.99 -9.72	33.77 2.78 -4.98	31.74 2.67 -3.20	29.98 2.67 -1.41	38.68 2.76 -9.89	37.26 3.16 -5.34	46.51 3.70 -10.07	47.27 4.03 -8.75	44.69 4.08 -5.09	45.90 4.03 -5.22	48.62 4.16 -7.33	51.33 4.27 -8.95	57.60 4.48 -14.44	66.55 4.50 -22.56	65.45 3.56 -32.68	74.00 4.18 -36.66	84.05 4.09 -46.46	74.95 3.75 -39.92	59.25 3.96 -20.50	55.94 3.89 -19.59	50.14 3.92 -10.25	46.42 3.82 -8.48	42.86 3.55 -8.43
PPL_SHRM_GT3 24213	51.39 3.63 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	32.03 2.95 -3.20	30.24 2.93 -1.41	38.94 3.02 -9.89	37.55 3.45 -5.34	46.84 4.03 -10.07	47.72 4.48 -8.75	45.01 4.40 -5.09	46.33 4.47 -5.22	49.03 4.57 -7.33	51.71 4.65 -8.95	58.03 4.91 -14.44	67.30 5.25 -22.56	65.96 4.06 -32.68	87.96 4.74 -50.05	84.63 4.66 -46.47	90.14 4.29 -54.57	72.01 4.73 -32.50	56.40 4.35 -19.59	50.64 4.42 -10.25	48.90 4.30 -10.48	43.26 3.95 -8.43
PPL_SHRM_GT4 24214	51.39 3.63 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	32.03 2.95 -3.20	30.24 2.93 -1.41	38.94 3.02 -9.89	37.55 3.45 -5.34	46.84 4.03 -10.07	47.72 4.48 -8.75	45.01 4.40 -5.09	46.33 4.47 -5.22	49.03 4.57 -7.33	51.71 4.65 -8.95	58.03 4.91 -14.44	67.30 5.25 -22.56	65.96 4.06 -32.68	87.96 4.74 -50.05	84.63 4.66 -46.47	90.14 4.29 -54.57	72.01 4.73 -32.50	56.40 4.35 -19.59	50.64 4.42 -10.25	48.90 4.30 -10.48	43.26 3.95 -8.43
PROJECT____ORANGE 1 24174	30.50 -0.31 0.00	27.62 -0.31 0.00	25.67 -0.34 0.00	25.41 -0.47 0.00	25.49 -0.41 0.00	25.75 -0.29 0.00	28.40 -0.37 -0.02	32.34 -0.39 0.01	34.07 -0.41 0.01	35.11 -0.39 0.01	36.30 -0.33 0.01	36.74 -0.33 0.05	37.75 -0.27 0.10	37.98 -0.27 0.43	38.69 -0.39 0.40	29.07 -0.15 0.00	32.99 -0.17 0.00	33.34 -0.17 0.00	31.18 -0.09 0.00	34.68 -0.10 0.00	32.36 -0.10 0.00	35.72 -0.25 0.00	33.77 -0.34 0.01	30.60 -0.28 0.00
PROJECT____ORANGE 2 24166	30.50 -0.31 0.00	27.62 -0.31 0.00	25.67 -0.34 0.00	25.41 -0.47 0.00	25.49 -0.41 0.00	25.75 -0.29 0.00	28.40 -0.37 -0.02	32.34 -0.39 0.01	34.07 -0.41 0.01	35.11 -0.39 0.01	36.30 -0.33 0.01	36.74 -0.33 0.05	37.75 -0.27 0.10	37.98 -0.27 0.43	38.69 -0.39 0.40	29.07 -0.15 0.00	32.99 -0.17 0.00	33.34 -0.17 0.00	31.18 -0.09 0.00	34.68 -0.10 0.00	32.36 -0.10 0.00	35.72 -0.25 0.00	33.77 -0.34 0.01	30.60 -0.28 0.00
PUCKETT____SOLAR 323809	31.54 0.74 0.00	28.59 0.67 0.00	27.09 0.55 -0.54	26.49 0.39 -0.22	26.46 0.44 -0.11	27.24 0.62 -0.58	30.34 0.57 -1.01	34.21 0.72 -0.74	36.02 0.62 -0.91	37.95 0.57 -1.87	37.41 0.77 0.01	37.88 0.78 0.03	38.82 0.76 0.06	39.24 0.81 0.26	39.92 0.67 0.24	34.22 0.88 -4.13	39.99 0.90 -5.93	39.67 1.04 -5.13	36.92 1.19 -4.46	37.75 1.36 -1.61	35.70 1.26 -1.98	37.12 1.15 0.00	34.97 0.85 0.01	31.78 0.90 0.00
PYRITES____HYD 24023	31.02 0.22 0.00	28.15 0.22 0.00	26.27 0.26 0.00	26.27 0.39 0.00	26.27 0.36 0.00	26.14 0.10 0.00	28.99 0.23 0.00	33.04 0.29 0.00	34.87 0.38 0.00	35.91 0.39 0.00	36.97 0.33 0.00	37.47 0.33 0.00	38.30 0.19 0.00	38.56 -0.12 0.00	38.94 -0.55 0.00	28.43 -0.79 0.00	32.23 -0.93 0.00	32.67 -0.84 0.00	30.53 -0.75 0.00	34.19 -0.59 0.00	31.94 -0.52 0.00	35.90 -0.07 0.00	34.33 0.20 0.00	30.94 0.06 0.00
QUAKERRD_115KV_BK1 80622	29.66 -1.14 0.00	26.86 -1.06 0.00	25.05 -1.12 -0.16	24.52 -1.42 -0.06	24.56 -1.37 -0.03	25.24 -0.96 -0.17	27.79 -1.27 -0.30	31.47 -1.44 -0.17	32.91 -1.79 -0.22	34.36 -1.63 -0.47	35.29 -1.32 0.03	35.68 -1.30 0.15	36.53 -1.30 0.29	36.02 -1.39 1.27	36.80 -1.50 1.19	29.37 -0.96 -1.12	33.82 -1.06 -1.72	33.95 -1.04 -1.49	31.76 -0.81 -1.29	34.41 -0.83 -0.47	32.25 -0.78 -0.57	35.00 -0.97 0.00	32.96 -1.13 0.04	30.02 -0.86 0.00

QUENSBRY_I15KV_TB8 356137	33.02	29.88	32.07	29.34	28.59	32.50	38.65	41.13	44.41	53.07	39.06	39.58	40.67	40.96	42.10	63.88	82.27	76.27	68.82	50.17	50.83	38.78	36.65	33.07
	2.22	1.95	1.82	1.73	1.79	1.90	2.16	2.46	2.69	2.73	2.42	2.45	2.55	2.28	2.61	2.02	2.25	2.28	2.35	2.68	2.76	2.81	2.53	2.19
	0.00	0.00	-4.24	-1.73	-0.90	-4.56	-7.73	-5.94	-7.23	-14.82	0.00	0.00	0.00	0.00	0.00	-32.65	-46.85	-40.49	-35.20	-12.72	-15.61	0.00	0.00	0.00
RAMAPO____LBMP 323565	32.50	29.43	28.76	27.80	27.58	28.86	32.90	36.42	38.73	42.23	38.84	39.47	40.59	41.39	42.33	41.46	50.16	48.47	44.33	41.01	39.35	37.99	36.17	32.67
	1.69	1.51	1.46	1.40	1.40	1.43	1.70	1.87	2.04	2.20	2.20	2.34	2.48	2.71	2.84	2.31	2.75	2.65	2.35	2.37	2.14	2.01	2.05	1.79
	0.00	0.00	-1.29	-0.53	-0.27	-1.39	-2.45	-1.81	-2.20	-4.51	0.00	0.00	0.00	0.00	0.00	-9.93	-14.25	-12.31	-10.71	-3.87	-4.75	0.00	0.00	0.00
RANKINE____ 23646	30.53	27.62	25.75	24.89	25.05	26.08	28.30	31.66	33.44	34.66	35.85	36.20	37.12	36.72	37.37	30.98	35.58	35.68	33.54	35.92	33.73	36.15	33.86	31.22
	-0.28	-0.31	-0.49	-1.09	-0.91	-0.21	-0.89	-1.38	-1.41	-1.63	-0.77	-0.82	-0.76	-0.97	-1.18	0.00	-0.13	-0.03	0.34	0.45	0.42	0.18	-0.24	0.34
	0.00	0.00	-0.23	-0.09	-0.05	-0.25	-0.44	-0.29	-0.36	-0.77	0.03	0.12	0.23	0.99	0.93	-1.76	-2.55	-2.20	-1.92	-0.69	-0.85	0.00	0.03	0.00
RAVENSWOOD_GT2_1 24244	32.74	29.71	29.11	28.11	27.85	29.16	33.31	36.93	39.22	42.78	39.17	39.81	40.97	41.73	42.77	42.28	51.26	49.40	45.16	41.52	39.92	38.24	36.48	33.01
	1.94	1.79	1.74	1.68	1.66	1.67	1.98	2.29	2.41	2.52	2.53	2.68	2.86	3.05	3.28	2.63	3.12	2.95	2.63	2.68	2.47	2.27	2.35	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT2_2 24245	32.74	29.71	29.11	28.11	27.85	29.16	33.31	36.93	39.22	42.78	39.17	39.81	40.97	41.73	42.77	42.28	51.26	49.40	45.16	41.52	39.92	38.24	36.48	33.01
	1.94	1.79	1.74	1.68	1.66	1.67	1.98	2.29	2.41	2.52	2.53	2.68	2.86	3.05	3.28	2.63	3.12	2.95	2.63	2.68	2.47	2.27	2.35	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT2_3 24246	32.78	29.71	29.11	28.11	27.87	29.19	33.34	36.93	39.25	42.78	39.21	39.84	40.97	41.77	42.81	42.28	51.29	49.43	45.16	41.56	39.92	38.28	36.48	33.04
	1.97	1.79	1.74	1.68	1.68	1.69	2.01	2.29	2.45	2.52	2.56	2.71	2.86	3.10	3.32	2.63	3.15	2.98	2.63	2.71	2.47	2.30	2.35	2.16
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT2_4 24247	32.78	29.71	29.11	28.11	27.87	29.19	33.34	36.93	39.25	42.78	39.21	39.84	40.97	41.77	42.81	42.28	51.29	49.43	45.16	41.56	39.92	38.28	36.48	33.04
	1.97	1.79	1.74	1.68	1.68	1.69	2.01	2.29	2.45	2.52	2.56	2.71	2.86	3.10	3.32	2.63	3.15	2.98	2.63	2.71	2.47	2.30	2.35	2.16
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT3_1 24248	32.74	29.71	29.11	28.11	27.85	29.16	33.31	36.93	39.22	42.78	39.17	39.81	40.97	41.73	42.77	42.28	51.26	49.43	45.16	41.52	39.92	38.24	36.48	33.01
	1.94	1.79	1.74	1.68	1.66	1.67	1.98	2.29	2.41	2.52	2.53	2.68	2.86	3.05	3.28	2.63	3.12	2.98	2.63	2.68	2.47	2.27	2.35	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT3_2 24249	32.74	29.71	29.11	28.11	27.85	29.16	33.31	36.93	39.22	42.78	39.17	39.81	40.97	41.73	42.77	42.28	51.26	49.43	45.16	41.52	39.92	38.24	36.48	33.01
	1.94	1.79	1.74	1.68	1.66	1.67	1.98	2.29	2.41	2.52	2.53	2.68	2.86	3.05	3.28	2.63	3.12	2.98	2.63	2.68	2.47	2.27	2.35	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT3_3 24250	32.87	29.74	29.13	28.14	27.90	29.21	33.37	36.93	39.25	42.89	39.25	39.88	41.01	41.85	42.85	42.32	51.36	49.50	45.22	41.59	39.98	38.31	36.58	33.07
	2.06	1.82	1.77	1.71	1.71	1.72	2.04	2.29	2.45	2.63	2.60	2.75	2.90	3.17	3.36	2.66	3.22	3.05	2.69	2.75	2.53	2.34	2.46	2.19
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT3_4 24251	32.80	29.74	29.13	28.14	27.90	29.21	33.37	36.97	39.29	42.85	39.25	39.88	41.05	41.81	42.85	42.34	51.32	49.47	45.22	41.59	39.95	38.31	36.51	33.07
	2.00	1.81	1.77	1.71	1.71	1.72	2.04	2.33	2.48	2.59	2.60	2.75	2.93	3.13	3.35	2.69	3.18	3.02	2.69	2.75	2.50	2.34	2.39	2.19
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT_1 23729	32.84	29.83	29.21	28.22	27.95	29.21	33.34	36.97	39.25	42.81	39.25	39.88	41.01	41.81	42.85	42.31	51.35	49.47	45.16	41.56	39.95	38.24	36.55	33.17
	2.03	1.90	1.85	1.78	1.76	1.72	2.01	2.33	2.45	2.56	2.60	2.75	2.90	3.13	3.35	2.66	3.22	3.02	2.63	2.71	2.50	2.27	2.42	2.29
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT_10 24258	32.84	29.71	29.08	28.09	27.85	29.16	33.31	36.87	39.22	42.85	39.21	39.81	40.97	41.77	42.77	42.26	51.29	49.43	45.16	41.52	39.92	38.27	36.51	33.01
