

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/29/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.24	30.65	30.27	27.76	28.14	27.65	29.76	36.22	38.20	38.22	38.10	39.92	40.77	44.62	44.49	48.63	59.19	63.06	59.00	58.14	51.93	42.41	37.93	35.26
24138	2.01	1.79	1.69	1.66	1.56	1.61	1.96	1.90	2.30	2.35	2.49	2.77	2.79	3.13	3.48	3.75	4.60	4.76	4.09	3.68	3.31	2.35	2.24	2.14
	-0.68	-0.47	-2.63	-0.17	-0.65	0.00	-0.17	-7.09	-4.85	-4.94	-2.49	-0.19	-0.74	-2.89	0.00	-1.79	-3.54	-7.08	-3.86	-3.40	-0.03	-2.15	-0.15	-0.17
74TH STREET_GT_1	32.27	30.68	30.27	27.76	28.14	27.65	29.73	36.19	38.17	38.22	38.10	39.88	40.70	44.59	44.45	48.59	59.14	63.00	59.05	58.08	51.93	42.33	37.96	35.40
24260	2.04	1.82	1.69	1.66	1.56	1.61	1.93	1.88	2.27	2.35	2.48	2.73	2.72	3.09	3.44	3.71	4.54	4.71	4.14	3.62	3.30	2.27	2.27	2.27
	-0.68	-0.47	-2.63	-0.17	-0.65	0.00	-0.17	-7.10	-4.85	-4.94	-2.49	-0.19	-0.74	-2.89	0.00	-1.79	-3.54	-7.08	-3.86	-3.40	-0.03	-2.15	-0.15	-0.17
74TH STREET_GT_2	32.27	30.68	30.27	27.76	28.14	27.65	29.73	36.19	38.17	38.22	38.10	39.88	40.70	44.59	44.45	48.59	59.14	63.00	59.05	58.08	51.93	42.33	37.96	35.40
24261	2.04	1.82	1.69	1.66	1.56	1.61	1.93	1.88	2.27	2.35	2.48	2.73	2.72	3.09	3.44	3.71	4.54	4.71	4.14	3.62	3.30	2.27	2.27	2.27
	-0.68	-0.47	-2.63	-0.17	-0.65	0.00	-0.17	-7.10	-4.85	-4.94	-2.49	-0.19	-0.74	-2.89	0.00	-1.79	-3.54	-7.08	-3.86	-3.40	-0.03	-2.15	-0.15	-0.17
ADK HUDSON___FALLS	32.49	30.97	31.11	27.81	28.45	27.81	29.73	46.16	39.78	39.70	38.63	39.71	40.78	44.93	43.51	48.17	65.36	76.59	66.82	65.61	52.68	47.72	38.77	35.55
24011	2.04	1.96	1.69	1.66	1.66	1.77	1.88	1.91	2.33	2.26	2.22	2.51	2.57	2.51	2.50	2.71	3.32	3.38	3.78	3.98	3.98	3.15	2.77	2.37
	-0.90	-0.62	-3.47	-0.22	-0.86	0.00	-0.22	-17.04	-6.39	-6.51	-3.28	-0.25	-0.97	-3.81	0.00	-2.36	-10.99	-22.00	-11.99	-10.57	-0.10	-6.67	-0.45	-0.22
ADK RESOURCE___RCVRY	32.63	31.09	31.21	27.91	28.55	27.93	29.87	46.37	39.97	39.92	38.83	39.98	41.01	45.16	43.71	48.39	65.76	77.02	67.22	66.10	53.12	48.08	39.01	35.75
23798	2.19	2.07	1.79	1.76	1.76	1.90	2.02	2.07	2.51	2.48	2.42	2.77	2.79	2.74	2.71	2.93	3.68	3.74	4.13	4.44	4.42	3.49	3.02	2.57
	-0.90	-0.62	-3.47	-0.22	-0.86	0.00	-0.22	-17.09	-6.40	-6.51	-3.29	-0.25	-0.97	-3.81	0.00	-2.37	-11.02	-22.07	-12.03	-10.61	-0.10	-6.69	-0.45	-0.22
ADK S GLENS___FALLS	32.49	30.97	31.11	27.81	28.45	27.81	29.73	46.16	39.78	39.70	38.63	39.71	40.78	44.93	43.51	48.17	65.36	76.59	66.82	65.61	52.68	47.72	38.77	35.55
24028	2.04	1.96	1.69	1.66	1.66	1.77	1.88	1.91	2.33	2.26	2.22	2.51	2.57	2.51	2.50	2.71	3.32	3.38	3.78	3.98	3.98	3.15	2.77	2.37
	-0.90	-0.62	-3.47	-0.22	-0.86	0.00	-0.22	-17.04	-6.39	-6.51	-3.28	-0.25	-0.97	-3.81	0.00	-2.36	-10.99	-22.00	-11.99	-10.57	-0.10	-6.67	-0.45	-0.22
ADK_NYS___DAM	32.39	30.89	30.97	27.80	28.39	27.73	29.72	43.36	39.33	39.35	38.63	39.85	40.78	44.93	43.84	48.38	63.37	72.40	63.98	62.83	51.74	45.74	38.25	35.41
23527	1.98	1.90	1.69	1.66	1.63	1.69	1.88	1.85	2.14	2.16	2.35	2.66	2.61	2.66	2.83	3.02	3.47	3.48	3.27	3.27	3.06	2.46	2.35	2.24
	-0.86	-0.59	-3.33	-0.21	-0.82	0.00	-0.21	-14.29	-6.14	-6.25	-3.15	-0.24	-0.93	-3.66	0.00	-2.27	-8.84	-17.71	-9.65	-8.51	-0.08	-5.37	-0.36	-0.21
AIR_PRODUCTS___DRP	31.63	30.13	30.31	27.20	27.79	27.13	28.98	40.90	38.25	38.20	37.32	38.45	39.40	43.44	42.28	46.71	60.03	67.64	60.55	59.54	49.93	43.45	36.91	34.26
24190	1.21	1.14	1.01	1.06	1.04	1.09	1.13	1.09	1.02	0.99	1.03	1.26	1.23	1.16	1.27	1.34	1.53	1.54	1.38	1.33	1.26	1.02	1.07	1.09
	-0.86	-0.60	-3.34	-0.21	-0.83	0.00	-0.21	-12.60	-6.17	-6.28	-3.17	-0.24	-0.94	-3.68	0.00	-2.28	-7.44	-14.90	-8.12	-7.16	-0.07	-4.52	-0.31	-0.21
AKWESSNE_115KV_BK	29.14	28.05	25.75	25.77	25.75	25.75	27.25	26.84	30.62	30.53	32.62	36.40	36.76	38.03	40.39	42.40	50.24	50.19	50.14	50.29	47.91	37.49	35.15	32.59
355683	-0.41	-0.34	-0.21	-0.16	-0.18	-0.29	-0.39	-0.38	-0.43	-0.40	-0.50	-0.55	-0.48	-0.58	-0.62	-0.69	-0.82	-1.02	-0.92	-0.77	-0.68	-0.42	-0.39	-0.36
	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	31.63	30.13	30.31	27.20	27.79	27.13	28.98	40.90	38.25	38.20	37.32	38.45	39.40	43.44	42.28	46.71	60.03	67.64	60.55	59.54	49.93	43.45	36.91	34.26
23571	1.21	1.14	1.01	1.06	1.04	1.09	1.13	1.09	1.02	0.99	1.03	1.26	1.23	1.16	1.27	1.34	1.53	1.54	1.38	1.33	1.26	1.02	1.07	1.09
	-0.86	-0.60	-3.34	-0.21	-0.83	0.00	-0.21	-12.60	-6.17	-6.28	-3.17	-0.24	-0.94	-3.68	0.00	-2.28	-7.44	-14.90	-8.12	-7.16	-0.07	-4.52	-0.31	-0.21
ALBANY___2	31.63	30.13	30.31	27.20	27.79	27.13	28.98	40.90	38.25	38.20	37.32	38.45	39.40	43.44	42.28	46.71	60.03	67.64	60.55	59.54	49.93	43.45	36.91	34.26
23572	1.21	1.14	1.01	1.06	1.04	1.09	1.13	1.09	1.02	0.99	1.03	1.26	1.23	1.16	1.27	1.34	1.53	1.54	1.38	1.33	1.26	1.02	1.07	1.09
	-0.86	-0.60	-3.34	-0.21	-0.83	0.00	-0.21	-12.60	-6.17	-6.28	-3.17	-0.24	-0.94	-3.68	0.00	-2.28	-7.44	-14.90	-8.12	-7.16	-0.07	-4.52	-0.31	-0.21
ALBANY___3	31.63	30.13	30.31	27.20	27.79	27.13	28.98	40.90	38.25	38.20	37.32	38.45	39.40	43.44	42.28	46.71	60.03	67.64	60.55	59.54	49.93	43.45	36.91	34.26
23573	1.21	1.14	1.01	1.06	1.04	1.09	1.13	1.09	1.02	0.99	1.03	1.26	1.23	1.16	1.27	1.34	1.53	1.54	1.38	1.33	1.26	1.02	1.07	1.09
	-0.86	-0.60	-3.34	-0.21	-0.83	0.00	-0.21	-12.60	-6.17	-6.28	-3.17	-0.24	-0.94	-3.68	0.00	-2.28	-7.44	-14.90	-8.12	-7.16	-0.07	-4.52	-0.31	-0.21

ALBANY___4 23574	31.63 1.21 -0.86	30.13 1.14 -0.60	30.31 1.01 -3.34	27.20 1.06 -0.21	27.79 1.04 -0.83	27.13 1.09 0.00	28.98 1.13 -0.21	40.90 1.09 -12.60	38.25 1.02 -6.17	38.20 0.99 -6.28	37.32 1.03 -3.17	38.45 1.26 -0.24	39.40 1.23 -0.94	43.44 1.16 -3.68	42.28 1.27 0.00	46.71 1.34 -2.28	60.03 1.53 -7.44	67.64 1.54 -14.90	60.55 1.38 -8.12	59.54 1.33 -7.16	49.93 1.26 -0.07	43.45 1.02 -4.52	36.91 1.07 -0.31	34.26 1.09 -0.21
ALBANY___LFGE 323615	31.90 1.48 -0.87	30.36 1.36 -0.60	30.56 1.22 -3.38	27.41 1.27 -0.21	28.01 1.24 -0.84	27.34 1.30 0.00	29.23 1.38 -0.21	42.47 1.33 -13.92	38.65 1.36 -6.23	38.64 1.36 -6.34	37.75 1.42 -3.20	38.90 1.70 -0.24	39.86 1.68 -0.95	43.98 1.66 -3.72	42.77 1.76 0.00	47.29 1.89 -2.30	61.75 2.19 -8.50	70.48 2.25 -17.01	62.37 2.04 -9.27	61.22 1.99 -8.17	50.57 1.89 -0.08	44.54 1.48 -5.16	37.38 1.49 -0.35	34.59 1.42 -0.21
ALCOA_PA_115KV_PL-6C 55860	29.34 -0.21 0.00	28.25 -0.14 0.00	25.93 -0.03 0.00	25.95 0.03 0.00	25.93 0.00 0.00	25.93 -0.10 0.00	27.41 -0.22 0.00	27.00 -0.22 0.00	30.81 -0.25 0.00	30.72 -0.22 0.00	32.82 -0.30 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.10 -0.50 0.00	40.47 -0.53 0.00	42.49 -0.60 0.00	50.34 -0.71 0.00	50.29 -0.92 0.00	50.24 -0.82 0.00	50.39 -0.66 0.00	48.06 -0.53 0.00	37.76 -0.15 0.00	35.43 -0.11 0.00	32.86 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	29.34 -0.21 0.00	28.25 -0.14 0.00	25.93 -0.03 0.00	25.95 0.03 0.00	25.93 0.00 0.00	25.93 -0.10 0.00	27.41 -0.22 0.00	27.00 -0.22 0.00	30.81 -0.25 0.00	30.72 -0.22 0.00	32.82 -0.30 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.10 -0.50 0.00	40.47 -0.53 0.00	42.49 -0.60 0.00	50.34 -0.71 0.00	50.29 -0.92 0.00	50.24 -0.82 0.00	50.39 -0.66 0.00	48.06 -0.53 0.00	37.76 -0.15 0.00	35.43 -0.11 0.00	32.86 -0.10 0.00
ALCOA___DSASP 323711	29.35 -0.21 0.00	28.28 -0.11 0.00	25.95 0.00 0.00	25.95 0.03 0.00	25.93 0.00 0.00	25.91 -0.13 0.00	27.41 -0.22 0.00	27.00 -0.22 0.00	30.80 -0.25 0.00	30.72 -0.22 0.00	32.82 -0.30 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.18 -0.42 0.00	40.47 -0.53 0.00	42.45 -0.65 0.00	50.29 -0.76 0.00	50.24 -0.97 0.00	50.29 -0.76 0.00	50.34 -0.71 0.00	48.06 -0.53 0.00	37.49 -0.42 0.00	35.43 -0.11 0.00	32.83 -0.13 0.00
ALLEGHENY___COGEN 23514	30.08 0.41 -0.12	28.59 0.11 -0.08	26.38 -0.03 -0.45	25.85 -0.10 -0.03	25.91 -0.13 0.00	26.40 0.36 0.00	27.86 0.19 -0.03	28.40 -0.05 -1.24	31.52 -0.37 -0.84	30.98 -0.80 -0.85	32.79 -0.76 -0.43	36.10 -0.89 -0.03	36.32 -1.04 -0.13	37.79 -1.31 -0.50	39.82 -1.19 0.00	42.97 -0.43 -0.31	51.17 -0.41 -0.52	52.56 0.10 -1.24	51.56 -0.05 -0.56	52.42 0.77 -0.60	49.42 0.83 -0.01	39.19 0.91 -0.38	36.03 0.46 -0.03	33.71 0.72 -0.03
ALTAMONT_115KV_TB 2 55880	31.69 1.27 -0.86	30.21 1.22 -0.60	30.39 1.09 -3.34	27.23 1.09 -0.21	27.85 1.09 -0.83	27.15 1.12 0.00	29.03 1.19 -0.21	40.08 1.17 -11.69	38.49 1.27 -6.17	38.51 1.30 -6.28	37.65 1.36 -3.17	38.75 1.55 -0.24	39.74 1.56 -0.94	43.87 1.58 -3.68	42.69 1.68 0.00	47.18 1.81 -2.28	59.84 2.09 -6.69	66.77 2.15 -13.40	60.35 1.99 -7.31	59.43 1.94 -6.44	50.50 1.85 -0.06	43.41 1.44 -4.06	37.24 1.42 -0.28	34.55 1.38 -0.21
ALTONA_WT_PWR 323606	29.55 0.00 0.00	28.45 0.06 0.00	26.24 0.29 0.00	26.29 0.36 0.00	26.24 0.31 0.00	26.24 0.21 0.00	27.83 0.19 0.00	27.49 0.27 0.00	31.40 0.34 0.00	31.21 0.28 0.00	33.32 0.20 0.00	37.10 0.15 0.00	37.61 0.37 0.00	38.95 0.35 0.00	41.50 0.49 0.00	43.48 0.39 0.00	51.62 0.56 0.00	51.72 0.51 0.00	51.92 0.87 0.00	52.18 1.12 0.00	49.81 1.22 0.00	38.78 0.87 0.00	36.32 0.78 0.00	33.55 0.59 0.00
AMERICAN_REF_FUEL 24010	28.98 -0.68 -0.11	27.82 -0.65 -0.07	25.20 -1.17 -0.41	24.71 -1.24 -0.03	24.79 -1.24 -0.10	25.49 -0.55 0.00	26.72 -0.94 -0.03	27.21 -1.12 -1.11	30.51 -1.30 -0.76	30.50 -1.21 -0.77	32.22 -1.29 -0.39	35.66 -1.33 -0.03	35.64 -1.71 -0.11	36.93 -2.12 -0.45	38.87 -2.13 0.00	41.04 -2.33 -0.28	47.95 -3.27 -0.16	49.71 -2.61 -1.11	48.19 -3.01 -0.15	49.29 -2.30 -0.53	46.27 -2.33 -0.01	36.73 -1.52 -0.34	33.68 -1.88 -0.02	32.06 -0.92 -0.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.97 0.30 -0.12	28.93 0.45 -0.08	26.16 -0.26 -0.46	25.78 -0.18 -0.03	25.71 -0.34 -0.11	26.58 0.55 0.00	28.10 0.44 -0.03	28.61 0.14 -1.26	32.06 0.16 -0.85	32.08 0.28 -0.87	33.96 0.40 -0.44	37.87 0.89 -0.03	37.48 0.11 -0.13	39.04 -0.08 -0.51	41.09 0.08 0.00	43.28 -0.13 -0.31	50.95 -0.41 -0.31	52.74 0.26 -1.27	51.06 -0.30 -0.31	51.92 0.26 -0.61	48.65 0.05 -0.01	39.12 0.83 -0.38	35.67 0.11 -0.03	33.68 0.69 -0.03
ARTHUR_KILL_GT_1 23520	32.27 2.04 -0.68	30.57 1.70 -0.47	30.27 1.69 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.47 1.43 0.00	29.57 1.77 -0.17	34.92 1.52 -6.18	35.45 1.89 -2.51	35.68 1.95 -2.80	35.69 2.09 -0.48	36.96 2.29 2.29	40.32 2.35 -0.73	44.23 2.74 -2.88	43.95 2.95 0.01	48.15 3.27 -1.79	58.77 4.19 -3.53	62.69 4.40 -7.07	58.74 3.83 -3.85	57.67 3.22 -3.39	50.40 2.82 1.01	40.79 1.82 -1.06	35.70 1.95 1.80	35.07 1.94 -0.17
ARTHUR_KILL_2 23512	32.18 1.95 -0.68	30.48 1.62 -0.47	30.20 1.61 -2.63	27.63 1.53 -0.17	27.95 1.37 -0.65	27.39 1.35 0.00	29.49 1.69 -0.17	34.84 1.44 -6.18	35.36 1.80 -2.51	35.59 1.86 -2.80	35.59 1.99 -0.48	36.85 2.18 2.29	40.20 2.23 -0.73	44.12 2.63 -2.88	43.83 2.83 0.01	47.98 3.10 -1.79	58.57 3.98 -3.53	62.48 4.20 -7.07	58.53 3.63 -3.85	57.41 2.96 -3.39	50.21 2.62 1.01	40.67 1.71 -1.06	35.59 1.85 1.80	34.97 1.84 -0.17
ARTHUR_KILL_3 23513	31.88 1.65 -0.68	30.34 1.48 -0.47	29.96 1.37 -2.63	27.44 1.35 -0.17	27.82 1.24 -0.65	27.34 1.30 0.00	29.40 1.60 -0.17	34.93 1.52 -6.19	35.40 1.83 -2.51	35.63 1.89 -2.81	35.60 1.99 -0.49	36.86 2.18 2.28	40.17 2.20 -0.74	44.05 2.55 -2.89	43.84 2.83 0.00	47.99 3.10 -1.79	58.42 3.83 -3.54	62.24 3.94 -7.08	58.23 3.32 -3.86	57.37 2.91 -3.40	50.17 2.57 1.00	40.76 1.78 -1.07	35.53 1.78 1.79	34.87 1.75 -0.17
ARTHUR_KILL_COGEN 323718	32.27 2.04 -0.68	30.57 1.70 -0.47	30.27 1.69 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.47 1.43 0.00	29.57 1.77 -0.17	34.92 1.52 -6.18	35.45 1.89 -2.51	35.68 1.95 -2.80	35.69 2.09 -0.48	36.96 2.29 2.29	40.32 2.35 -0.73	44.23 2.74 -2.88	43.95 2.95 0.01	48.15 3.27 -1.79	58.77 4.19 -3.53	62.69 4.40 -7.07	58.74 3.83 -3.85	57.67 3.22 -3.39	50.40 2.82 1.01	40.79 1.82 -1.06	35.70 1.95 1.80	35.07 1.94 -0.17
ASHOKAN____ 23654	31.12 0.80 -0.77	30.51 1.59 -0.53	29.52 0.60 -2.97	27.29 1.17 -0.19	27.18 0.52 -0.73	27.13 1.09 0.00	29.09 1.27 -0.19	37.52 0.76 -9.54	37.31 0.78 -5.48	37.32 0.80 -5.58	36.67 0.73 -2.82	38.61 1.44 -0.21	39.00 0.93 -0.83	42.80 0.93 -3.27	42.73 1.72 0.00	47.01 1.89 -2.03	57.93 1.63 -5.25	63.66 1.95 -10.50	58.21 1.43 -5.73	57.53 1.43 -5.05	50.20 1.55 -0.05	42.12 1.02 -3.18	36.65 0.89 -0.22	34.66 1.52 -0.19

ASTORIA_EAST_ENERGY_CC1 323581	32.31 2.07 -0.69	30.51 1.65 -0.47	30.30 1.71 -2.63	27.76 1.66 -0.17	28.08 1.50 -0.65	27.41 1.38 0.00	29.57 1.77 -0.17	35.80 1.50 -7.09	37.73 1.83 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.31 2.18 -0.18	40.17 2.20 -0.73	44.00 2.51 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.25 2.62 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
ASTORIA_EAST_ENERGY_CC2 323582	32.31 2.07 -0.69	30.51 1.65 -0.47	30.30 1.71 -2.63	27.76 1.66 -0.17	28.08 1.50 -0.65	27.41 1.38 0.00	29.57 1.77 -0.17	35.80 1.50 -7.09	37.73 1.83 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.31 2.18 -0.18	40.17 2.20 -0.73	44.00 2.51 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.25 2.62 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
ASTORIA_GT2_1 24094	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.78 1.69 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.84 1.52 -7.10	37.77 1.86 -4.85	37.79 1.92 -4.94	37.63 2.02 -2.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.05 2.55 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.72 1.67 -2.15	37.71 2.03 -0.15	35.47 2.34 -0.18
ASTORIA_GT2_2 24095	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.78 1.69 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.84 1.52 -7.10	37.77 1.86 -4.85	37.79 1.92 -4.94	37.63 2.02 -2.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.05 2.55 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.72 1.67 -2.15	37.71 2.03 -0.15	35.47 2.34 -0.18
ASTORIA_GT2_3 24096	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.78 1.69 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.84 1.52 -7.10	37.77 1.86 -4.85	37.79 1.92 -4.94	37.63 2.02 -2.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.05 2.55 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.72 1.67 -2.15	37.71 2.03 -0.15	35.47 2.34 -0.18
ASTORIA_GT2_4 24097	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.78 1.69 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.84 1.52 -7.10	37.77 1.86 -4.85	37.79 1.92 -4.94	37.63 2.02 -2.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.05 2.55 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.72 1.67 -2.15	37.71 2.03 -0.15	35.47 2.34 -0.18
ASTORIA_GT3_1 24098	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.78 1.69 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.84 1.52 -7.10	37.77 1.86 -4.85	37.79 1.92 -4.94	37.63 2.02 -2.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.05 2.55 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.72 1.67 -2.15	37.71 2.03 -0.15	35.47 2.34 -0.18
ASTORIA_GT3_2 24099	32.34 2.10 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.																					

ASTORIA_GT_10 24110	32.18 1.95 -0.68	30.54 1.68 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	35.97 1.66 -7.10	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.51 2.37 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.57 3.11 -3.40	51.44 2.82 -0.03	41.87 1.82 -2.15	37.71 2.03 -0.15	35.30 2.18 -0.17
ASTORIA_GT_11 24225	32.18 1.95 -0.68	30.54 1.68 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	35.97 1.66 -7.10	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.51 2.37 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.57 3.11 -3.40	51.44 2.82 -0.03	41.87 1.82 -2.15	37.71 2.03 -0.15	35.30 2.18 -0.17
ASTORIA_GT_12 24226	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
ASTORIA_GT_13 24227	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
ASTORIA_GT_5 24106	32.37 2.13 -0.69	30.60 1.73 -0.47	30.38 1.79 -2.63	27.81 1.71 -0.17	28.14 1.56 -0.65	27.49 1.46 0.00	29.62 1.82 -0.17	35.88 1.58 -7.09	37.82 1.93 -4.84	37.82 1.95 -4.93	37.69 2.09 -2.49	39.43 2.29 -0.18	40.24 2.27 -0.73	44.12 2.63 -2.88	43.96 2.95 0.00	48.20 3.32 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.85 3.93 -3.86	57.56 3.11 -3.39	51.39 2.77 -0.03	41.87 1.82 -2.15	37.71 2.02 -0.15	35.40 2.27 -0.18
ASTORIA_GT_7 24107	32.37 2.13 -0.69	30.60 1.73 -0.47	30.38 1.79 -2.63	27.81 1.71 -0.17	28.14 1.56 -0.65	27.49 1.46 0.00	29.62 1.82 -0.17	35.88 1.58 -7.09	37.82 1.93 -4.84	37.82 1.95 -4.93	37.69 2.09 -2.49	39.43 2.29 -0.18	40.24 2.27 -0.73	44.12 2.63 -2.88	43.96 2.95 0.00	48.20 3.32 -1.79	58.88 4.29 -3.54	62.80 4.51 -7.08	58.85 3.93 -3.86	57.56 3.11 -3.39	51.39 2.77 -0.03	41.87 1.82 -2.15	37.71 2.02 -0.15	35.40 2.27 -0.18
ASTORIA_GT_8 24108	32.37 2.13 -0.69	30.62 1.76 -0.47	30.33 1.74 -2.63	27.81 1.71 -0.17	28.14 1.56 -0.65	27.60 1.56 0.00	29.62 1.82 -0.17	35.89 1.58 -7.10	37.83 1.93 -4.85	37.85 1.98 -4.94	37.70 2.09 -2.49	39.40 2.25 -0.19	40.29 2.31 -0.74	44.12 2.63 -2.89	44.12 3.12 0.00	48.33 3.45 -1.79	58.98 4.39 -3.54	62.95 4.66 -7.08	58.85 3.93 -3.86	57.52 3.06 -3.40	51.39 2.77 -0.03	41.80 1.74 -2.15	37.78 2.10 -0.15	35.54 2.41 -0.18
ASTORIA___2 24149	32.34 2.10 -0.69	30.54 1.67 -0.47	30.33 1.74 -2.63	27.78 1.68 -0.17	28.08 1.50 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	35.83 1.52 -7.09	37.76 1.86 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.35 2.22 -0.18	40.17 2.20 -0.73	44.04 2.55 -2.88	43.88 2.87 0.00	48.12 3.23 -1.79	58.72 4.13 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.30 2.67 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.37 2.24 -0.18
ASTORIA___3 23516	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
ASTORIA___4 23517	32.18 1.95 -0.68	30.54 1.68 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	35.97 1.66 -7.10	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.51 2.37 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.57 3.11 -3.40	51.44 2.82 -0.03	41.87 1.82 -2.15	37.71 2.03 -0.15	35.30 2.18 -0.17
ASTORIA___5 23518	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
AST_ENERGY_2_CC3 323677	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.44 1.40 0.00	29.54 1.74 -0.17	35.97 1.66 -7.09	37.90 1.99 -4.85	37.88 2.01 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	42.06 2.01 -2.15	37.64 1.95 -0.15	35.03 1.91 -0.17
AST_ENERGY_2_CC4 323678	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.44 1.40 0.00	29.54 1.74 -0.17	35.97 1.66 -7.09	37.90 1.99 -4.85	37.88 2.01 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	42.06 2.01 -2.15	37.64 1.95 -0.15	35.03 1.91 -0.17
ATHENS_STG_1 23668	31.68 1.36 -0.76	30.20 1.28 -0.53	30.06 1.14 -2.96	27.26 1.14 -0.19	27.80 1.14 -0.73	27.18 1.14 0.00	29.09 1.27 -0.19	36.14 1.23 -7.70	37.94 1.43 -5.46	37.94 1.45 -5.55	37.48 1.56 -2.80	38.90 1.74 -0.21	39.78 1.71 -0.83	43.71 1.85 -3.25	42.94 1.93 0.00	47.14 2.03 -2.02	57.15 2.35 -3.75	61.17 2.46 -7.50	57.29 2.14 -4.09	56.75 2.09 -3.60	50.57 1.95 -0.04	41.70 1.52 -2.27	37.22 1.53 -0.15	34.63 1.48 -0.19
ATHENS_STG_2 23670	31.68 1.36 -0.76	30.20 1.28 -0.53	30.06 1.14 -2.96	27.26 1.14 -0.19	27.80 1.14 -0.73	27.18 1.14 0.00	29.09 1.27 -0.19	36.14 1.23 -7.70	37.94 1.43 -5.46	37.94 1.45 -5.55	37.48 1.56 -2.80	38.90 1.74 -0.21	39.78 1.71 -0.83	43.71 1.85 -3.25	42.94 1.93 0.00	47.14 2.03 -2.02	57.15 2.35 -3.75	61.17 2.46 -7.50	57.29 2.14 -4.09	56.75 2.09 -3.60	50.57 1.95 -0.04	41.70 1.52 -2.27	37.22 1.53 -0.15	34.63 1.48 -0.19

ATHENS_STG_3 23677	31.68 1.36 -0.76	30.20 1.28 -0.53	30.06 1.14 -2.96	27.26 1.14 -0.19	27.80 1.14 -0.73	27.18 1.14 0.00	29.09 1.27 -0.19	36.14 1.23 -7.70	37.94 1.43 -5.46	37.94 1.45 -5.55	37.48 1.56 -2.80	38.90 1.74 -0.21	39.78 1.71 -0.83	43.71 1.85 -3.25	42.94 1.93 0.00	47.14 2.03 -2.02	57.15 2.35 -3.75	61.17 2.46 -7.50	57.29 2.14 -4.09	56.75 2.09 -3.60	50.57 1.95 -0.04	41.70 1.52 -2.27	37.22 1.53 -0.15	34.63 1.48 -0.19
AUBURN____LFGE 323710	29.87 0.24 -0.09	28.65 0.20 -0.06	26.40 0.10 -0.34	26.00 0.05 -0.02	26.06 0.05 -0.08	26.32 0.29 0.00	27.99 0.33 -0.02	28.48 0.38 -0.88	32.13 0.47 -0.61	31.90 0.34 -0.62	33.87 0.43 -0.31	37.50 0.52 -0.02	37.82 0.48 -0.09	39.43 0.46 -0.36	41.77 0.49 -0.27	45.25 0.60 -1.55	55.30 0.92 -3.33	55.95 1.13 -3.61	56.27 1.38 -3.83	55.62 1.28 -3.29	52.70 1.21 -2.90	39.05 0.87 -0.27	36.23 0.68 -0.02	33.37 0.40 -0.02
BABYLON_RES_REC 323704	51.49 2.90 -19.05	37.88 2.47 -7.01	33.69 2.39 -5.35	31.17 2.33 -2.91	30.91 2.25 -2.73	30.56 2.32 -2.21	34.68 2.68 -4.36	38.71 2.64 -8.85	48.60 3.17 -14.37	58.61 3.09 -24.58	56.13 3.25 -19.76	57.58 3.21 -17.41	57.88 3.05 -17.58	53.87 3.20 -12.06	66.06 3.73 -21.32	65.70 3.96 -18.65	72.93 4.54 -17.33	82.41 4.76 -26.44	70.41 4.34 -15.02	61.56 4.34 -6.17	56.89 3.93 -4.36	56.56 2.99 -15.66	52.42 3.27 -13.61	50.24 3.20 -14.09
BABYLON__69_KV_BK2 356345	51.94 3.34 -19.05	38.47 3.07 -7.01	34.00 2.70 -5.35	31.51 2.67 -2.91	31.22 2.57 -2.73	30.90 2.66 -2.21	35.04 3.04 -4.36	39.07 2.99 -8.85	49.03 3.60 -14.37	59.13 3.62 -24.58	56.66 3.78 -19.77	58.47 4.10 -17.41	58.92 4.10 -17.58	56.03 4.36 -13.06	68.50 4.80 -22.70	66.78 5.04 -18.65	74.31 5.92 -17.33	85.01 6.15 -27.66	73.22 5.56 -16.60	66.68 5.36 -10.26	61.51 5.10 -7.81	60.42 3.75 -18.76	52.92 3.77 -13.61	50.77 3.72 -14.09
BARON_WINDS____WT_PWR 323822	29.64 -0.06 -0.15	28.55 0.06 -0.10	26.12 -0.42 -0.58	25.60 -0.36 -0.04	25.61 -0.47 -0.14	26.24 0.21 0.00	27.81 0.14 -0.04	28.68 -0.14 -1.60	31.93 -0.19 -1.06	31.89 -0.12 -1.08	33.63 -0.03 -0.55	37.33 0.33 -0.04	37.18 -0.22 -0.16	38.93 -0.31 -0.63	40.83 -0.24 -0.06	43.54 -0.26 -0.71	52.07 -0.30 -1.32	53.69 0.21 -2.27	52.37 -0.15 -1.47	52.61 0.10 -1.46	49.22 -0.05 -0.68	38.82 0.42 -0.49	35.61 0.04 -0.03	33.36 0.36 -0.04
BARRETT_IC_1 23704	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_10 23701	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_11 23702	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_12 23703	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_2 23705	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_3 23706	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_4 23707	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_5 23708	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_6 23709	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_7 23710	50.99 2.39 -19.05	37.62 2.21 -7.01	33.28 1.97 -5.35	30.76 1.92 -2.91	30.50 1.84 -2.73	30.15 1.90 -2.21	34.13 2.13 -4.36	38.13 2.07 -8.85	47.94 2.52 -14.37	58.08 2.57 -24.57	55.40 2.52 -19.76	57.10 2.73 -17.41	57.54 2.72 -17.58	53.00 3.01 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.47 4.08 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.39 3.30 -2.50	54.29 2.43 -13.96	51.78 2.63 -13.61	49.65 2.60 -14.09

BARRETT_IC_8 23711	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT_IC_9 23700	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT___1 23545	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BARRETT___2 23546	50.99 2.39 -19.05	37.54 2.13 -7.01	33.27 1.97 -5.35	30.78 1.95 -2.91	30.50 1.84 -2.73	30.17 1.93 -2.21	34.18 2.18 -4.36	38.13 2.07 -8.85	47.94 2.51 -14.37	58.04 2.54 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.58 2.76 -17.58	53.04 3.05 -11.39	64.87 3.28 -20.58	65.14 3.40 -18.64	72.52 4.13 -17.33	81.08 4.25 -25.62	68.79 3.78 -13.96	58.21 3.73 -3.43	54.44 3.35 -2.50	54.37 2.50 -13.96	51.78 2.63 -13.61	49.62 2.57 -14.09
BATAVIA___115KV_TB1 55881	30.03 0.38 -0.10	28.75 0.28 -0.07	26.20 -0.13 -0.38	25.62 -0.34 -0.02	25.69 -0.34 -0.09	26.16 0.13 0.00	27.74 0.08 -0.02	28.29 0.05 -1.01	31.78 0.03 -0.70	31.71 0.06 -0.71	33.48 0.00 -0.36	37.17 0.18 -0.03	37.31 -0.04 -0.10	38.67 -0.35 -0.42	40.60 -0.41 0.00	42.75 -0.60 -0.26	50.24 -1.07 -0.26	51.81 -0.41 -1.01	50.86 -0.46 -0.27	51.13 -0.41 -0.48	48.35 -0.24 0.00	38.14 -0.08 -0.30	35.14 -0.43 -0.02	32.85 -0.13 -0.02
BAYONEEC___CTG1 323682	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG10 323750	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG2 323683	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG3 323684	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG4 323685	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG5 323686	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG6 323687	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG7 323688	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG8 323689	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17
BAYONEEC___CTG9 323749	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.91 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.16 3.27 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.49 3.57 -3.86	57.62 3.17 -3.40	50.41 2.82 1.00	40.98 2.01 -1.07	35.70 1.95 1.79	35.03 1.91 -0.17