	2.03	1.79	1.72	1.66	1.66	1.67	1.98	2.23	2.41	2.59	2.57	2.67	2.86	3.09	3.28	2.60	3.15	2.98	2.63	2.68	2.47	2.30	2.39	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT_11 24259	32.74	29.71	29.08	28.09	27.85	29.16	33.31	36.93	39.22	42.78	39.17	39.81	40.97	41.77	42.77	42.28	51.26	49.43	45.16	41.52	39.92	38.24	36.48	33.01
	1.94	1.79	1.72	1.66	1.66	1.67	1.98	2.29	2.41	2.52	2.53	2.68	2.86	3.10	3.28	2.63	3.12	2.98	2.63	2.68	2.47	2.27	2.35	2.13
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00
RAVENSWOOD_GT_4 24252	32.81	29.69	29.08	28.09	27.85	29.16	33.34	36.87	39.22	42.85	39.21	39.81	40.97	41.77	42.77	42.26	51.29	49.43	45.16	41.52	39.92	38.27	36.51	32.98
	2.00	1.76	1.72	1.66	1.66	1.67	2.01	2.23	2.41	2.59	2.57	2.67	2.86	3.09	3.28	2.60	3.15	2.98	2.63	2.68	2.47	2.30	2.39	2.10
	0.00	0.00	-1.36	-0.55	-0.29	-1.46	-2.57	-1.90	-2.31	-4.74	0.00	0.00	0.00	0.00	0.00	-10.44	-14.98	-12.94	-11.25	-4.07	-4.99	0.00	0.00	0.00



RAVENSWOOD_GT_5 24254	32.81 2.00 0.00	29.69 1.76 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.34 2.01 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.29 3.15 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.27 2.30 0.00	36.51 2.39 0.00	32.98 2.10 0.00
RAVENSWOOD_GT_6 24253	32.81 2.00 0.00	29.69 1.76 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.34 2.01 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.29 3.15 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.27 2.30 0.00	36.51 2.39 0.00	32.98 2.10 0.00
RAVENSWOOD_GT_7 24255	32.81 2.00 0.00	29.69 1.76 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.34 2.01 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.29 3.15 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.27 2.30 0.00	36.51 2.39 0.00	32.98 2.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.84 2.03 0.00	29.71 1.79 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.85 2.59 -4.74	39.21 2.57 0.00	39.81 2.67 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.77 3.28 0.00	42.26 2.60 -10.44	51.29 3.15 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.27 2.30 0.00	36.51 2.39 0.00	33.01 2.13 0.00
RAVENSWOOD_GT_9 24257	32.74 1.94 0.00	29.71 1.79 0.00	29.08 1.72 -1.36	28.09 1.66 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.31 1.98 -2.57	36.93 2.29 -1.90	39.22 2.41 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.97 2.86 0.00	41.77 3.10 0.00	42.77 3.28 0.00	42.28 2.63 -10.44	51.26 3.12 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.48 2.35 0.00	33.01 2.13 0.00
RAVENSWOOD___1 23533	32.84 2.03 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.95 1.76 -0.29	29.21 1.72 -1.46	33.34 2.01 -2.57	36.93 2.29 -1.90	39.25 2.45 -2.31	42.78 2.52 -4.74	39.21 2.56 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.77 3.10 0.00	42.81 3.32 0.00	42.31 2.66 -10.44	51.32 3.18 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.56 2.71 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.55 2.42 0.00	33.13 2.25 0.00
RAVENSWOOD___2 23534	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.19 1.76 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.93 2.29 -1.90	39.25 2.45 -2.31	42.78 2.52 -4.74	39.21 2.56 0.00	39.84 2.71 0.00	41.01 2.90 0.00	41.77 3.10 0.00	42.81 3.32 0.00	42.28 2.63 -10.44	51.32 3.18 -14.98	49.43 2.98 -12.94	45.12 2.59 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.51 2.39 0.00	33.13 2.25 0.00
RAVENSWOOD___3 23535	32.78 1.97 0.00	29.71 1.79 0.00	29.11 1.74 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.16 1.67 -1.46	33.31 1.98 -2.57	36.93 2.29 -1.90	39.22 2.41 -2.31	42.78 2.52 -4.74	39.17 2.53 0.00	39.81 2.68 0.00	40.97 2.86 0.00	41.77 3.10 0.00	42.81 3.32 0.00	42.28 2.63 -10.44	51.26 3.12 -14.98	49.43 2.98 -12.94	45.16 2.63 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.24 2.27 0.00	36.48 2.35 0.00	33.01 2.13 0.00
RAVENSWOOD___4 23820	32.80 2.00 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.16 1.73 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.93 2.29 -1.90	39.22 2.41 -2.31	42.78 2.52 -4.74	39.21 2.56 0.00	39.84 2.71 0.00	40.97 2.86 0.00	41.77 3.10 0.00	42.81 3.32 0.00	42.28 2.63 -10.44	51.32 3.18 -14.98	49.43 2.98 -12.94	45.12 2.59 -11.25	41.52 2.68 -4.07	39.92 2.47 -4.99	38.20 2.23 0.00	36.51 2.39 0.00	33.13 2.25 0.00
RCPL_TRUST___DRP 24196	32.84 2.03 0.00	29.71 1.79 0.00	29.08 1.72 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.19 1.69 -1.46	33.34 2.01 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.32 3.18 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.27 2.30 0.00	36.55 2.42 0.00	33.01 2.13 0.00
RED___ROCHESTER 323720	30.68 -0.12 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.59 -0.03	26.16 -0.05 -0.17	28.72 -0.34 -0.30	32.44 -0.49 -0.19	34.04 -0.69 -0.24	35.51 -0.53 -0.52	36.61 0.00 0.03	37.03 0.04 0.14	37.87 0.04 0.28	37.29 -0.15 1.23	38.30 -0.04 1.16	30.59 0.15 -1.23	35.16 0.23 -1.76	35.27 0.24 -1.52	32.95 0.34 -1.33	35.71 0.45 -0.48	33.47 0.42 -0.59	36.26 0.29 0.00	34.29 0.21 0.04	31.19 0.31 0.00
REGAN___SOLAR 323812	33.76 2.96 0.00	30.52 2.60 0.00	32.34 2.37 -3.96	29.74 2.25 -1.61	29.05 2.30 -0.84	32.75 2.45 -4.27	38.85 2.82 -7.28	41.50 3.21 -5.55	44.45 3.21 -6.75	52.95 3.59 -13.85	40.01 3.37 0.00	40.55 3.41 0.00	41.74 3.62 0.00	42.31 3.63 0.00	42.97 3.48 0.00	62.45 2.72 -30.51	80.00 3.05 -43.79	74.70 3.35 -37.84	67.49 3.31 -32.90	50.53 3.86 -11.89	50.62 3.57 -14.59	39.57 3.60 0.00	37.20 3.07 0.00	33.54 2.66 0.00
RENSSELAER___COGEN 23796	32.19 1.39 0.00	29.24 1.31 0.00	30.08 1.20 -2.88	28.24 1.19 -1.17	27.70 1.19 -0.61	30.36 1.22 -3.10	35.22 1.15 -5.31	38.05 1.28 -4.03	40.67 1.28 -4.90	46.85 1.28 -10.05	37.96 1.32 0.00	38.47 1.33 0.00	39.56 1.45 0.00	40.11 1.43 0.00	40.95 1.46 0.00	52.50 1.14 -22.15	66.21 1.26 -31.79	62.25 1.27 -27.47	56.32 1.16 -23.88	44.70 1.29 -8.63	44.22 1.17 -10.59	37.19 1.22 0.00	35.32 1.19 0.00	32.08 1.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.78 3.97 0.00	31.42 3.49 0.00	33.46 3.23 -4.23	30.68 3.08 -1.72	30.01 3.21 -0.89	34.02 3.44 -4.55	40.32 3.85 -7.71	43.11 4.45 -5.92	46.52 4.83 -7.20	55.40 5.11 -14.77	41.44 4.80 0.00	42.18 5.05 0.00	43.37 5.26 0.00	43.71 5.03 0.00	44.90 5.41 0.00	65.79 4.03 -32.54	84.34 4.48 -46.70	78.38 4.52 -40.35	70.80 4.44 -35.08	52.60 5.15 -12.67	52.99 4.97 -15.56	41.15 5.18 0.00	38.63 4.50 0.00	34.80 3.92 0.00
REVERE_CPPR_DRP 24186	31.76 0.95 0.00	28.76 0.84 0.00	26.71 0.70 0.00	26.53 0.65 0.00	26.58 0.67 0.00	26.66 0.62 0.00	29.54 0.78 -0.01	33.85 1.11 0.01	35.63 1.14 0.00	36.83 1.31 0.01	38.03 1.39 0.01	38.52 1.41 0.02	39.60 1.52 0.04	40.05 1.55 0.18	40.55 1.22 0.17	30.24 1.02 0.00	34.35 1.19 0.00	34.85 1.34 0.00	32.59 1.31 0.00	36.28 1.50 0.00	33.82 1.36 0.00	37.30 1.33 0.00	35.14 1.02 0.01	31.71 0.83 0.00

REYNOLDS_115KV_TB3 80639	32.28 1.48 0.00	29.38 1.45 0.00	30.40 1.35 -3.04	28.44 1.32 -1.24	27.87 1.32 -0.64	30.66 1.35 -3.27	35.77 1.41 -5.60	38.54 1.54 -4.26	41.30 1.62 -5.18	47.78 1.63 -10.63	38.29 1.65 0.00	38.80 1.67 0.00	39.87 1.75 0.00	40.34 1.66 0.00	41.35 1.86 0.00	54.10 1.46 -23.42	68.43 1.66 -33.61	64.16 1.61 -29.04	58.00 1.47 -25.25	45.54 1.63 -9.12	45.18 1.53 -11.20	37.52 1.55 0.00	35.66 1.54 0.00	32.36 1.48 0.00
RIVERBAY____ 323610	33.39 2.59 0.00	30.19 2.26 0.00	29.58 2.21 -1.36	28.55 2.12 -0.55	28.32 2.12 -0.29	29.47 1.98 -1.46	33.57 2.24 -2.57	37.10 2.46 -1.90	39.39 2.59 -2.31	43.20 2.95 -4.74	39.57 2.93 0.00	40.21 3.08 0.00	41.39 3.28 0.00	42.20 3.52 0.00	43.01 3.51 0.00	42.43 2.78 -10.44	51.59 3.45 -14.98	49.67 3.22 -12.94	45.31 2.78 -11.25	41.73 2.89 -4.07	40.14 2.69 -4.99	38.45 2.48 0.00	36.92 2.80 0.00	33.57 2.69 0.00