BEACON___LESR 323632	32.04 1.62 -0.86	30.52 1.53 -0.60	30.62 1.32 -3.34	27.51 1.37 -0.21	28.10 1.35 -0.83	27.47 1.43 0.00	29.39 1.55 -0.21	41.38 1.50 -12.67	38.76 1.55 -6.16	38.72 1.52 -6.27	37.88 1.59 -3.16	39.08 1.88 -0.24	40.04 1.86 -0.93	44.13 1.85 -3.67	42.98 1.97 0.00	47.48 2.11 -2.28	61.06 2.50 -7.50	68.80 2.56 -15.03	61.59 2.35 -8.19	60.57 2.30 -7.22	50.85 2.19 -0.07	44.17 1.71 -4.56	37.56 1.71 -0.31	34.78 1.61 -0.21
BEAVER RIVER___HYD 24048	29.19 -0.38 -0.03	28.01 -0.40 -0.02	25.72 -0.34 -0.10	25.60 -0.34 -0.01	25.59 -0.36 -0.03	25.72 -0.31 0.00	27.28 -0.36 -0.01	26.89 -0.44 -0.11	30.66 -0.59 -0.20	30.52 -0.62 -0.20	32.46 -0.76 -0.10	36.15 -0.81 -0.01	36.49 -0.78 -0.03	37.99 -0.73 -0.12	40.27 -0.90 -0.16	42.97 -0.99 -0.86	52.06 -0.71 -1.72	52.58 -0.36 -1.72	53.18 0.00 -2.12	53.07 0.21 -1.81	50.28 0.00 -1.69	37.98 0.08 0.00	35.72 0.18 0.00	32.77 -0.20 -0.01
BEEBEE_GT_13 23619	29.84 0.21 -0.08	28.59 0.14 -0.06	26.15 -0.13 -0.32	25.56 -0.39 -0.02	25.70 -0.31 -0.08	25.88 -0.16 0.00	27.57 -0.08 -0.02	28.09 0.03 -0.85	31.68 0.03 -0.60	31.57 0.03 -0.61	33.43 0.00 -0.31	37.09 0.11 -0.02	37.37 0.04 -0.09	38.96 0.00 -0.36	41.05 0.04 0.00	43.27 -0.04 -0.22	51.24 -0.26 -0.44	52.25 0.20 -0.83	51.79 0.26 -0.48	51.61 0.15 -0.40	48.79 0.19 0.00	38.12 -0.04 -0.25	35.27 -0.28 -0.02	32.94 -0.03 -0.02
BENSHRST_27_KV_BENSHRST_1 355998	32.42 2.19 -0.68	30.74 1.87 -0.47	30.38 1.79 -2.63	27.83 1.74 -0.17	28.19 1.61 -0.65	27.67 1.64 0.00	29.76 1.96 -0.17	36.14 1.82 -7.10	38.14 2.24 -4.85	38.19 2.32 -4.94	38.07 2.45 -2.49	39.84 2.70 -0.19	40.73 2.76 -0.74	44.66 3.17 -2.89	44.49 3.49 0.00	48.68 3.79 -1.79	59.34 4.75 -3.54	63.21 4.92 -7.08	59.25 4.34 -3.86	58.13 3.68 -3.40	51.93 3.30 -0.03	42.22 2.16 -2.15	38.03 2.35 -0.15	35.56 2.44 -0.17
BETHLEHEM___GRP 23843	31.63 1.21 -0.86	30.13 1.14 -0.60	30.31 1.01 -3.34	27.20 1.06 -0.21	27.79 1.04 -0.83	27.13 1.09 0.00	28.98 1.13 -0.21	40.90 1.09 -12.60	38.25 1.02 -6.17	38.20 0.99 -6.28	37.32 1.03 -3.17	38.45 1.26 -0.24	39.40 1.23 -0.94	43.44 1.16 -3.68	42.28 1.27 0.00	46.71 1.34 -2.28	60.03 1.53 -7.44	67.64 1.54 -14.90	60.55 1.38 -8.12	59.54 1.33 -7.16	49.93 1.26 -0.07	43.45 1.02 -4.52	36.91 1.07 -0.31	34.26 1.09 -0.21
BETHLEHEM___GS1 323560	31.63 1.21 -0.86	30.10 1.11 -0.60	30.29 0.99 -3.34	27.20 1.06 -0.21	27.82 1.06 -0.83	27.13 1.09 0.00	29.01 1.16 -0.21	40.90 1.09 -12.59	38.24 1.02 -6.17	38.20 0.99 -6.28	37.35 1.06 -3.17	38.45 1.26 -0.24	39.40 1.23 -0.94	43.44 1.16 -3.68	42.28 1.27 0.00	46.71 1.34 -2.28	60.02 1.53 -7.44	67.69 1.59 -14.89	60.55 1.38 -8.12	59.59 1.38 -7.16	49.92 1.26 -0.07	43.45 1.02 -4.52	36.91 1.07 -0.31	34.26 1.09 -0.21
BETHLEHEM___GS2 323561	31.63 1.21 -0.86	30.10 1.11 -0.60	30.29 0.99 -3.34	27.20 1.06 -0.21	27.82 1.06 -0.83	27.13 1.09 0.00	29.01 1.16 -0.21	40.90 1.09 -12.59	38.24 1.02 -6.17	38.20 0.99 -6.28	37.35 1.06 -3.17	38.45 1.26 -0.24	39.40 1.23 -0.94	43.44 1.16 -3.68	42.28 1.27 0.00	46.71 1.34 -2.28	60.02 1.53 -7.44	67.69 1.59 -14.89	60.55 1.38 -8.12	59.59 1.38 -7.16	49.92 1.26 -0.07	43.45 1.02 -4.52	36.91 1.07 -0.31	34.26 1.09 -0.21
BETHLEHEM___GS3 323562	31.63 1.21 -0.86	30.10 1.11 -0.60	30.29 0.99 -3.34	27.20 1.06 -0.21	27.82 1.06 -0.83	27.13 1.09 0.00	29.01 1.16 -0.21	40.90 1.09 -12.59	38.24 1.02 -6.17	38.20 0.99 -6.28	37.35 1.06 -3.17	38.45 1.26 -0.24	39.40 1.23 -0.94	43.44 1.16 -3.68	42.28 1.27 0.00	46.71 1.34 -2.28	60.02 1.53 -7.44	67.69 1.59 -14.89	60.55 1.38 -8.12	59.59 1.38 -7.16	49.92 1.26 -0.07	43.45 1.02 -4.52	36.91 1.07 -0.31	34.26 1.09 -0.21
BETHLEHEM___STEEL 23779	29.52 -0.15 -0.11	28.25 -0.23 -0.08	25.77 -0.62 -0.44	25.31 -0.65 -0.03	25.23 -0.80 -0.11	25.98 -0.05 0.00	27.44 -0.22 -0.03	27.95 -0.46 -1.20	31.31 -0.56 -0.81	31.27 -0.49 -0.83	33.01 -0.53 -0.42	36.62 -0.37 -0.03	36.66 -0.71 -0.12	38.16 -0.93 -0.48	39.98 -1.03 0.00	42.14 -1.25 -0.30	49.56 -1.74 -0.24	51.24 -1.18 -1.20	50.02 -1.28 -0.24	50.35 -1.28 -0.57	47.48 -1.12 -0.01	38.04 -0.23 -0.36	34.96 -0.60 -0.02	32.49 -0.49 -0.03
BETHLHEM_115KV_TB1 79974	31.66 1.24 -0.86	30.15 1.16 -0.60	30.31 1.01 -3.34	27.20 1.06 -0.21	27.82 1.06 -0.83	27.13 1.09 0.00	29.01 1.16 -0.21	40.68 1.09 -12.37	38.27 1.06 -6.16	38.26 1.05 -6.27	37.38 1.09 -3.17	38.49 1.29 -0.24	39.48 1.30 -0.93	43.55 1.27 -3.67	42.36 1.35 0.00	46.79 1.42 -2.28	59.95 1.63 -7.26	67.43 1.69 -14.53	60.51 1.53 -7.92	59.52 1.48 -6.98	50.07 1.41 -0.07	43.41 1.10 -4.41	36.98 1.14 -0.30	34.32 1.15 -0.21
BETHPAGE_CC_5 323564	51.11 2.51 -19.05	37.59 2.19 -7.01	33.43 2.13 -5.35	30.94 2.10 -2.91	30.65 2.00 -2.73	30.33 2.08 -2.21	34.40 2.40 -4.36	38.41 2.34 -8.85	48.19 2.76 -14.37	58.24 2.72 -24.58	55.70 2.81 -19.76	57.47 3.10 -17.41	57.91 3.09 -17.58	53.63 3.32 -11.71	65.64 3.69 -20.94	65.70 3.96 -18.65	73.18 4.80 -17.33	82.14 4.92 -26.01	69.91 4.39 -14.46	60.02 4.24 -4.73	55.77 3.79 -3.39	55.52 2.84 -14.77	52.00 2.84 -13.61	49.78 2.73 -14.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.46 -0.21 -0.12	28.19 -0.28 -0.08	25.73 -0.67 -0.45	25.31 -0.65 -0.03	25.21 -0.83 -0.11	26.03 0.00 0.00	27.47 -0.19 -0.03	27.94 -0.49 -1.22	31.29 -0.59 -0.82	31.25 -0.53 -0.84	33.01 -0.53 -0.42	36.65 -0.33 -0.03	36.66 -0.71 -0.12	38.21 -0.89 -0.49	40.02 -0.98 0.00	42.19 -1.21 -0.30	49.68 -1.63 -0.26	51.31 -1.13 -1.22	50.04 -1.28 -0.26	50.36 -1.28 -0.58	47.48 -1.12 -0.01	38.16 -0.11 -0.37	35.07 -0.50 -0.02	32.49 -0.49 -0.03
BINGHAMTON___COGEN 23790	29.97 0.21 -0.21	28.71 0.17 -0.15	26.81 0.03 -0.83	26.01 0.03 -0.05	26.11 -0.03 -0.21	26.30 0.26 0.00	27.93 0.25 -0.05	29.79 0.16 -2.41	32.78 0.19 -1.54	32.69 0.19 -1.56	34.18 0.26 -0.79	37.35 0.33 -0.06	37.73 0.26 -0.23	39.83 0.31 -0.92	41.45 0.33 -0.12	44.62 0.39 -1.14	53.99 0.51 -2.43	55.65 0.77 -3.67	54.45 0.66 -2.73	54.14 0.66 -2.42	50.42 0.58 -1.24	39.27 0.61 -0.76	36.02 0.43 -0.05	33.27 0.26 -0.05
BIXINCNT_115KV_LOAD 355685	29.14 -0.53 -0.12	27.94 -0.54 -0.08	25.52 -0.91 -0.47	25.23 -0.73 -0.03	25.01 -1.04 -0.12	26.09 0.05 0.00	27.41 -0.25 -0.03	27.91 -0.60 -1.29	31.24 -0.68 -0.87	31.27 -0.56 -0.89	33.04 -0.53 -0.45	36.66 -0.33 -0.03	36.63 -0.74 -0.13	38.24 -0.89 -0.52	40.06 -0.94 0.00	42.21 -1.21 -0.32	49.81 -1.58 -0.34	51.44 -1.08 -1.30	50.08 -1.33 -0.35	50.20 -1.48 -0.62	47.24 -1.36 -0.01	38.41 0.11 -0.39	35.25 -0.32 -0.03	32.39 -0.59 -0.03
BLACK RIVER___HYD 24047	29.20 -0.38 -0.04	28.05 -0.37 -0.02	25.73 -0.36 -0.14	25.57 -0.36 -0.01	25.60 -0.36 -0.03	25.77 -0.26 0.00	27.37 -0.28 -0.01	27.03 -0.35 -0.17	30.82 -0.53 -0.30	30.68 -0.56 -0.30	32.54 -0.73 -0.15	36.26 -0.70 -0.01	36.58 -0.71 -0.04	38.20 -0.58 -0.18	40.57 -0.74 -0.30	43.88 -0.77 -1.56	54.01 -0.20 -3.16	53.85 0.05 -2.59	54.76 0.51 -3.19	54.55 0.77 -2.73	51.78 0.54 -2.66	38.44 0.53 0.00	35.93 0.39 0.00	32.83 -0.13 -0.01

BLACKRVR_115KV_TB2 79977	29.20 -0.38 -0.04	28.08 -0.34 -0.02	25.73 -0.36 -0.14	25.55 -0.39 -0.01	25.60 -0.36 -0.03	25.77 -0.26 0.00	27.37 -0.28 -0.01	27.03 -0.35 -0.17	30.82 -0.53 -0.30	30.68 -0.56 -0.30	32.54 -0.73 -0.15	36.27 -0.70 -0.01	36.58 -0.71 -0.04	38.20 -0.58 -0.18	40.57 -0.74 -0.30	43.88 -0.78 -1.56	53.96 -0.26 -3.16	53.85 0.05 -2.59	54.81 0.56 -3.19	54.55 0.77 -2.73	51.78 0.53 -2.66	38.48 0.57 0.00	35.90 0.36 0.00	32.83 -0.13 -0.01
BLISS_WT_PWR 323608	29.14 -0.53 -0.12	28.34 -0.14 -0.08	25.47 -0.96 -0.47	25.26 -0.70 -0.03	25.01 -1.04 -0.12	26.17 0.13 0.00	27.66 0.00 -0.03	27.91 -0.60 -1.29	31.27 -0.65 -0.87	31.36 -0.46 -0.89	33.17 -0.40 -0.45	37.47 0.48 -0.03	36.63 -0.74 -0.13	38.20 -0.93 -0.52	40.19 -0.82 0.00	42.34 -1.08 -0.32	49.91 -1.48 -0.34	51.64 -0.87 -1.30	49.97 -1.43 -0.35	50.51 -1.17 -0.63	47.29 -1.31 -0.01	38.57 0.27 -0.39	35.21 -0.36 -0.03	33.38 0.40 -0.03
BLUE_CIRC_CHEM_DRP 24182	31.88 1.48 -0.85	30.40 1.42 -0.59	30.48 1.25 -3.28	27.41 1.27 -0.21	28.01 1.27 -0.81	27.34 1.30 0.00	29.20 1.35 -0.21	39.81 1.31 -11.28	38.50 1.40 -6.05	38.49 1.39 -6.16	37.69 1.46 -3.11	38.89 1.70 -0.23	39.83 1.68 -0.92	43.91 1.70 -3.61	42.77 1.76 0.00	47.18 1.85 -2.24	59.61 2.14 -6.41	66.25 2.20 -12.84	60.15 2.09 -7.00	59.32 2.09 -6.17	50.64 1.99 -0.06	43.43 1.63 -3.89	37.40 1.60 -0.26	34.71 1.55 -0.21
BOC_GAS_DRP 24189	31.59 1.18 -0.86	30.12 1.14 -0.59	30.30 1.01 -3.33	27.15 1.01 -0.21	27.76 1.01 -0.82	27.08 1.04 0.00	28.95 1.11 -0.21	39.41 1.06 -11.13	38.34 1.15 -6.14	38.36 1.18 -6.25	37.53 1.26 -3.15	38.60 1.40 -0.24	39.59 1.42 -0.93	43.69 1.43 -3.66	42.57 1.56 0.00	47.00 1.64 -2.27	59.14 1.84 -6.25	65.61 1.89 -12.51	59.56 1.68 -6.82	58.70 1.63 -6.01	50.21 1.55 -0.06	42.91 1.21 -3.79	37.04 1.24 -0.26	34.42 1.25 -0.21
BOONVILLE_115KV_TB1 79983	29.81 0.24 -0.02	28.67 0.26 -0.02	26.22 0.18 -0.09	26.09 0.16 -0.01	26.13 0.18 -0.02	26.30 0.26 0.00	27.94 0.30 -0.01	27.66 0.35 -0.09	31.62 0.40 -0.16	31.50 0.40 -0.16	33.63 0.43 -0.08	37.52 0.55 -0.01	37.82 0.56 -0.02	39.40 0.69 -0.09	41.72 0.66 -0.06	44.12 0.69 -0.34	52.83 1.17 -0.60	53.18 1.33 -0.64	53.12 1.28 -0.79	53.06 1.33 -0.68	50.40 1.17 -0.64	38.82 0.91 0.00	36.29 0.75 0.00	33.39 0.43 -0.01
BORALEX_4TH_BRANCH 23824	32.39 1.98 -0.86	30.89 1.90 -0.59	30.97 1.69 -3.33	27.80 1.66 -0.21	28.39 1.63 -0.82	27.73 1.69 0.00	29.72 1.88 -0.21	43.36 1.85 -14.29	39.33 2.14 -6.14	39.35 2.16 -6.25	38.63 2.35 -3.15	39.85 2.66 -0.24	40.78 2.61 -0.93	44.93 2.66 -3.66	43.84 2.83 0.00	48.38 3.02 -2.27	63.37 3.47 -8.84	72.40 3.48 -17.71	63.98 3.27 -9.65	62.83 3.27 -8.51	51.74 3.06 -0.08	45.74 2.46 -5.37	38.25 2.35 -0.36	35.41 2.24 -0.21
BOWLINE___1 23526	31.80 1.59 -0.65	30.27 1.42 -0.45	29.79 1.30 -2.53	27.36 1.27 -0.16	27.75 1.19 -0.63	27.28 1.25 0.00	29.29 1.49 -0.16	35.48 1.44 -6.83	37.43 1.71 -4.67	37.42 1.73 -4.75	37.37 1.85 -2.40	39.13 1.99 -0.18	39.96 2.01 -0.71	43.59 2.20 -2.78	43.47 2.46 0.00	47.45 2.63 -1.73	57.68 3.22 -3.40	61.35 3.33 -6.81	57.57 2.81 -3.71	56.83 2.50 -3.27	50.91 2.28 -0.03	41.72 1.74 -2.07	37.42 1.74 -0.14	34.83 1.71 -0.16
BOWLINE___2 23595	31.80 1.59 -0.65	30.27 1.42 -0.45	29.81 1.32 -2.53	27.39 1.30 -0.16	27.75 1.19 -0.63	27.28 1.25 0.00	29.29 1.49 -0.16	35.48 1.44 -6.83	37.43 1.71 -4.67	37.42 1.73 -4.75	37.37 1.85 -2.40	39.17 2.03 -0.18	40.00 2.05 -0.71	43.63 2.24 -2.78	43.51 2.50 0.00	47.53 2.72 -1.73	57.73 3.27 -3.40	61.46 3.43 -6.81	57.68 3.27 -3.71	56.93 2.60 -3.27	51.00 2.38 -0.03	41.76 1.78 -2.07	37.42 1.74 -0.14	34.83 1.71 -0.16
BRADY___115KV_TB2 356060	29.43 -0.12 0.00	28.37 -0.03 0.00	26.06 0.10 0.00	26.08 0.16 0.00	26.06 0.13 0.00	26.06 0.03 0.00	27.55 -0.08 0.00	27.14 -0.08 0.00	30.93 -0.12 0.00	30.81 -0.12 0.00	32.92 -0.20 0.00	36.70 -0.26 0.00	37.09 -0.15 0.00	38.22 -0.39 0.00	40.60 -0.41 0.00	42.62 -0.47 0.00	50.60 -0.46 0.00	50.49 -0.72 0.00	50.54 -0.51 0.00	50.70 -0.36 0.00	48.35 -0.24 0.00	38.06 0.15 0.00	35.75 0.21 0.00	33.06 0.10 0.00
BRANSCOMB___SOLAR 323811	32.36 1.92 -0.89	30.83 1.82 -0.61	30.98 1.58 -3.44	27.70 1.56 -0.22	28.34 1.56 -0.85	27.68 1.64 0.00	29.59 1.74 -0.22	45.58 1.74 -16.62	39.39 1.99 -6.35	39.38 1.98 -6.46	38.40 2.02 -3.26	39.53 2.33 -0.24	40.51 2.31 -0.96	44.71 2.32 -3.79	43.39 2.38 0.00	47.98 2.54 -2.35	64.78 3.06 -10.66	75.68 3.12 -21.34	65.91 3.22 -11.63	64.73 3.42 -10.25	52.04 3.35 -0.10	47.07 2.69 -6.47	38.40 2.42 -0.44	35.35 2.17 -0.22
BRENTWOD_69_KV_W. BRTWOOD 56703	51.82 3.22 -19.05	38.36 2.95 -7.01	33.90 2.60 -5.35	31.41 2.57 -2.91	31.12 2.46 -2.73	30.82 2.58 -2.21	34.93 2.93 -4.36	38.98 2.91 -8.85	48.91 3.48 -14.38	59.01 3.50 -24.58	56.43 3.54 -19.77	58.25 3.88 -17.41	58.66 3.84 -17.59	55.76 4.05 -13.10	70.66 4.43 -25.22	66.31 4.57 -18.65	73.65 5.26 -17.33	84.34 5.43 -27.70	72.60 4.90 -16.65	66.15 4.70 -10.40	67.44 4.71 -14.13	65.41 3.41 -24.09	52.67 3.52 -13.61	50.61 3.56 -14.09
BRISTLHL_115KV_TB1 79998	29.01 -0.59 -0.05	27.84 -0.60 -0.04	25.57 -0.60 -0.21	25.29 -0.65 -0.01	25.33 -0.65 -0.05	25.49 -0.55 0.00	27.09 -0.55 -0.01	26.93 -0.52 -0.23	30.83 -0.62 -0.39	30.75 -0.59 -0.40	32.66 -0.66 -0.20	36.27 -0.70 -0.02	36.56 -0.74 -0.06	38.15 -0.69 -0.23	40.75 -0.78 -0.52	45.02 -0.78 -2.70	55.79 -0.82 -5.56	55.78 -0.67 -5.23	56.79 -0.71 -6.45	55.85 -0.71 -5.51	53.43 -0.73 -5.57	37.26 -0.64 0.00	34.90 -0.64 0.00	32.31 -0.66 -0.01
BROOKHAVEN___DRP 24191	51.94 3.34 -19.05	38.47 3.07 -7.01	34.03 2.73 -5.35	31.53 2.70 -2.91	31.25 2.59 -2.73	30.93 2.68 -2.21	35.06 3.07 -4.36	39.12 3.05 -8.85	49.09 3.66 -14.38	59.17 3.65 -24.58	56.67 3.78 -19.77	58.47 4.10 -17.41	58.89 4.06 -17.59	61.73 4.32 -18.80	69.96 4.72 -24.24	66.61 4.87 -18.65	74.16 5.77 -17.33	91.77 5.94 -34.62	82.08 5.41 -25.62	90.05 5.36 -33.64	65.33 5.00 -11.74	64.81 3.71 -23.19	52.92 3.77 -13.61	50.84 3.79 -14.09
BROOKLYN_NAVY_YARD 23515	32.03 1.80 -0.68	30.45 1.59 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.93 1.35 -0.65	27.44 1.40 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.74 2.12 -2.49	39.51 2.37 -0.19	40.36 2.39 -0.74	44.20 2.70 -2.89	44.04 3.03 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.54 3.63 -3.86	57.68 3.22 -3.40	51.49 2.87 -0.03	42.06 2.01 -2.15	37.68 1.99 -0.15	35.03 1.91 -0.17
BROOKLYN___ARMY_DRP 323595	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17



BROOKVLE_69_KV_TB1 55790	50.96 2.36 -19.05	37.56 2.16 -7.01	33.33 2.02 -5.35	30.83 2.00 -2.91	30.57 1.92 -2.73	30.22 1.98 -2.21	34.26 2.27 -4.36	38.30 2.23 -8.85	47.97 2.55 -14.37	58.14 2.63 -24.58	55.70 2.82 -19.76	57.51 3.14 -17.41	57.95 3.13 -17.58	53.56 3.47 -11.48	65.44 3.85 -20.58	65.87 4.14 -18.65	73.34 4.95 -17.33	82.06 5.12 -25.73	69.70 4.54 -14.10	59.08 4.24 -3.79	54.88 3.79 -2.50	54.65 2.77 -13.98	51.85 2.70 -13.61	49.69 2.64 -14.09
BROOME_2_LFGE 323671	29.97 0.21 -0.21	28.80 0.25 -0.15	26.79 0.00 -0.83	26.01 0.03 -0.05	26.11 -0.03 -0.21	26.32 0.29 0.00	27.99 0.30 -0.05	29.79 0.16 -2.41	32.78 0.19 -1.54	32.72 0.22 -1.56	34.21 0.30 -0.79	37.53 0.52 -0.06	37.74 0.26 -0.23	39.83 0.31 -0.92	41.49 0.37 -0.12	44.61 0.39 -1.14	54.05 0.56 -2.43	55.70 0.82 -3.67	54.40 0.61 -2.73	54.20 0.71 -2.43	50.42 0.59 -1.24	39.31 0.64 -0.76	36.02 0.43 -0.05	33.47 0.46 -0.05
BROOME___LFGE 323600	29.97 0.21 -0.21	28.80 0.25 -0.15	26.79 0.00 -0.83	26.01 0.03 -0.05	26.11 -0.03 -0.21	26.32 0.29 0.00	27.99 0.30 -0.05	29.79 0.16 -2.41	32.78 0.19 -1.54	32.72 0.22 -1.56	34.21 0.30 -0.79	37.53 0.52 -0.06	37.74 0.26 -0.23	39.83 0.31 -0.92	41.49 0.37 -0.12	44.61 0.39 -1.14	54.05 0.56 -2.43	55.70 0.82 -3.67	54.40 0.61 -2.73	54.20 0.71 -2.43	50.42 0.59 -1.24	39.31 0.64 -0.76	36.02 0.43 -0.05	33.47 0.46 -0.05
BROWNFLS_115KV_TB_3_5 80003	29.07 -0.50 -0.02	27.95 -0.45 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.67 -0.36 0.00	27.11 -0.53 -0.01	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.41 -1.27 -0.08	39.67 -1.44 -0.10	42.07 -1.55 -0.53	50.48 -1.63 -1.06	51.40 -1.13 -1.32	51.96 -0.71 -1.62	51.93 -0.51 -1.38	48.97 -0.78 -1.16	37.64 -0.27 0.00	35.40 -0.14 0.00	32.63 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	32.30 2.07 -0.68	30.74 1.87 -0.47	30.33 1.74 -2.63	27.81 1.71 -0.17	28.16 1.58 -0.65	27.70 1.67 0.00	29.76 1.96 -0.17	36.25 1.93 -7.10	38.24 2.33 -4.85	38.26 2.38 -4.94	38.13 2.52 -2.49	39.91 2.77 -0.19	40.77 2.79 -0.74	44.66 3.17 -2.89	44.53 3.53 0.00	48.68 3.79 -1.79	59.24 4.65 -3.54	63.11 4.81 -7.08	59.15 4.24 -3.86	58.24 3.78 -3.40	52.03 3.40 -0.03	42.40 2.35 -2.15	38.03 2.35 -0.15	35.46 2.34 -0.17
BURROWS___LYONSDAL 23803	29.63 0.06 -0.02	28.50 0.09 -0.02	26.07 0.03 -0.09	25.96 0.03 -0.01	25.98 0.03 -0.02	26.14 0.10 0.00	27.75 0.11 -0.01	27.48 0.16 -0.10	31.41 0.19 -0.17	31.26 0.15 -0.17	33.37 0.17 -0.09	37.22 0.26 -0.01	37.53 0.26 -0.03	39.09 0.39 -0.10	41.41 0.33 -0.08	43.83 0.30 -0.44	52.64 0.77 -0.82	52.98 0.87 -0.90	53.13 0.97 -1.11	53.02 1.02 -0.95	50.31 0.83 -0.89	38.63 0.72 0.00	36.11 0.57 0.00	33.23 0.26 -0.01
CAITHNESS_CC_1 323624	51.79 3.19 -19.05	38.11 2.70 -7.01	33.95 2.65 -5.35	31.43 2.59 -2.91	31.17 2.51 -2.73	30.85 2.60 -2.21	34.98 2.99 -4.36	38.98 2.91 -8.85	48.97 3.54 -14.38	58.98 3.46 -24.58	56.47 3.58 -19.77	58.21 3.84 -17.41	58.55 3.72 -17.59	61.35 3.98 -18.76	69.66 4.43 -24.22	66.35 4.61 -18.65	73.85 5.47 -17.33	91.47 5.68 -34.57	81.71 5.10 -25.55	89.64 5.10 -33.48	65.00 4.71 -11.70	64.54 3.49 -23.15	52.71 3.55 -13.61	50.64 3.59 -14.09
CALPINE BETH_PAGE_GT4 24209	51.23 2.63 -19.05	37.85 2.44 -7.01	33.48 2.18 -5.35	30.99 2.15 -2.91	30.73 2.07 -2.73	30.38 2.13 -2.21	34.46 2.46 -4.36	38.38 2.31 -8.85	48.19 2.76 -14.37	58.24 2.72 -24.58	55.73 2.85 -19.76	57.51 3.14 -17.41	57.95 3.13 -17.58	53.68 3.40 -11.67	65.62 3.77 -20.84	65.75 4.01 -18.65	73.19 4.80 -17.33	82.15 4.97 -25.97	69.90 4.44 -14.41	59.93 4.29 -4.59	55.52 3.79 -3.14	55.27 2.81 -14.56	51.96 2.81 -13.61	49.85 2.80 -14.09
CALPINE_BETH_PAGE_GT_4 323586	51.11 2.51 -19.05	37.59 2.19 -7.01	33.40 2.10 -5.35	30.91 2.08 -2.91	30.63 1.97 -2.73	30.28 2.03 -2.21	34.37 2.38 -4.36	38.38 2.31 -8.85	48.19 2.76 -14.37	58.24 2.72 -24.58	55.70 2.81 -19.76	57.51 3.14 -17.41	57.91 3.09 -17.58	53.64 3.36 -11.67	65.58 3.73 -20.84	65.75 4.01 -18.65	73.24 4.85 -17.33	82.20 5.02 -25.97	69.90 4.44 -14.41	59.93 4.29 -4.59	55.53 3.79 -3.14	55.31 2.84 -14.56	52.00 2.84 -13.61	49.78 2.73 -14.09
CALPINE_BP_GT1 23823	51.11 2.51 -19.05	37.59 2.19 -7.01	33.40 2.10 -5.35	30.91 2.08 -2.91	30.63 1.97 -2.73	30.28 2.03 -2.21	34.37 2.38 -4.36	38.38 2.31 -8.85	48.19 2.76 -14.37	58.24 2.72 -24.58	55.70 2.81 -19.76	57.51 3.14 -17.41	57.91 3.09 -17.58	53.64 3.36 -11.67	65.58 3.73 -20.84	65.75 4.01 -18.65	73.24 4.85 -17.33	82.20 5.02 -25.97	69.90 4.44 -14.41	59.93 4.29 -4.59	55.53 3.79 -3.14	55.31 2.84 -14.56	52.00 2.84 -13.61	49.78 2.73 -14.09
CALSPAN___DRP 24200	29.52 -0.15 -0.11	28.25 -0.23 -0.08	25.77 -0.62 -0.44	25.31 -0.65 -0.03	25.23 -0.80 -0.11	25.98 -0.05 0.00	27.44 -0.22 -0.03	27.95 -0.46 -1.20	31.31 -0.56 -0.81	31.27 -0.49 -0.83	33.01 -0.53 -0.42	36.62 -0.37 -0.03	36.66 -0.71 -0.12	38.16 -0.93 -0.48	39.98 -1.03 0.00	42.14 -1.25 -0.30	49.56 -1.74 -0.24	51.24 -1.18 -1.20	50.02 -1.28 -0.24	50.35 -1.28 -0.57	47.48 -1.12 -0.01	38.04 -0.23 -0.36	34.96 -0.60 -0.02	32.49 -0.49 -0.03
CALVERTON___SOLAR 323806	52.08 3.49 -19.05	38.36 2.95 -7.01	34.18 2.88 -5.35	31.69 2.85 -2.91	31.40 2.75 -2.73	31.08 2.84 -2.21	35.23 3.23 -4.36	39.25 3.18 -8.85	49.28 3.85 -14.38	59.32 3.80 -24.58	56.83 3.94 -19.77	58.65 4.28 -17.41	58.96 4.13 -17.59	61.86 4.44 -18.82	70.25 5.00 -24.24	66.95 5.21 -18.65	74.56 6.18 -17.33	92.25 6.40 -34.64	82.46 5.77 -25.64	90.58 5.82 -33.71	65.74 5.39 -11.75	65.09 3.98 -23.20	53.17 4.01 -13.61	51.00 3.95 -14.09
CANDIGU_WT_PWR 323617	29.64 -0.06 -0.15	28.55 0.06 -0.10	26.12 -0.42 -0.58	25.60 -0.36 -0.04	25.61 -0.47 -0.14	26.24 0.21 0.00	27.81 0.14 -0.04	28.68 -0.14 -1.60	31.93 -0.19 -1.06	31.89 -0.12 -1.08	33.63 -0.03 -0.55	37.33 0.33 -0.04	37.18 -0.22 -0.16	38.93 -0.31 -0.63	40.83 -0.24 -0.06	43.54 -0.26 -0.71	52.07 -0.30 -1.32	53.69 0.21 -2.27	52.37 -0.15 -1.47	52.61 0.10 -1.46	49.22 -0.05 -0.68	38.82 0.42 -0.49	35.61 0.04 -0.03	33.36 0.36 -0.04
CARR STREET_E_SYR 24060	29.29 -0.32 -0.06	28.13 -0.31 -0.04	25.78 -0.42 -0.24	25.50 -0.44 -0.02	25.55 -0.44 -0.06	25.75 -0.29 0.00	27.35 -0.30 -0.02	27.18 -0.30 -0.26	31.06 -0.43 -0.45	30.99 -0.40 -0.45	32.95 -0.40 -0.23	36.57 -0.41 -0.02	36.86 -0.45 -0.07	38.45 -0.42 -0.27	40.72 -0.45 -0.16	43.63 -0.43 -0.97	52.39 -0.41 -1.75	52.54 -0.31 -1.64	52.66 -0.41 -2.02	52.42 -0.35 -1.72	49.89 -0.44 -1.74	37.57 -0.34 0.00	35.08 -0.46 0.00	32.54 -0.43 -0.02
CARTHAGE___PAPER 23857	29.20 -0.38 -0.03	28.02 -0.40 -0.02	25.72 -0.36 -0.13	25.57 -0.36 -0.01	25.60 -0.36 -0.03	25.75 -0.29 0.00	27.31 -0.33 -0.01	27.01 -0.38 -0.17	30.76 -0.59 -0.30	30.65 -0.59 -0.30	32.51 -0.76 -0.15	36.23 -0.74 -0.01	36.50 -0.78 -0.04	38.20 -0.58 -0.18	40.52 -0.78 -0.30	43.83 -0.82 -1.56	54.01 -0.20 -3.16	53.26 -0.20 -2.26	54.09 0.26 -2.78	53.89 0.46 -2.37	51.17 0.29 -2.28	38.21 0.30 0.00	35.82 0.28 0.00	32.83 -0.13 -0.01

CASSADAGA_WT_PWR 323784	30.03 0.36 -0.12	29.04 0.57 -0.08	26.19 -0.23 -0.47	25.86 -0.10 -0.03	25.73 -0.31 -0.12	26.69 0.65 0.00	28.27 0.61 -0.03	28.76 0.27 -1.27	32.19 0.28 -0.86	32.24 0.43 -0.87	34.12 0.56 -0.44	38.10 1.11 -0.03	37.59 0.22 -0.13	39.16 0.04 -0.51	41.21 0.21 0.00	43.41 0.00 -0.32	51.12 -0.25 -0.32	52.85 0.36 -1.28	51.17 -0.20 -0.32	52.03 0.36 -0.61	48.74 0.15 -0.01	39.32 1.02 -0.39	35.89 0.32 -0.03	33.88 0.89 -0.03
CE_DUNWOOD___DRP 24194	32.03 1.80 -0.68	30.48 1.62 -0.47	30.06 1.48 -2.63	27.55 1.45 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.49 1.69 -0.17	35.93 1.63 -7.08	37.85 1.96 -4.84	37.87 2.01 -4.92	37.76 2.15 -2.49	39.51 2.37 -0.19	40.36 2.38 -0.73	44.12 2.63 -2.89	43.92 2.91 0.00	48.03 3.15 -1.79	58.36 3.78 -3.53	62.22 3.94 -7.06	58.33 3.42 -3.85	57.51 3.06 -3.39	51.44 2.82 -0.03	42.06 2.01 -2.14	37.68 1.99 -0.15	35.13 2.01 -0.17
CE_MILLWOOD___DRP 24193	31.97 1.74 -0.67	30.45 1.59 -0.47	30.00 1.43 -2.61	27.52 1.43 -0.17	27.90 1.32 -0.65	27.39 1.35 0.00	29.43 1.63 -0.17	35.84 1.58 -7.04	37.73 1.86 -4.82	37.75 1.92 -4.90	37.68 2.09 -2.47	39.43 2.29 -0.18	40.24 2.27 -0.73	43.99 2.51 -2.87	43.84 2.83 0.00	47.89 3.02 -1.78	58.19 3.62 -3.51	62.03 3.79 -7.03	58.15 3.27 -3.83	57.39 2.96 -3.38	51.35 2.72 -0.03	41.97 1.93 -2.13	37.60 1.92 -0.14	35.03 1.91 -0.17
CE_NYC2_DRP 24202	32.18 1.95 -0.68	30.54 1.68 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.00 1.69 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.17 3.16 0.00	48.33 3.45 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.67 3.22 -3.40	51.49 2.87 -0.03	41.95 1.90 -2.15	37.75 2.06 -0.15	35.30 2.18 -0.17
CE_NYC_DRP 24195	32.09 1.86 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.99 2.08 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.17 3.16 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.59 4.30 -7.08	58.64 3.73 -3.86	57.72 3.27 -3.40	51.59 2.96 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
CHAFFEE___LFGE 323603	29.52 -0.15 -0.12	28.50 0.03 -0.08	25.71 -0.70 -0.46	25.36 -0.60 -0.03	25.24 -0.80 -0.11	26.17 0.13 0.00	27.63 -0.03 -0.03	28.03 -0.44 -1.25	31.37 -0.53 -0.84	31.42 -0.37 -0.86	33.19 -0.36 -0.43	37.21 0.22 -0.03	36.77 -0.60 -0.13	38.26 -0.85 -0.50	40.27 -0.74 0.00	42.46 -0.95 -0.31	49.97 -1.38 -0.29	51.70 -0.77 -1.25	50.12 -1.23 -0.29	50.84 -0.82 -0.60	47.57 -1.02 -0.01	38.33 0.04 -0.38	35.03 -0.53 -0.03	33.22 0.23 -0.03
CHATEAUG_35_KV_LOAD 355732	29.40 -0.15 0.00	28.42 0.03 0.00	26.08 0.13 0.00	26.16 0.23 0.00	26.14 0.21 0.00	26.14 0.10 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.21 0.16 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.92 -0.04 0.00	37.39 0.15 0.00	38.72 0.12 0.00	41.25 0.25 0.00	43.26 0.17 0.00	51.41 0.36 0.00	51.52 0.31 0.00	51.62 0.56 0.00	51.92 0.87 0.00	49.51 0.92 0.00	38.67 0.76 0.00	36.11 0.57 0.00	33.39 0.43 0.00
CHATEAUG_WT_PWR 323614	29.43 -0.12 0.00	28.34 -0.06 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.24 0.19 0.00	31.06 0.12 0.00	33.15 0.03 0.00	36.96 0.19 0.00	37.43 0.16 0.00	38.76 0.29 0.00	41.30 0.29 0.00	43.27 0.17 0.00	51.36 0.31 0.00	51.47 0.26 0.00	51.67 0.61 0.00	51.87 0.81 0.00	49.51 0.92 0.00	38.55 0.64 0.00	36.11 0.57 0.00	33.38 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	29.40 -0.15 0.00	28.34 -0.06 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.21 0.16 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.92 -0.04 0.00	37.39 0.15 0.00	38.72 0.12 0.00	41.26 0.25 0.00	43.22 0.13 0.00	51.36 0.31 0.00	51.47 0.26 0.00	51.67 0.61 0.00	51.87 0.81 0.00	49.51 0.92 0.00	38.55 0.64 0.00	36.11 0.57 0.00	33.38 0.43 0.00
CHAUTAUQUA___LFGE 323629	29.90 0.24 -0.12	28.84 0.37 -0.08	26.07 -0.34 -0.46	25.70 -0.26 -0.03	25.63 -0.42 -0.11	26.48 0.44 0.00	28.02 0.36 -0.03	28.49 0.03 -1.24	31.93 0.03 -0.84	31.95 0.16 -0.86	33.79 0.23 -0.43	37.73 0.74 -0.03	37.33 -0.04 -0.13	38.88 -0.23 -0.50	40.93 -0.08 0.00	43.15 -0.26 -0.31	50.78 -0.56 -0.29	52.56 0.10 -1.25	50.88 -0.46 -0.29	51.71 0.05 -0.60	48.45 -0.15 -0.01	38.93 0.64 -0.38	35.57 0.00 -0.03	33.61 0.62 -0.03
CHERRYST_13_KV_LD 356241	32.18 1.95 -0.68	30.60 1.73 -0.47	30.20 1.61 -2.63	27.70 1.61 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.65 1.85 -0.17	36.14 1.82 -7.10	38.11 2.20 -4.85	38.16 2.29 -4.94	38.03 2.42 -2.49	39.80 2.66 -0.19	40.62 2.64 -0.74	44.51 3.01 -2.89	44.37 3.36 0.00	48.55 3.66 -1.79	59.03 4.44 -3.54	62.85 4.56 -7.08	58.90 3.98 -3.86	57.93 3.47 -3.40	51.78 3.16 -0.03	42.22 2.16 -2.15	37.85 2.17 -0.15	35.30 2.18 -0.17
CHESTROR_138KV_BK263 355645	31.59 1.42 -0.62	30.13 1.31 -0.43	29.52 1.17 -2.39	27.22 1.14 -0.15	27.61 1.09 -0.59	27.15 1.12 0.00	29.08 1.30 -0.15	34.94 1.28 -6.45	36.98 1.52 -4.41	36.97 1.55 -4.49	37.04 1.66 -2.27	38.94 1.81 -0.17	39.70 1.79 -0.67	43.24 2.01 -2.63	43.26 2.26 0.00	47.14 2.41 -1.63	57.13 2.86 -3.21	60.67 3.02 -6.43	57.16 2.60 -3.51	56.49 2.35 -3.09	50.81 2.19 -0.03	41.45 1.59 -1.95	37.24 1.56 -0.13	34.69 1.58 -0.15
CH_MIDHUDSON___DRP 24192	32.05 1.80 -0.70	30.55 1.68 -0.48	30.13 1.48 -2.69	27.58 1.48 -0.17	27.97 1.37 -0.67	27.44 1.41 0.00	29.43 1.63 -0.17	36.19 1.63 -7.34	37.94 1.89 -4.99	37.93 1.92 -5.08	37.77 2.09 -2.56	39.44 2.29 -0.19	40.31 2.31 -0.76	44.09 2.51 -2.98	43.80 2.79 0.00	47.91 2.97 -1.85	58.25 3.52 -3.67	62.25 3.69 -7.36	58.33 3.27 -4.01	57.60 3.01 -3.53	51.44 2.82 -0.03	42.22 2.08 -2.23	37.72 2.03 -0.15	35.14 2.01 -0.17
CH_MISC_IPPS 23765	32.15 1.92 -0.68	30.63 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.10 1.72 -7.17	37.98 2.02 -4.90	37.97 2.04 -4.99	37.83 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.16 2.63 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.50 3.88 -3.57	62.46 4.10 -7.15	58.53 3.57 -3.90	57.86 3.37 -3.44	51.74 3.11 -0.03	42.47 2.39 -2.17	37.89 2.20 -0.15	35.27 2.14 -0.17
CH_RES_BVR_FALLS 23983	29.28 -0.27 0.00	28.14 -0.26 0.00	25.77 -0.18 0.00	25.77 -0.15 0.00	25.77 -0.15 0.00	25.83 -0.21 0.00	27.41 -0.22 0.00	27.00 -0.22 0.00	30.80 -0.25 0.00	30.69 -0.25 0.00	32.86 -0.27 0.00	36.62 -0.33 0.00	36.94 -0.30 0.00	38.26 -0.35 0.00	40.64 -0.37 0.00	42.66 -0.43 0.00	50.59 -0.46 0.00	50.65 -0.56 0.00	50.59 -0.46 0.00	50.59 -0.46 0.00	48.20 -0.39 0.00	37.60 -0.30 0.00	35.29 -0.25 0.00	32.73 -0.23 0.00

CH_RES_NIAGARA 23895	29.09 -0.56 -0.11	27.87 -0.60 -0.07	25.32 -1.04 -0.41	24.81 -1.14 -0.03	24.92 -1.11 -0.10	25.20 -0.83 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.37 -1.30 -0.73	32.09 -1.39 -0.36	35.41 -1.55 -0.01	35.51 -1.82 -0.09	36.83 -2.20 -0.42	38.73 -2.26 0.02	40.93 -2.41 -0.25	47.75 -3.32 -0.02	49.59 -2.72 -1.10	47.92 -3.21 -0.08	49.08 -2.50 -0.53	46.12 -2.48 -0.01	36.53 -1.71 -0.33	33.54 -2.02 -0.02	31.99 -0.99 -0.03
CH_RES_SYRACUSE 23985	29.42 -0.21 -0.07	28.27 -0.17 -0.05	25.94 -0.28 -0.27	25.64 -0.31 -0.02	25.69 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.15 -0.50	31.35 -0.09 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.83 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.70 0.10 -3.54	55.16 0.26 -3.69	55.25 0.10 -4.09	54.71 0.15 -3.50	51.86 0.05 -3.22	38.15 0.04 -0.20	35.48 -0.07 -0.01	32.84 -0.13 -0.02
CLINTON_WT_PWR 323605	29.43 -0.12 0.00	28.34 -0.06 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.24 0.19 0.00	31.06 0.12 0.00	33.15 0.03 0.00	36.96 0.00 0.00	37.43 0.19 0.00	38.76 0.16 0.00	41.30 0.29 0.00	43.27 0.17 0.00	51.36 0.31 0.00	51.47 0.26 0.00	51.67 0.61 0.00	51.87 0.81 0.00	49.51 0.92 0.00	38.55 0.64 0.00	36.11 0.57 0.00	33.38 0.43 0.00
CLINTON___LFGE 323618	29.64 0.09 0.00	28.57 0.17 0.00	26.32 0.36 0.00	26.37 0.44 0.00	26.32 0.39 0.00	26.32 0.29 0.00	27.91 0.28 0.00	27.60 0.38 0.00	31.49 0.43 0.00	31.31 0.37 0.00	33.39 0.26 0.00	37.25 0.29 0.00	37.80 0.56 0.00	39.11 0.50 0.00	41.66 0.65 0.00	43.61 0.52 0.00	51.82 0.77 0.00	52.03 0.82 0.00	52.18 1.12 0.00	52.48 1.43 0.00	50.10 1.51 0.00	38.97 1.06 0.00	36.46 0.92 0.00	33.68 0.72 0.00
COBBLENY_34_KV_TB1 80064	29.52 -0.15 -0.12	28.22 -0.26 -0.08	25.76 -0.65 -0.46	25.34 -0.62 -0.03	25.24 -0.80 -0.11	26.03 0.00 0.00	27.50 -0.17 -0.03	28.03 -0.44 -1.25	31.37 -0.53 -0.84	31.36 -0.43 -0.86	33.09 -0.46 -0.43	36.73 -0.26 -0.03	36.73 -0.63 -0.13	38.30 -0.81 -0.50	40.15 -0.86 0.00	42.28 -1.12 -0.31	49.82 -1.53 -0.29	51.49 -0.97 -1.25	50.22 -1.12 -0.29	50.53 -1.12 -0.60	47.58 -1.02 -0.01	38.21 -0.08 -0.38	35.07 -0.50 -0.03	32.52 -0.46 -0.03
COFFEEN___115KV_TB3 355620	29.35 -0.24 -0.04	28.22 -0.20 -0.03	25.84 -0.26 -0.14	25.68 -0.26 -0.01	25.70 -0.26 -0.04	25.88 -0.16 0.00	27.50 -0.14 -0.01	27.17 -0.22 -0.17	30.95 -0.40 -0.30	30.81 -0.43 -0.30	32.68 -0.60 -0.15	36.45 -0.52 -0.01	36.76 -0.52 -0.05	38.44 -0.35 -0.18	40.78 -0.53 -0.30	44.12 -0.56 -1.59	54.36 0.10 -3.21	54.32 0.46 -2.65	55.29 0.97 -3.26	55.07 1.23 -2.79	52.33 1.02 -2.72	38.86 0.95 0.00	36.22 0.68 0.00	33.00 0.03 -0.01
COLDSPRG_115KV_BK1 355956	29.56 -0.12 -0.13	28.31 -0.17 -0.09	25.87 -0.57 -0.48	25.62 -0.34 -0.03	25.35 -0.70 -0.12	26.53 0.49 0.00	27.91 0.25 -0.03	28.43 -0.11 -1.33	31.79 -0.16 -0.89	31.72 -0.12 -0.91	33.51 -0.07 -0.46	36.92 -0.07 -0.03	36.93 -0.45 -0.13	38.60 -0.54 -0.53	40.47 -0.53 0.00	42.60 -0.82 -0.33	50.36 -1.07 -0.38	51.88 -0.67 -1.34	50.58 -0.87 -0.39	50.83 -0.87 -0.64	47.87 -0.73 -0.01	38.99 0.68 -0.40	35.71 0.14 -0.03	32.69 -0.30 -0.03
COLONIE_LFGE___ 323577	32.08 1.65 -0.88	30.59 1.59 -0.61	30.75 1.40 -3.39	27.52 1.37 -0.22	28.14 1.37 -0.84	27.47 1.43 0.00	29.40 1.55 -0.22	44.22 1.52 -15.48	39.08 1.77 -6.26	39.07 1.76 -6.37	38.22 1.89 -3.21	39.34 2.14 -0.24	40.31 2.12 -0.95	44.46 2.12 -3.73	43.26 2.25 0.00	47.77 2.37 -2.31	63.63 2.81 -9.77	73.58 2.81 -19.56	64.42 2.70 -10.66	63.16 2.70 -9.40	51.26 2.57 -0.09	45.88 2.05 -5.93	37.86 1.92 -0.40	35.02 1.84 -0.22
COOPERNY_115KV_TB1 80082	31.06 1.03 -0.47	29.68 0.97 -0.32	28.61 0.83 -1.82	26.87 0.83 -0.12	27.16 0.78 -0.45	26.84 0.81 0.00	28.69 0.94 -0.12	33.08 0.93 -4.94	35.53 1.12 -3.36	35.46 1.11 -3.42	36.07 1.23 -1.72	38.42 1.33 -0.13	39.09 1.34 -0.51	42.11 1.51 -2.00	42.65 1.64 0.00	46.10 1.77 -1.24	55.67 2.14 -2.47	58.41 2.25 -4.95	55.74 1.99 -2.70	55.22 1.79 -2.38	50.27 1.65 -0.02	40.62 1.21 -1.50	36.82 1.17 -0.10	34.23 1.15 -0.12
COPENHAGEN_WT_PWR 323753	29.20 -0.38 -0.04	28.02 -0.40 -0.03	25.71 -0.39 -0.15	25.52 -0.42 -0.01	25.58 -0.39 -0.04	25.75 -0.29 0.00	27.34 -0.30 -0.01	27.04 -0.35 -0.18	30.83 -0.53 -0.31	30.66 -0.59 -0.31	32.55 -0.73 -0.16	36.23 -0.74 -0.01	36.54 -0.74 -0.05	38.21 -0.58 -0.18	40.58 -0.74 -0.31	43.90 -0.82 -1.63	54.05 -0.30 -3.29	53.92 -0.05 -2.76	54.81 0.36 -3.39	54.57 0.61 -2.90	51.82 0.39 -2.84	38.33 0.42 0.00	35.82 0.28 0.00	32.80 -0.16 -0.01
CORNELL___ 23752	30.14 0.44 -0.15	28.90 0.40 -0.10	26.77 0.23 -0.58	26.17 0.21 -0.04	26.28 0.21 -0.14	26.50 0.47 0.00	28.17 0.50 -0.04	29.38 0.57 -1.59	32.70 0.62 -1.03	32.54 0.56 -1.04	34.28 0.63 -0.53	37.73 0.74 -0.04	38.07 0.67 -0.16	39.99 0.77 -0.61	41.99 0.82 -0.16	45.17 0.90 -1.17	54.83 1.23 -2.55	56.20 1.64 -3.35	55.54 1.58 -2.90	55.24 1.63 -2.55	51.85 1.51 -1.75	39.56 1.14 -0.52	36.46 0.89 -0.04	33.65 0.66 -0.04
CORONA_AAV_69_KV_TB1 355595	51.02 2.42 -19.05	37.71 2.30 -7.01	33.33 2.02 -5.35	30.83 2.00 -2.91	30.57 1.92 -2.73	30.22 1.98 -2.21	34.24 2.24 -4.36	38.27 2.20 -8.85	48.00 2.58 -14.37	58.11 2.60 -24.57	55.60 2.72 -19.76	57.36 2.99 -17.41	57.84 3.02 -17.58	53.30 3.28 -11.41	65.24 3.65 -20.58	65.62 3.88 -18.64	73.03 4.65 -17.33	81.67 4.81 -25.65	69.39 4.34 -13.99	58.76 4.19 -3.52	54.78 3.69 -2.50	54.56 2.69 -13.96	51.85 2.70 -13.61	49.72 2.67 -14.09
CORTLAND_115KV_TB3 80093	29.88 0.21 -0.12	28.68 0.20 -0.08	26.50 0.08 -0.47	26.01 0.05 -0.03	26.10 0.05 -0.12	26.27 0.23 0.00	27.94 0.28 -0.03	28.80 0.35 -1.23	32.28 0.40 -0.82	32.14 0.37 -0.84	34.01 0.46 -0.42	37.54 0.55 -0.03	37.85 0.48 -0.12	39.67 0.58 -0.49	41.79 0.62 -0.17	44.86 0.65 -1.12	54.25 0.77 -2.43	55.29 1.08 -3.00	54.85 1.02 -2.77	54.49 1.02 -2.41	51.32 0.92 -1.80	39.02 0.72 -0.40	36.10 0.53 -0.03	33.32 0.33 -0.03
COXSACKIE___GT 23611	32.64 2.28 -0.81	31.28 2.33 -0.56	30.97 1.87 -3.14	28.13 2.00 -0.20	28.55 1.84 -0.78	28.04 2.00 0.00	30.02 2.18 -0.20	39.95 2.04 -10.70	39.03 2.17 -5.80	38.88 2.04 -5.90	38.05 1.95 -2.98	39.62 2.44 -0.22	40.39 2.27 -0.88	44.26 2.20 -3.46	43.51 2.50 0.00	47.95 2.72 -2.14	60.27 3.17 -6.05	66.85 3.53 -12.11	61.18 3.52 -6.60	60.50 3.63 -5.82	52.29 3.65 -0.06	44.46 2.88 -3.67	38.42 2.63 -0.25	35.73 2.57 -0.20
CPV_VALLEY___CC1 323721	31.30 1.18 -0.57	29.84 1.05 -0.39	29.11 0.96 -2.19	27.00 0.93 -0.14	27.35 0.88 -0.54	26.95 0.91 0.00	28.88 1.11 -0.14	34.19 1.06 -5.91	36.34 1.24 -4.04	36.31 1.27 -4.11	36.59 1.39 -2.08	38.63 1.52 -0.16	39.38 1.53 -0.61	42.71 1.70 -2.41	42.90 1.89 0.00	46.61 2.03 -1.49	56.45 2.45 -2.95	59.73 2.61 -5.90	56.47 2.19 -3.22	55.88 1.99 -2.84	50.37 1.75 -0.03	41.06 1.36 -1.79	36.94 1.28 -0.12	34.35 1.25 -0.14

CPV_VALLEY___CC2 323722	31.30 1.18 -0.57	29.84 1.05 -0.39	29.11 0.96 -2.19	27.00 0.93 -0.14	27.35 0.88 -0.54	26.95 0.91 0.00	28.88 1.11 -0.14	34.19 1.06 -5.91	36.34 1.24 -4.04	36.31 1.27 -4.11	36.59 1.39 -2.08	38.63 1.52 -0.16	39.38 1.53 -0.61	42.71 1.70 -2.41	42.90 1.89 0.00	46.61 2.03 -1.49	56.45 2.45 -2.95	59.73 2.61 -5.90	56.47 2.19 -3.22	55.88 1.99 -2.84	50.37 1.75 -0.03	41.06 1.36 -1.79	36.94 1.28 -0.12	34.35 1.25 -0.14
CRESCENT___HYD 24018	32.08 1.65 -0.88	30.59 1.59 -0.61	30.75 1.40 -3.39	27.52 1.37 -0.22	28.14 1.37 -0.84	27.47 1.43 0.00	29.40 1.55 -0.22	44.22 1.52 -15.48	39.08 1.77 -6.26	39.07 1.76 -6.37	38.22 1.89 -3.21	39.34 2.14 -0.24	40.31 2.12 -0.95	44.46 2.12 -3.73	43.26 2.25 0.00	47.77 2.37 -2.31	63.63 2.81 -9.77	73.58 2.81 -19.56	64.42 2.70 -10.66	63.16 2.70 -9.40	51.26 2.57 -0.09	45.88 2.05 -5.93	37.86 1.92 -0.40	35.02 1.84 -0.22
CRICKET___VALLEY_CC1 323756	31.90 1.62 -0.72	30.34 1.45 -0.50	30.10 1.35 -2.80	27.43 1.32 -0.18	27.89 1.27 -0.69	27.34 1.30 0.00	29.33 1.52 -0.18	36.37 1.47 -7.68	37.89 1.68 -5.16	37.89 1.70 -5.26	37.69 1.92 -2.65	39.26 2.11 -0.20	40.07 2.05 -0.78	43.88 2.20 -3.08	43.43 2.42 0.00	47.50 2.50 -1.91	57.89 2.96 -3.87	61.98 3.02 -7.75	57.98 2.70 -4.22	57.23 2.45 -3.72	50.91 2.28 -0.04	42.08 1.82 -2.35	37.51 1.81 -0.16	34.95 1.81 -0.18
CRICKET___VALLEY_CC2 323757	31.90 1.62 -0.72	30.34 1.45 -0.50	30.10 1.35 -2.80	27.43 1.32 -0.18	27.89 1.27 -0.69	27.34 1.30 0.00	29.33 1.52 -0.18	36.37 1.47 -7.68	37.89 1.68 -5.16	37.89 1.70 -5.26	37.69 1.92 -2.65	39.26 2.11 -0.20	40.07 2.05 -0.78	43.88 2.20 -3.08	43.43 2.42 0.00	47.50 2.50 -1.91	57.89 2.96 -3.87	61.98 3.02 -7.75	57.98 2.70 -4.22	57.23 2.45 -3.72	50.91 2.28 -0.04	42.08 1.82 -2.35	37.51 1.81 -0.16	34.95 1.81 -0.18
CRICKET___VALLEY_CC3 323758	31.90 1.62 -0.72	30.34 1.45 -0.50	30.10 1.35 -2.80	27.43 1.32 -0.18	27.89 1.27 -0.69	27.34 1.30 0.00	29.33 1.52 -0.18	36.37 1.47 -7.68	37.89 1.68 -5.16	37.89 1.70 -5.26	37.69 1.92 -2.65	39.26 2.11 -0.20	40.07 2.05 -0.78	43.88 2.20 -3.08	43.43 2.42 0.00	47.50 2.50 -1.91	57.89 2.96 -3.87	61.98 3.02 -7.75	57.98 2.70 -4.22	57.23 2.45 -3.72	50.91 2.28 -0.04	42.08 1.82 -2.35	37.51 1.81 -0.16	34.95 1.81 -0.18
CRUCIBLE_METL_DRP 24180	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
DAHOWA___HYDRO 323763	32.39 1.95 -0.89	30.88 1.87 -0.62	31.02 1.61 -3.45	27.73 1.58 -0.22	28.39 1.61 -0.85	27.73 1.69 0.00	29.65 1.80 -0.22	45.79 1.80 -16.78	39.53 2.11 -6.37	39.49 2.07 -6.48	38.48 2.09 -3.27	39.60 2.40 -0.24	40.59 2.39 -0.97	44.80 2.39 -3.80	43.43 2.42 0.00	48.03 2.59 -2.35	65.00 3.17 -10.78	76.08 3.28 -21.59	66.24 3.42 -11.77	65.05 3.63 -10.37	52.24 3.55 -0.10	47.30 2.84 -6.55	38.51 2.52 -0.44	35.42 2.24 -0.22
DANC___LFGE 323619	29.12 -0.47 -0.04	27.94 -0.48 -0.03	25.63 -0.49 -0.17	25.42 -0.52 -0.01	25.48 -0.49 -0.04	25.64 -0.39 0.00	27.23 -0.41 -0.01	26.98 -0.44 -0.19	30.80 -0.59 -0.34	30.66 -0.62 -0.34	32.53 -0.76 -0.17	36.19 -0.78 -0.01	36.51 -0.78 -0.05	38.11 -0.69 -0.20	40.54 -0.82 -0.36	44.09 -0.86 -1.86	54.17 -0.67 -3.78	54.13 -0.41 -3.33	55.01 -0.15 -4.11	54.56 0.00 -3.51	51.93 -0.15 -3.49	37.91 0.00 0.00	35.43 -0.11 0.00	32.57 -0.39 -0.01
DANSKAMMER___1 23586	32.15 1.92 -0.68	30.63 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.10 1.72 -7.17	37.98 2.02 -4.90	37.97 2.04 -4.99	37.83 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.16 2.63 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.50 3.88 -3.57	62.46 4.10 -7.15	58.53 3.57 -3.90	57.86 3.37 -3.44	51.74 3.11 -0.03	42.47 2.39 -2.17	37.89 2.20 -0.15	35.27 2.14 -0.17
DANSKAMMER___2 23589	32.15 1.92 -0.68	30.63 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.10 1.72 -7.17	37.98 2.02 -4.90	37.97 2.04 -4.99	37.83 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.16 2.63 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.50 3.88 -3.57	62.46 4.10 -7.15	58.53 3.57 -3.90	57.86 3.37 -3.44	51.74 3.11 -0.03	42.47 2.39 -2.17	37.89 2.20 -0.15	35.27 2.14 -0.17
DANSKAMMER___3 23590	32.15 1.92 -0.68	30.63 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.10 1.72 -7.17	37.98 2.02 -4.90	37.97 2.04 -4.99	37.83 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.16 2.63 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.50 3.88 -3.57	62.46 4.10 -7.15	58.53 3.57 -3.90	57.86 3.37 -3.44	51.74 3.11 -0.03	42.47 2.39 -2.17	37.89 2.20 -0.15	35.27 2.14 -0.17
DANSKAMMER___4 23591	32.15 1.92 -0.68	30.63 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.10 1.72 -7.17	37.98 2.02 -4.90	37.97 2.04 -4.99	37.83 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.16 2.63 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.50 3.88 -3.57	62.46 4.10 -7.15	58.53 3.57 -3.90	57.86 3.37 -3.44	51.74 3.11 -0.03	42.47 2.39 -2.17	37.89 2.20 -0.15	35.27 2.14 -0.17
DANSKAMMER___DIESEL 23592	32.15 1.92 -0.68	30.62 1.76 -0.47	30.17 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.15 1.71 -7.21	37.98 2.02 -4.90	38.00 2.07 -4.99	37.83 2.19 -2.52	39.55 2.40 -0.19	40.40 2.42 -0.74	44.19 2.66 -2.92	43.96 2.95 0.00	48.09 3.19 -1.81	58.54 3.88 -3.61	62.53 4.10 -7.23	58.57 3.57 -3.94	57.85 3.32 -3.47	51.74 3.11 -0.03	42.41 2.31 -2.19	37.89 2.20 -0.15	35.30 2.18 -0.17
DARBY___SOLAR 323810	32.36 1.92 -0.89	30.83 1.82 -0.61	30.98 1.58 -3.44	27.73 1.58 -0.22	28.34 1.56 -0.85	27.70 1.67 0.00	29.62 1.77 -0.22	45.61 1.77 -16.62	39.49 2.08 -6.35	39.44 2.04 -6.46	38.47 2.09 -3.26	39.60 2.40 -0.24	40.59 2.39 -0.96	44.79 2.39 -3.79	43.47 2.46 0.00	48.07 2.63 -2.35	64.89 3.17 -10.66	75.79 3.23 -21.35	66.01 3.32 -11.64	64.83 3.52 -10.26	52.09 3.40 -0.10	47.11 2.73 -6.47	38.43 2.45 -0.44	35.35 2.17 -0.22
DASHVILLE___HYD 23610	31.44 1.18 -0.70	29.96 1.08 -0.49	29.64 0.96 -2.72	27.27 1.17 -0.17	27.46 0.86 -0.67	27.08 1.04 0.00	29.11 1.30 -0.17	36.29 1.12 -7.96	37.44 1.34 -5.05	37.50 1.42 -5.14	37.24 1.52 -2.59	38.92 1.77 -0.19	39.68 1.68 -0.77	43.51 1.89 -3.01	43.39 2.38 0.00	47.24 2.28 -1.87	57.97 2.76 -4.15	62.50 2.97 -8.32	57.99 2.40 -4.53	57.14 2.09 -4.00	50.62 1.99 -0.04	41.79 1.36 -2.52	37.10 1.39 -0.17	34.78 1.65 -0.17

DEERFIELD_69_KV_DEERFIELD LD 355887	52.94 4.34 -19.05	39.41 4.00 -7.01	34.86 3.56 -5.35	32.34 3.50 -2.91	32.08 3.42 -2.73	31.76 3.51 -2.21	35.95 3.95 -4.36	40.05 3.97 -8.85	50.21 4.78 -14.38	60.28 4.76 -24.58	57.99 5.10 -19.77	60.02 5.65 -17.41	60.49 5.66 -17.59	63.47 6.02 -18.84	71.94 6.68 -24.25	68.72 6.98 -18.65	76.66 8.27 -17.33	94.43 8.55 -34.67	84.65 7.91 -25.68	92.61 7.76 -33.79	67.56 7.19 -11.78	66.52 5.38 -23.23	54.34 5.19 -13.61	52.03 4.98 -14.09
DELAWARE___LFGE 323621	30.82 1.00 -0.27	29.55 0.97 -0.19	27.80 0.80 -1.04	26.80 0.80 -0.07	27.02 0.83 -0.26	26.95 0.91 0.00	28.69 0.99 -0.07	32.49 0.98 -4.29	34.12 1.15 -1.92	34.00 1.11 -1.95	35.33 1.23 -0.99	38.40 1.37 -0.07	38.87 1.34 -0.29	41.26 1.51 -1.14	42.63 1.56 -0.06	45.73 1.64 -1.00	56.28 1.99 -3.23	59.26 2.20 -5.85	56.72 2.09 -3.57	56.30 2.09 -3.15	51.15 1.90 -0.66	41.01 1.52 -1.59	37.00 1.35 -0.11	34.18 1.15 -0.07
DERFIELD_115KV_TB7 355931	29.61 0.06 0.00	28.45 0.06 0.00	25.98 0.03 0.00	25.93 0.00 0.00	25.95 0.03 0.00	26.06 0.03 0.00	27.69 0.06 0.00	27.27 0.05 0.00	31.12 0.06 0.00	31.00 0.06 0.00	33.19 0.07 0.00	37.03 0.07 0.00	37.32 0.07 0.00	38.72 0.12 0.00	41.09 0.08 0.00	43.18 0.09 0.00	51.21 0.15 0.00	51.42 0.20 0.00	51.21 0.15 0.00	51.21 0.15 0.00	48.69 0.10 0.00	37.98 0.08 0.00	35.61 0.07 0.00	33.02 0.07 0.00
DOGLEVILLE___HYD 23807	29.37 -0.18 0.00	28.37 -0.03 0.00	25.77 -0.18 0.00	25.75 -0.18 0.00	25.75 -0.18 0.00	25.85 -0.18 0.00	27.50 -0.14 0.00	27.08 -0.14 0.00	30.93 -0.12 0.00	30.94 0.00 0.00	33.12 0.00 0.00	36.96 0.00 0.00	37.24 0.00 0.00	38.64 0.04 0.00	41.01 0.00 0.00	43.09 0.00 0.00	51.21 0.15 0.00	51.47 0.26 0.00	51.00 -0.05 0.00	51.00 -0.05 0.00	48.49 -0.10 0.00	37.87 -0.04 0.00	35.54 0.00 0.00	32.89 -0.07 0.00
DUNKIRK___115KV_TB_200 55889	29.85 0.18 -0.12	28.59 0.11 -0.08	26.10 -0.31 -0.46	25.65 -0.31 -0.03	25.58 -0.47 -0.11	26.32 0.29 0.00	27.86 0.19 -0.03	28.43 -0.03 -1.24	31.86 -0.03 -0.84	31.79 0.00 -0.85	33.59 0.03 -0.43	37.21 0.22 -0.03	37.26 -0.11 -0.13	38.87 -0.23 -0.50	40.72 -0.29 0.00	42.89 -0.52 -0.31	50.52 -0.82 -0.29	52.20 -0.26 -1.25	50.93 -0.41 -0.28	51.29 -0.36 -0.60	48.31 -0.29 -0.01	38.74 0.45 -0.38	35.53 -0.04 -0.03	32.92 -0.07 -0.03
DUNKIRK___1 23563	29.85 0.18 -0.12	28.59 0.11 -0.08	26.10 -0.31 -0.46	25.65 -0.31 -0.03	25.58 -0.47 -0.11	26.32 0.29 0.00	27.86 0.19 -0.03	28.43 -0.03 -1.24	31.86 -0.03 -0.84	31.79 0.00 -0.85	33.59 0.03 -0.43	37.21 0.22 -0.03	37.26 -0.11 -0.13	38.87 -0.23 -0.50	40.72 -0.29 0.00	42.89 -0.52 -0.31	50.52 -0.82 -0.29	52.20 -0.26 -1.25	50.93 -0.41 -0.28	51.29 -0.36 -0.60	48.31 -0.29 -0.01	38.74 0.45 -0.38	35.53 -0.04 -0.03	32.92 -0.07 -0.03
DUNKIRK___2 23564	29.85 0.18 -0.12	28.59 0.11 -0.08	26.10 -0.31 -0.46	25.65 -0.31 -0.03	25.58 -0.47 -0.11	26.32 0.29 0.00	27.86 0.19 -0.03	28.43 -0.03 -1.24	31.86 -0.03 -0.84	31.79 0.00 -0.85	33.59 0.03 -0.43	37.21 0.22 -0.03	37.26 -0.11 -0.13	38.87 -0.23 -0.50	40.72 -0.29 0.00	42.89 -0.52 -0.31	50.52 -0.82 -0.29	52.20 -0.26 -1.25	50.93 -0.41 -0.28	51.29 -0.36 -0.60	48.31 -0.29 -0.01	38.74 0.45 -0.38	35.53 -0.04 -0.03	32.92 -0.07 -0.03
DUNKIRK___3 23565	29.64 -0.03 -0.12	28.39 -0.09 -0.08	25.92 -0.49 -0.45	25.47 -0.49 -0.03	25.42 -0.62 -0.11	26.16 0.13 0.00	27.63 -0.03 -0.03	28.21 -0.24 -1.24	31.58 -0.31 -0.84	31.51 -0.28 -0.85	33.32 -0.23 -0.43	36.88 -0.11 -0.03	36.96 -0.41 -0.13	38.53 -0.58 -0.50	40.39 -0.62 0.00	42.58 -0.82 -0.31	50.11 -1.23 -0.28	51.79 -0.67 -1.24	50.52 -0.82 -0.28	50.83 -0.82 -0.59	47.92 -0.68 -0.01	38.40 0.11 -0.37	35.28 -0.28 -0.03	32.69 -0.30 -0.03
DUNKIRK___4 23566	29.64 -0.03 -0.12	28.39 -0.09 -0.08	25.92 -0.49 -0.45	25.47 -0.49 -0.03	25.42 -0.62 -0.11	26.16 0.13 0.00	27.63 -0.03 -0.03	28.21 -0.24 -1.24	31.58 -0.31 -0.84	31.51 -0.28 -0.85	33.32 -0.23 -0.43	36.88 -0.11 -0.03	36.96 -0.41 -0.13	38.53 -0.58 -0.50	40.39 -0.62 0.00	42.58 -0.82 -0.31	50.11 -1.23 -0.28	51.79 -0.67 -1.24	50.52 -0.82 -0.28	50.83 -0.82 -0.59	47.92 -0.68 -0.01	38.40 0.11 -0.37	35.28 -0.28 -0.03	32.69 -0.30 -0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.09 1.86 -0.68	30.54 1.68 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.54 1.74 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.95 2.07 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.43 2.46 -0.74	44.24 2.74 -2.89	44.08 3.08 0.00	48.16 3.28 -1.79	58.52 3.93 -3.54	62.39 4.10 -7.08	58.49 3.57 -3.86	57.67 3.22 -3.40	51.59 2.96 -0.03	42.14 2.08 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.80 1.60 -0.66	30.32 1.48 -0.45	29.82 1.32 -2.54	27.39 1.30 -0.16	27.75 1.19 -0.63	27.26 1.22 0.00	29.26 1.46 -0.16	35.76 1.52 -7.02	37.62 1.80 -4.77	37.64 1.86 -4.85	37.52 1.95 -2.45	39.28 2.14 -0.18	40.12 2.16 -0.72	43.84 2.39 -2.84	43.67 2.67 0.00	47.70 2.84 -1.76	58.04 3.47 -3.52	61.94 3.69 -7.04	58.11 3.22 -3.84	57.40 2.96 -3.38	51.35 2.72 -0.03	42.05 2.01 -2.13	37.64 1.95 -0.14	35.07 1.94 -0.16
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.31 2.07 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.76 1.66 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.89 1.58 -7.10	37.80 1.89 -4.85	37.85 1.98 -4.94	37.70 2.09 -2.49	39.40 2.25 -0.19	40.25 2.27 -0.74	44.12 2.63 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.83 4.24 -3.54	62.75 4.46 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.35 2.72 -0.03	41.80 1.74 -2.15	37.75 2.06 -0.15	35.44 2.31 -0.18
E179THST_13_KV_LOAD 356214	32.43 2.19 -0.69	30.74 1.87 -0.47	30.38 1.79 -2.63	27.86 1.76 -0.17	28.19 1.61 -0.65	27.65 1.61 0.00	29.71 1.91 -0.17	36.03 1.71 -7.10	37.99 2.08 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.58 2.44 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.29 3.28 0.00	48.51 3.62 -1.79	59.19 4.59 -3.54	63.11 4.81 -7.08	59.05 4.14 -3.86	57.72 3.27 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.93 2.24 -0.15	35.60 2.47 -0.18
EAST HAMPTON___GT 23717	53.38 4.79 -19.05	39.55 4.15 -7.01	35.27 3.97 -5.35	32.78 3.94 -2.91	32.49 3.84 -2.73	32.18 3.93 -2.21	36.39 4.39 -4.36	40.53 4.46 -8.85	50.74 5.31 -14.38	60.84 5.32 -24.58	58.62 5.73 -19.77	60.76 6.39 -17.41	61.05 6.22 -17.59	64.05 6.60 -18.84	72.77 7.50 -24.25	69.71 7.97 -18.65	77.83 9.44 -17.33	95.66 9.78 -34.67	85.82 9.09 -25.68	93.74 8.88 -33.80	68.53 8.16 -11.78	67.20 6.06 -23.23	54.98 5.83 -13.61	52.58 5.54 -14.09
EAST RIVER___6 23660	32.12 1.89 -0.68	30.51 1.65 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.06 1.74 -7.09	38.05 2.14 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.69 2.55 -0.19	40.51 2.53 -0.74	44.40 2.90 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	58.93 4.34 -3.54	62.80 4.51 -7.08	58.79 3.88 -3.86	57.88 3.42 -3.40	51.74 3.11 -0.03	42.25 2.20 -2.15	37.82 2.13 -0.15	35.17 2.04 -0.17