RIVERSDE_115KV_TB3 55908	32.16 1.36 0.00	29.35 1.42 0.00	30.42 1.33 -3.08	28.43 1.29 -1.26	27.85 1.30 -0.65	30.68 1.33 -3.32	35.76 1.32 -5.68	38.50 1.44 -4.31	41.26 1.52 -5.25	47.82 1.53 -10.77	38.22 1.58 0.00	38.69 1.56 0.00	39.79 1.68 0.00	40.27 1.59 0.00	41.23 1.74 0.00	54.32 1.37 -23.73	68.77 1.56 -34.05	64.44 1.51 -29.43	58.24 1.38 -25.58	45.55 1.53 -9.24	45.20 1.40 -11.35	37.45 1.47 0.00	35.56 1.43 0.00	32.24 1.36 0.00
ROARING____BROOK_WT_PWR 323790	30.19 -0.62 0.00	27.37 -0.56 0.00	25.52 -0.49 0.00	25.49 -0.39 0.00	25.49 -0.42 0.00	25.52 -0.52 0.00	28.21 -0.55 0.00	32.16 -0.59 0.00	33.94 -0.55 0.00	34.95 -0.57 0.00	35.95 -0.70 0.00	36.39 -0.74 0.00	37.27 -0.84 0.00	37.71 -0.97 0.00	38.43 -1.06 0.00	28.28 -0.94 0.00	32.13 -1.03 0.00	32.53 -0.97 0.00	30.84 -0.44 0.00	34.36 -0.42 0.00	32.10 -0.36 0.00	35.65 -0.32 0.00	33.85 -0.27 0.00	30.63 -0.25 0.00
ROCHESRG_115KV_T4 355643	30.40 -0.40 0.00	27.53 -0.39 0.00	25.65 -0.52 -0.16	25.04 -0.91 -0.06	25.11 -0.83 -0.03	25.87 -0.34 -0.17	28.37 -0.69 -0.30	32.20 -0.72 -0.18	33.65 -1.07 -0.23	35.09 -0.92 -0.50	36.13 -0.48 0.03	36.58 -0.41 0.14	37.49 -0.34 0.28	36.97 -0.46 1.25	37.77 -0.55 1.17	30.19 -0.20 -1.17	34.58 -0.33 -1.75	34.71 -0.30 -1.51	32.56 -0.03 -1.31	35.29 0.03 -0.47	33.07 0.03 -0.58	35.83 -0.14 0.00	33.75 -0.34 0.04	30.85 -0.03 0.00
ROCHESTER_9_IC 23652	30.59 -0.22 0.00	27.67 -0.25 0.00	25.81 -0.36 -0.16	25.19 -0.75 -0.07	25.24 -0.70 -0.03	26.03 -0.18 -0.17	28.54 -0.52 -0.30	32.40 -0.52 -0.18	33.86 -0.86 -0.23	35.31 -0.71 -0.50	36.39 -0.22 0.03	36.84 -0.15 0.14	37.72 -0.11 0.28	37.22 -0.23 1.23	38.06 -0.28 1.15	30.40 0.00 -1.19	34.83 -0.10 -1.76	34.96 -0.07 -1.53	32.79 0.19 -1.33	35.54 0.28 -0.48	33.31 0.26 -0.59	36.12 0.14 0.00	33.99 -0.10 0.04	31.04 0.15 0.00
ROCKVIEW_13_KV_LD 356306	32.90 2.09 0.00	29.77 1.84 0.00	29.16 1.79 -1.36	28.16 1.73 -0.55	27.90 1.71 -0.29	29.27 1.77 -1.46	33.43 2.10 -2.57	36.97 2.32 -1.90	39.32 2.52 -2.31	42.96 2.70 -4.74	39.36 2.71 0.00	39.95 2.82 0.00	41.09 2.97 0.00	41.89 3.21 0.00	42.89 3.40 0.00	42.35 2.69 -10.44	51.36 3.22 -14.98	49.53 3.08 -12.95	45.28 2.75 -11.25	41.70 2.85 -4.07	40.08 2.63 -4.99	38.45 2.48 0.00	36.65 2.53 0.00	33.10 2.22 0.00
ROME____115KV_TB2 80656	31.76 0.95 0.00	28.76 0.84 0.00	26.71 0.70 0.00	26.53 0.65 0.00	26.58 0.67 0.00	26.66 0.62 0.00	29.54 0.78 -0.01	33.85 1.11 0.01	35.63 1.14 0.00	36.83 1.31 0.01	38.03 1.39 0.01	38.52 1.41 0.02	39.60 1.52 0.04	40.05 1.55 0.18	40.55 1.22 0.17	30.24 1.02 0.00	34.35 1.19 0.00	34.85 1.34 0.00	32.59 1.31 0.00	36.28 1.50 0.00	33.82 1.36 0.00	37.30 1.33 0.00	35.14 1.02 0.01	31.71 0.83 0.00
ROSETON____1 23587	32.47 1.66 0.00	29.43 1.51 0.00	28.81 1.46 -1.35	27.82 1.40 -0.55	27.59 1.40 -0.28	28.92 1.43 -1.45	32.98 1.67 -2.56	36.50 1.87 -1.89	38.79 2.00 -2.30	42.29 2.06 -4.71	38.73 2.09 0.00	39.32 2.19 0.00	40.44 2.33 0.00	41.16 2.48 0.00	42.14 2.65 0.00	41.73 2.13 -10.38	50.54 2.49 -14.90	48.79 2.41 -12.87	44.62 2.16 -11.19	41.05 2.23 -4.04	39.47 2.05 -4.96	37.91 1.94 0.00	36.07 1.94 0.00	32.64 1.76 0.00
ROSETON____2 23588	32.47 1.66 0.00	29.43 1.51 0.00	28.81 1.46 -1.35	27.82 1.40 -0.55	27.59 1.40 -0.28	28.92 1.43 -1.45	32.98 1.67 -2.56	36.50 1.87 -1.89	38.79 2.00 -2.30	42.29 2.06 -4.71	38.73 2.09 0.00	39.32 2.19 0.00	40.44 2.33 0.00	41.16 2.48 0.00	42.14 2.65 0.00	41.73 2.13 -10.38	50.54 2.49 -14.90	48.79 2.41 -12.87	44.62 2.16 -11.19	41.05 2.23 -4.04	39.47 2.05 -4.96	37.91 1.94 0.00	36.07 1.94 0.00	32.64 1.76 0.00
ROTTSDAM_115KV_TB3 80664	32.28 1.48 0.00	29.24 1.31 0.00	31.70 1.22 -4.47	28.86 1.16 -1.82	28.04 1.19 -0.94	32.10 1.25 -4.81	38.32 1.41 -8.15	40.58 1.57 -6.26	43.80 1.69 -7.62	52.89 1.74 -15.63	38.37 1.72 0.00	38.88 1.75 0.00	39.94 1.83 0.00	40.50 1.82 0.00	41.47 1.97 0.00	65.20 1.55 -34.44	84.34 1.76 -49.42	77.99 1.78 -42.71	70.06 1.66 -37.13	50.00 1.81 -13.41	50.65 1.72 -16.47	37.66 1.69 0.00	35.76 1.64 0.00	32.36 1.48 0.00
RUSSELL____1 23602	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -1.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00
RUSSELL____2 23532	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -1.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00
RUSSELL____3 23549	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -1.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00
RUSSELL____4 23556	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -1.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00

RUSSELL___STATION 23914	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -0.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00
S SALMON___HYD 24043	30.37 -0.43 0.00	27.53 -0.39 0.00	25.59 -0.42 0.00	25.36 -0.52 0.00	25.41 -0.49 0.00	25.59 -0.44 0.00	28.28 -0.49 -0.01	32.13 -0.62 -0.01	33.78 -0.73 -0.01	34.78 -0.75 -0.01	35.96 -0.70 -0.01	36.55 -0.63 -0.05	37.56 -0.65 -0.10	38.41 -0.70 -0.43	39.06 -0.83 -0.40	28.69 -0.53 0.00	32.56 -0.60 0.00	33.00 -0.50 0.00	30.90 -0.37 0.00	34.43 -0.35 0.00	32.13 -0.32 0.00	35.61 -0.36 0.00	33.69 -0.44 -0.01	30.45 -0.43 0.00
S.PERRY___115KV_TB1 80734	31.60 0.80 0.00	28.60 0.67 0.00	26.69 0.44 -0.24	25.98 0.00 -0.10	26.06 0.10 -0.05	27.00 0.70 -0.26	29.50 0.29 -0.45	32.20 -0.85 -0.31	33.60 -1.28 -0.38	34.69 -1.63 -0.81	35.48 -1.14 0.02	36.06 -0.97 0.10	36.92 -0.99 0.20	36.64 -1.16 0.88	37.44 -1.22 0.83	30.65 -0.41 -1.84	35.34 -0.46 -2.64	35.62 -0.17 -2.28	33.57 0.31 -1.98	36.09 0.59 -0.72	33.95 0.62 -0.88	36.51 0.54 0.00	34.37 0.27 0.03	31.31 0.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.28 -0.52 0.00	27.37 -0.56 0.00	25.53 -0.70 -0.22	24.67 -1.29 -0.09	24.78 -1.17 -0.05	25.86 -0.42 -0.24	28.02 -1.15 -0.42	31.48 -1.54 -0.28	33.04 -1.79 -0.34	34.37 -1.88 -0.73	35.59 -1.03 0.03	35.97 -1.04 0.12	36.89 -0.99 0.24	36.40 -1.24 1.04	37.09 -1.42 0.97	30.51 -0.38 -1.67	35.03 -0.56 -2.43	35.14 -0.47 -2.10	33.04 -0.06 -1.83	35.47 0.03 -0.66	33.30 0.03 -0.81	35.72 -0.25 0.00	33.51 -0.58 0.03	30.94 0.06 0.00
SAWYER___23_KV_LOAD 55526	30.28 -0.52 0.00	27.37 -0.56 0.00	25.53 -0.70 -0.22	24.67 -1.29 -0.09	24.78 -1.17 -0.05	25.86 -0.42 -0.24	28.02 -1.15 -0.42	31.48 -1.54 -0.28	33.04 -1.79 -0.34	34.37 -1.88 -0.73	35.59 -1.03 0.03	35.97 -1.04 0.12	36.89 -0.99 0.24	36.40 -1.24 1.04	37.09 -1.42 0.97	30.51 -0.38 -1.67	35.03 -0.56 -2.43	35.14 -0.47 -2.10	33.04 -0.06 -1.83	35.47 0.03 -0.66	33.30 0.03 -0.81	35.72 -0.25 0.00	33.51 -0.58 0.03	30.94 0.06 0.00
SELKIRK___I 23801	32.37 1.57 0.00	29.38 1.45 0.00	29.82 1.35 -2.46	28.17 1.29 -1.00	27.72 1.29 -0.52	30.03 1.35 -2.64	34.70 1.38 -4.56	37.69 1.51 -3.44	40.23 1.55 -4.19	45.66 1.56 -8.58	38.22 1.57 0.00	38.73 1.60 0.00	39.79 1.68 0.00	40.38 1.70 0.00	41.19 1.70 0.00	49.47 1.34 -18.91	61.80 1.49 -27.14	58.43 1.47 -23.45	53.04 1.37 -20.39	43.71 1.57 -7.37	42.93 1.43 -9.04	37.48 1.51 0.00	35.59 1.47 0.00	32.30 1.42 0.00
SELKIRK___II 23799	32.16 1.35 0.00	29.18 1.26 0.00	29.74 1.17 -2.56	28.06 1.14 -1.04	27.58 1.14 -0.54	29.97 1.17 -2.76	34.69 1.18 -4.75	37.64 1.31 -3.59	40.20 1.34 -4.37	45.82 1.35 -8.95	38.04 1.39 0.00	38.54 1.41 0.00	39.60 1.48 0.00	40.19 1.51 0.00	41.03 1.54 0.00	50.17 1.23 -19.73	62.83 1.36 -28.31	59.34 1.37 -24.46	53.80 1.25 -21.27	43.86 1.39 -7.68	43.16 1.26 -9.43	37.26 1.29 0.00	35.42 1.30 0.00	32.12 1.24 0.00
SENECA OSWGO___HYD 24041	30.19 -0.62 0.00	27.37 -0.56 0.00	25.44 -0.57 0.00	25.21 -0.67 0.00	25.26 -0.65 0.00	25.52 -0.52 0.00	28.17 -0.61 -0.01	31.98 -0.79 -0.02	33.65 -0.86 -0.02	34.72 -0.82 -0.02	35.93 -0.73 -0.02	36.49 -0.74 -0.10	37.54 -0.76 -0.19	38.74 -0.77 -0.83	39.40 -0.87 -0.78	28.75 -0.47 0.00	32.63 -0.53 0.00	33.00 -0.50 0.00	30.84 -0.44 0.00	34.33 -0.45 0.00	32.04 -0.42 0.00	35.39 -0.58 0.00	33.54 -0.61 -0.03	30.33 -0.55 0.00
SENECA___115KV_TB3 355854	30.59 -0.22 0.00	27.65 -0.28 0.00	25.80 -0.44 -0.23	24.94 -1.04 -0.09	25.07 -0.88 -0.05	26.13 -0.16 -0.25	28.33 -0.86 -0.44	31.73 -1.31 -0.29	33.48 -1.38 -0.36	34.69 -1.60 -0.77	35.92 -0.70 0.03	36.27 -0.74 0.12	37.16 -0.72 0.23	36.80 -0.89 0.99	37.41 -1.15 0.93	31.01 0.03 -1.76	35.61 -0.10 -2.55	35.71 0.00 -2.20	33.57 0.38 -1.92	35.99 0.52 -0.69	33.76 0.45 -0.85	36.19 0.22 0.00	33.92 -0.17 0.03	31.28 0.40 0.00