EAST_RIVER___7 23524	32.12 1.89 -0.68	30.51 1.65 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.06 1.74 -7.09	38.05 2.14 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.69 2.55 -0.19	40.51 2.53 -0.74	44.40 2.90 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	58.93 4.34 -3.54	62.80 4.51 -7.08	58.79 3.88 -3.86	57.88 3.42 -3.40	51.74 3.11 -0.03	42.25 2.20 -2.15	37.82 2.13 -0.15	35.17 2.04 -0.17
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.03 1.80 -0.68	30.48 1.62 -0.47	30.06 1.48 -2.63	27.55 1.45 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.49 1.69 -0.17	35.93 1.63 -7.08	37.85 1.96 -4.84	37.87 2.01 -4.92	37.76 2.15 -2.49	39.51 2.37 -0.19	40.36 2.38 -0.73	44.12 2.63 -2.89	43.92 2.91 0.00	48.03 3.15 -1.79	58.36 3.78 -3.53	62.22 3.94 -7.06	58.33 3.42 -3.85	57.51 3.06 -3.39	51.44 2.82 -0.03	42.06 2.01 -2.14	37.68 1.99 -0.15	35.13 2.01 -0.17
EAST_HAMPTON___DIESEL 23722	53.38 4.79 -19.05	39.58 4.18 -7.01	35.30 4.00 -5.35	32.81 3.97 -2.91	32.49 3.84 -2.73	32.18 3.93 -2.21	36.42 4.42 -4.36	40.53 4.46 -8.85	50.77 5.34 -14.38	60.87 5.35 -24.58	58.65 5.76 -19.77	60.76 6.39 -17.41	61.05 6.22 -17.59	64.09 6.64 -18.84	72.81 7.55 -24.25	69.71 7.97 -18.65	77.88 9.49 -17.33	95.71 9.83 -34.67	85.82 9.09 -25.68	93.79 8.93 -33.80	68.53 8.16 -11.78	67.24 6.10 -23.23	54.98 5.83 -13.61	52.62 5.57 -14.09
EAST_PULASKI___ESR 323781	29.07 -0.53 -0.05	27.89 -0.54 -0.03	25.58 -0.57 -0.19	25.34 -0.60 -0.01	25.41 -0.57 -0.05	25.54 -0.49 0.00	27.15 -0.50 -0.01	26.97 -0.46 -0.21	30.83 -0.59 -0.37	30.72 -0.59 -0.38	32.55 -0.76 -0.19	36.16 -0.81 -0.01	36.44 -0.86 -0.06	38.02 -0.81 -0.22	40.58 -0.90 -0.47	44.60 -0.95 -2.45	55.13 -0.97 -5.04	55.10 -0.77 -4.66	56.13 -0.66 -5.74	55.34 -0.61 -4.90	52.89 -0.63 -4.93	37.45 -0.45 0.00	35.01 -0.53 0.00	32.31 -0.66 -0.01
EAST_RIVER___1 323558	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.72 -7.09	37.99 2.08 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.17 3.16 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.77 3.32 -3.40	51.59 2.96 -0.03	42.18 2.12 -2.15	37.75 2.06 -0.15	35.10 1.98 -0.17
EAST_RIVER___2 323559	32.12 1.89 -0.68	30.51 1.65 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.06 1.74 -7.09	38.05 2.14 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.69 2.55 -0.19	40.51 2.53 -0.74	44.40 2.90 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	58.93 4.34 -3.54	62.80 4.51 -7.08	58.79 3.88 -3.86	57.88 3.42 -3.40	51.74 3.11 -0.03	42.25 2.20 -2.15	37.82 2.13 -0.15	35.17 2.04 -0.17
EAST___DELAWARE_HYD 23607	31.77 1.62 -0.59	30.45 1.65 -0.41	29.58 1.32 -2.30	27.37 1.30 -0.15	27.72 1.22 -0.57	27.26 1.22 0.00	29.24 1.46 -0.15	35.12 1.47 -6.43	37.06 1.74 -4.26	37.10 1.82 -4.34	37.27 1.95 -2.19	39.30 2.18 -0.16	40.05 2.16 -0.65	43.54 2.39 -2.54	43.71 2.71 0.00	47.60 2.93 -1.58	57.95 3.63 -3.27	61.70 3.94 -6.55	57.89 3.27 -3.57	57.26 3.06 -3.15	51.44 2.82 -0.03	42.09 2.20 -1.99	37.63 1.95 -0.13	34.98 1.88 -0.15
EIGHT_POINT___WT_PWR 323820	29.90 0.21 -0.14	28.86 0.37 -0.10	26.29 -0.21 -0.54	25.83 -0.13 -0.03	25.83 -0.23 -0.13	26.56 0.52 0.00	28.14 0.47 -0.03	28.87 0.16 -1.49	32.23 0.19 -0.99	32.22 0.28 -1.01	34.00 0.37 -0.51	37.81 0.81 -0.04	37.62 0.22 -0.15	39.35 0.16 -0.59	41.36 0.29 -0.06	44.08 0.30 -0.68	52.85 0.51 -1.28	54.40 1.02 -2.16	53.14 0.66 -1.43	53.43 0.97 -1.41	49.96 0.68 -0.68	39.39 1.02 -0.46	36.11 0.53 -0.03	33.82 0.82 -0.03
ELBRIDGE_115KV_TB2 80188	29.39 -0.24 -0.07	28.19 -0.26 -0.05	25.93 -0.31 -0.29	25.58 -0.36 -0.02	25.64 -0.36 -0.07	25.83 -0.21 0.00	27.46 -0.19 -0.02	27.79 -0.16 -0.74	31.39 -0.19 -0.53	31.25 -0.22 -0.54	33.19 -0.20 -0.27	36.75 -0.22 -0.02	37.06 -0.26 -0.08	38.69 -0.23 -0.31	41.04 -0.29 -0.32	44.60 -0.26 -1.77	54.64 -0.20 -3.79	55.17 0.00 -3.96	55.44 0.00 -4.38	54.76 -0.05 -3.75	51.99 -0.05 -3.44	38.01 -0.11 -0.22	35.38 -0.18 -0.01	32.71 -0.26 -0.02
ELEC_TRO_TEK 24086	50.93 2.33 -19.05	37.56 2.16 -7.01	33.22 1.92 -5.35	30.73 1.89 -2.91	30.44 1.79 -2.73	30.12 1.87 -2.21	34.15 2.16 -4.36	38.16 2.10 -8.85	47.94 2.52 -14.37	58.05 2.54 -24.57	55.53 2.65 -19.76	57.29 2.92 -17.41	57.73 2.90 -17.58	53.20 3.17 -11.43	65.07 3.49 -20.58	65.44 3.71 -18.64	72.83 4.44 -17.33	81.49 4.61 -25.67	69.16 4.08 -14.02	58.58 3.93 -3.59	54.59 3.50 -2.50	54.41 2.54 -13.97	51.75 2.59 -13.61	49.62 2.57 -14.09
ELLENBURG_WT_PWR 323604	29.43 -0.12 0.00	28.34 -0.06 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.24 0.19 0.00	31.06 0.12 0.00	33.15 0.03 0.00	36.96 0.00 0.00	37.43 0.19 0.00	38.76 0.16 0.00	41.30 0.29 0.00	43.27 0.17 0.00	51.36 0.31 0.00	51.47 0.26 0.00	51.67 0.61 0.00	51.87 0.81 0.00	49.51 0.92 0.00	38.55 0.64 0.00	36.11 0.57 0.00	33.38 0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.48 -0.18 -0.11	28.22 -0.26 -0.08	25.74 -0.65 -0.43	25.23 -0.73 -0.03	25.23 -0.80 -0.11	25.85 -0.18 0.00	27.33 -0.33 -0.03	27.87 -0.52 -1.17	31.23 -0.62 -0.80	31.16 -0.59 -0.81	32.90 -0.63 -0.41	36.51 -0.48 -0.03	36.54 -0.82 -0.12	38.04 -1.04 -0.47	39.86 -1.15 0.00	42.01 -1.38 -0.29	49.32 -1.94 -0.21	51.00 -1.38 -1.17	49.77 -1.48 -0.19	50.19 -1.43 -0.56	47.33 -1.26 -0.01	37.77 -0.49 -0.35	34.75 -0.82 -0.02	32.39 -0.59 -0.03
EMPIRE_CC_1 323656	31.83 1.45 -0.83	30.36 1.39 -0.57	30.38 1.22 -3.21	27.35 1.22 -0.20	27.92 1.19 -0.79	27.28 1.25 0.00	29.19 1.35 -0.20	38.50 1.31 -9.98	38.46 1.49 -5.91	38.44 1.48 -6.02	37.78 1.62 -3.04	39.03 1.85 -0.23	39.92 1.79 -0.90	43.71 1.58 -3.52	42.73 1.72 0.00	47.09 1.81 -2.19	58.50 2.04 -5.40	64.03 2.00 -10.82	58.79 1.84 -5.90	58.04 1.79 -5.20	50.44 1.80 -0.05	42.63 1.44 -3.28	37.22 1.46 -0.22	34.71 1.55 -0.20
EMPIRE_CC_2 323658	31.83 1.45 -0.83	30.36 1.39 -0.57	30.38 1.22 -3.21	27.35 1.22 -0.20	27.92 1.19 -0.79	27.28 1.25 0.00	29.19 1.35 -0.20	38.50 1.31 -9.98	38.46 1.49 -5.91	38.44 1.48 -6.02	37.78 1.62 -3.04	39.03 1.85 -0.23	39.92 1.79 -0.90	43.71 1.58 -3.52	42.73 1.72 0.00	47.09 1.81 -2.19	58.50 2.04 -5.40	64.03 2.00 -10.82	58.79 1.84 -5.90	58.04 1.79 -5.20	50.44 1.80 -0.05	42.63 1.44 -3.28	37.22 1.46 -0.22	34.71 1.55 -0.20
ENORWICH_115KV_TB1 80156	31.29 1.54 -0.20	30.01 1.48 -0.14	27.90 1.17 -0.78	27.15 1.17 -0.05	27.31 1.19 -0.19	27.60 1.56 0.00	29.40 1.71 -0.05	31.48 1.69 -2.57	34.30 1.83 -1.42	34.08 1.70 -1.44	35.64 1.79 -0.73	39.08 2.07 -0.05	39.50 2.05 -0.21	41.73 2.28 -0.85	43.35 2.21 -0.12	46.59 2.37 -1.13	57.26 3.47 -2.73	59.67 4.30 -4.16	58.67 4.54 -3.07	58.51 4.75 -2.71	54.30 4.37 -1.33	42.32 3.53 -0.88	38.44 2.84 -0.06	35.05 2.04 -0.05

ERIE_ST__34_KV_TB1-2 80199	29.25 -0.41 -0.12	27.99 -0.48 -0.08	25.52 -0.88 -0.45	25.26 -0.70 -0.03	25.00 -1.04 -0.11	26.14 0.10 0.00	27.47 -0.19 -0.03	27.81 -0.63 -1.22	31.13 -0.75 -0.82	31.12 -0.65 -0.84	32.88 -0.66 -0.42	36.58 -0.41 -0.03	36.55 -0.82 -0.12	38.09 -1.00 -0.49	39.98 -1.03 0.00	42.10 -1.29 -0.30	49.63 -1.68 -0.26	51.25 -1.18 -1.22	49.99 -1.33 -0.26	50.21 -1.43 -0.58	47.24 -1.36 -0.01	38.39 0.11 -0.37	35.21 -0.36 -0.02	32.36 -0.63 -0.03
ERIE_WT_PWR 323693	29.52 -0.15 -0.11	28.50 0.03 -0.08	25.72 -0.67 -0.44	25.36 -0.60 -0.03	25.26 -0.78 -0.11	26.11 0.08 0.00	27.58 -0.08 -0.03	27.95 -0.46 -1.20	31.34 -0.53 -0.81	31.33 -0.43 -0.83	33.14 -0.40 -0.42	37.06 0.07 -0.03	36.69 -0.67 -0.12	38.13 -0.96 -0.48	40.14 -0.86 0.00	42.36 -1.03 -0.30	49.77 -1.53 -0.24	51.49 -0.92 -1.20	49.92 -1.38 -0.24	50.72 -0.92 -0.58	47.53 -1.07 -0.01	38.20 -0.08 -0.37	34.93 -0.64 -0.02	33.15 0.17 -0.03
ESPRGFLD_115KV_TB1 80157	31.13 1.74 0.16	29.98 1.70 0.11	26.75 1.43 0.63	27.29 1.40 0.04	27.20 1.43 0.16	27.65 1.61 0.00	29.28 1.69 0.04	37.59 1.66 -8.71	31.88 1.99 1.16	31.61 1.86 1.18	34.54 2.02 0.60	39.17 2.25 0.04	39.30 2.23 0.18	40.34 2.43 0.69	43.55 2.54 0.00	45.42 2.76 0.43	62.23 3.47 -7.70	70.56 3.89 -15.46	63.60 4.14 -8.41	62.57 4.08 -7.43	52.41 3.74 -0.07	45.63 3.03 -4.69	38.42 2.56 -0.32	35.03 2.11 0.04
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.11 0.41 -0.15	28.87 0.37 -0.10	26.74 0.21 -0.58	26.15 0.18 -0.04	26.25 0.18 -0.14	26.48 0.44 0.00	28.14 0.47 -0.04	29.34 0.54 -1.58	32.66 0.59 -1.02	32.50 0.53 -1.04	34.24 0.60 -0.52	37.70 0.70 -0.04	38.03 0.63 -0.15	39.95 0.73 -0.61	41.91 0.74 -0.17	45.11 0.82 -1.20	54.80 1.12 -2.62	56.16 1.54 -3.41	55.57 1.53 -2.98	55.20 1.53 -2.61	51.82 1.41 -1.82	39.52 1.10 -0.52	36.43 0.85 -0.04	33.59 0.59 -0.04
ETNA____115KV_TB2 80207	30.11 0.41 -0.15	28.87 0.37 -0.10	26.74 0.21 -0.58	26.15 0.18 -0.04	26.25 0.18 -0.14	26.48 0.44 0.00	28.14 0.47 -0.04	29.34 0.54 -1.58	32.66 0.59 -1.02	32.50 0.53 -1.04	34.24 0.60 -0.52	37.70 0.70 -0.04	38.03 0.63 -0.15	39.95 0.73 -0.61	41.91 0.74 -0.17	45.11 0.82 -1.20	54.80 1.12 -2.62	56.16 1.54 -3.41	55.57 1.53 -2.98	55.20 1.53 -2.61	51.82 1.41 -1.82	39.52 1.10 -0.52	36.43 0.85 -0.04	33.59 0.59 -0.04
EUCLID__115KV_TB2 356179	29.14 -0.47 -0.06	27.95 -0.48 -0.04	25.66 -0.52 -0.23	25.37 -0.57 -0.01	25.44 -0.54 -0.06	25.59 -0.44 0.00	27.21 -0.44 -0.01	27.05 -0.41 -0.24	30.97 -0.50 -0.42	30.89 -0.46 -0.42	32.87 -0.46 -0.21	36.45 -0.52 -0.02	36.78 -0.52 -0.06	38.31 -0.54 -0.25	40.57 -0.57 -0.14	43.30 -0.60 -0.81	51.88 -0.61 -1.44	52.04 -0.51 -1.34	52.14 -0.56 -1.65	51.85 -0.61 -1.41	49.43 -0.58 -1.42	37.38 -0.53 0.00	34.97 -0.57 0.00	32.41 -0.56 -0.01
E_CANADA_CAP_HY 24051	33.03 2.39 -1.09	31.36 2.22 -0.75	32.17 2.00 -4.22	28.14 1.95 -0.27	28.97 2.00 -1.04	28.22 2.19 0.00	30.08 2.18 -0.27	45.44 2.12 -16.10	41.35 2.51 -7.78	41.17 2.32 -7.92	39.60 2.49 -4.00	40.03 2.77 -0.30	41.14 2.72 -1.18	46.14 2.90 -4.64	44.08 3.08 0.00	49.37 3.40 -2.88	64.90 4.29 -9.55	75.00 4.66 -19.13	66.43 4.95 -10.43	65.35 5.10 -9.19	53.39 4.71 -0.09	47.65 3.94 -5.80	39.24 3.31 -0.39	36.09 2.87 -0.27
E_CANADA_MHWK_HY 24050	29.37 -0.18 0.00	28.37 -0.03 0.00	25.77 -0.18 0.00	25.75 -0.18 0.00	25.75 -0.18 0.00	25.85 -0.18 0.00	27.50 -0.14 0.00	27.08 -0.14 0.00	30.93 -0.12 0.00	30.94 0.00 0.00	33.12 0.00 0.00	36.96 0.00 0.00	37.24 0.00 0.00	38.64 0.04 0.00	41.01 0.00 0.00	43.09 0.00 0.00	51.21 0.15 0.00	51.47 0.26 0.00	51.00 -0.05 0.00	51.00 -0.05 0.00	48.49 -0.10 0.00	37.87 -0.04 0.00	35.54 0.00 0.00	32.89 -0.07 0.00
E_FISHKILL__LBMP 23776	31.90 1.65 -0.70	30.38 1.50 -0.48	30.03 1.38 -2.70	27.45 1.35 -0.17	27.89 1.30 -0.67	27.36 1.33 0.00	29.35 1.55 -0.17	36.00 1.50 -7.28	37.81 1.77 -4.98	37.80 1.79 -5.07	37.64 1.95 -2.56	39.29 2.14 -0.19	40.12 2.12 -0.76	43.93 2.35 -2.97	43.59 2.58 0.00	47.69 2.76 -1.84	58.00 3.32 -3.63	61.91 3.43 -7.26	58.03 3.01 -3.96	57.25 2.71 -3.49	51.15 2.53 -0.03	41.93 1.82 -2.20	37.54 1.85 -0.15	34.97 1.85 -0.17
FALCON__SEABRD_CC1 323796	29.73 0.18 0.00	28.62 0.23 0.00	26.40 0.44 0.00	26.45 0.52 0.00	26.40 0.47 0.00	26.40 0.36 0.00	27.99 0.36 0.00	27.65 0.43 0.00	31.58 0.53 0.00	31.40 0.46 0.00	33.49 0.37 0.00	37.33 0.37 0.00	37.83 0.59 0.00	39.19 0.58 0.00	41.79 0.78 0.00	43.74 0.65 0.00	51.92 0.87 0.00	52.08 0.87 0.00	52.28 1.22 0.00	52.54 1.48 0.00	50.15 1.55 0.00	39.04 1.14 0.00	36.53 0.99 0.00	33.75 0.79 0.00
FALCON__SEABRD_CC2 323797	29.73 0.18 0.00	28.62 0.23 0.00	26.40 0.44 0.00	26.45 0.52 0.00	26.40 0.47 0.00	26.40 0.36 0.00	27.99 0.36 0.00	27.65 0.43 0.00	31.58 0.53 0.00	31.40 0.46 0.00	33.49 0.37 0.00	37.33 0.37 0.00	37.83 0.59 0.00	39.19 0.58 0.00	41.79 0.78 0.00	43.74 0.65 0.00	51.92 0.87 0.00	52.08 0.87 0.00	52.28 1.22 0.00	52.54 1.48 0.00	50.15 1.55 0.00	39.04 1.14 0.00	36.53 0.99 0.00	33.75 0.79 0.00
FAR ROCKAWAY__4 23548	51.11 2.51 -19.05	37.99 2.58 -7.01	33.56 2.26 -5.35	31.07 2.23 -2.91	30.81 2.15 -2.73	30.46 2.21 -2.21	34.46 2.46 -4.36	38.51 2.45 -8.85	48.06 2.64 -14.37	57.95 2.44 -24.57	55.50 2.62 -19.76	57.25 2.88 -17.41	57.73 2.90 -17.58	53.26 3.24 -11.41	65.20 3.61 -20.58	65.57 3.84 -18.64	73.03 4.65 -17.33	81.67 4.81 -25.65	69.34 4.29 -13.99	58.66 4.08 -3.52	54.69 3.60 -2.50	54.49 2.62 -13.96	51.75 2.59 -13.61	49.55 2.50 -14.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.23 2.11 -0.17
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.09 1.86 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.17 3.16 0.00	48.29 3.40 -1.79	58.73 4.14 -3.54	62.59 4.30 -7.08	58.64 3.73 -3.86	57.72 3.27 -3.40	51.59 2.96 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.20 2.08 -0.17

FARRAGUT___LBMP 323566	32.06 1.83 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.68 4.08 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.03 1.97 -2.15	37.71 2.03 -0.15	35.17 2.04 -0.17
FENNER___WINDPWR 24204	29.96 0.33 -0.08	28.85 0.40 -0.06	26.45 0.18 -0.32	26.13 0.18 -0.02	26.19 0.18 -0.08	26.37 0.34 0.00	28.04 0.39 -0.02	28.46 0.43 -0.81	32.10 0.50 -0.55	31.99 0.49 -0.56	34.00 0.60 -0.28	37.72 0.74 -0.02	38.03 0.71 -0.08	39.71 0.77 -0.33	41.91 0.78 -0.13	44.74 0.82 -0.83	54.04 1.22 -1.76	54.80 1.49 -2.11	54.48 1.38 -2.04	54.24 1.43 -1.76	51.23 1.26 -1.38	39.14 0.98 -0.24	36.34 0.78 -0.02	33.50 0.53 -0.02
FIBERTEK___ENERGY 23856	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
FITZPATRICK____ 23598	28.68 -0.92 -0.04	27.54 -0.88 -0.03	25.23 -0.88 -0.16	25.03 -0.91 -0.01	25.09 -0.88 -0.04	25.23 -0.81 0.00	26.79 -0.86 -0.01	26.57 -0.82 -0.17	30.42 -0.93 -0.30	30.31 -0.93 -0.30	32.28 -0.99 -0.15	35.86 -1.11 -0.01	36.17 -1.12 -0.05	37.63 -1.16 -0.18	38.20 -1.23 1.58	34.20 -1.29 7.60	32.80 -1.48 16.77	33.90 -1.38 15.93	30.00 -1.43 19.63	32.87 -1.43 16.76	30.20 -1.41 16.98	36.81 -1.10 0.00	34.44 -1.10 0.00	31.95 -1.02 -0.01
FLOWRFLD_69_KV_BK1 356044	51.99 3.40 -19.05	38.50 3.09 -7.01	34.05 2.75 -5.35	31.53 2.70 -2.91	31.27 2.62 -2.73	30.95 2.71 -2.21	35.09 3.09 -4.36	39.15 3.08 -8.85	49.12 3.70 -14.38	59.13 3.62 -24.58	56.63 3.74 -19.77	58.47 4.10 -17.41	58.89 4.06 -17.59	64.19 4.29 -21.30	70.36 4.51 -24.84	66.48 4.74 -18.65	74.05 5.67 -17.33	94.70 5.84 -37.65	86.01 5.41 -29.55	100.07 5.21 -43.81	66.67 4.81 -13.27	66.51 3.64 -24.97	52.99 3.84 -13.61	50.87 3.82 -14.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.21 1.98 -0.68	30.71 1.85 -0.47	30.24 1.64 -2.65	27.70 1.61 -0.17	28.09 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	36.22 1.77 -7.23	38.05 2.08 -4.92	38.04 2.10 -5.00	37.87 2.22 -2.53	39.62 2.48 -0.19	40.48 2.50 -0.75	44.24 2.70 -2.93	44.04 3.03 0.00	48.19 3.28 -1.82	58.60 3.93 -3.62	62.65 4.20 -7.24	58.68 3.68 -3.95	57.95 3.42 -3.48	51.83 3.21 -0.03	42.49 2.39 -2.19	37.96 2.27 -0.15	35.37 2.24 -0.17
FORT ORANGE____ 23900	31.65 1.24 -0.86	30.15 1.16 -0.59	30.29 1.01 -3.32	27.23 1.09 -0.21	27.81 1.06 -0.82	27.15 1.12 0.00	29.03 1.19 -0.21	40.79 1.12 -12.45	38.30 1.12 -6.13	38.25 1.08 -6.23	37.40 1.13 -3.15	38.56 1.37 -0.24	39.47 1.30 -0.93	43.53 1.27 -3.65	42.36 1.35 0.00	46.82 1.47 -2.26	60.03 1.63 -7.34	67.60 1.69 -14.70	60.65 1.58 -8.01	59.65 1.53 -7.06	50.22 1.55 -0.07	43.58 1.21 -4.46	37.30 1.46 -0.30	34.58 1.42 -0.21
FORT_DRUM_COGEN 23780	29.20 -0.38 -0.04	28.08 -0.34 -0.02	25.73 -0.36 -0.14	25.57 -0.36 -0.01	25.60 -0.36 -0.03	25.77 -0.26 0.00	27.34 -0.30 -0.01	27.03 -0.35 -0.17	30.81 -0.53 -0.29	30.64 -0.59 -0.29	32.54 -0.73 -0.15	36.27 -0.70 -0.01	36.54 -0.74 -0.04	38.20 -0.58 -0.17	40.56 -0.74 -0.29	43.78 -0.82 -1.51	53.80 -0.31 -3.05	53.74 0.00 -2.53	54.68 0.51 -3.11	54.43 0.71 -2.66	51.66 0.49 -2.59	38.48 0.57 0.00	35.90 0.36 0.00	32.83 -0.13 -0.01
FPL_FAR_ROCK_GT1 24212	51.41 2.81 -19.05	37.91 2.50 -7.01	33.59 2.28 -5.35	31.09 2.25 -2.91	30.81 2.15 -2.73	30.49 2.24 -2.21	34.54 2.54 -4.36	38.51 2.45 -8.85	48.06 2.64 -14.37	57.95 2.44 -24.57	55.47 2.59 -19.76	57.29 2.92 -17.41	57.73 2.91 -17.58	53.26 3.24 -11.41	65.15 3.57 -20.58	65.57 3.83 -18.64	73.08 4.69 -17.33	81.67 4.81 -25.65	69.34 4.29 -13.99	58.71 4.13 -3.52	54.74 3.65 -2.50	54.56 2.69 -13.96	51.75 2.59 -13.61	49.52 2.47 -14.09
FPL_FAR_ROCK_GT2 23815	51.41 2.81 -19.05	37.91 2.50 -7.01	33.59 2.28 -5.35	31.09 2.25 -2.91	30.81 2.15 -2.73	30.49 2.24 -2.21	34.54 2.54 -4.36	38.51 2.45 -8.85	48.06 2.64 -14.37	57.95 2.44 -24.57	55.47 2.59 -19.76	57.29 2.92 -17.41	57.73 2.91 -17.58	53.26 3.24 -11.41	65.15 3.57 -20.58	65.57 3.83 -18.64	73.08 4.69 -17.33	81.67 4.81 -25.65	69.34 4.29 -13.99	58.71 4.13 -3.52	54.74 3.65 -2.50	54.56 2.69 -13.96	51.75 2.59 -13.61	49.52 2.47 -14.09
FRANKLIN_FALL_HYD 24054	29.43 -0.12 0.00	28.42 0.03 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.14 0.10 0.00	27.69 0.06 0.00	27.33 0.11 0.00	31.18 0.12 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.88 -0.07 0.00	37.43 0.19 0.00	38.68 0.08 0.00	41.21 0.21 0.00	43.18 0.09 0.00	51.26 0.20 0.00	51.36 0.15 0.00	51.41 0.36 0.00	51.72 0.66 0.00	49.32 0.73 0.00	38.59 0.68 0.00	36.11 0.57 0.00	33.39 0.43 0.00
FREEPORT_EQUS_GT1 23764	51.23 2.63 -19.05	37.71 2.30 -7.01	33.46 2.15 -5.35	30.96 2.13 -2.91	30.70 2.05 -2.73	30.35 2.11 -2.21	34.43 2.43 -4.36	38.43 2.37 -8.85	48.25 2.83 -14.37	58.23 2.72 -24.58	55.63 2.75 -19.76	57.43 3.07 -17.41	57.84 3.02 -17.58	53.41 3.32 -11.48	65.28 3.69 -20.58	65.66 3.92 -18.65	73.18 4.80 -17.33	81.91 4.97 -25.73	69.55 4.39 -14.10	59.15 4.29 -3.81	54.88 3.79 -2.50	54.80 2.92 -13.98	52.03 2.88 -13.61	49.82 2.77 -14.09
FREEPORT___CT2 23818	51.23 2.63 -19.05	37.71 2.30 -7.01	33.46 2.15 -5.35	30.96 2.13 -2.91	30.70 2.05 -2.73	30.35 2.11 -2.21	34.43 2.43 -4.36	38.43 2.37 -8.85	48.25 2.83 -14.37	58.23 2.72 -24.58	55.63 2.75 -19.76	57.43 3.07 -17.41	57.84 3.02 -17.58	53.41 3.32 -11.48	65.28 3.69 -20.58	65.66 3.92 -18.65	73.18 4.80 -17.33	81.91 4.97 -25.73	69.55 4.39 -14.10	59.15 4.29 -3.81	54.88 3.79 -2.50	54.80 2.92 -13.98	52.03 2.88 -13.61	49.82 2.77 -14.09
FRESHKLS_33_KV_LOAD 356253	32.27 2.04 -0.68	30.57 1.70 -0.47	30.25 1.66 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	34.92 1.52 -6.18	35.45 1.89 -2.51	35.71 1.98 -2.80	35.69 2.09 -0.48	36.96 2.29 2.29	40.31 2.35 -0.73	44.27 2.78 -2.88	44.03 3.03 0.01	48.20 3.32 -1.79	58.77 4.19 -3.53	62.69 4.40 -7.07	58.74 3.83 -3.85	57.61 3.17 -3.39	50.40 2.82 1.01	40.71 1.74 -1.06	35.73 1.99 1.80	35.23 2.11 -0.17
FULTON COGEN____ 23766	29.01 -0.59 -0.05	27.84 -0.60 -0.04	25.57 -0.60 -0.21	25.29 -0.65 -0.01	25.33 -0.65 -0.05	25.49 -0.55 0.00	27.09 -0.55 -0.01	26.93 -0.52 -0.23	30.83 -0.62 -0.39	30.75 -0.59 -0.40	32.66 -0.66 -0.20	36.27 -0.70 -0.02	36.56 -0.74 -0.06	38.15 -0.69 -0.23	40.75 -0.78 -0.52	45.02 -0.78 -2.70	55.79 -0.82 -5.56	55.78 -0.67 -5.23	56.79 -0.71 -6.45	55.85 -0.71 -5.51	53.43 -0.73 -5.57	37.26 -0.64 0.00	34.90 -0.64 0.00	32.31 -0.66 -0.01



FULTON___LFGE 323630	33.56 2.98 -1.02	32.45 3.35 -0.71	32.41 2.49 -3.96	28.62 2.44 -0.25	29.40 2.49 -0.98	28.74 2.71 0.00	30.70 2.82 -0.25	46.74 2.75 -16.77	41.61 3.26 -7.30	41.92 3.56 -7.43	40.65 3.77 -3.75	41.30 4.07 -0.28	42.41 4.06 -1.11	47.17 4.21 -4.35	45.72 4.71 0.00	51.13 5.34 -2.70	68.18 6.79 -10.34	79.39 7.48 -20.70	68.77 6.43 -11.28	67.54 6.54 -9.95	54.76 6.07 -0.10	49.04 4.85 -6.28	40.02 4.05 -0.43	36.80 3.59 -0.25
G.F.CEMENT___DRP 24184	32.49 2.04 -0.90	30.97 1.96 -0.62	31.11 1.69 -3.47	27.81 1.66 -0.22	28.45 1.66 -0.86	27.81 1.77 0.00	29.73 1.88 -0.22	46.16 1.91 -17.04	39.78 2.33 -6.39	39.70 2.26 -6.51	38.63 2.22 -3.28	39.71 2.51 -0.25	40.78 2.57 -0.97	44.93 2.51 -3.81	43.51 2.50 0.00	48.17 2.71 -2.36	65.36 3.32 -10.99	76.59 3.38 -22.00	66.82 3.78 -11.99	65.61 3.98 -10.57	52.68 3.98 -0.10	47.72 3.15 -6.67	38.77 2.77 -0.45	35.55 2.37 -0.22
GARDENVILLE___LBMP 24039	29.49 -0.18 -0.11	28.22 -0.26 -0.08	25.75 -0.65 -0.44	25.26 -0.70 -0.03	25.23 -0.80 -0.11	25.90 -0.13 0.00	27.39 -0.28 -0.03	27.90 -0.52 -1.20	31.27 -0.59 -0.81	31.20 -0.56 -0.83	32.97 -0.56 -0.42	36.54 -0.44 -0.03	36.58 -0.78 -0.12	38.09 -1.00 -0.48	39.94 -1.07 0.00	42.10 -1.29 -0.30	49.45 -1.84 -0.23	51.13 -1.28 -1.20	49.90 -1.38 -0.23	50.30 -1.33 -0.57	47.43 -1.17 -0.01	37.93 -0.34 -0.36	34.85 -0.71 -0.02	32.42 -0.56 -0.03
GARDNVLA_35_KV_LD 355827	29.58 -0.09 -0.11	28.30 -0.17 -0.08	25.83 -0.57 -0.44	25.36 -0.60 -0.03	25.29 -0.75 -0.11	26.03 0.00 0.00	27.50 -0.17 -0.03	28.01 -0.41 -1.20	31.37 -0.50 -0.81	31.33 -0.43 -0.83	33.11 -0.43 -0.42	36.73 -0.26 -0.03	36.73 -0.63 -0.12	38.28 -0.81 -0.49	40.10 -0.90 0.00	42.27 -1.12 -0.30	49.72 -1.58 -0.25	51.39 -1.02 -1.21	50.17 -1.12 -0.24	50.51 -1.12 -0.58	47.63 -0.97 -0.01	38.12 -0.15 -0.36	35.03 -0.53 -0.02	32.56 -0.43 -0.03
GELCKHM___115KV_LOAD 80723	29.23 -0.38 -0.06	28.04 -0.40 -0.04	25.76 -0.44 -0.24	25.45 -0.49 -0.02	25.52 -0.47 -0.06	25.67 -0.36 0.00	27.29 -0.36 -0.02	27.15 -0.33 -0.26	31.13 -0.37 -0.44	31.05 -0.34 -0.45	33.02 -0.33 -0.23	36.60 -0.37 -0.02	36.94 -0.37 -0.07	38.48 -0.39 -0.27	40.79 -0.41 -0.19	43.76 -0.43 -1.10	52.69 -0.41 -2.04	52.87 -0.26 -1.91	53.10 -0.31 -2.35	52.71 -0.36 -2.01	50.28 -0.34 -2.03	37.57 -0.34 0.00	35.15 -0.39 0.00	32.54 -0.43 -0.02
GENERAL___MILLS 23808	29.52 -0.15 -0.11	28.25 -0.23 -0.08	25.77 -0.62 -0.44	25.31 -0.65 -0.03	25.23 -0.80 -0.11	25.98 -0.05 0.00	27.44 -0.22 -0.03	27.95 -0.46 -1.20	31.31 -0.56 -0.81	31.27 -0.49 -0.83	33.01 -0.53 -0.42	36.62 -0.37 -0.03	36.66 -0.71 -0.12	38.16 -0.93 -0.48	39.98 -1.03 0.00	42.14 -1.25 -0.30	49.56 -1.74 -0.24	51.24 -1.18 -1.20	50.02 -1.28 -0.24	50.35 -1.28 -0.57	47.48 -1.12 -0.01	38.04 -0.23 -0.36	34.96 -0.60 -0.02	32.49 -0.49 -0.03
GE_PLASTICS___DRP 24183	31.68 1.27 -0.86	30.21 1.22 -0.59	30.34 1.06 -3.32	27.23 1.09 -0.21	27.84 1.09 -0.82	27.15 1.12 0.00	29.03 1.19 -0.21	40.02 1.14 -11.66	38.39 1.21 -6.13	38.35 1.18 -6.24	37.53 1.26 -3.15	38.67 1.48 -0.24	39.62 1.45 -0.93	43.73 1.47 -3.65	42.57 1.56 0.00	47.00 1.64 -2.27	59.63 1.89 -6.69	66.54 1.95 -13.39	60.14 1.79 -7.30	59.22 1.74 -6.43	50.31 1.65 -0.06	43.26 1.29 -4.06	37.13 1.32 -0.28	34.49 1.32 -0.21
GILBOA___1 23756	31.32 1.09 -0.67	29.99 1.14 -0.46	29.54 0.99 -2.60	27.08 0.99 -0.16	27.64 1.06 -0.64	27.05 1.01 0.00	28.85 1.05 -0.16	34.96 1.01 -6.74	37.00 1.15 -4.79	36.99 1.18 -4.88	36.84 1.26 -2.46	38.58 1.44 -0.18	39.38 1.41 -0.73	42.93 1.47 -2.86	42.57 1.56 0.00	46.54 1.68 -1.77	56.11 1.79 -3.27	59.60 1.84 -6.55	56.26 1.63 -3.57	55.99 1.79 -3.15	50.22 1.60 -0.03	41.18 1.29 -1.99	36.92 1.24 -0.13	34.34 1.22 -0.17
GILBOA___2 23757	31.32 1.09 -0.67	29.99 1.14 -0.46	29.54 0.99 -2.60	27.08 0.99 -0.16	27.64 1.06 -0.64	27.05 1.01 0.00	28.85 1.05 -0.16	34.96 1.01 -6.74	37.00 1.15 -4.79	36.99 1.18 -4.88	36.84 1.26 -2.46	38.58 1.44 -0.18	39.38 1.41 -0.73	42.93 1.47 -2.86	42.57 1.56 0.00	46.54 1.68 -1.77	56.11 1.79 -3.27	59.60 1.84 -6.55	56.26 1.63 -3.57	55.99 1.79 -3.15	50.22 1.60 -0.03	41.18 1.29 -1.99	36.92 1.24 -0.13	34.34 1.22 -0.17
GILBOA___3 23758	31.32 1.09 -0.67	29.99 1.14 -0.46	29.54 0.99 -2.60	27.08 0.99 -0.16	27.64 1.06 -0.64	27.05 1.01 0.00	28.85 1.05 -0.16	34.96 1.01 -6.74	37.00 1.15 -4.79	36.99 1.18 -4.88	36.84 1.26 -2.46	38.58 1.44 -0.18	39.38 1.41 -0.73	42.93 1.47 -2.86	42.57 1.56 0.00	46.54 1.68 -1.77	56.11 1.79 -3.27	59.60 1.84 -6.55	56.26 1.63 -3.57	55.99 1.79 -3.15	50.22 1.60 -0.03	41.18 1.29 -1.99	36.92 1.24 -0.13	34.34 1.22 -0.17
GILBOA___4 23759	31.32 1.09 -0.67	29.99 1.14 -0.46	29.54 0.99 -2.60	27.08 0.99 -0.16	27.64 1.06 -0.64	27.05 1.01 0.00	28.85 1.05 -0.16	34.96 1.01 -6.74	37.00 1.15 -4.79	36.99 1.18 -4.88	36.84 1.26 -2.46	38.58 1.44 -0.18	39.38 1.41 -0.73	42.93 1.47 -2.86	42.57 1.56 0.00	46.54 1.68 -1.77	56.11 1.79 -3.27	59.60 1.84 -6.55	56.26 1.63 -3.57	55.99 1.79 -3.15	50.22 1.60 -0.03	41.18 1.29 -1.99	36.92 1.24 -0.13	34.34 1.22 -0.17
GILBOA___ 23599	31.32 1.09 -0.67	29.99 1.14 -0.46	29.54 0.99 -2.60	27.08 0.99 -0.16	27.64 1.06 -0.64	27.05 1.02 0.00	28.82 1.02 -0.17	34.97 1.01 -6.74	37.00 1.15 -4.79	36.99 1.18 -4.88	36.84 1.26 -2.46	38.54 1.40 -0.18	39.38 1.42 -0.73	42.93 1.47 -2.86	42.61 1.60 0.00	46.55 1.68 -1.77	56.06 1.74 -3.27	59.61 1.84 -6.55	56.26 1.63 -3.57	55.94 1.74 -3.15	50.23 1.60 -0.03	41.15 1.25 -1.99	36.92 1.24 -0.13	34.34 1.22 -0.17
GINNA___ 23603	28.19 -1.45 -0.08	26.97 -1.48 -0.06	24.71 -1.56 -0.32	24.21 -1.74 -0.02	24.32 -1.68 -0.08	24.50 -1.54 0.00	26.02 -1.63 -0.02	26.66 -1.39 -0.83	30.08 -1.55 -0.58	30.01 -1.52 -0.59	31.80 -1.62 -0.30	35.06 -1.92 -0.02	35.54 -1.79 -0.09	37.06 -1.89 -0.35	39.16 -1.84 0.00	41.33 -1.98 -0.22	49.04 -2.45 -0.43	50.02 -2.00 -0.81	49.34 -2.19 -0.48	49.30 -2.14 -0.39	46.41 -2.19 0.00	36.26 -1.89 -0.25	33.50 -2.06 -0.02	31.30 -1.68 -0.02
GLEN PARK___ 23778	29.29 -0.30 -0.04	28.11 -0.31 -0.03	25.79 -0.31 -0.14	25.63 -0.31 -0.01	25.65 -0.31 -0.03	25.85 -0.18 0.00	27.42 -0.22 -0.01	27.12 -0.27 -0.17	30.89 -0.46 -0.30	30.74 -0.50 -0.30	32.61 -0.66 -0.15	36.37 -0.59 -0.01	36.65 -0.63 -0.05	38.36 -0.42 -0.18	40.69 -0.61 -0.30	44.03 -0.65 -1.58	54.25 0.00 -3.19	54.15 0.31 -2.63	55.11 0.81 -3.25	54.90 1.07 -2.77	52.12 0.83 -2.71	38.67 0.76 0.00	36.11 0.57 0.00	32.97 0.00 -0.01
GLENDALE_27_KV_LOAD 356172	32.30 2.07 -0.68	30.68 1.82 -0.47	30.30 1.71 -2.63	27.78 1.69 -0.17	28.14 1.56 -0.65	27.62 1.59 0.00	29.73 1.93 -0.17	36.14 1.82 -7.10	38.11 2.20 -4.85	38.16 2.29 -4.94	38.03 2.42 -2.49	39.77 2.62 -0.19	40.66 2.68 -0.74	44.51 3.01 -2.89	44.41 3.40 0.00	48.59 3.71 -1.79	59.19 4.59 -3.54	63.06 4.76 -7.08	59.05 4.14 -3.86	57.98 3.52 -3.40	51.83 3.21 -0.03	42.18 2.12 -2.15	37.93 2.24 -0.15	35.46 2.34 -0.17

GLENWOOD_IC_1_G5 23712	50.69 2.10 -19.05	37.31 1.90 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.13 2.13 -4.36	38.16 2.10 -8.85	47.69 2.27 -14.37	57.83 2.32 -24.57	55.40 2.52 -19.76	57.14 2.77 -17.41	57.62 2.79 -17.58	53.17 3.09 -11.48	65.03 3.44 -20.58	65.44 3.71 -18.65	72.83 4.44 -17.33	81.50 4.56 -25.73	69.19 4.03 -14.10	58.62 3.78 -3.79	54.44 3.35 -2.50	54.27 2.39 -13.98	51.50 2.35 -13.61	49.39 2.34 -14.09
GLENWOOD_IC_2_G1 23688	50.66 2.07 -19.05	37.25 1.84 -7.01	33.04 1.74 -5.35	30.55 1.71 -2.91	30.26 1.61 -2.73	29.91 1.67 -2.21	33.96 1.96 -4.36	37.97 1.90 -8.85	47.66 2.24 -14.37	57.77 2.26 -24.57	55.34 2.45 -19.76	57.06 2.70 -17.41	57.51 2.68 -17.58	52.99 2.97 -11.41	64.87 3.28 -20.58	65.27 3.53 -18.64	72.67 4.29 -17.33	81.26 4.40 -25.65	68.92 3.88 -13.99	58.20 3.63 -3.52	54.35 3.26 -2.50	54.26 2.39 -13.96	51.46 2.31 -13.61	49.29 2.24 -14.09
GLENWOOD_IC_3_G1 23689	50.66 2.07 -19.05	37.25 1.84 -7.01	33.04 1.74 -5.35	30.55 1.71 -2.91	30.26 1.61 -2.73	29.91 1.67 -2.21	33.96 1.96 -4.36	37.97 1.90 -8.85	47.66 2.24 -14.37	57.77 2.26 -24.57	55.34 2.45 -19.76	57.06 2.70 -17.41	57.51 2.68 -17.58	52.99 2.97 -11.41	64.87 3.28 -20.58	65.27 3.53 -18.64	72.67 4.29 -17.33	81.26 4.40 -25.65	68.92 3.88 -13.99	58.20 3.63 -3.52	54.35 3.26 -2.50	54.26 2.39 -13.96	51.46 2.31 -13.61	49.29 2.24 -14.09
GLENWOOD___4 23550	50.78 2.19 -19.05	37.39 1.99 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.13 2.13 -4.36	38.16 2.10 -8.85	47.78 2.36 -14.37	57.92 2.41 -24.57	55.47 2.58 -19.76	57.25 2.88 -17.41	57.69 2.87 -17.58	53.25 3.17 -11.48	65.11 3.53 -20.58	65.53 3.79 -18.65	72.93 4.54 -17.33	81.65 4.71 -25.73	69.34 4.19 -14.10	58.73 3.88 -3.79	54.54 3.45 -2.50	54.39 2.50 -13.98	51.61 2.45 -13.61	49.45 2.41 -14.09
GLENWOOD___5 23614	50.78 2.19 -19.05	37.39 1.99 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.13 2.13 -4.36	38.16 2.10 -8.85	47.78 2.36 -14.37	57.92 2.41 -24.57	55.47 2.58 -19.76	57.25 2.88 -17.41	57.69 2.87 -17.58	53.25 3.17 -11.48	65.11 3.53 -20.58	65.53 3.79 -18.65	72.93 4.54 -17.33	81.65 4.71 -25.73	69.34 4.19 -14.10	58.73 3.88 -3.79	54.54 3.45 -2.50	54.39 2.50 -13.98	51.61 2.45 -13.61	49.45 2.41 -14.09
GLOBAL GREEN_PORT_GT1 23814	53.26 4.67 -19.05	39.47 4.06 -7.01	35.17 3.87 -5.35	32.68 3.84 -2.91	32.39 3.73 -2.73	32.07 3.83 -2.21	36.31 4.31 -4.36	40.40 4.33 -8.85	50.64 5.22 -14.38	60.71 5.20 -24.58	58.49 5.60 -19.77	60.58 6.21 -17.41	60.90 6.07 -17.59	63.93 6.48 -18.84	72.60 7.34 -24.25	69.49 7.75 -18.65	77.63 9.24 -17.33	95.45 9.57 -34.67	85.62 8.88 -25.68	93.59 8.73 -33.81	68.34 7.97 -11.78	67.09 5.95 -23.23	54.84 5.69 -13.61	52.49 5.44 -14.09
GLOBE___DSASP 323697	29.04 -0.62 -0.11	27.79 -0.68 -0.07	25.35 -1.01 -0.41	24.74 -1.22 -0.03	24.84 -1.19 -0.10	24.99 -1.04 0.00	26.55 -1.11 -0.03	27.05 -1.22 -1.06	30.35 -1.43 -0.72	30.25 -1.42 -0.73	31.93 -1.56 -0.36	35.34 -1.63 -0.01	35.40 -1.94 -0.09	36.79 -2.24 -0.42	38.53 -2.46 0.02	40.67 -2.67 -0.25	47.44 -3.62 -0.01	49.23 -3.07 -1.09	47.91 -3.22 -0.07	48.61 -2.96 -0.52	45.97 -2.62 -0.01	36.34 -1.90 -0.33	33.50 -2.06 -0.02	31.53 -1.45 -0.03
GOETHSLN___LBMP 323567	31.89 1.65 -0.68	30.34 1.48 -0.47	29.96 1.38 -2.63	27.44 1.35 -0.17	27.82 1.24 -0.65	27.34 1.30 0.00	29.40 1.60 -0.17	35.84 1.52 -7.10	37.74 1.83 -4.85	35.66 1.92 -2.81	35.60 1.99 -0.49	39.32 2.18 -0.19	40.17 2.20 -0.74	44.01 2.51 -2.89	43.88 2.87 0.00	47.99 3.10 -1.79	58.37 3.78 -3.54	62.24 3.94 -7.08	58.23 3.32 -3.86	57.32 2.86 -3.40	50.17 2.58 1.00	40.69 1.71 -1.07	35.54 1.78 1.78	34.94 1.81 -0.17
GOLAH___69_KV_TB 1_2 80279	29.93 0.30 -0.09	28.74 0.28 -0.06	26.23 -0.05 -0.33	25.66 -0.29 -0.02	25.75 -0.26 -0.08	25.98 -0.05 0.00	27.65 0.00 -0.02	28.14 0.05 -0.87	31.72 0.06 -0.61	31.68 0.12 -0.62	33.53 0.10 -0.31	37.24 0.26 -0.02	37.44 0.11 -0.09	39.01 0.04 -0.36	41.09 0.08 0.00	43.27 -0.04 -0.22	51.07 -0.41 -0.43	52.21 0.15 -0.85	51.57 0.05 -0.46	51.41 -0.05 -0.41	48.60 0.00 0.00	38.05 -0.11 -0.26	35.20 -0.36 -0.02	32.98 0.00 -0.02
GOODYEAR_LAKE_HYD 323669	30.93 1.24 -0.14	29.69 1.19 -0.10	27.52 1.01 -0.55	26.95 0.99 -0.04	27.08 1.01 -0.14	27.18 1.15 0.00	28.91 1.24 -0.04	34.08 1.22 -5.64	33.54 1.46 -1.02	33.40 1.42 -1.04	35.20 1.56 -0.53	38.73 1.74 -0.04	39.15 1.75 -0.16	41.15 1.93 -0.61	43.03 1.97 -0.05	45.83 2.11 -0.62	58.32 2.60 -4.66	62.95 2.92 -8.82	59.14 2.96 -5.12	58.49 2.91 -4.52	51.79 2.62 -0.57	42.51 2.08 -2.52	37.52 1.81 -0.17	34.47 1.48 -0.04
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.94 0.18 -0.21	28.71 0.17 -0.15	26.78 0.00 -0.83	25.98 0.00 -0.05	26.08 -0.05 -0.20	26.30 0.26 0.00	27.93 0.25 -0.05	29.78 0.16 -2.39	32.77 0.19 -1.53	32.67 0.19 -1.55	34.14 0.23 -0.78	37.35 0.33 -0.06	37.70 0.22 -0.23	39.79 0.27 -0.91	41.41 0.29 -0.12	44.56 0.34 -1.13	53.92 0.46 -2.41	55.57 0.72 -3.64	54.37 0.61 -2.70	54.02 0.56 -2.40	50.36 0.53 -1.23	39.23 0.57 -0.75	35.98 0.39 -0.05	33.24 0.23 -0.05
GOUDEY___7 23579	29.97 0.21 -0.21	28.71 0.17 -0.15	26.81 0.03 -0.83	26.01 0.03 -0.05	26.11 -0.03 -0.20	26.32 0.29 0.00	27.96 0.28 -0.05	29.80 0.19 -2.39	32.80 0.22 -1.53	32.71 0.22 -1.55	34.17 0.26 -0.78	37.38 0.37 -0.06	37.73 0.26 -0.23	39.86 0.35 -0.91	41.49 0.37 -0.12	44.61 0.39 -1.13	53.97 0.51 -2.41	55.67 0.82 -3.64	54.42 0.66 -2.70	54.12 0.66 -2.40	50.41 0.58 -1.23	39.27 0.61 -0.75	36.05 0.46 -0.05	33.31 0.30 -0.05
GOUDEY___8 23580	29.94 0.18 -0.21	28.71 0.17 -0.15	26.78 0.00 -0.83	25.98 0.00 -0.05	26.08 -0.05 -0.20	26.30 0.26 0.00	27.93 0.25 -0.05	29.78 0.16 -2.39	32.77 0.19 -1.53	32.67 0.19 -1.55	34.14 0.23 -0.78	37.35 0.33 -0.06	37.70 0.22 -0.23	39.79 0.27 -0.91	41.41 0.29 -0.12	44.56 0.34 -1.13	53.92 0.46 -2.41	55.57 0.72 -3.64	54.37 0.61 -2.70	54.02 0.56 -2.40	50.36 0.53 -1.23	39.23 0.57 -0.75	35.98 0.39 -0.05	33.24 0.23 -0.05
GOWANUS_GT1_1 24077	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_2 24078	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17

GOWANUS_GT1_3 24079	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_4 24080	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_5 24084	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_6 24111	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_7 24112	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT1_8 24113	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT2_1 24114	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT2_2 24115	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -																					

GOWANUS_GT3_2 24123	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_3 24124	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_4 24125	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_5 24126	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_6 24127	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_7 24128	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT3_8 24129	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
GOWANUS_GT4_1 24130	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_2 24131	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_3 24132	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_4 24133	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_5 24134	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_6 24135	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_7 24136	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GOWANUS_GT4_8 24137	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17

GREENBSH_115KV_TB3 55895	31.71 1.30 -0.86	30.21 1.22 -0.60	30.36 1.06 -3.34	27.26 1.11 -0.21	27.87 1.11 -0.83	27.18 1.15 0.00	29.06 1.22 -0.21	41.04 1.14 -12.67	38.36 1.15 -6.16	38.32 1.11 -6.27	37.48 1.19 -3.16	38.60 1.40 -0.24	39.55 1.38 -0.93	43.63 1.35 -3.67	42.44 1.44 0.00	46.92 1.55 -2.28	60.30 1.74 -7.51	68.03 1.79 -15.03	60.88 1.63 -8.19	59.86 1.58 -7.22	50.17 1.51 -0.07	43.68 1.21 -4.56	37.09 1.24 -0.31	34.42 1.25 -0.21
GREENDGE_115KV_TB5 80291	29.80 0.12 -0.13	28.51 0.03 -0.09	26.29 -0.18 -0.51	25.73 -0.23 -0.03	25.80 -0.26 -0.13	26.19 0.16 0.00	27.86 0.19 -0.03	28.79 0.16 -1.41	32.18 0.19 -0.94	32.11 0.22 -0.96	33.84 0.23 -0.48	37.07 0.07 -0.04	37.27 -0.11 -0.14	39.09 -0.08 -0.56	41.06 -0.04 -0.10	43.87 -0.04 -0.82	52.94 0.20 -1.68	54.24 0.61 -2.41	53.51 0.56 -1.89	53.22 0.46 -1.71	50.01 0.39 -1.03	38.69 0.34 -0.44	35.64 0.07 -0.03	33.19 0.20 -0.03
GREENIDGE___3 23582	29.80 0.12 -0.13	28.51 0.03 -0.09	26.29 -0.18 -0.51	25.73 -0.23 -0.03	25.80 -0.26 -0.13	26.19 0.16 0.00	27.86 0.19 -0.03	28.79 0.16 -1.41	32.18 0.19 -0.94	32.11 0.22 -0.96	33.84 0.23 -0.48	37.07 0.07 -0.04	37.27 -0.11 -0.14	39.09 -0.08 -0.56	41.06 -0.04 -0.10	43.87 -0.04 -0.82	52.94 0.20 -1.68	54.24 0.61 -2.41	53.51 0.56 -1.89	53.22 0.46 -1.71	50.01 0.39 -1.03	38.69 0.34 -0.44	35.64 0.07 -0.03	33.19 0.20 -0.03
GREENIDGE___4 23583	29.80 0.12 -0.13	28.63 0.14 -0.09	26.26 -0.21 -0.51	25.73 -0.23 -0.03	25.80 -0.26 -0.13	26.24 0.21 0.00	27.89 0.22 -0.03	28.80 0.16 -1.42	32.18 0.19 -0.94	32.14 0.25 -0.96	33.80 0.20 -0.48	37.18 0.19 -0.04	37.27 -0.11 -0.14	39.05 -0.12 -0.56	41.10 0.00 -0.10	43.91 0.00 -0.82	52.99 0.26 -1.68	54.34 0.72 -2.41	53.46 0.51 -1.89	53.38 0.61 -1.71	50.01 0.39 -1.03	38.76 0.42 -0.44	35.96 0.39 -0.03	33.45 0.46 -0.03
GREENLWN_69_KV_BK 3 55738	51.34 2.75 -19.05	37.93 2.53 -7.01	33.54 2.23 -5.35	31.02 2.18 -2.91	30.76 2.10 -2.73	30.43 2.19 -2.21	34.48 2.49 -4.36	38.55 2.48 -8.85	48.38 2.95 -14.38	58.48 2.97 -24.58	56.00 3.11 -19.77	57.77 3.40 -17.42	58.22 3.39 -17.59	52.61 3.67 -10.33	64.80 3.90 -19.89	65.96 4.22 -18.65	73.44 5.05 -17.34	80.78 5.22 -24.34	68.10 4.75 -12.30	54.77 4.59 0.88	53.34 3.98 -0.76	53.19 2.99 -12.29	52.25 3.09 -13.62	50.11 3.06 -14.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17
GRISSOM___SOLAR 323813	33.56 2.98 -1.02	32.45 3.35 -0.71	32.41 2.49 -3.96	28.62 2.44 -0.25	29.40 2.49 -0.98	28.74 2.71 0.00	30.70 2.82 -0.25	46.74 2.75 -16.77	41.61 3.26 -7.30	41.92 3.56 -7.43	40.65 3.77 -3.75	41.30 4.07 -0.28	42.41 4.06 -1.11	47.17 4.21 -4.35	45.72 4.71 0.00	51.13 5.34 -2.70	68.18 6.79 -10.34	79.39 7.48 -20.70	68.77 6.43 -11.28	67.54 6.54 -9.95	54.76 6.07 -0.10	49.04 4.85 -6.28	40.02 4.05 -0.43	36.80 3.59 -0.25
GROVEVILLE___HYD 323602	32.21 1.98 -0.68	30.71 1.85 -0.47	30.24 1.64 -2.65	27.70 1.61 -0.17	28.09 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	36.22 1.77 -7.23	38.05 2.08 -4.92	38.04 2.10 -5.00	37.87 2.22 -2.53	39.62 2.48 -0.19	40.48 2.50 -0.75	44.24 2.70 -2.93	44.04 3.03 0.00	48.19 3.28 -1.82	58.60 3.93 -3.62	62.65 4.20 -7.24	58.68 3.68 -3.95	57.95 3.42 -3.48	51.83 3.21 -0.03	42.49 2.39 -2.19	37.96 2.27 -0.15	35.37 2.24 -0.17
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
HAMLTNNY_34_KV_TB 80303	29.54 -0.09 -0.07	28.33 -0.11 -0.05	26.06 -0.18 -0.29	25.71 -0.23 -0.02	25.79 -0.21 -0.07	25.98 -0.05 0.00	27.62 -0.03 -0.02	27.96 0.00 -0.74	31.61 0.03 -0.53	31.44 -0.03 -0.54	33.43 0.03 -0.27	37.05 0.07 -0.02	37.36 0.04 -0.08	39.00 0.08 -0.32	41.40 0.08 -0.31	44.90 0.09 -1.72	54.94 0.20 -3.68	55.48 0.41 -3.86	55.72 0.41 -4.25	55.11 0.41 -3.64	52.26 0.34 -3.33	38.32 0.19 -0.22	35.63 0.07 -0.01	32.94 -0.03 -0.02
HAMPSHIRE___PAPER_HYD 323593	29.07 -0.50 -0.02	27.90 -0.51 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.64 -0.39 0.00	27.11 -0.53 0.00	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.44 -1.24 -0.08	39.67 -1.44 -0.10	42.03 -1.59 -0.53	50.48 -1.64 -1.06	51.40 -1.13 -1.32	52.01 -0.67 -1.62	51.88 -0.56 -1.38	48.97 -0.78 -1.16	37.41 -0.49 0.00	35.40 -0.14 0.00	32.63 -0.33 -0.01
HARDSCRABBLE_WT_PWR 323673	29.40 -0.15 0.00	28.39 0.00 0.00	25.80 -0.15 0.00	25.77 -0.15 0.00	25.77 -0.15 0.00	25.91 -0.13 0.00	27.52 -0.11 0.00	27.14 -0.08 0.00	30.96 -0.09 0.00	30.97 0.03 0.00	33.15 0.03 0.00	36.99 0.04 0.00	37.28 0.04 0.00	38.68 0.08 0.00	41.01 0.00 0.00	43.14 0.04 0.00	51.26 0.21 0.00	51.47 0.26 0.00	51.05 0.00 0.00	51.05 0.00 0.00	48.54 -0.05 0.00	37.95 0.04 0.00	35.61 0.07 0.00	32.96 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.80 1.63 -0.63	30.30 1.48 -0.43	29.71 1.32 -2.43	27.38 1.30 -0.15	27.72 1.19 -0.60	27.26 1.22 0.00	29.25 1.46 -0.15	35.20 1.44 -6.54	37.24 1.71 -4.48	37.32 1.83 -4.55	37.34 1.92 -2.30	39.27 2.14 -0.17	40.04 2.12 -0.68	43.63 2.35 -2.67	43.67 2.67 0.00	47.59 2.84 -1.65	57.79 3.47 -3.26	61.38 3.64 -6.53	57.68 3.06 -3.56	56.95 2.76 -3.14	51.15 2.53 -0.03	41.74 1.86 -1.98	37.45 1.78 -0.13	34.89 1.78 -0.15
HARSNRAD_115KV_TB1 81005	29.39 -0.27 -0.10	28.12 -0.34 -0.07	25.60 -0.75 -0.40	25.05 -0.91 -0.03	25.12 -0.91 -0.10	25.64 -0.39 0.00	27.11 -0.55 -0.03	27.61 -0.68 -1.07	30.98 -0.81 -0.74	30.91 -0.77 -0.75	32.64 -0.86 -0.38	36.21 -0.78 -0.03	36.23 -1.12 -0.11	37.42 -1.62 -0.44	39.08 -1.93 0.00	41.21 -2.15 -0.27	48.18 -3.06 -0.19	49.88 -2.41 -1.07	48.74 -2.50 -0.18	49.27 -2.30 -0.51	46.60 -1.99 -0.01	36.90 -1.33 -0.32	34.00 -1.56 -0.02	31.89 -1.09 -0.03
HARZA MOOSE___RIVER 24016	29.63 0.06 -0.02	28.50 0.09 -0.02	26.07 0.03 -0.09	25.96 0.03 -0.01	25.98 0.03 -0.02	26.14 0.10 0.00	27.75 0.11 -0.01	27.48 0.16 -0.10	31.41 0.19 -0.17	31.26 0.15 -0.17	33.37 0.17 -0.09	37.22 0.26 -0.01	37.53 0.26 -0.03	39.09 0.39 -0.10	41.41 0.33 -0.08	43.83 0.30 -0.44	52.64 0.77 -0.82	52.98 0.87 -0.90	53.13 0.97 -1.11	53.02 1.02 -0.95	50.31 0.83 -0.89	38.63 0.72 0.00	36.11 0.57 0.00	33.23 0.26 -0.01

HDSNBRDG_115KV_BRDG_TB1 355580	29.26 -0.35 -0.06	28.10 -0.34 -0.04	25.78 -0.42 -0.24	25.48 -0.47 -0.02	25.55 -0.44 -0.06	25.72 -0.31 0.00	27.35 -0.30 -0.02	27.18 -0.30 -0.26	31.13 -0.37 -0.45	31.05 -0.34 -0.46	33.02 -0.33 -0.23	36.64 -0.33 -0.02	36.94 -0.37 -0.07	38.53 -0.35 -0.27	40.80 -0.37 -0.16	43.67 -0.39 -0.96	52.43 -0.36 -1.74	52.63 -0.20 -1.63	52.75 -0.31 -2.01	52.46 -0.31 -1.71	49.98 -0.34 -1.73	37.60 -0.30 0.00	35.15 -0.39 0.00	32.54 -0.43 -0.02
HELLGATE_13_KV_LD 55870	32.18 1.95 -0.68	30.54 1.68 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	35.97 1.66 -7.10	37.92 2.02 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.54 2.40 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	41.91 1.86 -2.15	37.75 2.06 -0.15	35.33 2.21 -0.17
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.18 1.95 -0.68	30.54 1.68 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	35.97 1.66 -7.10	37.92 2.02 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.54 2.40 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	41.91 1.86 -2.15	37.75 2.06 -0.15	35.33 2.21 -0.17
HEMPSTEAD____ 23647	50.90 2.31 -19.05	37.42 2.02 -7.01	33.22 1.92 -5.35	30.73 1.89 -2.91	30.47 1.81 -2.73	30.12 1.88 -2.21	34.18 2.18 -4.36	38.19 2.12 -8.85	47.94 2.51 -14.37	57.99 2.48 -24.58	55.47 2.59 -19.76	57.25 2.88 -17.41	57.69 2.87 -17.58	53.21 3.13 -11.48	65.07 3.48 -20.58	65.48 3.75 -18.65	72.93 4.54 -17.33	81.60 4.66 -25.73	69.29 4.13 -14.10	58.83 3.98 -3.79	54.59 3.50 -2.50	54.50 2.61 -13.98	51.75 2.59 -13.61	49.52 2.47 -14.09
HEWLETT__69_KV_BK3 55828	51.08 2.48 -19.05	37.85 2.44 -7.01	33.43 2.13 -5.35	30.94 2.10 -2.91	30.68 2.02 -2.73	30.33 2.08 -2.21	34.35 2.35 -4.36	38.38 2.31 -8.85	48.03 2.61 -14.37	58.04 2.54 -24.57	55.57 2.68 -19.76	57.32 2.96 -17.41	57.80 2.98 -17.58	53.30 3.28 -11.41	65.24 3.65 -20.58	65.62 3.88 -18.64	73.08 4.70 -17.33	81.72 4.87 -25.65	69.39 4.34 -13.99	58.76 4.19 -3.52	54.78 3.69 -2.50	54.56 2.69 -13.96	51.82 2.67 -13.61	49.65 2.60 -14.09
HICKLING___1 23621	30.01 0.30 -0.17	28.74 0.23 -0.12	26.58 -0.03 -0.65	25.97 0.00 -0.04	25.99 -0.10 -0.16	26.53 0.49 0.00	28.12 0.44 -0.04	29.32 0.27 -1.83	32.56 0.31 -1.20	32.40 0.25 -1.22	34.14 0.40 -0.62	37.52 0.52 -0.05	37.76 0.34 -0.18	39.71 0.39 -0.72	41.55 0.45 -0.09	44.43 0.43 -0.90	53.60 0.71 -1.83	55.10 1.08 -2.82	54.18 1.07 -2.05	53.96 1.02 -1.89	50.52 0.92 -1.00	39.50 1.02 -0.57	36.29 0.71 -0.04	33.43 0.43 -0.04
HICKLING___2 23622	30.01 0.30 -0.17	28.74 0.23 -0.12	26.58 -0.03 -0.65	25.97 0.00 -0.04	25.99 -0.10 -0.16	26.53 0.49 0.00	28.12 0.44 -0.04	29.32 0.27 -1.83	32.56 0.31 -1.20	32.40 0.25 -1.22	34.14 0.40 -0.62	37.52 0.52 -0.05	37.76 0.34 -0.18	39.71 0.39 -0.72	41.55 0.45 -0.09	44.43 0.43 -0.90	53.60 0.71 -1.83	55.10 1.08 -2.82	54.18 1.07 -2.05	53.96 1.02 -1.89	50.52 0.92 -1.00	39.50 1.02 -0.57	36.29 0.71 -0.04	33.43 0.43 -0.04
HIGH FALLS___HY 23754	31.85 1.63 -0.67	30.36 1.50 -0.46	29.91 1.35 -2.60	27.42 1.32 -0.17	27.77 1.19 -0.64	27.23 1.20 0.00	29.26 1.46 -0.17	36.18 1.47 -7.49	37.62 1.74 -4.83	37.71 1.86 -4.91	37.59 1.99 -2.48	39.32 2.18 -0.19	40.17 2.20 -0.73	43.96 2.47 -2.88	43.80 2.79 0.00	47.89 3.02 -1.79	58.65 3.73 -3.87	63.01 4.05 -7.75	58.55 3.27 -4.22	57.74 2.96 -3.72	51.40 2.77 -0.04	42.27 2.01 -2.35	37.62 1.92 -0.16	35.03 1.91 -0.17
HILLBURN___GT 23639	31.73 1.54 -0.64	30.31 1.48 -0.44	29.70 1.27 -2.47	27.30 1.22 -0.16	27.68 1.14 -0.61	27.23 1.20 0.00	29.23 1.44 -0.16	35.30 1.41 -6.67	37.29 1.68 -4.56	37.40 1.82 -4.64	37.42 1.95 -2.34	39.27 2.14 -0.18	40.05 2.12 -0.69	43.68 2.36 -2.72	43.63 2.63 0.00	47.62 2.84 -1.69	57.85 3.47 -3.32	61.50 3.64 -6.65	57.59 2.91 -3.63	56.85 2.60 -3.20	50.96 2.33 -0.03	41.67 1.74 -2.02	37.38 1.71 -0.14	34.76 1.65 -0.16
HILLSIDE_115KV_TB1 80332	29.46 -0.27 -0.17	28.23 -0.28 -0.12	26.14 -0.49 -0.68	25.53 -0.44 -0.04	25.55 -0.54 -0.17	26.03 0.00 0.00	27.59 -0.08 -0.04	28.84 -0.27 -1.89	31.99 -0.31 -1.24	31.92 -0.28 -1.26	33.53 -0.23 -0.64	36.82 -0.18 -0.05	37.09 -0.34 -0.19	39.04 -0.31 -0.74	40.82 -0.29 -0.10	43.68 -0.34 -0.94	52.61 -0.36 -1.91	54.13 0.00 -2.92	53.04 -0.15 -2.14	52.76 -0.26 -1.96	49.39 -0.24 -1.04	38.69 0.19 -0.59	35.51 -0.07 -0.04	32.77 -0.23 -0.04
HISHELDN_WT_PWR 323625	29.50 -0.18 -0.12	28.39 -0.08 -0.08	25.75 -0.67 -0.47	25.34 -0.62 -0.03	25.32 -0.73 -0.12	26.03 0.00 0.00	27.50 -0.16 -0.03	28.04 -0.46 -1.29	31.39 -0.53 -0.87	31.39 -0.43 -0.88	33.14 -0.43 -0.45	36.92 -0.07 -0.03	36.70 -0.67 -0.13	38.20 -0.93 -0.52	40.14 -0.86 0.00	42.42 -0.99 -0.32	50.00 -1.38 -0.33	51.69 -0.82 -1.30	50.16 -1.23 -0.33	50.86 -0.82 -0.62	47.67 -0.92 -0.01	38.11 -0.19 -0.39	34.93 -0.64 -0.03	33.02 0.03 -0.03
HOLTSVILLE_IC_1 23690	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.41 3.58 -17.59	61.14 3.82 -18.71	69.43 4.22 -24.19	66.14 4.40 -18.65	73.65 5.26 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.16 4.85 -33.25	64.69 4.47 -11.63	64.32 3.34 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09
HOLTSVILLE_IC_10 23699	51.96 3.37 -19.05	38.22 2.81 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.17 3.10 -8.85	49.15 3.72 -14.38	59.13 3.62 -24.58	56.67 3.77 -19.77	58.40 4.03 -17.41	58.74 3.91 -17.59	61.97 4.17 -19.20	70.06 4.63 -24.42	66.61 4.87 -18.65	74.15 5.77 -17.33	92.30 5.99 -35.10	82.81 5.52 -26.24	91.71 5.41 -35.24	65.81 5.01 -12.21	65.32 3.75 -23.66	52.96 3.80 -13.61	50.84 3.79 -14.09
HOLTSVILLE_IC_2 23691	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.41 3.58 -17.59	61.14 3.82 -18.71	69.43 4.22 -24.19	66.14 4.40 -18.65	73.65 5.26 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.16 4.85 -33.25	64.69 4.47 -11.63	64.32 3.34 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09
HOLTSVILLE_IC_3 23692	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.41 3.58 -17.59	61.14 3.82 -18.71	69.43 4.22 -24.19	66.14 4.40 -18.65	73.65 5.26 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.16 4.85 -33.25	64.69 4.47 -11.63	64.32 3.34 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09

HOLTSVILLE_IC_4 23693	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.41 3.58 -17.59	61.14 3.82 -18.71	69.43 4.22 -24.19	66.14 4.40 -18.65	73.65 5.26 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.16 4.85 -33.25	64.69 4.47 -11.63	64.32 3.34 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09
HOLTSVILLE_IC_5 23694	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.41 3.58 -17.59	61.14 3.82 -18.71	69.43 4.22 -24.19	66.14 4.40 -18.65	73.65 5.26 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.16 4.85 -33.25	64.69 4.47 -11.63	64.32 3.34 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09
HOLTSVILLE_IC_6 23695	51.96 3.37 -19.05	38.22 2.81 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.17 3.10 -8.85	49.15 3.72 -14.38	59.13 3.62 -24.58	56.67 3.77 -19.77	58.40 4.03 -17.41	58.74 3.91 -17.59	61.97 4.17 -19.20	70.06 4.63 -24.42	66.61 4.87 -18.65	74.15 5.77 -17.33	92.30 5.99 -35.10	82.81 5.52 -26.24	91.71 5.41 -35.24	65.81 5.01 -12.21	65.32 3.75 -23.66	52.96 3.80 -13.61	50.84 3.79 -14.09
HOLTSVILLE_IC_7 23696	51.96 3.37 -19.05	38.22 2.81 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.17 3.10 -8.85	49.15 3.72 -14.38	59.13 3.62 -24.58	56.67 3.77 -19.77	58.40 4.03 -17.41	58.74 3.91 -17.59	61.97 4.17 -19.20	70.06 4.63 -24.42	66.61 4.87 -18.65	74.15 5.77 -17.33	92.30 5.99 -35.10	82.81 5.52 -26.24	91.71 5.41 -35.24	65.81 5.01 -12.21	65.32 3.75 -23.66	52.96 3.80 -13.61	50.84 3.79 -14.09
HOLTSVILLE_IC_8 23697	51.96 3.37 -19.05	38.22 2.81 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.17 3.10 -8.85	49.15 3.72 -14.38	59.13 3.62 -24.58	56.67 3.77 -19.77	58.40 4.03 -17.41	58.74 3.91 -17.59	61.97 4.17 -19.20	70.06 4.63 -24.42	66.61 4.87 -18.65	74.15 5.77 -17.33	92.30 5.99 -35.10	82.81 5.52 -26.24	91.71 5.41 -35.24	65.81 5.01 -12.21	65.32 3.75 -23.66	52.96 3.80 -13.61	50.84 3.79 -14.09
HOLTSVILLE_IC_9 23698	51.96 3.37 -19.05	38.22 2.81 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.17 3.10 -8.85	49.15 3.72 -14.38	59.13 3.62 -24.58	56.67 3.77 -19.77	58.40 4.03 -17.41	58.74 3.91 -17.59	61.97 4.17 -19.20	70.06 4.63 -24.42	66.61 4.87 -18.65	74.15 5.77 -17.33	92.30 5.99 -35.10	82.81 5.52 -26.24	91.71 5.41 -35.24	65.81 5.01 -12.21	65.32 3.75 -23.66	52.96 3.80 -13.61	50.84 3.79 -14.09
HOMER_HL_115KV_TB2 355744	28.67 -1.00 -0.13	27.49 -0.99 -0.09	25.15 -1.30 -0.50	25.05 -0.91 -0.03	24.65 -1.40 -0.12	26.01 -0.03 0.00	27.31 -0.36 -0.03	27.60 -0.98 -1.36	30.82 -1.15 -0.91	30.72 -1.14 -0.93	32.43 -1.16 -0.47	35.66 -1.33 -0.03	35.63 -1.75 -0.14	37.34 -1.81 -0.54	39.12 -1.89 0.00	41.28 -2.15 -0.34	48.87 -2.60 -0.42	50.33 -2.25 -1.37	49.14 -2.35 -0.43	49.21 -2.50 -0.66	46.22 -2.38 -0.01	38.06 -0.27 -0.41	34.86 -0.71 -0.03	31.70 -1.29 -0.03
HOWARD_WT_PWR 323690	29.93 0.24 -0.14	28.86 0.37 -0.10	26.29 -0.21 -0.55	25.83 -0.13 -0.03	25.83 -0.23 -0.14	26.56 0.52 0.00	28.17 0.50 -0.03	28.92 0.19 -1.51	32.24 0.19 -1.00	32.23 0.28 -1.02	34.04 0.40 -0.52	37.88 0.89 -0.04	37.66 0.26 -0.15	39.40 0.19 -0.60	41.37 0.29 -0.07	44.11 0.30 -0.71	52.97 0.56 -1.35	54.57 1.13 -2.23	53.28 0.71 -1.51	53.54 1.02 -1.47	50.10 0.78 -0.73	39.43 1.06 -0.47	36.14 0.57 -0.03	33.85 0.86 -0.03
HQ_GEN_CEDARS 23644	29.37 -0.18 0.00	28.28 -0.11 0.00	25.98 0.03 0.00	26.01 0.08 0.00	25.98 0.05 0.00	25.96 -0.08 0.00	27.44 -0.19 0.00	27.03 -0.19 0.00	30.84 -0.22 0.00	30.75 -0.19 0.00	32.86 -0.26 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.03 -0.58 0.00	40.39 -0.62 0.00	42.36 -0.73 0.00	50.24 -0.82 0.00	50.14 -1.08 0.00	50.14 -0.92 0.00	50.29 -0.77 0.00	47.96 -0.63 0.00	37.79 -0.11 0.00	35.51 -0.04 0.00	32.89 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	29.37 -0.18 0.00	28.31 -0.08 0.00	25.98 0.03 0.00	26.01 0.08 0.00	25.98 0.05 0.00	25.93 -0.10 0.00	27.44 -0.19 0.00	27.03 -0.19 0.00	30.84 -0.22 0.00	30.72 -0.22 0.00	32.86 -0.27 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.10 -0.50 0.00	40.39 -0.61 0.00	42.36 -0.73 0.00	50.19 -0.87 0.00	50.08 -1.13 0.00	50.19 -0.87 0.00	50.24 -0.82 0.00	47.96 -0.63 0.00	37.45 -0.45 0.00	35.51 -0.04 0.00	32.89 -0.07 0.00
HQ_GEN_IMPORT 323601	29.23 -0.32 0.00	28.11 -0.28 0.00	25.80 -0.15 0.00	25.80 -0.13 0.00	25.80 -0.13 0.00	25.80 -0.23 0.00	27.33 -0.30 0.00	26.92 -0.30 0.00	30.71 -0.34 0.00	30.60 -0.34 0.00	32.73 -0.40 0.00	36.51 -0.44 0.00	36.83 -0.41 0.00	38.14 -0.46 0.00	40.52 -0.49 0.00	42.53 -0.56 0.00	50.34 -0.71 0.00	50.34 -0.87 0.00	50.34 -0.71 0.00	50.34 -0.71 0.00	48.01 -0.58 0.00	37.45 -0.45 0.00	35.19 -0.36 0.00	32.59 -0.36 0.00
HQ_GEN_WHEEL 23651	29.23 -0.32 0.00	28.11 -0.28 0.00	25.80 -0.15 0.00	25.80 -0.13 0.00	25.80 -0.13 0.00	25.80 -0.23 0.00	27.33 -0.30 0.00	26.92 -0.30 0.00	30.71 -0.34 0.00	30.60 -0.34 0.00	32.73 -0.40 0.00	36.51 -0.44 0.00	36.83 -0.41 0.00	38.14 -0.46 0.00	40.52 -0.49 0.00	42.53 -0.56 0.00	50.34 -0.71 0.00	50.34 -0.87 0.00	50.34 -0.71 0.00	50.34 -0.71 0.00	48.01 -0.58 0.00	37.45 -0.45 0.00	35.19 -0.36 0.00	32.59 -0.36 0.00
HUDSON_AVE_GT_3 23810	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
HUDSON_AVE_GT_4 23540	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
HUDSON_AVE_GT_5 23657	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17