SENECA___ENERGY 23797	30.62 -0.18 0.00	27.76 -0.17 0.00	25.92 -0.26 -0.17	25.46 -0.49 -0.07	25.53 -0.42 -0.04	26.12 -0.10 -0.18	28.82 -0.26 -0.33	33.15 0.16 -0.24	34.82 0.03 -0.29	36.12 0.00 -0.60	36.86 0.22 0.00	37.39 0.26 0.00	38.27 0.15 0.00	38.80 0.12 0.00	39.49 0.00 0.00	30.98 0.44 -1.32	35.06 0.00 -1.90	35.24 0.10 -1.64	32.98 0.28 -1.42	35.57 0.28 -0.51	33.42 0.32 -0.63	36.15 0.18 0.00	34.12 0.00 0.01	30.97 0.09 0.00
SHOEMAKER___GT 23640	32.31 1.51 0.00	29.29 1.37 0.00	28.52 1.30 -1.21	27.61 1.24 -0.49	27.38 1.22 -0.25	28.61 1.28 -1.30	32.54 1.49 -2.29	36.07 1.64 -1.69	38.31 1.76 -2.06	41.51 1.78 -4.22	38.47 1.83 0.00	39.02 1.89 0.00	40.13 2.02 0.00	40.81 2.13 0.00	41.74 2.25 0.00	40.35 1.84 -9.29	48.68 2.19 -13.34	47.18 2.15 -11.52	43.27 1.97 -10.02	40.45 2.05 -3.62	38.75 1.85 -4.44	37.73 1.76 0.00	35.86 1.74 0.00	32.45 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	32.31 1.51 0.00	29.27 1.34 0.00	28.48 1.27 -1.20	27.58 1.22 -0.49	27.35 1.19 -0.25	28.57 1.25 -1.29	32.49 1.47 -2.27	35.99 1.57 -1.68	38.26 1.72 -2.04	41.51 1.81 -4.18	38.48 1.83 0.00	39.03 1.89 0.00	40.13 2.02 0.00	40.85 2.17 0.00	41.78 2.29 0.00	40.27 1.84 -9.22	48.61 2.22 -13.22	47.11 2.18 -11.43	43.18 1.97 -9.93	40.39 2.02 -3.59	38.72 1.85 -4.41	37.70 1.73 0.00	35.86 1.74 0.00	32.42 1.54 0.00
SHOREHAM_IC_1 23715	51.39 3.63 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	32.03 2.95 -3.20	30.24 2.93 -1.41	38.94 3.02 -9.89	37.55 3.45 -5.34	46.84 4.03 -10.07	47.72 4.48 -8.75	45.01 4.40 -5.09	46.33 4.47 -5.22	49.03 4.57 -7.33	51.71 4.65 -8.95	58.03 4.91 -14.44	67.30 5.25 -22.56	65.96 4.06 -32.68	87.96 4.74 -50.05	84.63 4.66 -46.47	90.14 4.29 -54.57	72.01 4.73 -32.50	56.40 4.35 -19.59	50.64 4.42 -10.25	48.90 4.30 -10.48	43.26 3.95 -8.43
SHOREHAM_IC_2 23716	51.39 3.63 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	32.03 2.95 -3.20	30.24 2.93 -1.41	38.94 3.02 -9.89	37.55 3.45 -5.34	46.84 4.03 -10.07	47.72 4.48 -8.75	45.01 4.40 -5.09	46.33 4.47 -5.22	49.03 4.57 -7.33	51.71 4.65 -8.95	58.03 4.91 -14.44	67.30 5.25 -22.56	65.96 4.06 -32.68	87.96 4.74 -50.05	84.63 4.66 -46.47	90.14 4.29 -54.57	72.01 4.73 -32.50	56.40 4.35 -19.59	50.64 4.42 -10.25	48.90 4.30 -10.48	43.26 3.95 -8.43
SISSONVILLE___ 23735	30.65 -0.15 0.00	27.81 -0.11 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.93 0.03 0.00	25.85 -0.18 0.00	28.61 -0.14 0.00	32.58 -0.16 0.00	34.39 -0.10 0.00	35.27 -0.25 0.00	36.31 -0.33 0.00	36.76 -0.37 0.00	37.58 -0.53 0.00	37.79 -0.89 0.00	38.23 -1.26 0.00	27.93 -1.29 0.00	31.70 -1.46 0.00	32.10 -1.41 0.00	29.96 -1.31 0.00	33.53 -1.25 0.00	31.36 -1.10 0.00	35.36 -0.61 0.00	33.92 -0.20 0.00	30.60 -0.28 0.00

SITHE_IND_GS1 24169	29.82 -0.99 0.00	27.03 -0.89 0.00	25.13 -0.88 0.00	24.92 -0.96 0.00	24.97 -0.93 0.00	25.20 -0.83 0.00	27.79 -0.98 -0.01	31.42 -1.11 0.21	33.09 -1.21 0.19	34.10 -1.21 0.21	35.26 -1.17 0.21	35.05 -1.19 0.89	35.15 -1.22 1.74	29.75 -1.24 7.69	30.97 -1.30 7.22	28.34 -0.88 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.81 -0.97 0.00	31.55 -0.91 0.00	34.89 -1.08 0.00	32.79 -1.09 0.24	29.92 -0.96 0.00
SITHE_IND_GS2 24170	29.82 -0.99 0.00	27.03 -0.89 0.00	25.13 -0.88 0.00	24.92 -0.96 0.00	24.97 -0.93 0.00	25.20 -0.83 0.00	27.79 -0.98 -0.01	31.42 -1.11 0.21	33.09 -1.21 0.19	34.10 -1.21 0.21	35.26 -1.17 0.21	35.05 -1.19 0.89	35.15 -1.22 1.74	29.75 -1.24 7.69	30.97 -1.30 7.22	28.34 -0.88 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.81 -0.97 0.00	31.55 -0.91 0.00	34.89 -1.08 0.00	32.79 -1.09 0.24	29.92 -0.96 0.00
SITHE_IND_GS3 24171	29.82 -0.99 0.00	27.03 -0.89 0.00	25.13 -0.88 0.00	24.92 -0.96 0.00	24.97 -0.93 0.00	25.20 -0.83 0.00	27.79 -0.98 -0.01	31.42 -1.11 0.21	33.09 -1.21 0.19	34.10 -1.21 0.21	35.26 -1.17 0.21	35.05 -1.19 0.89	35.15 -1.22 1.74	29.75 -1.24 7.69	30.97 -1.30 7.22	28.34 -0.88 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.81 -0.97 0.00	31.55 -0.91 0.00	34.89 -1.08 0.00	32.79 -1.09 0.24	29.92 -0.96 0.00
SITHE_IND_GS4 24172	29.82 -0.99 0.00	27.03 -0.89 0.00	25.13 -0.88 0.00	24.92 -0.96 0.00	24.97 -0.93 0.00	25.20 -0.83 0.00	27.79 -0.98 -0.01	31.42 -1.11 0.21	33.09 -1.21 0.19	34.10 -1.21 0.21	35.26 -1.17 0.21	35.05 -1.19 0.89	35.15 -1.22 1.74	29.75 -1.24 7.69	30.97 -1.30 7.22	28.34 -0.88 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.40 -0.88 0.00	33.81 -0.97 0.00	31.55 -0.91 0.00	34.89 -1.08 0.00	32.79 -1.09 0.24	29.92 -0.96 0.00
SITHE___BATAVIA 24024	30.68 -0.12 0.00	27.84 -0.08 0.00	25.94 -0.26 -0.19	25.13 -0.83 -0.08	25.25 -0.70 -0.04	26.27 0.03 -0.20	28.63 -0.49 -0.36	32.26 -0.72 -0.23	33.68 -1.11 -0.29	35.15 -0.99 -0.63	36.39 -0.22 0.03	36.89 -0.11 0.13	37.59 -0.26 0.26	36.93 -0.62 1.13	37.80 -0.63 1.06	30.64 -0.03 -1.46	35.19 -0.07 -2.09	35.31 0.00 -1.81	33.23 0.38 -1.57	35.94 0.59 -0.57	33.71 0.55 -0.70	36.37 0.40 0.00	34.23 0.14 0.03	31.44 0.56 0.00
SITHE___INDEPEND 23800	29.82 -0.99 0.00	27.03 -0.89 0.00	25.13 -0.88 0.00	24.92 -0.96 0.00	24.97 -0.93 0.00	25.20 -0.83 0.00	27.79 -0.98 -0.01	31.45 -1.08 0.21	33.10 -1.21 0.19	34.10 -1.21 0.21	35.26 -1.17 0.21	35.05 -1.19 0.89	35.19 -1.18 1.74	29.79 -1.20 7.69	30.97 -1.30 7.22	28.34 -0.88 0.00	32.13 -1.03 0.00	32.50 -1.01 0.00	30.37 -0.91 0.00	33.81 -0.97 0.00	31.55 -0.91 0.00	34.89 -1.08 0.00	32.76 -1.13 0.24	29.92 -0.96 0.00
SITHE___MASSENA 23902	30.68 -0.12 0.00	27.81 -0.11 0.00	25.98 -0.03 0.00	25.96 0.08 0.00	25.96 0.05 0.00	25.91 -0.13 0.00	28.64 -0.11 0.00	32.58 -0.16 0.00	34.36 -0.14 0.00	35.38 -0.14 0.00	36.35 -0.29 0.00	36.72 -0.41 0.00	37.62 -0.50 0.00	38.06 -0.62 0.00	38.74 -0.75 0.00	28.40 -0.82 0.00	32.23 -0.93 0.00	32.63 -0.87 0.00	30.43 -0.84 0.00	33.98 -0.80 0.00	31.74 -0.71 0.00	35.50 -0.47 0.00	33.92 -0.20 0.00	30.67 -0.21 0.00
SITHE___OGDNSBRG 24021	31.02 0.22 0.00	28.15 0.22 0.00	26.27 0.26 0.00	26.27 0.39 0.00	26.27 0.36 0.00	26.11 0.08 0.00	28.96 0.20 0.00	32.97 0.23 0.00	34.80 0.31 0.00	35.73 0.21 0.00	36.75 0.11 0.00	37.24 0.11 0.00	38.11 0.00 0.00	38.41 -0.27 0.00	39.02 -0.47 0.00	28.51 -0.70 0.00	32.33 -0.83 0.00	32.77 -0.74 0.00	30.62 -0.66 0.00	34.26 -0.52 0.00	32.00 -0.45 0.00	35.94 -0.04 0.00	34.30 0.17 0.00	30.91 0.03 0.00
SITHE___STERLING 23777	31.48 0.68 0.00	28.54 0.61 0.00	26.53 0.52 0.00	26.32 0.44 0.00	26.37 0.47 0.00	26.53 0.49 0.00	29.34 0.57 -0.01	33.59 0.85 0.01	35.31 0.83 0.01	36.50 0.99 0.01	37.74 1.10 0.01	38.22 1.11 0.03	39.24 1.18 0.05	39.64 1.20 0.24	40.21 0.95 0.22	30.03 0.82 0.00	34.09 0.93 0.00	34.54 1.04 0.00	32.34 1.06 0.00	35.96 1.18 0.00	33.53 1.07 0.00	37.02 1.04 0.00	34.90 0.79 0.01	31.53 0.65 0.00
SLEIGHT___34_KV_TB1 80719	31.30 0.49 0.00	28.34 0.42 0.00	26.43 0.26 -0.16	26.00 0.05 -0.06	26.07 0.13 -0.03	26.62 0.42 -0.17	29.43 0.37 -0.30	33.54 0.59 -0.21	35.33 0.59 -0.26	36.80 0.75 -0.53	37.66 1.03 0.01	38.08 1.00 0.05	39.05 1.03 0.09	39.36 1.08 0.40	39.90 0.79 0.38	31.24 0.82 -1.21	35.79 0.86 -1.77	35.97 0.94 -1.53	33.57 0.97 -1.33	36.37 1.11 -0.48	34.05 1.01 -0.59	36.94 0.97 0.00	34.79 0.68 0.01	31.56 0.68 0.00
SOUTH CAIRO___GT 23612	33.08 2.28 0.00	30.16 2.23 0.00	30.23 1.90 -2.32	28.71 1.89 -0.94	28.28 1.89 -0.49	30.54 2.00 -2.50	35.23 2.16 -4.31	38.28 2.29 -3.25	40.89 2.45 -3.95	46.00 2.38 -8.10	39.10 2.46 0.00	39.54 2.41 0.00	40.55 2.44 0.00	41.12 2.44 0.00	41.86 2.37 0.00	48.73 1.66 -17.85	60.74 1.96 -25.63	57.73 2.08 -22.14	52.59 2.06 -19.25	44.13 2.40 -6.95	43.21 2.21 -8.54	38.49 2.52 0.00	36.48 2.35 0.00	33.11 2.22 0.00
SOUTH HAMPTN___IC 23720	51.95 4.19 -16.96	41.41 3.77 -9.72	34.52 3.54 -4.98	32.49 3.42 -3.20	30.71 3.39 -1.41	39.41 3.49 -9.89	38.09 4.00 -5.34	47.46 4.65 -10.07	48.45 5.21 -8.75	45.72 5.12 -5.09	47.14 5.28 -5.22	49.89 5.42 -7.33	52.58 5.52 -8.95	58.92 5.80 -14.44	68.29 6.24 -22.56	66.75 4.85 -32.68	88.13 5.61 -49.36	85.50 5.53 -46.47	90.19 5.10 -53.82	72.26 5.60 -31.88	57.14 5.10 -19.59	51.43 5.21 -10.25	49.52 5.02 -10.38	43.85 4.54 -8.42