HUDSON_AVE_10 24168	32.03 1.80 -0.68	30.45 1.59 -0.47	30.07 1.48 -2.63	27.55 1.45 -0.17	27.93 1.35 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.10	37.92 2.02 -4.85	37.98 2.10 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.38 -0.74	44.24 2.74 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.54 3.62 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	41.99 1.93 -2.15	37.68 1.99 -0.15	35.13 2.01 -0.17
HUDSON___115KV_TB 4 355613	32.04 1.65 -0.84	30.56 1.59 -0.58	30.58 1.38 -3.24	27.59 1.45 -0.21	28.11 1.37 -0.80	27.52 1.48 0.00	29.41 1.58 -0.21	40.27 1.50 -11.55	38.62 1.58 -5.99	38.51 1.48 -6.09	37.72 1.52 -3.08	39.00 1.81 -0.23	39.97 1.82 -0.91	43.95 1.78 -3.57	42.98 1.97 0.00	47.33 2.03 -2.21	60.12 2.40 -6.67	67.12 2.56 -13.35	60.83 2.50 -7.27	59.97 2.50 -6.41	51.13 2.48 -0.06	44.08 2.12 -4.05	37.77 1.95 -0.27	35.04 1.88 -0.21
HUNTER MOUNT___DRP 323613	32.16 1.80 -0.81	30.69 1.73 -0.56	30.58 1.48 -3.14	27.74 1.61 -0.20	28.18 1.48 -0.78	27.67 1.64 0.00	29.57 1.74 -0.20	39.53 1.61 -10.71	38.56 1.71 -5.80	38.41 1.58 -5.90	37.62 1.52 -2.98	39.06 1.88 -0.22	39.98 1.86 -0.88	43.88 1.81 -3.46	43.06 2.05 0.00	47.30 2.07 -2.14	59.56 2.45 -6.06	66.00 2.66 -12.13	60.37 2.71 -6.61	59.64 2.76 -5.83	51.42 2.77 -0.06	43.90 2.31 -3.68	37.89 2.10 -0.25	35.20 2.04 -0.20
HUNTINGTON_RES_REC 323705	51.67 3.07 -19.05	37.99 2.58 -7.01	33.82 2.52 -5.35	31.30 2.46 -2.91	31.04 2.38 -2.73	30.69 2.45 -2.21	34.82 2.82 -4.36	38.85 2.78 -8.85	48.78 3.35 -14.38	58.79 3.28 -24.58	56.30 3.41 -19.77	58.14 3.77 -17.41	58.52 3.69 -17.59	72.36 3.98 -29.77	71.92 4.26 -26.64	66.31 4.57 -18.65	73.90 5.52 -17.33	104.85 5.68 -47.96	99.16 5.21 -42.90	134.52 5.10 -78.36	71.02 4.52 -17.91	71.92 3.49 -30.53	52.64 3.49 -13.62	50.48 3.43 -14.09
HUNTLEY___63 23557	29.57 -0.09 -0.11	28.30 -0.17 -0.07	25.80 -0.57 -0.42	25.23 -0.73 -0.03	25.31 -0.73 -0.10	25.75 -0.29 0.00	27.27 -0.39 -0.03	27.95 -0.38 -1.12	31.35 -0.47 -0.76	31.31 -0.40 -0.77	33.08 -0.43 -0.39	36.54 -0.44 -0.02	36.57 -0.78 -0.11	37.98 -1.08 -0.45	39.77 -1.23 0.01	41.90 -1.47 -0.28	49.14 -2.09 -0.18	50.64 -1.69 -1.12	49.33 -1.89 -0.17	49.85 -1.74 -0.53	47.04 -1.55 -0.01	37.37 -0.87 -0.34	34.39 -1.17 -0.02	32.32 -0.66 -0.03
HUNTLEY___64 23558	29.57 -0.09 -0.11	28.30 -0.17 -0.07	25.80 -0.57 -0.42	25.23 -0.73 -0.03	25.31 -0.73 -0.10	25.75 -0.29 0.00	27.27 -0.39 -0.03	27.95 -0.38 -1.12	31.35 -0.47 -0.76	31.31 -0.40 -0.77	33.08 -0.43 -0.39	36.54 -0.44 -0.02	36.57 -0.78 -0.11	37.98 -1.08 -0.45	39.77 -1.23 0.01	41.90 -1.47 -0.28	49.14 -2.09 -0.18	50.64 -1.69 -1.12	49.33 -1.89 -0.17	49.85 -1.74 -0.53	47.04 -1.55 -0.01	37.37 -0.87 -0.34	34.39 -1.17 -0.02	32.32 -0.66 -0.03
HUNTLEY___65 23559	29.57 -0.09 -0.11	28.30 -0.17 -0.07	25.80 -0.57 -0.42	25.23 -0.73 -0.03	25.31 -0.73 -0.10	25.75 -0.29 0.00	27.27 -0.39 -0.03	27.95 -0.38 -1.12	31.35 -0.47 -0.76	31.31 -0.40 -0.77	33.08 -0.43 -0.39	36.54 -0.44 -0.02	36.57 -0.78 -0.11	37.98 -1.08 -0.45	39.77 -1.23 0.01	41.90 -1.47 -0.28	49.14 -2.09 -0.18	50.64 -1.69 -1.12	49.33 -1.89 -0.17	49.85 -1.74 -0.53	47.04 -1.55 -0.01	37.37 -0.87 -0.34	34.39 -1.17 -0.02	32.32 -0.66 -0.03
HUNTLEY___66 23560	29.57 -0.09 -0.11	28.30 -0.17 -0.07	25.80 -0.57 -0.42	25.23 -0.73 -0.03	25.31 -0.73 -0.10	25.75 -0.29 0.00	27.27 -0.39 -0.03	27.95 -0.38 -1.12	31.35 -0.47 -0.76	31.31 -0.40 -0.77	33.08 -0.43 -0.39	36.54 -0.44 -0.02	36.57 -0.78 -0.11	37.98 -1.08 -0.45	39.77 -1.23 0.01	41.90 -1.47 -0.28	49.14 -2.09 -0.18	50.64 -1.69 -1.12	49.33 -1.89 -0.17	49.85 -1.74 -0.53	47.04 -1.55 -0.01	37.37 -0.87 -0.34	34.39 -1.17 -0.02	32.32 -0.66 -0.03
HUNTLEY___67 23561	29.39 -0.27 -0.11	28.13 -0.34 -0.08	25.65 -0.73 -0.42	25.10 -0.86 -0.03	25.13 -0.91 -0.10	25.67 -0.36 0.00	27.19 -0.47 -0.03	27.68 -0.68 -1.15	31.06 -0.78 -0.78	30.99 -0.74 -0.80	32.73 -0.79 -0.40	36.25 -0.74 -0.03	36.32 -1.04 -0.12	37.76 -1.31 -0.47	39.57 -1.44 0.00	41.74 -1.64 -0.29	48.94 -2.30 -0.18	50.67 -1.69 -1.15	49.43 -1.79 -0.16	49.87 -1.74 -0.55	47.09 -1.51 -0.01	37.46 -0.80 -0.35	34.46 -1.10 -0.02	32.23 -0.76 -0.03
HUNTLEY___68 23562	29.39 -0.27 -0.11	28.13 -0.34 -0.08	25.65 -0.73 -0.42	25.10 -0.86 -0.03	25.13 -0.91 -0.10	25.67 -0.36 0.00	27.19 -0.47 -0.03	27.68 -0.68 -1.15	31.06 -0.78 -0.78	30.99 -0.74 -0.80	32.73 -0.79 -0.40	36.25 -0.74 -0.03	36.32 -1.04 -0.12	37.76 -1.31 -0.47	39.57 -1.44 0.00	41.74 -1.64 -0.29	48.94 -2.30 -0.18	50.67 -1.69 -1.15	49.43 -1.79 -0.16	49.87 -1.74 -0.55	47.09 -1.51 -0.01	37.46 -0.80 -0.35	34.46 -1.10 -0.02	32.23 -0.76 -0.03
HYLAND___LFGE 323620	30.20 0.53 -0.12	28.68 0.20 -0.08	26.51 0.10 -0.45	25.96 0.00 -0.03	25.99 -0.05 -0.11	26.50 0.47 0.00	27.94 0.28 -0.03	28.45 0.00 -1.24	31.48 -0.40 -0.84	30.89 -0.90 -0.85	32.66 -0.89 -0.43	35.95 -1.03 -0.03	36.14 -1.23 -0.13	37.60 -1.51 -0.50	39.61 -1.39 0.00	42.97 -0.43 -0.31	51.17 -0.41 -0.52	52.61 0.15 -1.24	51.56 -0.05 -0.56	52.57 0.92 -0.60	49.62 1.02 -0.01	39.34 1.06 -0.38	36.21 0.64 -0.03	33.88 0.89 -0.03
INDECK___CORINTH 23802	32.13 1.68 -0.90	30.57 1.56 -0.62	30.80 1.37 -3.48	27.50 1.35 -0.22	28.14 1.35 -0.86	27.49 1.46 0.00	29.40 1.55 -0.22	45.97 1.58 -17.17	39.42 1.96 -6.41	39.34 1.89 -6.52	38.17 1.75 -3.29	39.23 2.03 -0.25	40.30 2.08 -0.97	44.39 1.97 -3.82	42.85 1.85 0.00	47.49 2.03 -2.37	64.70 2.55 -11.09	76.03 2.61 -22.21	66.22 3.06 -12.10	65.09 3.37 -10.67	52.10 3.40 -0.11	47.33 2.69 -6.73	38.31 2.31 -0.46	35.15 1.98 -0.22
INDECK___ILION 23567	29.55 0.00 0.00	28.39 0.00 0.00	25.93 -0.03 0.00	25.88 -0.05 0.00	25.90 -0.03 0.00	26.01 -0.03 0.00	27.63 0.00 0.00	27.24 0.03 0.00	31.08 0.03 0.00	31.03 0.09 0.00	33.22 0.10 0.00	37.10 0.15 0.00	37.39 0.15 0.00	38.80 0.19 0.00	41.17 0.16 0.00	43.26 0.17 0.00	51.36 0.31 0.00	51.57 0.36 0.00	51.26 0.20 0.00	51.26 0.20 0.00	48.74 0.15 0.00	38.02 0.11 0.00	35.65 0.11 0.00	33.02 0.07 0.00
INDECK___OLEAN 23982	28.67 -1.00 -0.13	28.06 -0.43 -0.09	25.10 -1.35 -0.50	25.05 -0.91 -0.03	24.65 -1.40 -0.12	26.09 0.05 0.00	27.66 0.00 -0.03	27.60 -0.98 -1.36	30.82 -1.15 -0.91	30.78 -1.08 -0.93	32.53 -1.06 -0.47	36.84 -0.15 -0.03	35.63 -1.75 -0.14	37.30 -1.85 -0.54	39.16 -1.84 0.00	41.36 -2.07 -0.34	48.87 -2.60 -0.41	50.53 -2.05 -1.37	48.99 -2.50 -0.43	49.47 -2.25 -0.66	46.22 -2.38 -0.01	38.17 -0.15 -0.42	34.82 -0.75 -0.03	33.15 0.17 -0.03
INDECK___OSWEGO 23783	28.87 -0.74 -0.05	27.72 -0.71 -0.04	25.43 -0.73 -0.21	25.19 -0.75 -0.01	25.23 -0.75 -0.05	25.38 -0.65 0.00	26.96 -0.69 -0.01	26.81 -0.62 -0.22	30.69 -0.75 -0.38	30.58 -0.74 -0.39	32.29 -1.03 -0.20	35.79 -1.18 -0.01	36.11 -1.19 -0.06	37.60 -1.24 -0.23	40.39 -1.31 -0.69	45.29 -1.34 -3.54	56.96 -1.48 -7.38	56.78 -1.38 -6.95	58.24 -1.38 -8.56	57.04 -1.33 -7.31	54.67 -1.31 -7.39	36.89 -1.02 0.00	34.48 -1.07 0.00	31.95 -1.02 -0.01



INDECK___YERKES 23781	29.60 -0.06 -0.11	28.47 0.00 -0.07	25.75 -0.62 -0.42	25.28 -0.67 -0.03	25.33 -0.70 -0.10	25.91 -0.13 0.00	27.33 -0.33 -0.03	27.95 -0.38 -1.11	31.38 -0.43 -0.76	31.37 -0.34 -0.77	33.21 -0.30 -0.39	36.72 -0.26 -0.02	36.57 -0.78 -0.11	37.90 -1.16 -0.45	39.94 -1.07 0.01	42.12 -1.25 -0.28	49.39 -1.84 -0.17	50.84 -1.49 -1.12	49.23 -1.99 -0.17	50.22 -1.38 -0.54	47.09 -1.51 -0.01	37.53 -0.72 -0.34	34.36 -1.21 -0.02	32.82 -0.16 -0.03
INDIAN POINT_GT_1 24139	31.91 1.68 -0.67	30.39 1.53 -0.46	29.95 1.40 -2.60	27.47 1.37 -0.16	27.87 1.30 -0.64	27.36 1.33 0.00	29.37 1.58 -0.16	35.77 1.55 -7.00	37.67 1.83 -4.79	37.70 1.89 -4.87	37.60 2.02 -2.46	39.36 2.22 -0.18	40.16 2.20 -0.73	43.93 2.47 -2.86	43.76 2.75 0.00	47.84 2.97 -1.77	58.12 3.57 -3.49	61.94 3.74 -6.99	58.08 3.22 -3.81	57.32 2.91 -3.36	51.25 2.62 -0.03	41.92 1.90 -2.12	37.53 1.85 -0.14	35.00 1.88 -0.16
INDIAN POINT_GT_2 23659	31.91 1.68 -0.67	30.39 1.53 -0.46	29.95 1.40 -2.60	27.47 1.37 -0.16	27.87 1.30 -0.64	27.36 1.33 0.00	29.37 1.58 -0.16	35.77 1.55 -7.00	37.67 1.83 -4.79	37.70 1.89 -4.87	37.60 2.02 -2.46	39.36 2.22 -0.18	40.16 2.20 -0.73	43.93 2.47 -2.86	43.76 2.75 0.00	47.84 2.97 -1.77	58.12 3.57 -3.49	61.94 3.74 -6.99	58.08 3.22 -3.81	57.32 2.91 -3.36	51.25 2.62 -0.03	41.92 1.90 -2.12	37.53 1.85 -0.14	35.00 1.88 -0.16
INDIAN POINT_GT_3 24019	31.91 1.68 -0.67	30.39 1.53 -0.46	29.95 1.40 -2.60	27.47 1.37 -0.16	27.87 1.30 -0.64	27.36 1.33 0.00	29.37 1.58 -0.16	35.77 1.55 -7.00	37.67 1.83 -4.79	37.70 1.89 -4.87	37.60 2.02 -2.46	39.36 2.22 -0.18	40.16 2.20 -0.73	43.93 2.47 -2.86	43.76 2.75 0.00	47.84 2.97 -1.77	58.12 3.57 -3.49	61.94 3.74 -6.99	58.08 3.22 -3.81	57.32 2.91 -3.36	51.25 2.62 -0.03	41.92 1.90 -2.12	37.53 1.85 -0.14	35.00 1.88 -0.16
INDIAN POINT___2 23530	31.86 1.65 -0.66	30.33 1.48 -0.46	29.86 1.35 -2.55	27.41 1.32 -0.16	27.81 1.24 -0.63	27.34 1.30 0.00	29.34 1.55 -0.16	35.60 1.50 -6.88	37.53 1.77 -4.71	37.55 1.82 -4.79	37.49 1.95 -2.42	39.28 2.14 -0.18	40.11 2.16 -0.71	43.81 2.39 -2.81	43.67 2.66 0.00	47.68 2.84 -1.74	57.96 3.47 -3.43	61.66 3.58 -6.87	57.86 3.06 -3.74	57.11 2.76 -3.30	51.15 2.53 -0.03	41.89 1.89 -2.08	37.49 1.81 -0.14	34.90 1.78 -0.16
INDIAN POINT___3 23531	31.88 1.65 -0.67	30.36 1.50 -0.46	29.93 1.38 -2.60	27.44 1.35 -0.16	27.84 1.27 -0.64	27.34 1.30 0.00	29.35 1.55 -0.16	35.75 1.52 -7.01	37.65 1.80 -4.79	37.67 1.86 -4.88	37.57 1.99 -2.46	39.32 2.18 -0.18	40.13 2.16 -0.73	43.86 2.39 -2.86	43.67 2.67 0.00	47.75 2.89 -1.77	58.02 3.47 -3.49	61.79 3.58 -6.99	57.98 3.11 -3.81	57.17 2.76 -3.36	51.15 2.53 -0.03	41.85 1.82 -2.12	37.50 1.81 -0.14	34.97 1.85 -0.16
INGHAM_C_115KV_TB7 356103	29.37 -0.18 0.00	28.22 -0.17 0.00	25.77 -0.18 0.00	25.72 -0.21 0.00	25.75 -0.18 0.00	25.85 -0.18 0.00	27.47 -0.17 0.00	27.08 -0.14 0.00	30.93 -0.12 0.00	30.94 0.00 0.00	33.12 0.00 0.00	36.96 0.00 0.00	37.24 0.00 0.00	38.64 0.04 0.00	41.01 0.00 0.00	43.09 0.00 0.00	51.21 0.15 0.00	51.47 0.26 0.00	51.00 -0.05 0.00	51.00 -0.05 0.00	48.49 -0.10 0.00	37.87 -0.04 0.00	35.54 0.00 0.00	32.89 -0.07 0.00
IP CORINTH___1 23988	32.31 1.86 -0.90	30.77 1.76 -0.62	30.94 1.51 -3.48	27.63 1.48 -0.22	28.27 1.48 -0.86	27.62 1.59 0.00	29.54 1.69 -0.22	46.13 1.74 -17.18	39.57 2.11 -6.41	39.50 2.04 -6.52	38.33 1.92 -3.29	39.42 2.22 -0.25	40.48 2.27 -0.97	44.59 2.16 -3.82	43.10 2.09 0.00	47.75 2.28 -2.37	65.01 2.86 -11.09	76.34 2.92 -22.21	66.53 3.37 -12.10	65.35 3.62 -10.67	52.39 3.69 -0.11	47.52 2.88 -6.73	38.52 2.52 -0.46	35.35 2.18 -0.22
IP___TICONDEROGA 23804	33.76 3.31 -0.90	32.17 3.15 -0.62	32.12 2.70 -3.47	28.79 2.64 -0.22	29.46 2.67 -0.86	28.92 2.89 0.00	30.92 3.07 -0.22	47.46 3.16 -17.09	41.40 3.94 -6.40	41.25 3.81 -6.51	40.25 3.84 -3.29	41.67 4.47 -0.25	42.61 4.39 -0.97	46.86 4.44 -3.81	45.52 4.51 0.00	50.24 4.78 -2.37	68.10 6.02 -11.03	79.18 5.89 -22.08	69.52 6.43 -12.03	68.30 6.64 -10.61	55.35 6.66 -0.10	50.06 5.46 -6.69	40.61 4.62 -0.45	37.00 3.82 -0.22
ISLIP_RES_REC 323679	52.17 3.57 -19.05	38.39 2.98 -7.01	34.24 2.93 -5.35	31.72 2.88 -2.91	31.43 2.78 -2.73	31.11 2.86 -2.21	35.28 3.29 -4.36	39.33 3.26 -8.85	49.37 3.94 -14.38	59.35 3.84 -24.58	56.90 4.01 -19.77	58.69 4.32 -17.41	59.04 4.21 -17.59	61.64 4.51 -18.52	70.38 5.00 -24.37	67.04 5.30 -18.65	74.66 6.28 -17.33	91.99 6.50 -34.27	82.19 5.97 -25.17	89.40 5.87 -32.47	66.04 5.39 -12.06	65.40 4.10 -23.40	53.20 4.05 -13.61	51.07 4.02 -14.09
JAMAICA__27_KV_LOAD 355505	32.15 1.92 -0.68	30.57 1.70 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.03 1.45 -0.65	27.60 1.56 0.00	29.71 1.91 -0.17	36.19 1.88 -7.10	38.14 2.24 -4.85	38.19 2.32 -4.94	37.83 2.22 -2.49	39.62 2.48 -0.19	40.43 2.46 -0.74	44.39 2.90 -2.89	44.25 3.24 0.00	48.38 3.49 -1.79	58.93 4.34 -3.54	62.80 4.51 -7.08	58.90 3.98 -3.86	57.93 3.47 -3.40	51.78 3.16 -0.03	42.14 2.08 -2.15	37.89 2.20 -0.15	35.30 2.18 -0.17
JANIS___SOLAR 323808	30.70 0.97 -0.18	29.54 1.02 -0.12	27.32 0.67 -0.69	26.65 0.67 -0.04	26.77 0.67 -0.17	27.08 1.04 0.00	28.81 1.13 -0.04	30.46 1.09 -2.15	33.38 1.09 -1.24	33.12 0.93 -1.26	34.72 0.96 -0.64	38.19 1.18 -0.05	38.47 1.04 -0.19	40.50 1.16 -0.74	42.34 1.19 -0.14	45.54 1.29 -1.16	55.72 1.99 -2.67	57.80 2.76 -3.82	57.05 2.96 -3.03	56.99 3.27 -2.67	53.11 2.96 -1.55	41.02 2.39 -0.72	37.51 1.92 -0.05	34.48 1.48 -0.04
JARVIS____ 23743	29.61 0.06 0.00	28.45 0.06 0.00	25.98 0.03 0.00	25.95 0.03 0.00	25.95 0.03 0.00	26.09 0.05 0.00	27.69 0.06 0.00	27.27 0.05 0.00	31.12 0.06 0.00	31.00 0.06 0.00	33.19 0.07 0.00	37.03 0.07 0.00	37.32 0.07 0.00	38.72 0.12 0.00	41.09 0.08 0.00	43.18 0.09 0.00	51.21 0.15 0.00	51.42 0.21 0.00	51.21 0.15 0.00	51.21 0.15 0.00	48.69 0.10 0.00	38.02 0.11 0.00	35.61 0.07 0.00	33.02 0.07 0.00
JENNISON___1 23625	30.99 1.21 -0.22	29.71 1.16 -0.16	27.73 0.91 -0.87	26.89 0.91 -0.06	27.05 0.91 -0.22	27.23 1.20 0.00	29.02 1.33 -0.06	31.51 1.28 -3.01	34.08 1.43 -1.60	33.89 1.33 -1.62	35.40 1.46 -0.82	38.72 1.70 -0.06	39.16 1.68 -0.24	41.41 1.85 -0.95	42.96 1.85 -0.10	46.13 1.94 -1.09	56.55 2.71 -2.79	58.98 3.28 -4.50	57.54 3.37 -3.11	57.23 3.42 -2.75	52.87 3.16 -1.12	41.53 2.58 -1.05	37.74 2.13 -0.07	34.56 1.55 -0.06
JENNISON___2 23626	30.99 1.21 -0.22	29.71 1.16 -0.16	27.73 0.91 -0.87	26.89 0.91 -0.06	27.05 0.91 -0.22	27.23 1.20 0.00	29.02 1.33 -0.06	31.51 1.28 -3.01	34.08 1.43 -1.60	33.89 1.33 -1.62	35.40 1.46 -0.82	38.72 1.70 -0.06	39.16 1.68 -0.24	41.41 1.85 -0.95	42.96 1.85 -0.10	46.13 1.94 -1.09	56.55 2.71 -2.79	58.98 3.28 -4.50	57.54 3.37 -3.11	57.23 3.42 -2.75	52.87 3.16 -1.12	41.53 2.58 -1.05	37.74 2.13 -0.07	34.56 1.55 -0.06

JERICO_RISE_WT_PWR 323719	29.35 -0.21 0.00	28.25 -0.14 0.00	26.06 0.10 0.00	26.09 0.16 0.00	26.06 0.13 0.00	26.06 0.03 0.00	27.63 0.00 0.00	27.30 0.08 0.00	31.15 0.09 0.00	30.97 0.03 0.00	33.09 -0.03 0.00	36.88 -0.07 0.00	37.35 0.11 0.00	38.68 0.08 0.00	41.21 0.21 0.00	43.18 0.09 0.00	51.21 0.15 0.00	51.31 0.10 0.00	51.51 0.46 0.00	51.67 0.61 0.00	49.32 0.73 0.00	38.40 0.49 0.00	36.00 0.46 0.00	33.29 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	32.13 1.89 -0.69	30.60 1.73 -0.48	30.19 1.56 -2.68	27.65 1.56 -0.17	28.02 1.43 -0.66	27.49 1.46 0.00	29.54 1.74 -0.17	36.13 1.69 -7.23	37.98 1.99 -4.94	38.00 2.04 -5.02	37.94 2.29 -2.54	39.62 2.48 -0.19	40.48 2.50 -0.75	44.33 2.78 -2.94	44.12 3.12 0.00	48.37 3.45 -1.83	58.79 4.14 -3.60	62.78 4.35 -7.21	58.82 3.83 -3.93	58.04 3.52 -3.47	51.88 3.26 -0.03	42.45 2.35 -2.19	37.82 2.13 -0.15	35.24 2.11 -0.17
KCE_NY_1 323755	32.48 2.04 -0.89	30.94 1.93 -0.62	31.10 1.69 -3.46	27.81 1.66 -0.22	28.45 1.66 -0.86	27.78 1.74 0.00	29.70 1.85 -0.22	46.04 1.85 -16.97	39.61 2.17 -6.39	39.57 2.13 -6.50	38.62 2.22 -3.28	39.75 2.55 -0.25	40.78 2.57 -0.97	45.00 2.59 -3.81	43.71 2.71 0.00	48.34 2.89 -2.36	65.46 3.47 -10.93	76.68 3.58 -21.89	66.61 3.63 -11.93	65.30 3.73 -10.52	52.24 3.55 -0.10	47.39 2.84 -6.64	38.51 2.52 -0.45	35.48 2.31 -0.22
KCE_NY_6_ESR 323823	29.52 -0.15 -0.11	28.50 0.03 -0.08	25.72 -0.67 -0.44	25.36 -0.60 -0.03	25.26 -0.78 -0.11	26.11 0.08 0.00	27.58 -0.08 -0.03	27.95 -0.46 -1.20	31.34 -0.53 -0.81	31.33 -0.43 -0.83	33.14 -0.40 -0.42	37.06 0.07 -0.03	36.69 -0.67 -0.12	38.13 -0.96 -0.48	40.14 -0.86 0.00	42.36 -1.03 -0.30	49.77 -1.53 -0.24	51.49 -0.92 -1.20	49.92 -1.38 -0.24	50.72 -0.92 -0.58	47.53 -1.07 -0.01	38.20 -0.08 -0.37	34.93 -0.64 -0.02	33.15 0.17 -0.03
KEDC_PORT_JEFF_GT2 24210	51.88 3.28 -19.05	38.16 2.75 -7.01	34.00 2.70 -5.35	31.48 2.65 -2.91	31.20 2.54 -2.73	30.87 2.63 -2.21	35.01 3.01 -4.36	39.04 2.97 -8.85	49.03 3.60 -14.38	59.04 3.53 -24.58	56.53 3.64 -19.77	58.25 3.88 -17.41	58.52 3.69 -17.59	62.71 3.98 -20.13	69.72 4.14 -24.57	66.09 4.35 -18.65	73.60 5.21 -17.33	92.87 5.43 -36.24	83.67 4.90 -27.71	94.91 4.80 -39.05	65.56 4.38 -12.59	65.56 3.49 -24.17	52.82 3.66 -13.61	50.71 3.66 -14.09
KEDC_PORT_JEFF_GT3 24211	51.88 3.28 -19.05	38.16 2.75 -7.01	34.00 2.70 -5.35	31.48 2.65 -2.91	31.20 2.54 -2.73	30.87 2.63 -2.21	35.01 3.01 -4.36	39.04 2.97 -8.85	49.03 3.60 -14.38	59.04 3.53 -24.58	56.53 3.64 -19.77	58.25 3.88 -17.41	58.52 3.69 -17.59	62.71 3.98 -20.13	69.72 4.14 -24.57	66.09 4.35 -18.65	73.60 5.21 -17.33	92.87 5.43 -36.24	83.67 4.90 -27.71	94.91 4.80 -39.05	65.56 4.38 -12.59	65.56 3.49 -24.17	52.82 3.66 -13.61	50.71 3.66 -14.09
KEDC_GLWD_GT4 24219	50.66 2.07 -19.05	37.42 2.02 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.15 2.16 -4.36	38.16 2.10 -8.85	47.69 2.27 -14.37	57.83 2.32 -24.57	55.37 2.49 -19.76	57.14 2.77 -17.41	57.62 2.79 -17.58	53.17 3.09 -11.48	64.99 3.40 -20.58	65.40 3.66 -18.65	72.83 4.44 -17.33	81.55 4.61 -25.73	69.19 4.03 -14.10	58.62 3.78 -3.79	54.44 3.35 -2.50	54.35 2.46 -13.98	51.53 2.38 -13.61	49.32 2.27 -14.09
KEDC_GLWD_GT5 24220	50.66 2.07 -19.05	37.42 2.02 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.15 2.16 -4.36	38.16 2.10 -8.85	47.69 2.27 -14.37	57.83 2.32 -24.57	55.37 2.49 -19.76	57.14 2.77 -17.41	57.62 2.79 -17.58	53.17 3.09 -11.48	64.99 3.40 -20.58	65.40 3.66 -18.65	72.83 4.44 -17.33	81.55 4.61 -25.73	69.19 4.03 -14.10	58.62 3.78 -3.79	54.44 3.35 -2.50	54.35 2.46 -13.98	51.53 2.38 -13.61	49.32 2.27 -14.09
KENSICO____ 23655	32.03 1.80 -0.68	30.48 1.62 -0.47	30.06 1.48 -2.63	27.55 1.45 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.49 1.69 -0.17	35.93 1.63 -7.08	37.85 1.96 -4.84	37.87 2.01 -4.92	37.76 2.15 -2.49	39.51 2.37 -0.19	40.36 2.38 -0.73	44.12 2.63 -2.89	43.92 2.91 0.00	48.03 3.15 -1.79	58.36 3.78 -3.53	62.22 3.94 -7.06	58.33 3.42 -3.85	57.51 3.06 -3.39	51.44 2.82 -0.03	42.06 2.01 -2.14	37.68 1.99 -0.15	35.13 2.01 -0.17
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.92 1.74 -0.63	30.42 1.59 -0.43	29.82 1.43 -2.44	27.48 1.40 -0.15	27.80 1.27 -0.60	27.34 1.30 0.00	29.34 1.55 -0.15	35.68 1.58 -6.88	37.40 1.83 -4.52	37.48 1.95 -4.60	37.50 2.05 -2.32	39.42 2.29 -0.17	40.23 2.31 -0.69	43.85 2.55 -2.69	43.92 2.91 0.00	47.91 3.15 -1.67	58.46 3.88 -3.52	62.41 4.15 -7.05	58.32 3.42 -3.84	57.61 3.17 -3.39	51.59 2.96 -0.03	42.24 2.20 -2.14	37.75 2.06 -0.14	35.12 2.01 -0.16
KIAC_JFK_GT1 23816	32.00 1.77 -0.68	30.43 1.56 -0.47	30.07 1.48 -2.63	27.55 1.45 -0.17	27.90 1.32 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	36.00 1.69 -7.10	37.89 1.99 -4.85	37.88 2.01 -4.94	37.54 1.92 -2.49	39.29 2.14 -0.19	40.10 2.12 -0.74	44.01 2.51 -2.89	43.88 2.87 0.00	47.95 3.06 -1.79	58.37 3.78 -3.54	62.24 3.94 -7.08	58.39 3.47 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.80 1.74 -2.15	37.61 1.92 -0.15	35.04 1.91 -0.17
KIAC_JFK_GT2 23817	32.00 1.77 -0.68	30.43 1.56 -0.47	30.07 1.48 -2.63	27.55 1.45 -0.17	27.90 1.32 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	36.00 1.69 -7.10	37.89 1.99 -4.85	37.88 2.01 -4.94	37.54 1.92 -2.49	39.29 2.14 -0.19	40.10 2.12 -0.74	44.01 2.51 -2.89	43.88 2.87 0.00	47.95 3.06 -1.79	58.37 3.78 -3.54	62.24 3.94 -7.08	58.39 3.47 -3.86	57.42 2.96 -3.40	51.30 2.67 -0.03	41.80 1.74 -2.15	37.61 1.92 -0.15	35.04 1.91 -0.17
KIAC_JFK____ 323774	32.00 1.77 -0.68	30.40 1.53 -0.47	30.07 1.48 -2.63	27.55 1.45 -0.17	27.90 1.32 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	36.00 1.69 -7.09	37.90 1.99 -4.85	37.86 1.98 -4.94	37.50 1.89 -2.49	39.29 2.14 -0.19	40.10 2.12 -0.74	44.01 2.51 -2.89	43.84 2.83 0.00	47.95 3.06 -1.79	58.42 3.83 -3.54	62.29 4.00 -7.08	58.39 3.47 -3.86	57.47 3.01 -3.40	51.30 2.67 -0.03	41.87 1.82 -2.15	37.60 1.92 -0.15	34.90 1.78 -0.17
KINTIGH____ 23543	29.50 -0.15 -0.09	28.23 -0.23 -0.06	25.74 -0.57 -0.36	25.12 -0.83 -0.02	25.29 -0.73 -0.09	25.46 -0.57 0.00	27.13 -0.53 -0.02	27.66 -0.52 -0.96	31.13 -0.59 -0.67	31.02 -0.59 -0.68	32.80 -0.66 -0.34	36.32 -0.67 -0.03	36.49 -0.86 -0.10	37.96 -1.04 -0.40	39.86 -1.15 0.00	42.05 -1.29 -0.25	49.82 -1.89 -0.65	50.88 -1.28 -0.95	50.40 -1.38 -0.72	50.18 -1.33 -0.46	47.48 -1.12 0.00	37.17 -1.02 -0.29	34.35 -1.21 -0.02	32.29 -0.69 -0.02
KNTFSRNC_46_KV_46KV_LOAD 80397	29.64 0.09 0.00	28.65 0.26 0.00	26.32 0.36 0.00	26.37 0.44 0.00	26.32 0.39 0.00	26.35 0.31 0.00	27.91 0.28 0.00	27.60 0.38 0.00	31.49 0.43 0.00	31.31 0.37 0.00	33.39 0.26 0.00	37.25 0.30 0.00	37.80 0.56 0.00	39.07 0.46 0.00	41.66 0.66 0.00	43.65 0.56 0.00	51.87 0.82 0.00	52.08 0.87 0.00	52.18 1.12 0.00	52.54 1.48 0.00	50.10 1.51 0.00	39.08 1.18 0.00	36.47 0.92 0.00	33.71 0.76 0.00