SOUTHDOW_115KV_TB1 355954	31.30 0.49 0.00	28.26 0.34 0.00	26.42 0.16 -0.25	25.57 -0.41 -0.10	25.75 -0.21 -0.05	26.83 0.52 -0.27	29.18 -0.06 -0.48	32.77 -0.29 -0.32	35.38 0.48 -0.40	36.47 0.11 -0.85	37.61 0.99 0.03	37.69 0.67 0.11	38.63 0.72 0.21	38.12 0.35 0.90	38.60 -0.04 0.85	32.24 1.08 -1.94	37.12 1.16 -2.80	36.77 0.87 -2.39	34.48 1.13 -2.08	36.82 1.29 -0.75	34.55 1.17 -0.92	37.16 1.19 0.00	34.81 0.72 0.03	32.02 1.14 0.00
SOUTHOLD_69_KV_BK 2 55809	52.69 4.93 -16.96	42.05 4.41 -9.72	35.15 4.16 -4.98	33.06 3.99 -3.20	31.30 3.99 -1.41	40.01 4.09 -9.89	38.73 4.63 -5.34	48.15 5.34 -10.07	49.35 6.11 -8.75	46.68 6.07 -5.09	48.13 6.27 -5.22	50.89 6.42 -7.33	53.61 6.56 -8.95	60.08 6.96 -14.44	69.44 7.38 -22.56	67.72 5.81 -32.69	89.16 6.63 -49.37	86.57 6.60 -46.47	91.14 6.04 -53.83	73.31 6.64 -31.89	58.12 6.07 -19.59	52.37 6.15 -10.25	48.91 5.87 -8.92	44.62 5.31 -8.42
SOUTHOLD___IC 23719	52.63 4.87 -16.96	42.03 4.38 -9.72	35.09 4.11 -4.98	33.06 3.98 -3.20	31.30 3.99 -1.41	40.01 4.09 -9.89	38.73 4.63 -5.34	48.21 5.40 -10.07	49.38 6.14 -8.75	46.65 6.04 -5.09	48.13 6.26 -5.22	50.89 6.42 -7.33	53.62 6.56 -8.95	60.00 6.88 -14.44	69.40 7.34 -22.56	67.60 5.70 -32.68	89.10 6.57 -49.37	86.51 6.53 -46.47	91.14 6.04 -53.83	73.28 6.61 -31.89	58.02 5.97 -19.59	52.33 6.12 -10.25	50.30 5.80 -10.38	44.56 5.25 -8.42

SPIERFLS_115KV_TB 1 80737	32.77 1.97 0.00	29.69 1.76 0.00	31.90 1.64 -4.25	29.16 1.55 -1.73	28.41 1.61 -0.90	32.30 1.69 -4.58	38.44 1.93 -7.75	40.89 2.19 -5.95	44.12 2.38 -7.25	52.83 2.45 -14.86	38.73 2.09 0.00	39.25 2.12 0.00	40.32 2.21 0.00	40.57 1.90 0.00	41.70 2.21 0.00	63.68 1.72 -32.74	82.06 1.92 -46.98	76.05 1.94 -40.60	68.64 2.06 -35.30	49.86 2.33 -12.75	50.55 2.43 -15.66	38.45 2.48 0.00	36.38 2.25 0.00	32.83 1.95 0.00
ST LAWRENCE____ 23600	30.25 -0.55 0.00	27.42 -0.50 0.00	25.59 -0.42 0.00	25.62 -0.26 0.00	25.59 -0.31 0.00	25.57 -0.47 0.00	28.27 -0.49 0.00	32.22 -0.53 0.00	33.98 -0.52 0.00	34.95 -0.57 0.00	35.91 -0.73 0.00	36.35 -0.78 0.00	37.24 -0.88 0.00	37.71 -0.97 0.00	38.46 -1.03 0.00	28.22 -0.99 0.00	32.03 -1.13 0.00	32.40 -1.10 0.00	30.21 -1.06 0.00	33.70 -1.08 0.00	31.49 -0.97 0.00	35.18 -0.79 0.00	33.47 -0.65 0.00	30.26 -0.62 0.00
STATE_CA_115KV_115_LB 55624	32.16 1.36 0.00	29.38 1.45 0.00	30.65 1.35 -3.28	28.54 1.32 -1.34	27.92 1.32 -0.69	30.93 1.35 -3.54	36.09 1.29 -6.04	38.78 1.44 -4.60	41.61 1.52 -5.60	48.53 1.53 -11.48	38.22 1.58 0.00	38.69 1.56 0.00	39.83 1.72 0.00	40.27 1.59 0.00	41.27 1.78 0.00	55.88 1.37 -25.30	71.02 1.56 -36.30	66.41 1.54 -31.37	59.92 1.38 -27.27	46.16 1.53 -9.85	45.95 1.40 -12.10	37.45 1.47 0.00	35.56 1.43 0.00	32.24 1.36 0.00
STATE_ST_34_KV_LOAD 55959	31.17 0.37 0.00	28.23 0.31 0.00	26.36 0.18 -0.17	26.00 0.05 -0.07	26.07 0.13 -0.04	26.50 0.29 -0.18	29.31 0.23 -0.32	33.38 0.39 -0.24	35.20 0.41 -0.30	36.34 0.21 -0.61	37.05 0.40 0.00	37.54 0.41 0.00	38.57 0.46 0.00	39.14 0.46 0.00	39.96 0.47 0.00	31.21 0.64 -1.35	35.61 0.56 -1.88	35.80 0.67 -1.63	33.38 0.69 -1.42	36.09 0.80 -0.51	33.83 0.75 -0.63	36.65 0.68 0.00	34.60 0.48 0.00	31.34 0.46 0.00
STATION 5_MISC_HYD 23604	30.50 -0.31 0.00	27.70 -0.22 0.00	25.81 -0.36 -0.16	25.17 -0.78 -0.07	25.24 -0.70 -0.03	26.03 -0.18 -0.17	28.60 -0.46 -0.30	32.28 -0.65 -0.19	33.84 -0.90 -0.24	35.33 -0.71 -0.52	36.39 -0.22 0.03	36.84 -0.15 0.14	37.68 -0.15 0.28	37.06 -0.39 1.23	38.06 -0.27 1.16	30.42 -0.03 -1.23	34.96 0.03 -1.76	35.03 0.00 -1.52	32.76 0.16 -1.33	35.50 0.25 -0.48	33.28 0.23 -0.59	36.04 0.07 0.00	34.12 0.03 0.04	31.04 0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.68 -0.12 0.00	27.76 -0.17 0.00	25.88 -0.29 -0.16	25.35 -0.60 -0.07	25.39 -0.54 -0.03	26.10 -0.10 -0.17	28.75 -0.32 -0.31	33.59 0.65 -0.19	35.25 0.52 -0.24	36.69 0.67 -0.50	37.80 1.17 0.02	38.27 1.23 0.08	39.29 1.33 0.16	39.29 1.32 0.70	39.98 1.15 0.66	31.48 1.11 -1.15	35.04 0.10 -1.78	35.18 0.13 -1.54	32.96 0.34 -1.34	35.65 0.38 -0.48	33.44 0.39 -0.59	36.26 0.29 0.00	34.13 0.03 0.03	31.07 0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.37 -0.43 0.00	27.48 -0.45 0.00	25.60 -0.57 -0.16	25.01 -0.93 -0.06	25.06 -0.88 -0.03	25.82 -0.39 -0.17	28.37 -0.69 -0.30	32.20 -0.72 -0.18	33.65 -1.07 -0.23	35.12 -0.89 -0.49	36.21 -0.40 0.03	36.62 -0.37 0.14	37.49 -0.34 0.28	37.02 -0.43 1.24	37.82 -0.51 1.16	30.21 -0.18 -1.17	34.65 -0.27 -1.76	34.79 -0.23 -1.52	32.57 -0.03 -1.32	35.29 0.03 -0.48	33.08 0.03 -0.59	35.86 -0.11 0.00	33.75 -0.34 0.04	30.82 -0.06 0.00
STA_56____34_KV_BUS2 355983	30.37 -0.43 0.00	27.48 -0.45 0.00	25.60 -0.57 -0.16	25.01 -0.93 -0.06	25.06 -0.88 -0.03	25.82 -0.39 -0.17	28.37 -0.69 -0.30	32.20 -0.72 -0.18	33.65 -1.07 -0.23	35.12 -0.89 -0.49	36.21 -0.40 0.03	36.62 -0.37 0.14	37.49 -0.34 0.28	37.02 -0.43 1.24	37.82 -0.51 1.16	30.21 -0.18 -1.17	34.65 -0.27 -1.76	34.79 -0.23 -1.52	32.57 -0.03 -1.32	35.29 0.03 -0.48	33.08 0.03 -0.59	35.86 -0.11 0.00	33.75 -0.34 0.04	30.82 -0.06 0.00
STA_67____115KV_BK2 355882	30.53 -0.28 0.00	27.62 -0.31 0.00	25.73 -0.44 -0.16	25.12 -0.83 -0.06	25.19 -0.75 -0.03	25.97 -0.23 -0.17	28.49 -0.58 -0.30	32.34 -0.59 -0.18	33.79 -0.93 -0.23	35.24 -0.78 -0.50	36.32 -0.29 0.03	36.73 -0.26 0.14	37.64 -0.19 0.28	37.14 -0.31 1.23	37.94 -0.39 1.15	30.34 -0.06 -1.18	34.72 -0.20 -1.76	34.86 -0.17 -1.52	32.69 0.09 -1.32	35.43 0.17 -0.48	33.21 0.16 -0.59	36.01 0.04 0.00	33.88 -0.20 0.04	30.97 0.09 0.00
STA_7____115KV_9TRANS 80674	30.74 -0.06 0.00	27.81 -0.11 0.00	25.91 -0.26 -0.16	25.30 -0.65 -0.07	25.34 -0.60 -0.03	26.16 -0.05 -0.17	28.69 -0.37 -0.30	32.57 -0.36 -0.18	34.03 -0.69 -0.23	35.49 -0.53 -0.50	36.61 0.00 0.03	37.03 0.04 0.14	37.95 0.11 0.28	37.45 0.00 1.23	38.26 -0.08 1.15	30.58 0.18 -1.19	35.02 0.10 -1.77	35.16 0.13 -1.53	32.98 0.38 -1.33	35.75 0.49 -0.48	33.50 0.45 -0.59	36.33 0.36 0.00	34.16 0.07 0.04	31.19 0.31 0.00
STA_82____115KV_TB1 80780	30.53 -0.28 0.00	27.65 -0.28 0.00	25.75 -0.42 -0.16	25.14 -0.80 -0.07	25.19 -0.75 -0.03	26.00 -0.21 -0.17	28.49 -0.58 -0.31	32.37 -0.56 -0.18	33.79 -0.93 -0.23	35.24 -0.78 -0.51	36.32 -0.29 0.03	36.77 -0.22 0.14	37.65 -0.19 0.28	37.16 -0.31 1.21	38.00 -0.36 1.14	30.35 -0.06 -1.19	34.77 -0.17 -1.78	34.91 -0.13 -1.54	32.74 0.13 -1.34	35.47 0.21 -0.48	33.25 0.19 -0.59	36.01 0.04 0.00	33.92 -0.17 0.04	30.97 0.09 0.00
STEEL____WIND 323596	30.43 -0.37 0.00	27.62 -0.31 0.00	25.77 -0.47 -0.23	24.91 -1.06 -0.09	25.05 -0.91 -0.05	26.10 -0.18 -0.25	28.24 -0.95 -0.43	31.96 -1.08 -0.29	33.38 -1.48 -0.37	34.69 -1.60 -0.77	35.81 -0.81 0.03	36.31 -0.71 0.12	36.97 -0.92 0.23	36.41 -1.28 1.00	37.33 -1.22 0.94	30.86 -0.12 -1.76	35.23 -0.46 -2.53	35.42 -0.27 -2.19	33.46 0.28 -1.90	35.85 0.38 -0.69	33.63 0.32 -0.84	36.04 0.07 0.00	33.69 -0.41 0.03	31.25 0.37 0.00
STEPHTWN_115KV_BK_2 55603	32.37 1.57 0.00	29.55 1.62 0.00	30.37 1.48 -2.88	28.50 1.45 -1.17	27.94 1.42 -0.61	30.67 1.54 -3.10	35.59 1.52 -5.31	38.47 1.70 -4.03	41.22 1.83 -4.90	47.42 1.85 -10.05	38.55 1.91 0.00	39.03 1.89 0.00	40.09 1.98 0.00	40.50 1.82 0.00	41.50 2.01 0.00	52.92 1.55 -22.15	66.68 1.72 -31.79	62.72 1.74 -27.47	56.76 1.60 -23.88	45.18 1.77 -8.63	44.68 1.62 -10.59	37.66 1.69 0.00	35.76 1.64 0.00	32.42 1.54 0.00
STEBEN_REC_LFGE 323667	31.39 0.59 0.00	28.37 0.45 0.00	26.58 0.26 -0.31	25.82 -0.18 -0.13	25.97 0.00 -0.07	26.92 0.55 -0.33	29.51 0.17 -0.58	33.04 -0.13 -0.42	34.94 -0.07 -0.52	36.28 -0.32 -1.08	36.96 0.33 0.01	37.37 0.30 0.06	38.30 0.30 0.12	38.45 0.31 0.54	38.95 -0.04 0.50	32.45 0.82 -2.42	37.28 0.70 -3.42	37.33 0.87 -2.95	35.03 1.19 -2.57	37.06 1.36 -0.93	34.93 1.33 -1.14	37.19 1.22 0.00	34.86 0.75 0.02	31.81 0.93 0.00
STONY____BROOK 24151	51.24 3.48 -16.96	40.77 3.13 -9.72	33.92 2.94 -4.98	31.90 2.82 -3.20	30.14 2.82 -1.41	38.81 2.89 -9.89	37.43 3.33 -5.34	46.67 3.86 -10.07	47.48 4.24 -8.75	44.80 4.19 -5.09	46.11 4.25 -5.22	48.81 4.34 -7.33	51.40 4.34 -8.95	57.60 4.48 -14.44	66.91 4.86 -22.56	65.73 3.83 -32.69	91.54 4.44 -53.93	84.37 4.39 -46.47	94.10 4.00 -58.82	75.03 4.28 -35.97	56.01 3.96 -19.59	50.32 4.10 -10.25	49.21 4.02 -11.06	43.07 3.77 -8.43