LACHUTE____HYDRO 323717	33.76 3.31 -0.90	32.25 3.24 -0.62	32.12 2.70 -3.47	28.80 2.65 -0.22	29.46 2.67 -0.86	28.92 2.89 0.00	30.92 3.07 -0.22	47.46 3.16 -17.09	41.40 3.94 -6.40	41.25 3.80 -6.51	40.25 3.84 -3.29	41.71 4.51 -0.25	42.60 4.39 -0.97	46.86 4.44 -3.81	45.52 4.51 0.00	50.24 4.78 -2.37	68.10 6.02 -11.02	79.17 5.89 -22.07	69.52 6.43 -12.03	68.35 6.69 -10.61	55.35 6.66 -0.10	50.09 5.49 -6.69	40.58 4.59 -0.45	37.00 3.82 -0.22
LAWRNCAV_115KV_TB1 80681	29.20 -0.35 0.00	28.11 -0.28 0.00	25.80 -0.16 0.00	25.85 -0.08 0.00	25.83 -0.10 0.00	25.83 -0.21 0.00	27.25 -0.39 0.00	26.75 -0.46 0.00	30.49 -0.56 0.00	30.41 -0.53 0.00	32.49 -0.63 0.00	36.14 -0.81 0.00	36.57 -0.67 0.00	37.60 -1.00 0.00	39.94 -1.07 0.00	41.89 -1.21 0.00	49.63 -1.43 0.00	49.57 -1.64 0.00	49.63 -1.43 0.00	49.78 -1.28 0.00	47.99 -1.12 -0.51	37.49 -0.42 0.00	35.36 -0.18 0.00	32.76 -0.20 0.00
LEDERLE____ 23769	31.91 1.71 -0.65	30.40 1.56 -0.45	29.89 1.43 -2.51	27.46 1.37 -0.16	27.85 1.30 -0.62	27.36 1.33 0.00	29.37 1.58 -0.16	35.55 1.58 -6.75	37.54 1.86 -4.62	37.58 1.95 -4.70	37.58 2.09 -2.37	39.42 2.29 -0.18	40.21 2.27 -0.70	43.83 2.47 -2.75	43.80 2.79 0.00	47.77 2.97 -1.71	58.05 3.62 -3.37	61.69 3.74 -6.74	57.94 3.22 -3.67	57.15 2.86 -3.24	51.25 2.62 -0.03	41.88 1.93 -2.04	37.56 1.88 -0.14	35.03 1.91 -0.16
LIGHTHSE_115KV_TB6 355974	29.10 -0.50 -0.05	27.95 -0.48 -0.03	25.63 -0.52 -0.19	25.37 -0.57 -0.01	25.43 -0.54 -0.05	25.59 -0.44 0.00	27.20 -0.44 -0.01	26.99 -0.44 -0.21	30.86 -0.56 -0.36	30.75 -0.56 -0.37	32.61 -0.70 -0.19	36.27 -0.70 -0.01	36.55 -0.74 -0.06	38.13 -0.69 -0.22	40.62 -0.78 -0.39	44.27 -0.86 -2.04	54.39 -0.82 -4.15	54.38 -0.61 -3.79	55.26 -0.46 -4.66	54.63 -0.41 -3.98	52.15 -0.44 -3.99	37.64 -0.27 0.00	35.19 -0.36 0.00	32.44 -0.53 -0.01
LINDEN COGEN____ 23786	31.85 1.62 -0.68	30.31 1.45 -0.47	29.96 1.37 -2.63	27.44 1.35 -0.17	27.80 1.22 -0.65	27.31 1.28 0.00	29.40 1.60 -0.17	34.90 1.50 -6.19	35.37 1.80 -2.51	35.60 1.86 -2.81	35.56 1.95 -0.49	36.82 2.14 2.28	40.14 2.16 -0.74	44.01 2.51 -2.89	43.84 2.83 0.00	47.95 3.06 -1.79	58.37 3.78 -3.54	62.24 3.94 -7.08	58.23 3.32 -3.86	57.31 2.86 -3.40	50.12 2.53 1.00	40.72 1.74 -1.07	35.49 1.74 1.79	34.84 1.71 -0.17
LINDHRST_69_KV_BK1 356055	51.70 3.10 -19.05	38.25 2.84 -7.01	33.79 2.49 -5.35	31.30 2.46 -2.91	31.04 2.39 -2.73	30.72 2.47 -2.21	34.82 2.82 -4.36	38.85 2.78 -8.85	48.75 3.32 -14.37	58.82 3.31 -24.58	56.33 3.44 -19.76	58.14 3.77 -17.41	58.59 3.76 -17.58	54.81 4.02 -12.19	66.93 4.43 -21.50	66.44 4.70 -18.65	73.95 5.56 -17.33	83.54 5.74 -26.59	71.48 5.21 -15.21	62.79 5.05 -6.68	58.06 4.66 -4.80	57.41 3.45 -16.05	52.64 3.48 -13.61	50.48 3.43 -14.09
LIPA_MISC_IPP 23656	51.94 3.34 -19.05	38.47 3.07 -7.01	34.03 2.73 -5.35	31.53 2.70 -2.91	31.25 2.59 -2.73	30.93 2.68 -2.21	35.06 3.07 -4.36	39.12 3.05 -8.85	49.09 3.66 -14.38	59.17 3.65 -24.58	56.67 3.78 -19.77	58.47 4.10 -17.41	58.89 4.06 -17.59	61.73 4.32 -18.80	69.96 4.72 -24.24	66.61 4.87 -18.65	74.16 5.77 -17.33	91.77 5.94 -34.62	82.08 5.41 -25.62	90.05 5.36 -33.64	65.33 5.00 -11.74	64.81 3.71 -23.19	52.92 3.77 -13.61	50.84 3.79 -14.09
LISF____SOLAR 323691	51.96 3.37 -19.05	38.27 2.87 -7.01	34.08 2.78 -5.35	31.59 2.75 -2.91	31.30 2.65 -2.73	30.98 2.73 -2.21	35.12 3.12 -4.36	39.14 3.07 -8.85	49.15 3.72 -14.38	59.19 3.68 -24.58	56.70 3.81 -19.77	58.47 4.10 -17.41	58.82 3.99 -17.59	61.75 4.25 -18.89	70.08 4.80 -24.28	66.73 5.00 -18.65	74.31 5.92 -17.33	92.08 6.14 -34.73	82.33 5.52 -25.76	90.58 5.52 -34.01	65.53 5.10 -11.84	64.99 3.79 -23.29	52.99 3.84 -13.61	50.84 3.79 -14.09
LITTLE FALLS____HYD 24013	29.37 -0.18 0.00	28.22 -0.17 0.00	25.77 -0.18 0.00	25.72 -0.21 0.00	25.75 -0.18 0.00	25.85 -0.18 0.00	27.47 -0.17 0.00	27.08 -0.14 0.00	30.93 -0.12 0.00	30.94 0.00 0.00	33.12 0.00 0.00	36.96 0.00 0.00	37.24 0.00 0.00	38.64 0.04 0.00	41.01 0.00 0.00	43.09 0.00 0.00	51.21 0.15 0.00	51.47 0.26 0.00	51.00 -0.05 0.00	51.00 -0.05 0.00	48.49 -0.10 0.00	37.87 -0.04 0.00	35.54 0.00 0.00	32.89 -0.07 0.00
LITTLRIV_115KV_TB1 356100	29.34 -0.21 0.00	28.28 -0.11 0.00	25.95 0.00 0.00	26.01 0.08 0.00	25.98 0.05 0.00	25.98 -0.05 0.00	27.47 -0.17 0.00	26.97 -0.24 0.00	30.77 -0.28 0.00	30.69 -0.25 0.00	32.79 -0.33 0.00	36.51 -0.44 0.00	36.94 -0.30 0.00	38.07 -0.54 0.00	40.39 -0.62 0.00	42.36 -0.73 0.00	50.24 -0.82 0.00	50.08 -1.13 0.00	50.19 -0.87 0.00	50.34 -0.71 0.00	48.56 -0.58 -0.55	37.91 0.00 0.00	35.72 0.18 0.00	32.99 0.03 0.00
LI_NEWBRDGE____DRP 323616	50.93 2.33 -19.05	37.56 2.16 -7.01	33.22 1.92 -5.35	30.73 1.89 -2.91	30.44 1.79 -2.73	30.12 1.87 -2.21	34.15 2.16 -4.36	38.17 2.10 -8.86	47.94 2.52 -14.38	58.05 2.54 -24.58	55.53 2.65 -19.76	57.25 2.88 -17.41	57.69 2.87 -17.58	53.07 3.09 -11.37	64.99 3.40 -20.58	65.36 3.62 -18.64	72.72 4.34 -17.33	81.32 4.51 -25.61	68.97 3.98 -13.94	58.26 3.83 -3.38	54.49 3.40 -2.50	54.33 2.46 -13.96	51.71 2.56 -13.61	49.62 2.57 -14.09
LOCKPORT_115KV_TB60_63_64 80432	29.39 -0.27 -0.10	28.10 -0.37 -0.07	25.60 -0.75 -0.40	25.02 -0.93 -0.03	25.09 -0.93 -0.10	25.64 -0.39 0.00	27.11 -0.55 -0.03	27.60 -0.68 -1.06	30.98 -0.81 -0.73	30.90 -0.77 -0.74	32.67 -0.83 -0.37	36.21 -0.78 -0.03	36.27 -1.08 -0.11	37.50 -1.54 -0.43	39.24 -1.76 0.00	41.34 -2.03 -0.27	48.40 -2.86 -0.20	50.02 -2.25 -1.06	48.90 -2.35 -0.20	49.42 -2.14 -0.51	46.75 -1.85 0.00	37.01 -1.21 -0.32	34.07 -1.49 -0.02	31.96 -1.02 -0.03
LOCKPORT____CC1 323769	29.39 -0.27 -0.10	28.21 -0.26 -0.07	25.55 -0.80 -0.40	25.07 -0.88 -0.03	25.12 -0.91 -0.10	25.77 -0.26 0.00	27.13 -0.53 -0.03	27.61 -0.68 -1.07	30.98 -0.81 -0.74	30.97 -0.71 -0.75	32.74 -0.76 -0.38	36.28 -0.70 -0.03	36.27 -1.08 -0.11	37.35 -1.70 -0.44	39.32 -1.68 0.00	41.51 -1.85 -0.27	48.59 -2.66 -0.19	50.28 -2.00 -1.07	48.84 -2.40 -0.18	49.78 -1.79 -0.51	46.75 -1.85 -0.01	37.13 -1.10 -0.32	34.04 -1.53 -0.02	32.39 -0.59 -0.03
LOCKPORT____CC2 323770	29.39 -0.27 -0.10	28.21 -0.26 -0.07	25.55 -0.80 -0.40	25.07 -0.88 -0.03	25.12 -0.91 -0.10	25.77 -0.26 0.00	27.13 -0.53 -0.03	27.61 -0.68 -1.07	30.98 -0.81 -0.74	30.97 -0.71 -0.75	32.74 -0.76 -0.38	36.28 -0.70 -0.03	36.27 -1.08 -0.11	37.35 -1.70 -0.44	39.32 -1.68 0.00	41.51 -1.85 -0.27	48.59 -2.66 -0.19	50.28 -2.00 -1.07	48.84 -2.40 -0.18	49.78 -1.79 -0.51	46.75 -1.85 -0.01	37.13 -1.10 -0.32	34.04 -1.53 -0.02	32.39 -0.59 -0.03
LOCKPORT____CC3 323771	29.39 -0.27 -0.10	28.21 -0.26 -0.07	25.55 -0.80 -0.40	25.07 -0.88 -0.03	25.12 -0.91 -0.10	25.77 -0.26 0.00	27.13 -0.53 -0.03	27.61 -0.68 -1.07	30.98 -0.81 -0.74	30.97 -0.71 -0.75	32.74 -0.76 -0.38	36.28 -0.70 -0.03	36.27 -1.08 -0.11	37.35 -1.70 -0.44	39.32 -1.68 0.00	41.51 -1.85 -0.27	48.59 -2.66 -0.19	50.28 -2.00 -1.07	48.84 -2.40 -0.18	49.78 -1.79 -0.51	46.75 -1.85 -0.01	37.13 -1.10 -0.32	34.04 -1.53 -0.02	32.39 -0.59 -0.03

LONG_LAKE_PHOENIX 24014	29.01 -0.59 -0.05	27.84 -0.60 -0.04	25.57 -0.60 -0.21	25.29 -0.65 -0.01	25.33 -0.65 -0.05	25.49 -0.55 0.00	27.09 -0.55 -0.01	26.93 -0.52 -0.23	30.83 -0.62 -0.39	30.75 -0.59 -0.40	32.66 -0.66 -0.20	36.27 -0.70 -0.02	36.56 -0.74 -0.06	38.15 -0.69 -0.23	40.75 -0.78 -0.52	45.02 -0.78 -2.70	55.79 -0.82 -5.56	55.78 -0.67 -5.23	56.79 -0.71 -6.45	55.85 -0.71 -5.51	53.43 -0.73 -5.57	37.26 -0.64 0.00	34.90 -0.64 0.00	32.31 -0.66 -0.01
LOVETT___3 23632	31.80 1.60 -0.65	30.29 1.45 -0.45	29.80 1.32 -2.52	27.39 1.30 -0.16	27.77 1.22 -0.62	27.28 1.25 0.00	29.29 1.49 -0.16	35.45 1.44 -6.79	37.44 1.74 -4.64	37.46 1.79 -4.73	37.43 1.92 -2.39	39.24 2.11 -0.18	39.99 2.05 -0.70	43.65 2.28 -2.77	43.55 2.54 0.00	47.52 2.71 -1.72	57.71 3.27 -3.38	61.42 3.43 -6.78	57.66 2.91 -3.69	56.86 2.55 -3.26	50.96 2.33 -0.03	41.67 1.71 -2.05	37.39 1.71 -0.14	34.90 1.78 -0.16
LOVETT___4 23642	31.80 1.60 -0.65	30.29 1.45 -0.45	29.80 1.32 -2.52	27.39 1.30 -0.16	27.77 1.22 -0.62	27.28 1.25 0.00	29.29 1.49 -0.16	35.45 1.44 -6.79	37.44 1.74 -4.64	37.46 1.79 -4.73	37.43 1.92 -2.39	39.24 2.11 -0.18	39.99 2.05 -0.70	43.65 2.28 -2.77	43.55 2.54 0.00	47.52 2.71 -1.72	57.71 3.27 -3.38	61.42 3.43 -6.78	57.66 2.91 -3.69	56.86 2.55 -3.26	50.96 2.33 -0.03	41.67 1.71 -2.05	37.39 1.71 -0.14	34.90 1.78 -0.16
LOVETT___5 23593	31.80 1.60 -0.65	30.29 1.45 -0.45	29.80 1.32 -2.52	27.39 1.30 -0.16	27.77 1.22 -0.62	27.28 1.25 0.00	29.29 1.49 -0.16	35.45 1.44 -6.79	37.44 1.74 -4.64	37.46 1.79 -4.73	37.43 1.92 -2.39	39.24 2.11 -0.18	39.99 2.05 -0.70	43.65 2.28 -2.77	43.55 2.54 0.00	47.52 2.71 -1.72	57.71 3.27 -3.38	61.42 3.43 -6.78	57.66 2.91 -3.69	56.86 2.55 -3.26	50.96 2.33 -0.03	41.67 1.71 -2.05	37.39 1.71 -0.14	34.90 1.78 -0.16
LOWER RAQUET___HYD 24057	29.11 -0.44 0.00	28.05 -0.34 0.00	25.77 -0.18 0.00	25.77 -0.15 0.00	25.75 -0.18 0.00	25.75 -0.29 0.00	27.19 -0.44 0.00	26.64 -0.57 0.00	30.40 -0.65 0.00	30.28 -0.65 0.00	32.36 -0.76 0.00	35.96 -1.00 0.00	36.39 -0.86 0.00	37.57 -1.04 0.00	39.78 -1.23 0.00	41.67 -1.42 0.00	49.37 -1.68 0.00	49.71 -1.95 -0.44	50.02 -1.58 -0.55	49.99 -1.53 -0.47	47.87 -1.31 -0.59	37.04 -0.87 0.00	35.29 -0.25 0.00	32.69 -0.26 0.00
LOWER___HUDSON 24059	32.08 1.65 -0.88	30.59 1.59 -0.61	30.75 1.40 -3.39	27.52 1.37 -0.22	28.14 1.37 -0.84	27.47 1.43 0.00	29.40 1.55 -0.22	44.22 1.52 -15.48	39.08 1.77 -6.26	39.07 1.76 -6.37	38.22 1.89 -3.21	39.34 2.14 -0.24	40.31 2.12 -0.95	44.46 2.12 -3.73	43.26 2.25 0.00	47.77 2.37 -2.31	63.63 2.81 -9.77	73.58 2.81 -19.56	64.42 2.70 -10.66	63.16 2.70 -9.40	51.26 2.57 -0.09	45.88 2.05 -5.93	37.86 1.92 -0.40	35.02 1.84 -0.22
LOWVILLE_115KV_TB2 356335	29.31 -0.27 -0.03	28.18 -0.23 -0.02	25.82 -0.23 -0.10	25.70 -0.23 -0.01	25.72 -0.23 -0.02	25.85 -0.18 0.00	27.42 -0.22 -0.01	27.16 -0.16 -0.11	30.99 -0.25 -0.18	30.88 -0.25 -0.19	32.88 -0.33 -0.09	36.67 -0.30 -0.01	36.97 -0.30 -0.03	38.48 -0.23 -0.11	40.76 -0.37 -0.13	43.34 -0.43 -0.68	52.34 -0.05 -1.33	52.71 0.00 -1.50	53.21 0.31 -1.85	53.04 0.41 -1.58	50.31 0.24 -1.47	38.25 0.34 0.00	35.83 0.28 0.00	32.90 -0.07 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	32.45 2.01 -0.89	30.91 1.90 -0.62	31.11 1.69 -3.46	27.78 1.63 -0.22	28.45 1.66 -0.86	27.75 1.72 0.00	29.70 1.85 -0.22	46.01 1.82 -16.97	39.61 2.17 -6.39	39.57 2.13 -6.50	38.62 2.22 -3.28	39.71 2.51 -0.25	40.74 2.53 -0.97	45.00 2.59 -3.81	43.67 2.67 0.00	48.30 2.84 -2.36	65.41 3.42 -10.93	76.63 3.53 -21.89	66.56 3.57 -11.93	65.25 3.68 -10.52	52.19 3.50 -0.10	47.31 2.77 -6.64	38.51 2.52 -0.45	35.45 2.27 -0.22
LUTHERNY_35_KV_BK2 355980	32.45 2.01 -0.89	30.94 1.93 -0.62	31.11 1.69 -3.46	27.81 1.66 -0.22	28.45 1.66 -0.86	27.78 1.74 0.00	29.70 1.85 -0.22	46.04 1.85 -16.97	39.61 2.17 -6.39	39.57 2.13 -6.50	38.62 2.22 -3.28	39.71 2.51 -0.25	40.78 2.57 -0.97	45.00 2.59 -3.81	43.71 2.71 0.00	48.34 2.89 -2.36	65.46 3.47 -10.93	76.68 3.58 -21.89	66.61 3.62 -11.93	65.25 3.68 -10.52	52.24 3.55 -0.10	47.35 2.81 -6.64	38.55 2.56 -0.45	35.48 2.31 -0.22
LWR___OSWEGATCHIE_HYD 23850	29.07 -0.50 -0.02	27.95 -0.45 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.67 -0.36 0.00	27.11 -0.53 -0.01	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.41 -1.27 -0.08	39.67 -1.44 -0.10	42.07 -1.55 -0.53	50.48 -1.63 -1.06	51.40 -1.13 -1.32	51.96 -0.71 -1.62	51.93 -0.51 -1.38	48.97 -0.78 -1.16	37.64 -0.27 0.00	35.40 -0.14 0.00	32.63 -0.33 0.00
LYONS_FALL_HYD 23570	29.63 0.06 -0.02	28.55 0.14 -0.02	26.07 0.03 -0.09	25.96 0.03 -0.01	25.98 0.03 -0.02	26.14 0.10 0.00	27.78 0.14 -0.01	27.48 0.16 -0.10	31.41 0.19 -0.17	31.26 0.16 -0.17	33.37 0.17 -0.09	37.22 0.26 -0.01	37.53 0.26 -0.03	39.09 0.39 -0.10	41.41 0.33 -0.08	43.84 0.30 -0.44	52.64 0.77 -0.82	53.03 0.92 -0.90	53.13 0.97 -1.11	53.02 1.02 -0.95	50.31 0.83 -0.89	38.59 0.68 0.00	36.14 0.60 0.00	33.23 0.26 -0.01
MADISON___COUNTY_LFGE 323628	30.03 0.44 -0.04	28.85 0.43 -0.03	26.42 0.31 -0.16	26.22 0.29 -0.01	26.28 0.31 -0.04	26.48 0.44 0.00	28.17 0.53 -0.01	27.95 0.57 -0.16	31.99 0.65 -0.28	31.87 0.65 -0.29	34.03 0.76 -0.14	37.85 0.89 -0.01	38.18 0.89 -0.04	39.82 1.04 -0.17	42.12 1.03 -0.09	44.66 1.03 -0.53	53.62 1.63 -0.93	53.95 1.84 -0.90	54.00 1.84 -1.10	53.78 1.79 -0.94	51.13 1.60 -0.94	39.16 1.25 0.00	36.54 1.00 0.00	33.59 0.63 -0.01
MALONE___115KV_TB1 356076	29.43 -0.12 0.00	28.42 0.03 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.14 0.10 0.00	27.69 0.06 0.00	27.33 0.11 0.00	31.18 0.12 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.88 -0.07 0.00	37.43 0.19 0.00	38.68 0.08 0.00	41.21 0.21 0.00	43.18 0.09 0.00	51.26 0.20 0.00	51.36 0.15 0.00	51.41 0.36 0.00	51.72 0.66 0.00	49.32 0.73 0.00	38.59 0.68 0.00	36.11 0.57 0.00	33.39 0.43 0.00
MAPLEWOD_115KV_TB3 80458	32.17 1.74 -0.88	30.65 1.65 -0.60	30.77 1.43 -3.39	27.60 1.45 -0.22	28.19 1.43 -0.84	27.52 1.48 0.00	29.45 1.60 -0.22	43.07 1.55 -14.30	39.04 1.74 -6.25	39.00 1.70 -6.36	38.15 1.82 -3.21	39.30 2.11 -0.24	40.31 2.12 -0.95	44.45 2.12 -3.72	43.26 2.26 0.00	47.82 2.41 -2.31	62.71 2.86 -8.80	71.75 2.92 -17.62	63.47 2.81 -9.60	62.28 2.76 -8.47	51.30 2.62 -0.08	45.30 2.05 -5.34	37.86 1.95 -0.36	35.02 1.85 -0.22
MAPLE RIDGE_WT_1 323574	29.31 -0.24 0.00	28.17 -0.23 0.00	25.77 -0.18 0.00	25.75 -0.18 0.00	25.77 -0.15 0.00	25.85 -0.18 0.00	27.44 -0.19 0.00	27.03 -0.19 0.00	30.87 -0.19 0.00	30.75 -0.18 0.00	32.92 -0.20 0.00	36.70 -0.26 0.00	36.98 -0.26 0.00	38.34 -0.27 0.00	40.72 -0.29 0.00	42.75 -0.35 0.00	50.64 -0.41 0.00	50.80 -0.41 0.00	50.70 -0.35 0.00	50.70 -0.35 0.00	48.30 -0.29 0.00	37.68 -0.23 0.00	35.36 -0.18 0.00	32.76 -0.20 0.00

MAPLE_RIDGE_WT_2 323611	29.31 -0.24 0.00	28.17 -0.23 0.00	25.77 -0.18 0.00	25.75 -0.18 0.00	25.77 -0.15 0.00	25.85 -0.18 0.00	27.44 -0.19 0.00	27.03 -0.19 0.00	30.87 -0.19 0.00	30.75 -0.18 0.00	32.92 -0.20 0.00	36.70 -0.26 0.00	36.98 -0.26 0.00	38.34 -0.27 0.00	40.72 -0.29 0.00	42.75 -0.35 0.00	50.64 -0.41 0.00	50.80 -0.41 0.00	50.70 -0.35 0.00	50.70 -0.35 0.00	48.30 -0.29 0.00	37.68 -0.23 0.00	35.36 -0.18 0.00	32.76 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	29.43 -0.12 0.00	28.34 -0.06 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.24 0.19 0.00	31.06 0.12 0.00	33.15 0.03 0.00	36.96 0.00 0.00	37.43 0.19 0.00	38.76 0.16 0.00	41.30 0.29 0.00	43.27 0.17 0.00	51.36 0.31 0.00	51.47 0.26 0.00	51.67 0.61 0.00	51.82 0.77 0.00	49.51 0.92 0.00	38.55 0.64 0.00	36.11 0.57 0.00	33.38 0.43 0.00
MARSHVLE_115KV_TB1 80742	33.08 2.45 -1.08	31.50 2.36 -0.75	32.18 2.05 -4.18	28.19 2.00 -0.27	29.01 2.05 -1.03	28.27 2.24 0.00	30.14 2.24 -0.27	45.63 2.20 -16.21	41.36 2.61 -7.70	41.19 2.41 -7.84	39.63 2.55 -3.96	40.06 2.81 -0.30	41.24 2.83 -1.17	46.21 3.01 -4.59	44.21 3.20 0.00	49.47 3.53 -2.85	65.13 4.39 -9.68	75.41 4.81 -19.39	66.78 5.16 -10.57	65.63 5.26 -9.32	53.59 4.91 -0.09	47.77 3.98 -5.88	39.32 3.38 -0.40	36.12 2.90 -0.27
MARSH_HILL_WT_PWR 323713	29.90 0.21 -0.14	28.86 0.37 -0.10	26.29 -0.21 -0.54	25.83 -0.13 -0.03	25.83 -0.23 -0.13	26.56 0.52 0.00	28.14 0.47 -0.03	28.87 0.16 -1.49	32.23 0.19 -0.99	32.22 0.28 -1.01	34.00 0.37 -0.51	37.81 0.81 -0.04	37.62 0.22 -0.15	39.35 0.16 -0.59	41.36 0.29 -0.06	44.08 0.30 -0.68	52.85 0.51 -1.28	54.40 1.02 -2.16	53.14 0.66 -1.43	53.43 0.97 -1.41	49.96 0.68 -0.68	39.39 1.02 -0.46	36.11 0.53 -0.03	33.82 0.82 -0.03
MCINTYRE_115KV_TB2 80467	29.49 -0.06 0.00	28.42 0.03 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.14 0.21 0.00	26.11 0.08 0.00	27.63 0.00 0.00	27.22 0.00 0.00	31.02 -0.03 0.00	30.87 -0.06 0.00	32.96 -0.17 0.00	36.73 -0.22 0.00	37.20 -0.04 0.00	38.34 -0.27 0.00	40.68 -0.33 0.00	42.66 -0.43 0.00	50.75 -0.31 0.00	50.55 -0.67 0.00	50.70 -0.36 0.00	50.85 -0.20 0.00	48.99 -0.10 -0.49	38.25 0.34 0.00	35.97 0.43 0.00	33.15 0.20 0.00
MECO____69_KV_BK1 80468	33.56 2.98 -1.02	32.00 2.90 -0.71	32.43 2.52 -3.96	28.59 2.41 -0.25	29.40 2.49 -0.98	28.72 2.68 0.00	30.68 2.79 -0.25	46.77 2.78 -16.77	41.61 3.26 -7.30	41.92 3.56 -7.43	40.65 3.78 -3.75	41.26 4.03 -0.28	42.41 4.06 -1.11	47.20 4.25 -4.35	45.72 4.72 0.00	51.13 5.34 -2.70	68.18 6.79 -10.34	79.39 7.48 -20.70	68.77 6.43 -11.28	67.54 6.54 -9.95	54.76 6.07 -0.10	49.00 4.81 -6.28	39.98 4.02 -0.43	36.77 3.56 -0.25
MENANDS__115KV_TB5 355628	31.93 1.51 -0.87	30.41 1.42 -0.60	30.59 1.27 -3.37	27.44 1.30 -0.21	28.03 1.27 -0.83	27.36 1.33 0.00	29.26 1.41 -0.21	42.29 1.36 -13.71	38.72 1.46 -6.21	38.68 1.42 -6.32	37.84 1.52 -3.19	38.97 1.77 -0.24	39.93 1.75 -0.94	44.05 1.74 -3.70	42.85 1.85 0.00	47.37 1.98 -2.30	61.69 2.30 -8.33	70.20 2.30 -16.68	62.29 2.14 -9.09	61.16 2.09 -8.02	50.66 1.99 -0.08	44.52 1.55 -5.06	37.45 1.56 -0.34	34.72 1.55 -0.21
MG INDUSTRY__DRP 24185	31.88 1.48 -0.85	30.40 1.42 -0.59	30.48 1.25 -3.28	27.41 1.27 -0.21	28.01 1.27 -0.81	27.34 1.30 0.00	29.20 1.35 -0.21	39.81 1.31 -11.28	38.50 1.40 -6.05	38.49 1.39 -6.16	37.69 1.46 -3.11	38.89 1.70 -0.23	39.83 1.68 -0.92	43.91 1.70 -3.61	42.77 1.76 0.00	47.18 1.85 -2.24	59.61 2.14 -6.41	66.25 2.20 -12.84	60.15 2.09 -7.00	59.32 2.09 -6.17	50.64 1.99 -0.06	43.43 1.63 -3.89	37.40 1.60 -0.26	34.71 1.55 -0.21
MID__OSWEGATCHIE_HYD 23849	29.07 -0.50 -0.02	27.95 -0.45 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.67 -0.36 0.00	27.11 -0.53 -0.01	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.41 -1.27 -0.08	39.67 -1.44 -0.10	42.07 -1.55 -0.53	50.48 -1.63 -1.06	51.40 -1.13 -1.32	51.96 -0.71 -1.62	51.93 -0.51 -1.38	48.97 -0.78 -1.16	37.64 -0.27 0.00	35.40 -0.14 0.00	32.63 -0.33 0.00
MID__RAQUETTE_HYD 23851	29.11 -0.44 0.00	28.05 -0.34 0.00	25.75 -0.21 0.00	25.77 -0.16 0.00	25.75 -0.18 0.00	25.77 -0.26 0.00	27.19 -0.44 0.00	26.65 -0.57 0.00	30.40 -0.65 0.00	30.29 -0.65 0.00	32.36 -0.76 0.00	35.96 -1.00 0.00	36.38 -0.86 0.00	37.45 -1.16 0.00	39.78 -1.23 0.00	41.71 -1.38 0.00	49.37 -1.68 0.00	49.76 -1.89 -0.44	49.97 -1.63 -0.55	50.09 -1.43 -0.47	47.87 -1.31 -0.59	37.38 -0.53 0.00	35.29 -0.25 0.00	32.73 -0.23 0.00
MILLIKEN__1 23584	30.07 0.38 -0.14	28.83 0.34 -0.09	26.69 0.21 -0.52	26.14 0.18 -0.03	26.24 0.18 -0.13	26.45 0.42 0.00	28.14 0.47 -0.03	29.19 0.54 -1.42	32.57 0.59 -0.93	32.40 0.53 -0.94	34.19 0.60 -0.48	37.69 0.70 -0.04	38.05 0.67 -0.14	39.89 0.73 -0.55	41.98 0.78 -0.20	45.25 0.86 -1.30	55.04 1.17 -2.81	56.29 1.59 -3.49	55.85 1.58 -3.21	55.44 1.58 -2.80	52.14 1.46 -2.10	39.47 1.10 -0.46	36.43 0.85 -0.03	33.58 0.59 -0.03
MILLIKEN__2 23585	30.07 0.38 -0.14	28.83 0.34 -0.09	26.69 0.21 -0.52	26.14 0.18 -0.03	26.24 0.18 -0.13	26.45 0.42 0.00	28.14 0.47 -0.03	29.19 0.54 -1.42	32.57 0.59 -0.93	32.40 0.53 -0.94	34.19 0.60 -0.48	37.69 0.70 -0.04	38.05 0.67 -0.14	39.89 0.73 -0.55	41.98 0.78 -0.20	45.25 0.86 -1.30	55.04 1.17 -2.81	56.29 1.59 -3.49	55.85 1.58 -3.21	55.44 1.58 -2.80	52.14 1.46 -2.10	39.47 1.10 -0.46	36.43 0.85 -0.03	33.58 0.59 -0.03
MILLIKEN__DIESEL 23629	30.07 0.38 -0.14	28.83 0.34 -0.09	26.69 0.21 -0.52	26.14 0.18 -0.03	26.24 0.18 -0.13	26.45 0.42 0.00	28.14 0.47 -0.03	29.19 0.54 -1.42	32.57 0.59 -0.93	32.40 0.53 -0.94	34.19 0.60 -0.48	37.69 0.70 -0.04	38.05 0.67 -0.14	39.89 0.73 -0.55	41.98 0.78 -0.20	45.25 0.86 -1.30	55.04 1.17 -2.81	56.29 1.59 -3.49	55.85 1.58 -3.21	55.44 1.58 -2.80	52.14 1.46 -2.10	39.47 1.10 -0.46	36.43 0.85 -0.03	33.58 0.59 -0.03
MILLSEAT__LFGE 323607	29.80 0.15 -0.10	28.61 0.14 -0.07	25.92 -0.42 -0.38	25.44 -0.52 -0.02	25.48 -0.55 -0.10	26.11 0.08 0.00	27.52 -0.14 -0.02	28.06 -0.19 -1.03	31.51 -0.25 -0.71	31.50 -0.15 -0.72	33.29 -0.20 -0.36	36.87 -0.11 -0.03	36.94 -0.41 -0.11	38.21 -0.81 -0.42	40.31 -0.70 0.00	42.53 -0.82 -0.26	49.92 -1.38 -0.24	51.52 -0.72 -1.02	50.23 -1.07 -0.25	50.99 -0.56 -0.49	47.92 -0.68 0.00	37.91 -0.31 -0.02	34.78 -0.78 -0.02	32.95 -0.03 -0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.97 1.74 -0.67	30.45 1.59 -0.47	30.00 1.43 -2.61	27.52 1.43 -0.17	27.90 1.32 -0.65	27.39 1.35 0.00	29.43 1.63 -0.17	35.84 1.58 -7.04	37.73 1.86 -4.82	37.75 1.92 -4.90	37.68 2.09 -2.47	39.43 2.29 -0.18	40.24 2.27 -0.73	43.99 2.51 -2.87	43.84 2.83 0.00	47.89 3.02 -1.78	58.19 3.62 -3.51	62.03 3.79 -7.03	58.15 3.27 -3.83	57.39 2.96 -3.38	51.35 2.72 -0.03	41.97 1.93 -2.13	37.60 1.92 -0.14	35.03 1.91 -0.17