STURGEON_POOL_HYD 23609	32.53 1.72 0.00	29.41 1.48 0.00	28.87 1.30 -1.56	27.76 1.24 -0.63	27.43 1.19 -0.33	28.96 1.25 -1.68	33.28 1.58 -2.94	36.63 1.70 -2.18	39.05 1.90 -2.66	43.10 2.13 -5.45	38.81 2.16 0.00	39.40 2.27 0.00	40.48 2.36 0.00	41.27 2.59 0.00	42.10 2.61 0.00	43.26 2.05 -12.00	52.90 2.52 -17.22	50.83 2.45 -14.88	46.40 2.19 -12.94	41.68 2.23 -4.67	40.18 1.98 -5.74	37.91 1.94 0.00	36.14 2.01 0.00	32.64 1.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.40 1.60 0.00	29.35 1.42 0.00	28.60 1.35 -1.24	27.68 1.29 -0.51	27.46 1.30 -0.26	28.70 1.33 -1.34	32.69 1.58 -2.35	36.18 1.70 -1.74	38.51 1.90 -2.12	41.92 2.06 -4.34	38.73 2.09 0.00	39.32 2.19 0.00	40.40 2.29 0.00	41.19 2.51 0.00	42.06 2.57 0.00	40.85 2.07 -9.56	49.36 2.49 -13.72	47.77 2.41 -11.85	43.74 2.16 -10.30	40.69 2.19 -3.72	39.01 1.98 -4.57	37.84 1.87 0.00	36.00 1.88 0.00	32.55 1.67 0.00
SWANROAD_115KV_TB1 355699	29.63 -1.17 0.00	26.98 -0.95 0.00	25.00 -1.22 -0.21	24.13 -1.84 -0.08	24.24 -1.71 -0.04	25.32 -0.94 -0.23	27.43 -1.73 -0.40	30.87 -2.13 -0.26	32.23 -2.59 -0.32	33.62 -2.59 -0.69	34.82 -1.80 0.03	35.22 -1.78 0.12	36.12 -1.75 0.24	35.56 -2.05 1.07	36.23 -2.25 1.01	29.66 -1.14 -1.59	34.05 -1.43 -2.31	34.13 -1.37 -2.00	32.14 -0.88 -1.74	34.64 -0.77 -0.63	32.55 -0.68 -0.77	34.93 -1.04 0.00	32.80 -1.30 0.03	30.32 -0.56 0.00
SYNERGY___BIOGAS 323694	30.68 -0.12 0.00	27.84 -0.08 0.00	25.94 -0.26 -0.19	25.13 -0.83 -0.08	25.25 -0.70 -0.04	26.27 0.03 -0.20	28.63 -0.49 -0.36	32.26 -0.72 -0.23	33.68 -1.11 -0.29	35.15 -0.99 -0.63	36.39 -0.22 0.03	36.89 -0.11 0.13	37.59 -0.26 0.26	36.93 -0.62 1.13	37.80 -0.63 1.06	30.64 -0.03 -1.46	35.19 -0.07 -2.09	35.31 0.00 -1.81	33.23 0.38 -1.57	35.94 0.59 -0.57	33.71 0.55 -0.70	36.37 0.40 0.00	34.23 0.14 0.03	31.44 0.56 0.00
SYRACUSE___ENERGY_ST1 323597	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.11 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	30.68 -0.12 0.00	27.79 -0.14 0.00	25.96 -0.18 -0.13	25.62 -0.31 -0.05	25.67 -0.26 -0.03	26.02 -0.16 -0.14	28.77 -0.23 -0.24	32.73 -0.20 -0.18	34.44 -0.28 -0.22	35.76 -0.21 -0.45	36.50 -0.15 0.00	36.98 -0.15 0.00	38.00 -0.11 0.00	38.60 -0.08 0.00	39.25 -0.24 0.00	30.22 0.00 -1.00	34.55 -0.03 -1.43	34.74 0.00 -1.23	32.38 0.03 -1.07	35.24 0.07 -0.39	33.00 0.06 -0.48	35.94 -0.04 0.00	33.95 -0.17 0.00	30.76 -0.12 0.00
SYRACUSE___POWER 24017	30.59 -0.22 0.00	27.70 -0.22 0.00	25.88 -0.26 -0.13	25.55 -0.39 -0.05	25.60 -0.34 -0.03	25.97 -0.21 -0.14	28.73 -0.29 -0.26	32.66 -0.26 -0.18	34.40 -0.31 -0.22	35.69 -0.28 -0.46	36.45 -0.18 0.01	36.91 -0.19 0.04	37.89 -0.15 0.07	38.23 -0.15 0.30	38.93 -0.28 0.28	30.22 -0.03 -1.03	34.59 -0.07 -1.49	34.76 -0.03 -1.29	32.43 0.03 -1.12	35.22 0.03 -0.41	32.99 0.03 -0.50	35.86 -0.11 0.00	33.88 -0.24 0.01	30.70 -0.19 0.00
TALLMAN__138KV_BK151 55660	32.59 1.79 0.00	29.52 1.59 0.00	28.80 1.51 -1.29	27.88 1.48 -0.52	27.63 1.45 -0.27	28.90 1.48 -1.38	32.98 1.78 -2.44	36.51 1.96 -1.80	38.82 2.14 -2.19	42.32 2.31 -4.49	38.99 2.35 0.00	39.62 2.49 0.00	40.74 2.63 0.00	41.54 2.86 0.00	42.49 3.00 0.00	41.54 2.42 -9.90	50.25 2.88 -14.21	48.56 2.78 -12.28	44.42 2.47 -10.67	41.10 2.47 -3.86	39.43 2.24 -4.73	38.09 2.12 0.00	36.27 2.15 0.00	32.76 1.88 0.00
TEALLAVE_115KV_TB7 355573	30.46 -0.34 0.00	27.59 -0.34 0.00	25.65 -0.36 0.00	25.39 -0.49 0.00	25.46 -0.44 0.00	25.72 -0.31 0.00	28.37 -0.40 -0.02	32.31 -0.43 0.01	34.03 -0.45 0.01	35.08 -0.43 0.01	36.26 -0.37 0.01	36.71 -0.37 0.05	37.71 -0.30 0.09	37.95 -0.31 0.42	38.66 -0.43 0.39	29.04 -0.18 0.00	32.96 -0.20 0.00	33.34 -0.17 0.00	31.15 -0.13 0.00	34.68 -0.10 0.00	32.33 -0.13 0.00	35.72 -0.25 0.00	33.74 -0.38 0.01	30.57 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	30.37 -0.43 0.00	27.53 -0.39 0.00	25.58 -0.62 -0.20	24.74 -1.22 -0.08	24.86 -1.09 -0.04	25.91 -0.34 -0.21	28.13 -1.01 -0.37	31.71 -1.28 -0.24	33.17 -1.62 -0.30	34.57 -1.60 -0.65	35.81 -0.81 0.03	36.22 -0.78 0.13	37.10 -0.76 0.25	36.57 -1.01 1.10	37.23 -1.22 1.04	30.33 -0.38 -1.49	34.78 -0.56 -2.18	34.92 -0.47 -1.89	32.85 -0.06 -1.64	35.48 0.10 -0.59	33.32 0.13 -0.73	35.86 -0.11 0.00	33.65 -0.44 0.03	31.00 0.12 0.00
TEMPLE___115KV_TB 2 55572	30.50 -0.31 0.00	27.62 -0.31 0.00	25.67 -0.34 0.00	25.41 -0.47 0.00	25.49 -0.41 0.00	25.75 -0.29 0.00	28.40 -0.37 -0.02	32.34 -0.39 0.01	34.07 -0.41 0.01	35.11 -0.39 0.01	36.30 -0.33 0.01	36.74 -0.33 0.05	37.75 -0.27 0.10	37.98 -0.27 0.43	38.69 -0.39 0.40	29.07 -0.15 0.00	32.99 -0.17 0.00	33.34 -0.17 0.00	31.18 -0.09 0.00	34.68 -0.10 0.00	32.36 -0.10 0.00	35.72 -0.25 0.00	33.77 -0.34 0.01	30.60 -0.28 0.00
TIANA____69_KV_BK 1 55817	51.83 4.07 -16.96	41.24 3.60 -9.72	34.42 3.43 -4.98	32.34 3.26 -3.20	30.55 3.24 -1.41	39.25 3.33 -9.89	37.92 3.82 -5.34	47.17 4.35 -10.07	48.24 5.00 -8.75	45.58 4.97 -5.09	46.88 5.02 -5.22	49.63 5.16 -7.33	52.32 5.26 -8.95	58.73 5.61 -14.44	68.05 6.00 -22.56	66.61 4.70 -32.69	87.90 5.37 -49.37	85.27 5.29 -46.47	89.92 4.82 -53.83	72.02 5.36 -31.88	56.98 4.93 -19.59	51.18 4.96 -10.25	47.89 4.85 -8.92	43.69 4.39 -8.42
TILDEN___115KV_TB1 80814	30.59 -0.22 0.00	27.70 -0.22 0.00	25.88 -0.26 -0.13	25.55 -0.39 -0.05	25.60 -0.34 -0.03	25.97 -0.21 -0.14	28.73 -0.29 -0.26	32.66 -0.26 -0.18	34.40 -0.31 -0.22	35.69 -0.28 -0.46	36.45 -0.18 0.01	36.91 -0.19 0.04	37.89 -0.15 0.07	38.23 -0.15 0.30	38.93 -0.28 0.28	30.22 -0.03 -1.03	34.59 -0.07 -1.49	34.76 -0.03 -1.29	32.43 0.03 -1.12	35.22 0.03 -0.41	32.99 0.03 -0.50	35.86 -0.11 0.00	33.88 -0.24 0.01	30.70 -0.19 0.00
TRIGEN___CC 323695	50.29 2.53 -16.96	39.88 2.23 -9.72	33.12 2.13 -4.98	31.12 2.04 -3.20	29.33 2.02 -1.41	38.00 2.08 -9.89	36.49 2.39 -5.34	45.49 2.68 -10.07	46.17 2.93 -8.74	43.62 3.02 -5.09	44.87 3.00 -5.22	47.58 3.12 -7.33	50.34 3.28 -8.95	56.60 3.48 -14.44	65.72 3.67 -22.56	64.79 2.89 -32.68	69.54 3.42 -32.97	83.28 3.32 -46.46	70.12 2.97 -35.88	55.06 3.10 -17.19	54.93 2.89 -19.58	49.06 2.84 -10.25	44.95 2.90 -7.92	41.92 2.62 -8.42
TRINITY__115KV__ 4 BK 55933	32.07 1.26 0.00	29.27 1.34 0.00	30.20 1.25 -2.94	28.32 1.24 -1.20	27.74 1.22 -0.62	30.48 1.28 -3.17	35.40 1.21 -5.43	38.21 1.34 -4.12	40.89 1.38 -5.02	47.19 1.39 -10.29	38.07 1.43 0.00	38.54 1.41 0.00	39.64 1.52 0.00	40.11 1.43 0.00	41.07 1.58 0.00	53.14 1.26 -22.67	67.12 1.43 -32.53	63.02 1.41 -28.11	56.97 1.25 -24.44	45.00 1.39 -8.83	44.56 1.27 -10.84	37.30 1.33 0.00	35.46 1.33 0.00	32.15 1.27 0.00

UNION___PROCESSING_DRP 323587	30.56 -0.25 0.00	27.65 -0.28 0.00	25.75 -0.42 -0.16	25.14 -0.80 -0.07	25.21 -0.73 -0.03	26.00 -0.21 -0.17	28.52 -0.55 -0.31	32.37 -0.56 -0.18	33.83 -0.90 -0.23	35.28 -0.75 -0.51	36.35 -0.26 0.03	36.77 -0.22 0.14	37.69 -0.15 0.27	37.20 -0.27 1.21	38.00 -0.36 1.14	30.38 -0.03 -0.19	34.77 -0.17 -1.78	34.91 -0.13 -1.54	32.74 0.13 -1.34	35.47 0.21 -0.48	33.25 0.19 -0.59	36.04 0.07 0.00	33.92 -0.17 0.04	30.97 0.09 0.00
UPPER HUDSON___HYD 24058	32.78 1.97 0.00	29.69 1.76 0.00	31.90 1.64 -4.25	29.16 1.55 -1.73	28.41 1.61 -0.90	32.30 1.69 -4.58	38.44 1.93 -7.75	40.92 2.23 -5.95	44.12 2.38 -7.24	52.82 2.45 -14.86	38.73 2.09 0.00	39.28 2.15 0.00	40.36 2.25 0.00	40.65 1.97 0.00	41.70 2.21 0.00	63.67 1.72 -32.73	82.06 1.92 -46.98	76.04 1.94 -40.60	68.60 2.03 -35.29	49.86 2.33 -12.75	50.55 2.44 -15.65	38.42 2.45 0.00	36.34 2.22 0.00	32.86 1.98 0.00
UPPER RAQUET___HYD 24056	30.68 -0.12 0.00	27.81 -0.11 0.00	25.93 -0.08 0.00	25.96 0.08 0.00	25.93 0.03 0.00	25.85 -0.18 0.00	28.61 -0.14 0.00	32.61 -0.13 0.00	34.39 -0.10 0.00	35.38 -0.14 0.00	36.31 -0.33 0.00	36.69 -0.44 0.00	37.58 -0.53 0.00	37.83 -0.85 0.00	38.23 -1.27 0.00	27.93 -1.28 0.00	31.70 -1.46 0.00	32.10 -1.41 0.00	29.96 -1.31 0.00	33.53 -1.25 0.00	31.35 -1.10 0.00	35.36 -0.61 0.00	33.89 -0.24 0.00	30.60 -0.28 0.00
VALLEY44_115KV_TB2 355964	30.59 -0.22 0.00	27.67 -0.25 0.00	25.85 -0.42 -0.26	25.05 -0.93 -0.11	25.21 -0.75 -0.05	26.21 -0.10 -0.28	28.47 -0.78 -0.49	31.38 -1.70 -0.34	33.85 -1.07 -0.42	34.52 -1.88 -0.89	35.67 -0.95 0.02	35.92 -1.11 0.10	36.69 -1.22 0.20	36.64 -1.16 0.88	37.28 -1.38 0.83	31.66 0.44 -2.00	36.41 0.36 -2.89	36.46 0.47 -2.49	34.16 0.72 -2.16	36.26 0.70 -0.78	34.00 0.58 -0.96	36.37 0.40 0.00	34.03 -0.07 0.03	31.28 0.40 0.00
VALLEY___115KV_TB 1-4 80826	31.11 0.31 0.00	28.23 0.31 0.00	26.27 0.26 0.00	26.14 0.26 0.00	26.16 0.26 0.00	26.30 0.26 0.00	29.07 0.32 0.00	33.14 0.39 0.00	34.94 0.45 0.00	36.19 0.67 0.00	37.34 0.70 0.00	37.84 0.71 0.00	38.84 2.32 0.00	39.38 0.70 0.00	39.85 0.36 0.00	29.48 0.26 0.00	33.43 0.27 0.00	33.81 0.30 0.00	31.56 0.28 0.00	35.13 0.35 0.00	32.78 0.32 0.00	36.29 0.32 0.00	34.40 0.27 0.00	31.13 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.59 1.79 0.00	29.55 1.62 0.00	28.47 1.46 -1.00	27.66 1.37 -0.41	27.52 1.40 -0.21	28.55 1.43 -1.08	32.27 1.67 -1.85	36.18 2.03 -1.41	38.38 2.17 -1.71	41.23 2.20 -3.51	38.92 2.27 0.00	39.43 2.30 0.00	40.44 2.32 0.00	41.12 2.44 0.00	41.90 2.41 0.00	38.97 2.02 -7.74	46.55 2.29 -11.10	45.38 2.28 -9.59	41.78 2.16 -8.34	40.19 2.40 -3.01	38.37 2.21 -3.70	38.09 2.12 0.00	36.00 1.88 0.00	32.58 1.70 0.00
VISCHER___FERRY HYD 24020	32.56 1.75 0.00	29.52 1.59 0.00	31.24 1.48 -3.74	28.83 1.42 -1.53	28.15 1.45 -0.79	31.58 1.51 -4.03	37.28 1.67 -6.85	39.85 1.87 -5.24	42.80 1.93 -6.38	50.59 1.99 -13.08	38.66 2.01 0.00	39.17 2.04 0.00	40.25 2.13 0.00	40.84 2.16 0.00	41.74 2.25 0.00	59.80 1.75 -28.83	76.53 1.99 -41.38	71.24 1.98 -35.76	64.24 1.88 -31.09	48.06 2.05 -11.23	48.16 1.91 -13.79	37.91 1.94 0.00	36.00 1.88 0.00	32.64 1.76 0.00
V_A_10_SYNC_DSASP 323832	30.03 -0.77 0.00	27.17 -0.75 0.00	25.33 -0.86 -0.18	24.58 -1.37 -0.07	24.67 -1.27 -0.04	25.63 -0.60 -0.20	27.92 -1.18 -0.35	31.65 -1.31 -0.22	32.90 -1.86 -0.27	34.44 -1.67 -0.59	35.58 -1.03 0.03	36.03 -0.97 0.14	36.97 -0.88 0.27	36.40 -1.08 1.19	37.15 -1.22 1.12	29.97 -0.61 -1.37	34.34 -0.83 -2.01	34.47 -0.77 -1.74	32.41 -0.38 -1.51	34.98 -0.35 -0.55	32.84 -0.29 -0.67	35.40 -0.58 0.00	33.27 -0.82 0.04	30.60 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	30.37 -0.43 0.00	27.53 -0.39 0.00	25.70 -0.31 0.00	25.70 -0.18 0.00	25.70 -0.21 0.00	25.65 -0.39 0.00	28.35 -0.40 0.00	32.32 -0.43 0.00	34.11 -0.38 0.00	35.09 -0.42 0.00	36.09 -0.55 0.00	36.50 -0.63 0.00	37.39 -0.73 0.00	37.87 -0.81 0.00	38.62 -0.87 0.00	28.31 -0.91 0.00	32.17 -0.99 0.00	32.53 -0.97 0.00	30.34 -0.94 0.00	33.84 -0.94 0.00	31.61 -0.84 0.00	35.32 -0.65 0.00	33.61 -0.51 0.00	30.36 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	30.93 0.12 0.00	28.01 0.08 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.22 0.31 0.00	26.22 0.18 0.00	29.07 0.32 0.00	33.24 0.49 0.00	35.11 0.62 0.00	35.45 -0.07 0.00	36.42 -0.22 0.00	36.43 -0.71 0.00	37.12 -0.99 0.00	37.48 -1.20 0.00	38.34 -1.15 0.00	28.43 -0.79 0.00	32.27 -0.89 0.00	32.60 -0.90 0.00	30.40 -0.88 0.00	34.01 -0.77 0.00	32.27 -0.19 0.00	35.94 -0.04 0.00	34.12 0.00 0.00	30.82 -0.06 0.00
V_E_10_SYNC_DSASP 323830	32.96 2.16 0.00	29.88 1.95 0.00	28.26 1.69 -0.56	27.66 1.55 -0.23	27.68 1.66 -0.12	28.35 1.72 -0.60	31.72 1.93 -1.04	36.04 2.52 -0.78	37.89 2.45 -0.95	40.05 2.59 -1.95	39.35 2.71 0.01	39.82 2.71 0.03	40.77 2.71 0.05	41.25 2.79 0.22	41.54 2.25 0.21	35.56 2.04 -4.30	41.62 2.29 -6.17	41.38 2.55 -5.33	38.67 2.75 -4.64	39.69 3.24 -1.67	37.53 3.02 -2.06	38.96 2.98 0.00	36.44 2.32 0.01	32.98 2.10 0.00
V_F_30_NSYNC___DSASP 323816	32.90 2.10 0.00	29.83 1.90 0.00	31.94 1.74 -4.19	29.27 1.68 -1.71	28.50 1.71 -0.89	32.34 1.80 -4.51	38.39 1.98 -7.65	40.87 2.26 -5.86	44.01 2.38 -7.14	52.61 2.45 -14.64	38.99 2.35 0.00	39.54 2.41 0.00	40.63 2.51 0.00	41.19 2.51 0.00	42.14 2.65 0.00	63.55 2.07 -32.26	81.78 2.32 -46.30	75.86 2.34 -40.01	68.32 2.25 -34.79	49.88 2.54 -12.57	50.29 2.40 -15.43	38.45 2.48 0.00	36.41 2.29 0.00	32.95 2.07 0.00
V_F_30_SYNC_DSASP 323786	32.13 1.32 0.00	29.38 1.45 0.00	30.59 1.33 -3.26	28.53 1.32 -1.33	27.91 1.32 -0.69	30.90 1.35 -3.51	36.04 1.29 -5.99	38.74 1.44 -4.56	41.53 1.48 -5.55	48.43 1.53 -11.38	38.22 1.58 0.00	38.69 1.56 0.00	39.79 1.68 0.00	40.27 1.59 0.00	41.23 1.74 0.00	55.67 1.37 -25.08	70.71 1.56 -36.00	66.12 1.51 -31.10	59.70 1.38 -27.04	46.08 1.53 -9.77	45.85 1.40 -11.99	37.45 1.47 0.00	35.56 1.43 0.00	32.21 1.33 0.00
V_XM_10_SYNC_DSASP 323789	30.93 0.12 0.00	28.01 0.08 0.00	26.19 0.18 0.00	26.19 0.31 0.00	26.22 0.31 0.00	26.22 0.18 0.00	29.07 0.32 0.00	33.24 0.49 0.00	35.11 0.62 0.00	35.45 -0.07 0.00	36.42 -0.22 0.00	36.43 -0.71 0.00	37.12 -0.99 0.00	37.48 -1.20 0.00	38.34 -1.15 0.00	28.43 -0.79 0.00	32.27 -0.89 0.00	32.60 -0.90 0.00	30.40 -0.88 0.00	34.01 -0.77 0.00	32.27 -0.19 0.00	35.94 -0.04 0.00	34.12 0.00 0.00	30.82 -0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.71 1.91 0.00	29.60 1.68 0.00	28.92 1.61 -1.30	27.96 1.55 -0.53	27.71 1.53 -0.27	29.02 1.59 -1.39	33.11 1.90 -2.46	36.62 2.06 -1.81	38.98 2.28 -2.21	42.50 2.45 -4.53	39.14 2.49 0.00	39.77 2.64 0.00	40.86 2.74 0.00	41.66 2.98 0.00	42.61 3.12 0.00	41.71 2.51 -9.98	50.46 2.98 -14.31	48.79 2.91 -12.37	44.60 2.56 -10.75	41.27 2.61 -3.88	39.60 2.37 -4.77	38.24 2.27 0.00	36.38 2.25 0.00	32.89 2.01 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.84 2.03 0.00	29.71 1.79 0.00	29.08 1.72 -1.36	28.11 1.68 -0.55	27.85 1.66 -0.29	29.19 1.69 -1.46	33.37 2.04 -2.57	36.90 2.26 -1.90	39.25 2.45 -2.31	42.92 2.66 -4.74	39.25 2.60 0.00	39.88 2.75 0.00	41.01 2.90 0.00	41.85 3.17 0.00	42.85 3.36 0.00	42.32 2.66 -10.44	51.32 3.18 -14.98	49.50 3.05 -12.94	45.19 2.66 -11.25	41.56 2.71 -4.07	39.95 2.50 -4.99	38.27 2.30 0.00	36.55 2.42 0.00	33.01 2.13 0.00
W50THST__13_KV_LOAD 356117	32.96 2.16 0.00	29.82 1.90 0.00	29.21 1.85 -1.36	28.22 1.79 -0.55	27.95 1.76 -0.29	29.29 1.80 -1.46	33.52 2.19 -2.57	37.10 2.46 -1.90	39.46 2.66 -2.31	43.13 2.88 -4.74	39.50 2.86 0.00	40.10 2.97 0.00	41.28 3.16 0.00	42.12 3.44 0.00	43.12 3.63 0.00	42.52 2.86 -10.44	51.59 3.45 -14.98	49.70 3.25 -12.94	45.38 2.85 -11.25	41.77 2.92 -4.07	40.11 2.66 -4.99	38.45 2.48 0.00	36.72 2.59 0.00	33.17 2.29 0.00
WADING RIVER_IC_1 23522	51.42 3.66 -16.96	40.93 3.29 -9.72	34.08 3.09 -4.98	32.05 2.97 -3.20	30.29 2.98 -1.41	38.97 3.04 -9.89	37.61 3.51 -5.34	46.87 4.06 -10.07	47.76 4.52 -8.75	45.01 4.40 -5.09	46.37 4.51 -5.22	49.07 4.60 -7.33	51.75 4.69 -8.95	58.07 4.95 -14.44	67.38 5.33 -22.56	65.99 4.09 -32.68	87.23 4.74 -49.33	84.63 4.66 -46.47	89.34 4.29 -53.78	71.39 4.77 -31.85	56.43 4.38 -19.59	50.68 4.46 -10.25	48.83 4.33 -10.37	43.29 3.99 -8.42
WADING RIVER_IC_2 23547	51.42 3.66 -16.96	40.93 3.29 -9.72	34.08 3.09 -4.98	32.05 2.97 -3.20	30.29 2.98 -1.41	38.97 3.04 -9.89	37.61 3.51 -5.34	46.87 4.06 -10.07	47.76 4.52 -8.75	45.01 4.40 -5.09	46.37 4.51 -5.22	49.07 4.60 -7.33	51.75 4.69 -8.95	58.07 4.95 -14.44	67.38 5.33 -22.56	65.99 4.09 -32.68	87.23 4.74 -49.33	84.63 4.66 -46.47	89.34 4.29 -53.78	71.39 4.77 -31.85	56.43 4.38 -19.59	50.68 4.46 -10.25	48.83 4.33 -10.37	43.29 3.99 -8.42
WADING RIVER_IC_3 23601	51.42 3.66 -16.96	40.93 3.29 -9.72	34.08 3.09 -4.98	32.05 2.97 -3.20	30.29 2.98 -1.41	38.97 3.04 -9.89	37.61 3.51 -5.34	46.87 4.06 -10.07	47.76 4.52 -8.75	45.01 4.40 -5.09	46.37 4.51 -5.22	49.07 4.60 -7.33	51.75 4.69 -8.95	58.07 4.95 -14.44	67.38 5.33 -22.56	65.99 4.09 -32.68	87.23 4.74 -49.33	84.63 4.66 -46.47	89.34 4.29 -53.78	71.39 4.77 -31.85	56.43 4.38 -19.59	50.68 4.46 -10.25	48.83 4.33 -10.37	43.29 3.99 -8.42
WALDENNY_12_KV_BK2 80841	30.53 -0.28 0.00	27.62 -0.31 0.00	25.74 -0.49 -0.23	24.86 -1.11 -0.09	25.02 -0.93 -0.05	26.07 -0.21 -0.25	28.27 -0.92 -0.43	31.69 -1.34 -0.29	33.40 -1.45 -0.36	34.65 -1.63 -0.76	35.88 -0.73 0.03	36.24 -0.78 0.12	37.16 -0.72 0.23	36.79 -0.89 1.00	37.40 -1.15 0.94	30.93 -0.03 -1.74	35.52 -0.17 -2.52	35.62 -0.07 -2.18	33.49 0.31 -1.90	35.92 0.45 -0.69	33.72 0.42 -0.84	36.12 0.14 0.00	33.85 -0.24 0.03	31.22 0.34 0.00
WALDEN__HYDRO 24148	32.68 1.88 0.00	29.63 1.70 0.00	28.94 1.61 -1.32	27.97 1.55 -0.54	27.71 1.53 -0.28	29.02 1.56 -1.42	33.10 1.84 -2.50	36.62 2.03 -1.85	38.92 2.17 -2.25	42.41 2.28 -4.61	38.95 2.31 0.00	39.54 2.41 0.00	40.63 2.51 0.00	41.39 2.71 0.00	42.29 2.80 0.00	41.69 2.31 -10.16	50.47 2.72 -14.59	48.82 2.71 -12.60	44.74 2.50 -10.96	41.38 2.64 -3.96	39.69 2.37 -4.86	38.28 2.30 0.00	36.34 2.22 0.00	32.89 2.01 0.00
WARRENSBURG____ 23737	32.78 1.97 0.00	29.69 1.76 0.00	31.90 1.64 -4.25	29.16 1.55 -1.73	28.41 1.61 -0.90	32.30 1.69 -4.58	38.44 1.93 -7.75	40.92 2.23 -5.95	44.12 2.38 -7.24	52.82 2.45 -14.86	38.73 2.09 0.00	39.28 2.15 0.00	40.36 2.25 0.00	40.65 1.97 0.00	41.70 2.21 0.00	63.67 1.72 -32.73	82.06 1.92 -46.98	76.04 1.94 -40.60	68.60 2.03 -35.29	49.86 2.33 -12.75	50.55 2.44 -15.65	38.42 2.45 0.00	36.34 2.22 0.00	32.86 1.98 0.00
WATERSIDE____6 8 9 23538	32.93 2.13 0.00	29.80 1.87 0.00	29.19 1.82 -1.36	28.16 1.73 -0.55	27.93 1.74 -0.29	29.19 1.69 -1.46	33.31 1.98 -2.57	36.87 2.23 -1.90	39.22 2.41 -2.31	42.81 2.56 -4.74	39.21 2.57 0.00	39.84 2.71 0.00	40.97 2.86 0.00	41.77 3.09 0.00	42.81 3.32 0.00	42.26 2.60 -10.44	51.36 3.22 -14.98	49.43 2.98 -12.94	45.13 2.60 -11.25	41.49 2.64 -4.07	39.92 2.47 -4.99	38.20 2.23 0.00	36.58 2.46 0.00	33.10 2.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.08 0.28 0.00	28.18 0.25 0.00	26.22 0.21 0.00	26.09 0.21 0.00	26.11 0.21 0.00	26.24 0.21 0.00	29.02 0.26 0.00	33.07 0.33 0.00	34.80 0.31 0.00	35.98 0.46 0.00	37.12 0.48 0.00	37.65 0.52 0.00	38.65 0.53 0.00	39.22 0.54 0.00	39.85 0.36 0.00	29.48 0.26 0.00	33.49 0.33 0.00	33.84 0.34 0.00	31.59 0.31 0.00	35.16 0.38 0.00	32.78 0.32 0.00	36.29 0.32 0.00	34.40 0.27 0.00	31.10 0.22 0.00
WATSON____69_KV_BK 1 55734	51.46 3.70 -16.96	40.91 3.27 -9.72	34.05 3.07 -4.98	31.98 2.90 -3.20	30.21 2.90 -1.41	38.92 2.99 -9.89	37.55 3.45 -5.34	46.77 3.96 -10.07	47.62 4.38 -8.75	45.12 4.51 -5.09	46.37 4.51 -5.22	49.07 4.60 -7.33	51.79 4.73 -8.95	58.15 5.03 -14.44	67.23 5.17 -22.56	65.90 4.00 -32.68	79.22 4.71 -41.35	84.63 4.66 -46.46	80.58 4.25 -45.05	64.10 4.63 -24.70	56.43 4.38 -19.59	50.61 4.39 -10.25	46.89 4.33 -8.43	43.26 3.95 -8.42
WDELAWARE__HYD 323627	32.22 1.42 0.00	29.21 1.29 0.00	28.46 1.20 -1.25	27.53 1.14 -0.51	27.28 1.11 -0.26	28.53 1.14 -1.35	32.53 1.41 -2.37	36.07 1.57 -1.75	38.32 1.69 -2.13	41.60 1.70 -4.38	38.33 1.69 0.00	38.91 1.78 0.00	39.98 1.87 0.00	40.73 2.05 0.00	41.66 2.17 0.00	40.70 1.84 -9.64	49.25 2.26 -13.84	47.71 2.25 -11.96	43.77 2.10 -10.39	40.69 2.16 -3.75	38.98 1.91 -4.61	37.73 1.76 0.00	35.83 1.71 0.00	32.42 1.54 0.00
WEST BABYLON__IC 23714	51.21 3.45 -16.96	40.69 3.04 -9.72	33.87 2.89 -4.98	31.79 2.72 -3.20	30.03 2.72 -1.41	38.73 2.81 -9.89	37.32 3.22 -5.34	46.51 3.70 -10.07	47.31 4.07 -8.75	44.80 4.19 -5.09	46.04 4.18 -5.22	48.66 4.20 -7.33	51.40 4.34 -8.95	57.76 4.64 -14.44	66.79 4.74 -22.56	65.61 3.71 -32.68	72.73 4.34 -35.23	84.25 4.29 -46.46	73.54 3.91 -38.35	58.21 4.21 -19.22	56.07 4.02 -19.59	50.25 4.03 -10.25	46.25 4.03 -8.10	42.95 3.64 -8.42
WEST CANADA__HYD 24049	30.96 0.15 0.00	28.07 0.14 0.00	26.11 0.10 0.00	25.98 0.10 0.00	26.01 0.10 0.00	26.14 0.10 0.00	28.87 0.12 0.00	32.91 0.16 0.00	34.63 0.14 0.00	35.73 0.21 0.00	36.86 0.22 0.00	37.36 0.22 0.00	38.34 0.23 0.00	38.95 0.27 0.00	39.73 0.24 0.00	29.42 0.21 0.00	33.39 0.23 0.00	33.74 0.24 0.00	31.50 0.22 0.00	34.99 0.21 0.00	32.65 0.20 0.00	36.15 0.18 0.00	34.26 0.14 0.00	31.00 0.12 0.00
WESTERN_NY_WIND 24143	30.65 -0.15 0.00	27.81 -0.11 0.00	25.92 -0.29 -0.19	25.10 -0.85 -0.08	25.19 -0.75 -0.04	26.24 0.00 -0.21	28.58 -0.55 -0.36	32.20 -0.79 -0.24	33.62 -1.17 -0.30	35.09 -1.06 -0.64	36.32 -0.29 0.03	36.82 -0.18 0.13	37.55 -0.31 0.25	36.86 -0.70 1.12	37.73 -0.71 1.05	30.64 -0.06 -1.48	35.18 -0.10 -2.12	35.27 -0.07 -1.83	33.22 0.34 -1.59	35.88 0.52 -0.58	33.65 0.49 -0.71	36.29 0.32 0.00	34.19 0.10 0.03	31.41 0.52 0.00



WESTOVER___LESR 323668	31.17 0.37 0.00	28.23 0.31 0.00	26.69 0.21 -0.48	26.10 0.03 -0.19	26.08 0.08 -0.10	26.86 0.31 -0.51	29.86 0.20 -0.90	33.54 0.13 -0.66	35.51 0.21 -0.81	37.33 0.14 -1.67	37.08 0.44 0.01	37.51 0.41 0.03	38.51 0.46 0.06	38.94 0.54 0.28	39.63 0.39 0.26	33.61 0.70 -3.69	39.19 0.76 -5.27	38.86 0.80 -4.55	36.11 0.88 -3.96	37.11 0.90 -1.43	35.03 0.81 -1.76	36.69 0.72 0.00	34.63 0.51 0.01	31.44 0.56 0.00
WETHRSFD_WT_PWR 323626	30.50 -0.31 0.00	27.67 -0.25 0.00	25.85 -0.42 -0.26	25.08 -0.91 -0.11	25.18 -0.78 -0.05	26.19 -0.13 -0.28	28.50 -0.75 -0.49	32.17 -0.92 -0.34	33.67 -1.24 -0.42	35.01 -1.39 -0.88	35.92 -0.70 0.02	36.44 -0.60 0.10	37.11 -0.80 0.20	36.73 -1.08 0.86	37.62 -1.06 0.81	31.09 -0.12 -1.99	35.59 -0.43 -2.86	35.74 -0.23 -2.47	33.68 0.25 -2.15	35.87 0.31 -0.78	33.74 0.32 -0.95	36.04 0.07 0.00	33.79 -0.31 0.03	31.19 0.31 0.00
WHAVSTOR_138KV_BK127 55557	32.59 1.79 0.00	29.49 1.56 0.00	28.82 1.51 -1.30	27.86 1.45 -0.53	27.63 1.45 -0.27	28.92 1.48 -1.40	32.97 1.75 -2.46	36.49 1.93 -1.82	38.81 2.10 -2.21	42.33 2.27 -4.54	38.95 2.31 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.58 2.37 -9.99	50.31 2.82 -14.34	48.61 2.71 -12.39	44.45 2.41 -10.77	41.11 2.43 -3.89	39.44 2.21 -4.78	38.06 2.09 0.00	36.24 2.12 0.00	32.76 1.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.59 1.79 0.00	29.49 1.56 0.00	28.82 1.51 -1.30	27.86 1.45 -0.53	27.63 1.45 -0.27	28.92 1.48 -1.40	32.97 1.75 -2.46	36.49 1.93 -1.82	38.81 2.10 -2.21	42.33 2.27 -4.54	38.95 2.31 0.00	39.55 2.41 0.00	40.67 2.55 0.00	41.46 2.78 0.00	42.45 2.96 0.00	41.58 2.37 -9.99	50.31 2.82 -14.34	48.61 2.71 -12.39	44.45 2.41 -10.77	41.11 2.43 -3.89	39.44 2.21 -4.78	38.06 2.09 0.00	36.24 2.12 0.00	32.76 1.88 0.00
WHITEHAL_115KV_TB1 80871	33.70 2.90 0.00	30.49 2.57 0.00	32.60 2.37 -4.23	29.85 2.25 -1.72	29.13 2.33 -0.89	33.08 2.50 -4.55	39.29 2.82 -7.71	41.90 3.24 -5.92	45.21 3.52 -7.20	53.84 3.55 -14.77	39.87 3.22 0.00	40.47 3.34 0.00	41.58 3.47 0.00	41.89 3.21 0.00	43.16 3.67 0.00	64.56 3.18 -32.54	83.04 3.18 -46.70	77.08 3.22 -40.35	69.58 3.22 -35.08	51.14 3.69 -12.67	51.66 3.64 -15.56	39.71 3.74 0.00	37.47 3.34 0.00	33.78 2.90 0.00
WHITEPLN_13_KV_LOAD 356215	32.93 2.13 0.00	29.80 1.87 0.00	29.16 1.79 -1.35	28.16 1.73 -0.55	27.93 1.74 -0.29	29.29 1.80 -1.46	33.42 2.10 -2.57	36.99 2.36 -1.89	39.35 2.55 -2.30	43.16 2.91 -4.73	39.61 2.97 0.00	40.25 3.12 0.00	41.39 3.28 0.00	42.16 3.48 0.00	42.97 3.48 0.00	42.38 2.75 -10.41	51.35 3.25 -14.94	49.57 3.15 -12.91	45.28 2.78 -11.22	41.72 2.89 -4.05	40.07 2.63 -4.98	38.49 2.52 0.00	36.65 2.53 0.00	33.13 2.25 0.00
WM_FLOYD_69_KV_BK2 356380	51.36 3.60 -16.96	40.82 3.18 -9.72	34.03 3.04 -4.98	31.95 2.87 -3.20	30.19 2.88 -1.41	38.86 2.94 -9.89	37.52 3.42 -5.34	46.67 3.86 -10.07	47.59 4.35 -8.75	44.98 4.37 -5.09	46.26 4.40 -5.22	48.96 4.49 -7.33	51.59 4.54 -8.95	57.99 4.87 -14.44	67.19 5.13 -22.56	65.94 4.03 -32.69	87.44 4.68 -49.60	84.56 4.59 -46.47	89.52 4.16 -54.08	71.50 4.63 -32.09	56.36 4.32 -19.59	50.54 4.32 -10.25	47.27 4.27 -8.88	43.20 3.89 -8.42
WOODARD__115KV_TB2 355635	30.43 -0.37 0.00	27.56 -0.36 0.00	25.62 -0.39 0.00	25.36 -0.52 0.00	25.44 -0.47 0.00	25.70 -0.34 0.00	28.34 -0.43 -0.02	32.28 -0.46 0.01	33.97 -0.52 0.01	35.01 -0.50 0.01	36.23 -0.40 0.01	36.68 -0.41 0.04	37.92 -0.19 0.00	38.52 -0.15 0.00	39.17 -0.32 0.00	29.13 -0.09 0.00	33.03 -0.13 0.00	33.40 -0.10 0.00	31.25 -0.03 0.00	34.75 -0.03 0.00	32.43 -0.03 0.00	35.79 -0.18 0.00	33.85 -0.27 0.00	30.66 -0.22 0.00
YORK___WARBASSE 23770	33.08 2.28 0.00	29.96 2.04 0.00	29.34 1.98 -1.36	28.32 1.89 -0.55	28.08 1.89 -0.29	29.27 1.77 -1.46	33.31 1.98 -2.57	36.90 2.26 -1.90	39.29 2.48 -2.31	42.96 2.70 -4.74	39.28 2.64 0.00	39.95 2.82 0.00	41.12 3.01 0.00	41.89 3.21 0.00	42.93 3.44 0.00	42.37 2.72 -10.44	51.49 3.35 -14.98	49.57 3.12 -12.94	45.22 2.69 -11.25	41.59 2.75 -4.07	40.08 2.63 -4.99	38.35 2.37 0.00	36.68 2.56 0.00	33.29 2.41 0.00