MILLWOOD_13_KV_LOAD 356217	32.03 1.80 -0.67	30.51 1.65 -0.47	30.05 1.48 -2.61	27.57 1.48 -0.17	27.95 1.37 -0.65	27.44 1.41 0.00	29.46 1.66 -0.17	35.89 1.63 -7.04	37.79 1.93 -4.82	37.82 1.98 -4.90	37.75 2.15 -2.47	39.51 2.37 -0.18	40.32 2.35 -0.73	44.10 2.63 -2.87	43.96 2.95 0.00	48.06 3.19 -1.78	58.45 3.88 -3.51	62.23 3.99 -7.03	58.41 3.52 -3.83	57.60 3.17 -3.38	51.54 2.92 -0.03	42.12 2.08 -2.13	37.68 1.99 -0.14	35.13 2.01 -0.17
MODEL_CITY_ENERGY 24167	29.09 -0.56 -0.10	27.90 -0.57 -0.07	25.29 -1.07 -0.40	24.79 -1.17 -0.03	24.86 -1.17 -0.10	25.57 -0.47 0.00	26.83 -0.83 -0.03	27.33 -0.98 -1.09	30.65 -1.15 -0.74	30.61 -1.08 -0.76	32.38 -1.13 -0.38	35.84 -1.15 -0.03	35.82 -1.53 -0.11	37.04 -2.01 -0.44	39.00 -2.01 0.00	41.21 -2.15 -0.27	48.17 -3.06 -0.17	49.84 -2.46 -1.09	48.41 -2.81 -0.16	49.38 -2.19 -0.52	46.41 -2.19 -0.01	36.83 -1.40 -0.33	33.79 -1.78 -0.02	32.13 -0.86 -0.03
MODERN_LFGE_ 323580	29.09 -0.56 -0.10	27.90 -0.57 -0.07	25.29 -1.07 -0.40	24.79 -1.17 -0.03	24.86 -1.17 -0.10	25.57 -0.47 0.00	26.83 -0.83 -0.03	27.33 -0.98 -1.09	30.65 -1.15 -0.74	30.61 -1.08 -0.76	32.38 -1.13 -0.38	35.84 -1.15 -0.03	35.82 -1.53 -0.11	37.04 -2.01 -0.44	39.00 -2.01 0.00	41.21 -2.15 -0.27	48.17 -3.06 -0.17	49.84 -2.46 -1.09	48.41 -2.81 -0.16	49.38 -2.19 -0.52	46.41 -2.19 -0.01	36.83 -1.40 -0.33	33.79 -1.78 -0.02	32.13 -0.86 -0.03
MOHAWK_PAPER___DRP 24187	32.17 1.74 -0.88	30.65 1.65 -0.60	30.77 1.43 -3.39	27.60 1.45 -0.22	28.19 1.43 -0.84	27.52 1.48 0.00	29.45 1.60 -0.22	43.07 1.55 -14.30	39.04 1.74 -6.25	39.00 1.70 -6.36	38.15 1.82 -3.21	39.30 2.11 -0.24	40.31 2.12 -0.95	44.45 2.12 -3.72	43.26 2.26 0.00	47.82 2.41 -2.31	62.71 2.86 -8.80	71.75 2.92 -17.62	63.47 2.81 -9.60	62.28 2.76 -8.47	51.30 2.62 -0.08	45.30 2.05 -5.34	37.86 1.95 -0.36	35.02 1.85 -0.22
MOHICAN__35_KV_115KV_LD 80490	32.49 2.04 -0.90	30.97 1.96 -0.62	31.11 1.69 -3.47	27.81 1.66 -0.22	28.45 1.66 -0.86	27.81 1.77 0.00	29.73 1.88 -0.22	46.16 1.91 -17.04	39.78 2.33 -6.39	39.70 2.26 -6.51	38.63 2.22 -3.28	39.71 2.51 -0.25	40.78 2.57 -0.97	44.93 2.51 -3.81	43.51 2.50 0.00	48.17 2.71 -2.36	65.36 3.32 -10.99	76.59 3.38 -22.00	66.82 3.78 -11.99	65.61 3.98 -10.57	52.68 3.98 -0.10	47.72 3.15 -6.67	38.77 2.77 -0.45	35.55 2.37 -0.22
MONGAUP___HYD 23641	31.69 1.54 -0.61	30.34 1.53 -0.42	29.54 1.25 -2.34	27.30 1.22 -0.15	27.68 1.17 -0.58	27.21 1.17 0.00	29.16 1.38 -0.15	34.86 1.33 -6.31	36.89 1.52 -4.32	36.87 1.55 -4.39	36.96 1.62 -2.22	38.93 1.81 -0.17	39.68 1.79 -0.65	43.15 1.97 -2.57	43.22 2.21 0.00	47.14 2.45 -1.60	56.09 1.89 -3.15	59.67 2.15 -6.30	56.23 1.74 -3.44	56.79 2.70 -3.03	51.10 2.48 -0.03	41.75 1.93 -1.91	37.45 1.78 -0.13	34.79 1.68 -0.15
MONTAUK___DIESEL 23721	53.41 4.82 -19.05	39.86 4.46 -7.01	35.25 3.95 -5.35	32.75 3.92 -2.91	32.47 3.81 -2.73	32.15 3.91 -2.21	36.36 4.37 -4.36	40.54 4.46 -8.85	50.74 5.31 -14.38	60.87 5.35 -24.58	58.65 5.76 -19.77	60.80 6.43 -17.41	61.24 6.41 -17.59	64.28 6.83 -18.84	72.81 7.55 -24.25	69.71 7.97 -18.65	77.83 9.45 -17.33	95.61 9.73 -34.67	85.82 9.09 -25.68	93.74 8.88 -33.80	68.58 8.21 -11.78	67.28 6.14 -23.23	55.02 5.86 -13.61	52.62 5.57 -14.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.03 0.35 -0.12	28.76 0.28 -0.08	26.26 -0.16 -0.47	25.83 -0.13 -0.03	25.73 -0.31 -0.12	26.58 0.55 0.00	28.11 0.44 -0.03	28.76 0.27 -1.27	32.19 0.28 -0.86	32.18 0.37 -0.87	34.03 0.46 -0.44	37.58 0.59 -0.03	37.59 0.22 -0.13	39.23 0.12 -0.51	41.13 0.12 0.00	43.24 -0.17 -0.32	51.01 -0.36 -0.32	52.64 0.15 -1.28	51.32 -0.05 -0.32	51.72 0.05 -0.61	48.74 0.15 -0.01	39.20 0.91 -0.38	35.92 0.36 -0.03	33.12 0.13 -0.03
MORTIMER_115KV_TB3 55949	29.81 0.18 -0.08	28.57 0.11 -0.06	26.10 -0.18 -0.33	25.53 -0.41 -0.02	25.67 -0.34 -0.08	25.83 -0.21 0.00	27.54 -0.11 -0.02	28.05 -0.03 -0.86	31.65 0.00 -0.60	31.52 -0.03 -0.61	33.40 -0.03 -0.31	37.02 0.04 -0.02	37.29 -0.04 -0.09	38.89 -0.08 -0.36	40.97 -0.04 0.00	43.19 -0.13 -0.22	51.07 -0.41 -0.42	52.15 0.10 -0.84	51.61 0.10 -0.46	51.51 0.05 -0.40	48.69 0.10 0.00	38.05 -0.11 -0.25	35.20 -0.36 -0.02	32.91 -0.07 -0.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.12 1.89 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.68 4.08 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.72 3.27 -3.40	51.59 2.96 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.23 2.11 -0.17
MUNSVILLE_WIND_PWR 323609	31.41 1.65 -0.20	30.29 1.76 -0.14	28.01 1.27 -0.78	27.25 1.27 -0.05	27.42 1.30 -0.19	27.73 1.69 0.00	29.56 1.88 -0.05	31.66 1.85 -2.59	34.46 1.99 -1.42	34.23 1.86 -1.44	35.80 1.95 -0.73	39.38 2.37 -0.05	39.69 2.23 -0.21	41.88 2.43 -0.85	43.55 2.42 -0.12	46.85 2.63 -1.13	57.61 3.83 -2.73	60.08 4.71 -4.16	59.03 4.90 -3.07	58.97 5.21 -2.71	54.64 4.71 -1.33	42.66 3.87 -0.88	38.69 3.09 -0.06	35.38 2.37 -0.05
N SALMON___HYD 24042	29.43 -0.12 0.00	28.37 -0.03 0.00	26.11 0.16 0.00	26.16 0.23 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.69 0.06 0.00	27.33 0.11 0.00	31.18 0.12 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.88 -0.07 0.00	37.43 0.19 0.00	38.72 0.12 0.00	41.21 0.21 0.00	43.14 0.04 0.00	51.21 0.15 0.00	51.31 0.10 0.00	51.41 0.36 0.00	51.62 0.56 0.00	49.32 0.73 0.00	38.44 0.53 0.00	36.11 0.57 0.00	33.38 0.43 0.00
N.AKRON__115KV_KNAPP 355671	29.80 0.15 -0.10	28.52 0.06 -0.07	26.00 -0.34 -0.39	25.41 -0.54 -0.02	25.48 -0.54 -0.10	25.98 -0.05 0.00	27.52 -0.14 -0.02	28.06 -0.19 -1.04	31.52 -0.25 -0.71	31.47 -0.19 -0.73	33.22 -0.26 -0.37	36.87 -0.11 -0.03	36.98 -0.37 -0.11	38.26 -0.77 -0.42	40.10 -0.90 0.00	42.28 -1.08 -0.26	49.61 -1.68 -0.24	51.22 -1.02 -1.03	50.17 -1.12 -0.23	50.53 -1.02 -0.49	47.77 -0.83 0.00	37.73 -0.49 -0.31	34.74 -0.82 -0.02	32.55 -0.43 -0.02
N.BELMOR_69_KV_BK1 55787	51.20 2.60 -19.05	37.79 2.39 -7.01	33.43 2.13 -5.35	30.94 2.10 -2.91	30.65 2.00 -2.73	30.33 2.08 -2.21	34.37 2.38 -4.36	38.38 2.31 -8.85	48.19 2.76 -14.37	58.23 2.72 -24.58	55.67 2.78 -19.76	57.44 3.07 -17.41	57.88 3.05 -17.58	53.44 3.36 -11.48	65.32 3.73 -20.58	65.70 3.96 -18.65	73.19 4.80 -17.33	81.91 4.97 -25.73	69.60 4.44 -14.10	59.14 4.29 -3.80	54.88 3.79 -2.50	54.73 2.84 -13.98	52.00 2.84 -13.61	49.85 2.80 -14.09
N.E._GEN_SANDY PD 24062	49.25 1.68 -18.02	40.90 1.56 -10.95	41.19 1.40 -13.83	41.14 1.40 -13.81	41.02 1.35 -13.74	39.60 1.40 -12.16	39.90 1.57 -10.69	43.20 1.52 -14.46	45.06 1.74 -12.27	46.40 1.76 -13.70	41.11 1.95 -6.03	44.29 2.18 -5.15	45.62 2.12 -6.26	48.38 2.20 -7.57	47.25 2.38 -3.86	51.52 2.50 -5.93	59.05 2.91 -5.09	64.36 2.97 -10.18	59.26 2.65 -5.55	58.50 2.55 -4.89	51.02 2.38 -0.05	46.00 1.89 -6.20	42.24 1.88 -4.81	41.30 1.84 -6.50

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.83 1.63 -0.65	30.32 1.48 -0.45	29.82 1.35 -2.51	27.41 1.32 -0.16	27.80 1.24 -0.62	27.31 1.28 0.00	29.31 1.52 -0.16	35.49 1.50 -6.77	37.46 1.77 -4.63	37.48 1.83 -4.71	37.49 1.99 -2.38	39.28 2.14 -0.18	40.07 2.12 -0.70	43.68 2.32 -2.76	43.63 2.62 0.00	47.61 2.80 -1.71	57.80 3.37 -3.38	61.50 3.53 -6.76	57.75 3.01 -3.68	56.96 2.65 -3.25	51.05 2.43 -0.03	41.74 1.78 -2.05	37.42 1.74 -0.14	34.93 1.81 -0.16
N.QUEENS_27_KV_LOAD 356247	32.37 2.13 -0.69	30.62 1.76 -0.47	30.33 1.74 -2.63	27.81 1.71 -0.17	28.14 1.56 -0.65	27.60 1.56 0.00	29.62 1.82 -0.17	35.89 1.58 -7.10	37.83 1.93 -4.85	37.85 1.98 -4.94	37.70 2.09 -2.49	39.40 2.25 -0.19	40.29 2.31 -0.74	44.12 2.63 -2.89	44.12 3.12 0.00	48.33 3.45 -1.79	58.98 4.39 -3.54	62.95 4.66 -7.08	58.85 3.93 -3.86	57.52 3.06 -3.40	51.39 2.77 -0.03	41.80 1.74 -2.15	37.78 2.10 -0.15	35.54 2.41 -0.18
N.TROY___115KV_TB1 355778	32.08 1.65 -0.88	30.56 1.56 -0.61	30.75 1.40 -3.39	27.52 1.37 -0.22	28.14 1.37 -0.84	27.47 1.43 0.00	29.40 1.55 -0.22	44.22 1.52 -15.48	39.08 1.77 -6.26	39.07 1.76 -6.37	38.22 1.89 -3.21	39.30 2.11 -0.24	40.31 2.12 -0.95	44.46 2.12 -3.73	43.26 2.26 0.00	47.78 2.37 -2.31	63.63 2.81 -9.77	73.59 2.82 -19.56	64.42 2.71 -10.66	63.16 2.71 -9.40	51.26 2.58 -0.09	45.85 2.01 -5.93	37.90 1.95 -0.40	35.02 1.85 -0.22
NARROWS_GT1_1 24228	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_2 24229	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_3 24230	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_4 24231	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_5 24232	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_6 24233	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_7 24234	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT1_8 24235	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_1 24236	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_2 24237	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_3 24238	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_4 24239	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17

NARROWS_GT2_5 24240	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_6 24241	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_7 24242	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NARROWS_GT2_8 24243	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.16 1.80 -0.81	30.69 1.73 -0.56	30.58 1.48 -3.14	27.74 1.61 -0.20	28.18 1.48 -0.78	27.67 1.64 0.00	29.57 1.74 -0.20	39.53 1.61 -10.71	38.56 1.71 -5.80	38.41 1.58 -5.90	37.62 1.52 -2.98	39.06 1.88 -0.22	39.98 1.86 -0.88	43.88 1.81 -3.46	43.06 2.05 0.00	47.30 2.07 -2.14	59.56 2.45 -6.06	66.00 2.66 -12.13	60.37 2.71 -6.61	59.64 2.76 -5.83	51.42 2.77 -0.06	43.90 2.31 -3.68	37.89 2.10 -0.25	35.20 2.04 -0.20
NCHELSEA_115KV_TR2 355582	32.15 1.92 -0.68	30.65 1.79 -0.47	30.18 1.58 -2.64	27.65 1.56 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.51 1.71 -0.17	36.18 1.74 -7.22	38.01 2.05 -4.91	38.01 2.07 -5.00	37.83 2.19 -2.52	39.58 2.44 -0.19	40.44 2.46 -0.74	44.20 2.66 -2.93	44.00 2.99 0.00	48.10 3.19 -1.82	58.55 3.88 -3.61	62.54 4.10 -7.23	58.62 3.62 -3.94	57.90 3.37 -3.48	51.74 3.11 -0.03	42.45 2.35 -2.19	37.93 2.24 -0.15	35.30 2.18 -0.17
NEG CAPITAL___MECHNVIL 23645	32.51 2.07 -0.89	31.00 1.99 -0.61	31.11 1.71 -3.44	27.83 1.68 -0.22	28.47 1.68 -0.85	27.81 1.77 0.00	29.76 1.91 -0.22	45.67 1.88 -16.58	39.64 2.24 -6.35	39.62 2.23 -6.46	38.70 2.32 -3.26	39.86 2.66 -0.24	40.89 2.68 -0.96	45.09 2.70 -3.78	43.84 2.83 0.00	48.50 3.06 -2.35	65.36 3.68 -10.63	76.23 3.74 -21.28	66.38 3.73 -11.60	65.11 3.83 -10.23	52.34 3.65 -0.10	47.24 2.88 -6.45	38.57 2.59 -0.44	35.52 2.34 -0.22
NEG CENTRAL_HIGH_ACRES 23767	29.10 -0.53 -0.08	27.88 -0.57 -0.06	25.52 -0.75 -0.32	25.04 -0.91 -0.02	25.15 -0.86 -0.08	25.38 -0.65 0.00	26.96 -0.69 -0.02	27.56 -0.49 -0.84	31.11 -0.53 -0.58	31.03 -0.50 -0.60	32.93 -0.50 -0.30	36.35 -0.63 -0.02	36.77 -0.56 -0.09	38.34 -0.62 -0.35	40.60 -0.49 -0.08	43.14 -0.56 -0.61	51.63 -0.71 -1.29	52.53 -0.31 -1.63	52.05 -0.46 -1.46	51.88 -0.41 -1.24	48.96 -0.49 -0.86	37.59 -0.57 -0.25	34.74 -0.82 -0.02	32.42 -0.56 -0.02
NEG CENTRAL___DRP 24199	29.64 0.00 -0.09	28.40 -0.06 -0.06	26.12 -0.18 -0.35	25.69 -0.26 -0.02	25.76 -0.26 -0.09	26.06 0.03 0.00	27.71 0.06 -0.02	28.21 0.08 -0.91	31.78 0.09 -0.63	31.70 0.12 -0.64	33.61 0.17 -0.33	37.13 0.15 -0.02	37.37 0.04 -0.10	39.06 0.08 -0.38	41.32 0.12 -0.19	44.40 0.13 -1.18	53.92 0.36 -2.51	54.77 0.72 -2.84	54.55 0.61 -2.88	54.04 0.51 -2.47	51.14 0.49 -2.06	38.49 0.30 -0.27	35.67 0.11 -0.02	33.04 0.07 -0.02
NEG CENTRAL___INDECK 23768	29.82 0.15 -0.12	28.42 -0.06 -0.08	26.18 -0.23 -0.45	25.65 -0.31 -0.03	25.70 -0.34 -0.11	26.19 0.16 0.00	27.66 0.00 -0.03	28.29 -0.16 -1.24	31.55 -0.34 -0.84	31.20 -0.59 -0.85	32.99 -0.56 -0.43	36.40 -0.59 -0.03	36.62 -0.74 -0.13	38.14 -0.96 -0.50	40.14 -0.86 0.00	43.01 -0.39 -0.31	51.07 -0.51 -0.52	52.46 0.00 -1.25	51.46 -0.15 -0.56	52.11 0.46 -0.60	49.03 0.44 -0.01	38.82 0.53 -0.38	35.71 0.14 -0.03	33.41 0.43 -0.03
NEG CENTRAL___SENECA 23627	29.74 0.09 -0.10	28.46 0.00 -0.07	26.13 -0.21 -0.38	25.67 -0.29 -0.02	25.74 -0.29 -0.09	26.11 0.08 0.00	27.77 0.11 -0.02	28.38 0.14 -1.02	31.88 0.12 -0.70	31.84 0.19 -0.72	33.71 0.23 -0.36	37.17 0.18 -0.03	37.38 0.04 -0.11	39.10 0.08 -0.42	41.23 0.12 -0.10	43.99 0.13 -0.76	53.01 0.36 -1.60	54.09 0.82 -2.06	53.58 0.71 -1.81	53.24 0.61 -1.58	50.22 0.53 -1.10	38.60 0.38 -0.31	35.67 0.11 -0.02	33.11 0.13 -0.02
NEG CENTRAL___STATE_STREET 24147	29.87 0.24 -0.09	28.65 0.20 -0.06	26.40 0.10 -0.34	26.00 0.05 -0.02	26.06 0.05 -0.08	26.32 0.29 0.00	27.99 0.33 -0.02	28.48 0.38 -0.88	32.13 0.47 -0.61	31.90 0.34 -0.62	33.87 0.43 -0.31	37.50 0.52 -0.02	37.82 0.48 -0.09	39.43 0.46 -0.36	41.77 0.49 -0.27	45.25 0.60 -1.55	55.30 0.92 -3.33	55.95 1.13 -3.61	56.27 1.38 -3.83	55.62 1.28 -3.29	52.70 1.21 -2.90	39.05 0.87 -0.27	36.23 0.68 -0.02	33.37 0.40 -0.02
NEG MILLWOOD___DRP 24198	32.25 2.01 -0.69	30.72 1.85 -0.48	30.26 1.64 -2.67	27.73 1.63 -0.17	28.09 1.50 -0.66	27.54 1.51 0.00	29.60 1.80 -0.17	36.24 1.77 -7.25	38.05 2.05 -4.94	38.10 2.13 -5.03	38.01 2.35 -2.54	39.73 2.59 -0.19	40.60 2.61 -0.75	44.41 2.86 -2.95	44.21 3.20 0.00	48.50 3.58 -1.83	58.96 4.29 -3.62	63.02 4.56 -7.25	59.04 4.03 -3.95	58.27 3.73 -3.48	52.12 3.50 -0.03	42.65 2.54 -2.20	37.96 2.27 -0.15	35.37 2.24 -0.17
NEG NORTH_FLCN_SEA 23793	29.73 0.18 0.00	28.73 0.34 0.00	26.37 0.42 0.00	26.45 0.52 0.00	26.40 0.47 0.00	26.43 0.39 0.00	27.99 0.36 0.00	27.65 0.44 0.00	31.58 0.53 0.00	31.40 0.46 0.00	33.49 0.36 0.00	37.33 0.37 0.00	37.84 0.60 0.00	39.18 0.58 0.00	41.79 0.78 0.00	43.74 0.65 0.00	51.97 0.92 0.00	52.13 0.92 0.00	52.23 1.17 0.00	52.59 1.53 0.00	50.15 1.55 0.00	39.16 1.25 0.00	36.54 1.00 0.00	33.78 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	29.40 -0.15 0.00	28.42 0.03 0.00	26.08 0.13 0.00	26.16 0.23 0.00	26.14 0.21 0.00	26.14 0.10 0.00	27.69 0.06 0.00	27.35 0.14 0.00	31.21 0.16 0.00	31.03 0.09 0.00	33.12 0.00 0.00	36.92 -0.04 0.00	37.39 0.15 0.00	38.72 0.12 0.00	41.25 0.25 0.00	43.26 0.17 0.00	51.41 0.36 0.00	51.52 0.31 0.00	51.62 0.56 0.00	51.92 0.87 0.00	49.51 0.92 0.00	38.67 0.76 0.00	36.11 0.57 0.00	33.39 0.43 0.00



NEG NORTH___ALICE_FALLS 23915	29.64 0.09 0.00	28.65 0.26 0.00	26.32 0.36 0.00	26.37 0.44 0.00	26.32 0.39 0.00	26.35 0.31 0.00	27.91 0.28 0.00	27.60 0.38 0.00	31.49 0.43 0.00	31.31 0.37 0.00	33.39 0.26 0.00	37.25 0.30 0.00	37.80 0.56 0.00	39.07 0.46 0.00	41.66 0.66 0.00	43.65 0.56 0.00	51.87 0.82 0.00	52.08 0.87 0.00	52.18 1.12 0.00	52.54 1.48 0.00	50.10 1.51 0.00	39.08 1.18 0.00	36.47 0.92 0.00	33.71 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	29.64 0.09 0.00	28.65 0.26 0.00	26.32 0.36 0.00	26.37 0.44 0.00	26.32 0.39 0.00	26.35 0.31 0.00	27.91 0.28 0.00	27.60 0.38 0.00	31.49 0.43 0.00	31.31 0.37 0.00	33.39 0.26 0.00	37.25 0.30 0.00	37.80 0.56 0.00	39.07 0.46 0.00	41.66 0.66 0.00	43.65 0.56 0.00	51.87 0.82 0.00	52.08 0.87 0.00	52.18 1.12 0.00	52.54 1.48 0.00	50.10 1.51 0.00	39.08 1.18 0.00	36.47 0.92 0.00	33.71 0.76 0.00
NEG NORTH___PLATTSBURG 23628	29.64 0.09 0.00	28.57 0.17 0.00	26.32 0.36 0.00	26.37 0.44 0.00	26.32 0.39 0.00	26.32 0.29 0.00	27.91 0.28 0.00	27.60 0.38 0.00	31.49 0.43 0.00	31.31 0.37 0.00	33.39 0.26 0.00	37.25 0.29 0.00	37.80 0.56 0.00	39.11 0.50 0.00	41.66 0.65 0.00	43.61 0.52 0.00	51.82 0.77 0.00	52.03 0.82 0.00	52.18 1.12 0.00	52.48 1.43 0.00	50.10 1.51 0.00	38.97 1.06 0.00	36.46 0.92 0.00	33.68 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	29.39 -0.27 -0.10	28.12 -0.34 -0.07	25.60 -0.75 -0.40	25.05 -0.91 -0.03	25.12 -0.91 -0.10	25.64 -0.39 0.00	27.11 -0.55 -0.03	27.61 -0.68 -1.07	30.98 -0.81 -0.74	30.91 -0.77 -0.75	32.64 -0.86 -0.38	36.21 -0.78 -0.03	36.23 -1.12 -0.11	37.42 -1.62 -0.44	39.08 -1.93 0.00	41.21 -2.15 -0.27	48.18 -3.06 -0.19	49.88 -2.41 -1.07	48.74 -2.50 -0.18	49.27 -2.30 -0.51	46.60 -1.99 -0.01	36.90 -1.33 -0.32	34.00 -1.56 -0.02	31.89 -1.09 -0.03
NEG WEST___LANCASTR 23811	28.58 -1.09 -0.12	27.37 -1.11 -0.08	24.99 -1.43 -0.47	24.95 -1.01 -0.03	24.49 -1.56 -0.12	25.93 -0.10 0.00	27.14 -0.53 -0.03	27.27 -1.22 -1.27	30.52 -1.40 -0.86	30.45 -1.36 -0.88	32.17 -1.39 -0.44	35.77 -1.22 -0.03	35.66 -1.71 -0.13	37.27 -1.85 -0.51	39.04 -1.97 0.00	41.17 -2.24 -0.32	48.67 -2.71 -0.32	50.14 -2.36 -1.28	48.93 -2.45 -0.33	49.11 -2.55 -0.61	46.22 -2.38 -0.01	38.07 -0.23 -0.39	34.96 -0.60 -0.03	31.80 -1.19 -0.03
NEG_PENN_ALLEGHNY 23528	30.03 0.27 -0.21	28.86 0.31 -0.15	26.84 0.05 -0.83	26.06 0.08 -0.05	26.16 0.03 -0.21	26.40 0.36 0.00	28.07 0.39 -0.05	29.87 0.24 -2.41	32.87 0.28 -1.54	32.81 0.31 -1.56	34.31 0.40 -0.79	37.64 0.63 -0.06	37.85 0.37 -0.23	39.95 0.43 -0.92	41.62 0.49 -0.12	44.74 0.52 -1.13	54.19 0.71 -2.42	55.90 1.02 -3.66	54.59 0.81 -2.72	54.40 0.92 -2.42	50.56 0.73 -1.24	39.42 0.76 -0.76	36.13 0.53 -0.05	33.57 0.56 -0.05
NEG___GEN_MONROE 24207	29.93 0.30 -0.09	28.74 0.28 -0.06	26.23 -0.05 -0.33	25.66 -0.29 -0.02	25.75 -0.26 -0.08	25.98 -0.05 0.00	27.65 0.00 -0.02	28.14 0.05 -0.87	31.72 0.06 -0.61	31.68 0.12 -0.62	33.53 0.10 -0.31	37.24 0.26 -0.02	37.44 0.11 -0.09	39.01 0.04 -0.36	41.09 0.08 0.00	43.27 -0.04 -0.22	51.07 -0.41 -0.43	52.21 0.15 -0.85	51.57 0.05 -0.46	51.41 -0.05 -0.41	48.60 0.00 0.00	38.05 -0.11 -0.26	35.20 -0.36 -0.02	32.98 0.00 -0.02
NEPA___ENERGY 23901	29.52 -0.15 -0.12	28.28 -0.20 -0.08	25.85 -0.57 -0.47	25.41 -0.54 -0.03	25.35 -0.70 -0.12	26.11 0.08 0.00	27.61 -0.06 -0.03	28.18 -0.33 -1.29	31.52 -0.40 -0.87	31.42 -0.40 -0.88	33.20 -0.36 -0.45	36.77 -0.22 -0.03	36.85 -0.52 -0.13	38.51 -0.62 -0.52	40.35 -0.66 0.00	42.55 -0.86 -0.32	50.17 -1.23 -0.34	51.79 -0.72 -1.30	50.53 -0.87 -0.34	50.75 -0.92 -0.62	47.77 -0.83 -0.01	38.37 0.08 -0.39	35.25 -0.32 -0.03	32.59 -0.40 -0.03
NEVERSink___HYD 23608	31.74 1.59 -0.59	30.42 1.62 -0.41	29.56 1.32 -2.29	27.34 1.27 -0.15	27.69 1.19 -0.57	27.26 1.22 0.00	29.21 1.44 -0.15	35.04 1.44 -6.38	37.00 1.71 -4.23	37.04 1.79 -4.31	37.22 1.92 -2.18	39.26 2.14 -0.16	40.04 2.16 -0.64	43.52 2.39 -2.52	43.67 2.66 0.00	47.55 2.89 -1.57	57.93 3.63 -3.25	61.65 3.94 -6.50	57.81 3.22 -3.54	57.24 3.06 -3.12	51.44 2.82 -0.03	42.04 2.16 -1.97	37.63 1.95 -0.13	34.95 1.84 -0.15
NEWKRMKL_115KV_TB1 55635	31.81 1.39 -0.87	30.33 1.33 -0.60	30.49 1.17 -3.37	27.36 1.22 -0.21	27.95 1.19 -0.83	27.28 1.25 0.00	29.15 1.30 -0.21	41.93 1.25 -13.46	38.51 1.24 -6.21	38.49 1.24 -6.32	37.60 1.29 -3.19	38.75 1.55 -0.24	39.71 1.53 -0.94	43.81 1.51 -3.70	42.65 1.64 0.00	47.11 1.72 -2.30	61.17 1.99 -8.13	69.53 2.05 -16.27	61.76 1.84 -8.87	60.66 1.79 -7.82	50.37 1.70 -0.08	44.20 1.36 -4.93	37.23 1.35 -0.33	34.52 1.35 -0.21
NEWTON___FALLS_HYD 23847	29.07 -0.50 -0.02	27.95 -0.45 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.67 -0.36 0.00	27.11 -0.53 -0.01	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.41 -1.27 -0.08	39.67 -1.44 -0.10	42.07 -1.55 -0.53	50.48 -1.63 -1.06	51.40 -1.13 -1.32	51.96 -0.71 -1.62	51.93 -0.51 -1.38	48.97 -0.78 -1.16	37.64 -0.27 0.00	35.40 -0.14 0.00	32.63 -0.33 0.00
NGRID_A1_DSASP 323792	29.09 -0.56 -0.11	27.87 -0.60 -0.07	25.32 -1.04 -0.41	24.81 -1.14 -0.03	24.92 -1.11 -0.10	25.20 -0.83 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.37 -1.30 -0.73	32.09 -1.39 -0.36	35.41 -1.55 -0.01	35.51 -1.82 -0.09	36.83 -2.20 -0.42	38.73 -2.26 0.02	40.93 -2.41 -0.25	47.75 -3.32 -0.02	49.59 -2.72 -1.10	47.92 -3.21 -0.08	49.08 -2.50 -0.53	46.12 -2.48 -0.01	36.53 -1.71 -0.33	33.54 -2.02 -0.02	31.99 -0.99 -0.03
NGRID_A2_DSASP 323793	29.09 -0.56 -0.11	27.87 -0.60 -0.07	25.32 -1.04 -0.41	24.81 -1.14 -0.03	24.92 -1.11 -0.10	25.20 -0.83 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.37 -1.30 -0.73	32.09 -1.39 -0.36	35.41 -1.55 -0.01	35.51 -1.82 -0.09	36.83 -2.20 -0.42	38.73 -2.26 0.02	40.93 -2.41 -0.25	47.75 -3.32 -0.02	49.59 -2.72 -1.10	47.92 -3.21 -0.08	49.08 -2.50 -0.53	46.12 -2.48 -0.01	36.53 -1.71 -0.33	33.54 -2.02 -0.02	31.99 -0.99 -0.03
NGRID_A4_DSASP 323807	29.09 -0.56 -0.11	27.84 -0.62 -0.07	25.40 -0.96 -0.41	24.76 -1.19 -0.03	24.89 -1.14 -0.10	25.07 -0.96 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.45 -1.52 -0.01	35.51 -1.82 -0.09	36.90 -2.12 -0.42	38.65 -2.34 0.02	40.76 -2.59 -0.25	47.55 -3.52 -0.01	49.39 -2.92 -1.10	48.08 -3.06 -0.08	48.77 -2.81 -0.52	46.12 -2.48 -0.01	36.42 -1.82 -0.33	33.57 -1.99 -0.02	31.63 -1.35 -0.03
NIAGARA_115E_LBMP 323715	28.92 -0.74 -0.11	27.76 -0.71 -0.07	25.14 -1.22 -0.41	24.66 -1.30 -0.03	24.73 -1.30 -0.10	25.46 -0.57 0.00	26.67 -0.99 -0.03	27.15 -1.17 -1.10	30.44 -1.37 -0.75	30.43 -1.27 -0.77	32.15 -1.36 -0.39	35.58 -1.40 -0.03	35.57 -1.79 -0.11	36.86 -2.20 -0.45	38.79 -2.22 0.00	40.96 -2.41 -0.28	47.79 -3.42 -0.16	49.54 -2.77 -1.10	48.08 -3.12 -0.14	49.13 -2.45 -0.53	46.17 -2.43 -0.01	36.65 -1.59 -0.33	33.61 -1.95 -0.02	31.99 -0.99 -0.03

NIAGARA_115W_LBMP 323714	29.03 -0.62 -0.11	27.81 -0.65 -0.07	25.27 -1.09 -0.41	24.76 -1.19 -0.03	24.86 -1.17 -0.10	25.12 -0.91 0.00	26.53 -1.13 -0.03	27.05 -1.22 -1.06	30.35 -1.43 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.34 -1.63 -0.01	35.44 -1.90 -0.09	36.71 -2.32 -0.42	38.65 -2.34 0.02	40.85 -2.50 -0.25	47.64 -3.42 -0.01	49.44 -2.87 -1.09	47.81 -3.32 -0.07	48.92 -2.66 -0.53	45.97 -2.62 -0.01	36.42 -1.82 -0.33	33.43 -2.13 -0.02	31.93 -1.06 -0.03
NIAGARA_230_LBMP 323716	29.21 -0.44 -0.10	28.01 -0.46 -0.07	25.42 -0.93 -0.40	24.92 -1.04 -0.03	24.99 -1.04 -0.10	25.49 -0.55 0.00	26.91 -0.74 -0.03	27.37 -0.93 -1.08	30.71 -1.09 -0.74	30.70 -0.99 -0.75	32.44 -1.06 -0.38	35.84 -1.15 -0.03	35.90 -1.45 -0.11	37.23 -1.81 -0.44	39.20 -1.80 0.00	41.43 -1.94 -0.27	48.33 -2.76 -0.03	50.14 -2.15 -1.08	48.54 -2.50 0.01	49.63 -1.94 -0.52	46.65 -1.95 -0.01	36.94 -1.29 -0.33	33.93 -1.63 -0.02	32.29 -0.69 -0.03
NIAGARA__115KV_198_GIBSON 55903	29.04 -0.62 -0.11	27.79 -0.68 -0.07	25.35 -1.01 -0.41	24.74 -1.22 -0.03	24.84 -1.19 -0.10	24.99 -1.04 0.00	26.55 -1.11 -0.03	27.05 -1.22 -1.06	30.35 -1.43 -0.72	30.25 -1.42 -0.73	31.93 -1.56 -0.36	35.34 -1.63 -0.01	35.40 -1.94 -0.09	36.79 -2.24 -0.42	38.53 -2.46 0.02	40.67 -2.67 -0.25	47.44 -3.62 -0.01	49.23 -3.07 -1.09	47.91 -3.22 -0.07	48.61 -2.96 -0.52	45.97 -2.62 -0.01	36.34 -1.90 -0.33	33.50 -2.06 -0.02	31.53 -1.45 -0.03
NIAGARA____ 23760	28.98 -0.68 -0.11	27.79 -0.68 -0.07	25.20 -1.17 -0.41	24.68 -1.27 -0.03	24.76 -1.27 -0.10	25.25 -0.78 0.00	26.61 -1.05 -0.03	27.18 -1.12 -1.08	30.52 -1.27 -0.74	30.48 -1.21 -0.75	32.21 -1.29 -0.38	35.61 -1.37 -0.02	35.67 -1.68 -0.11	37.00 -2.05 -0.44	38.95 -2.05 0.00	41.17 -2.20 -0.27	48.00 -3.12 -0.06	49.79 -2.51 -1.09	48.20 -2.91 -0.06	49.28 -2.30 -0.52	46.31 -2.28 -0.01	36.68 -1.56 -0.33	33.64 -1.92 -0.02	31.96 -1.02 -0.03
NINE_MILE_1 23575	28.68 -0.92 -0.04	27.54 -0.88 -0.03	25.24 -0.88 -0.17	25.03 -0.91 -0.01	25.09 -0.88 -0.04	25.23 -0.81 0.00	26.79 -0.86 -0.01	26.58 -0.82 -0.18	30.43 -0.93 -0.31	30.32 -0.93 -0.31	32.29 -0.99 -0.16	35.86 -1.11 -0.01	36.17 -1.12 -0.05	37.63 -1.16 -0.18	38.18 -1.23 1.60	34.11 -1.29 7.69	32.59 -1.48 16.98	33.70 -1.38 16.13	29.76 -1.43 19.87	32.66 -1.43 16.96	29.99 -1.41 17.19	36.81 -1.10 0.00	34.44 -1.10 0.00	31.95 -1.02 -0.01
NINE_MILE_2 23744	28.68 -0.92 -0.04	27.54 -0.88 -0.03	25.24 -0.88 -0.17	25.03 -0.91 -0.01	25.09 -0.88 -0.04	25.23 -0.81 0.00	26.79 -0.86 -0.01	26.58 -0.82 -0.18	30.43 -0.93 -0.31	30.32 -0.93 -0.31	32.29 -0.99 -0.16	35.86 -1.11 -0.01	36.17 -1.12 -0.05	37.63 -1.16 -0.18	38.16 -1.23 1.62	33.99 -1.29 7.81	32.34 -1.48 17.23	33.46 -1.38 16.37	29.46 -1.43 20.17	32.41 -1.43 17.22	29.73 -1.41 17.45	36.81 -1.10 0.00	34.44 -1.10 0.00	31.95 -1.02 -0.01
NM_CAPITAL____DRP 24208	31.87 1.45 -0.87	30.36 1.36 -0.60	30.53 1.22 -3.36	27.39 1.24 -0.21	27.98 1.22 -0.83	27.31 1.28 0.00	29.20 1.35 -0.21	41.87 1.31 -13.34	38.61 1.37 -6.19	38.56 1.33 -6.30	37.73 1.42 -3.18	38.86 1.66 -0.24	39.85 1.68 -0.94	43.92 1.62 -3.69	42.73 1.72 0.00	47.23 1.85 -2.29	61.24 2.14 -8.04	69.46 2.15 -16.10	61.82 1.99 -8.78	60.73 1.94 -7.74	50.51 1.85 -0.08	44.23 1.44 -4.88	37.33 1.46 -0.33	34.62 1.45 -0.21
NM_CENTRAL____DRP 24181	29.29 -0.33 -0.06	28.12 -0.31 -0.04	25.80 -0.39 -0.24	25.50 -0.44 -0.02	25.57 -0.41 -0.06	25.75 -0.29 0.00	27.37 -0.28 -0.02	27.22 -0.24 -0.25	31.18 -0.31 -0.43	31.07 -0.31 -0.44	33.08 -0.26 -0.22	36.71 -0.26 -0.02	37.01 -0.30 -0.07	38.59 -0.27 -0.26	40.89 -0.29 -0.17	43.77 -0.30 -0.98	52.57 -0.26 -1.77	52.77 -0.10 -1.66	52.90 -0.20 -2.05	52.60 -0.20 -1.75	50.11 -0.24 -1.76	37.64 -0.27 0.00	35.22 -0.32 0.00	32.58 -0.40 -0.02
NM_FRONTIER____DRP 24179	29.04 -0.62 -0.11	27.79 -0.68 -0.07	25.35 -1.01 -0.41	24.74 -1.22 -0.03	24.84 -1.19 -0.10	24.99 -1.04 0.00	26.55 -1.11 -0.03	27.05 -1.22 -1.06	30.35 -1.43 -0.72	30.25 -1.42 -0.73	31.93 -1.56 -0.36	35.34 -1.63 -0.01	35.40 -1.94 -0.09	36.79 -2.24 -0.42	38.53 -2.46 0.02	40.67 -2.67 -0.25	47.44 -3.62 -0.01	49.23 -3.07 -1.09	47.91 -3.22 -0.07	48.61 -2.96 -0.52	45.97 -2.62 -0.01	36.34 -1.90 -0.33	33.50 -2.06 -0.02	31.53 -1.45 -0.03
NM_ST_REGIS____HYD 24053	29.20 -0.35 0.00	28.14 -0.26 0.00	25.83 -0.13 0.00	25.88 -0.05 0.00	25.85 -0.08 0.00	25.85 -0.18 0.00	27.30 -0.33 0.00	26.81 -0.41 0.00	30.59 -0.47 0.00	30.47 -0.46 0.00	32.56 -0.56 0.00	36.22 -0.74 0.00	36.64 -0.60 0.00	37.76 -0.85 0.00	40.15 -0.86 0.00	42.10 -0.99 0.00	49.88 -1.17 0.00	49.83 -1.38 0.00	49.93 -1.12 0.00	50.14 -0.92 0.00	48.35 -0.78 -0.53	37.64 -0.27 0.00	35.47 -0.07 0.00	32.86 -0.10 0.00
NORTHPORT____1 23551	51.35 2.75 -19.05	37.74 2.33 -7.01	33.56 2.26 -5.35	31.07 2.23 -2.91	30.78 2.13 -2.73	30.46 2.21 -2.21	34.54 2.54 -4.36	38.57 2.50 -8.85	48.44 3.01 -14.38	58.49 2.97 -24.58	55.76 2.88 -19.76	57.47 3.10 -17.41	57.88 3.05 -17.58	53.49 3.20 -11.68	64.66 3.36 -20.29	65.27 3.53 -18.65	72.62 4.24 -17.33	81.60 4.40 -25.98	69.36 3.88 -14.42	59.41 3.73 -4.63	53.82 3.45 -1.78	53.82 2.50 -13.41	51.89 2.74 -13.61	49.95 2.90 -14.09
NORTHPORT____2 23552	51.35 2.75 -19.05	37.74 2.33 -7.01	33.56 2.26 -5.35	31.07 2.23 -2.91	30.78 2.13 -2.73	30.46 2.21 -2.21	34.54 2.54 -4.36	38.57 2.50 -8.85	48.44 3.01 -14.38	58.49 2.97 -24.58	55.76 2.88 -19.76	57.47 3.10 -17.41	57.88 3.05 -17.58	53.49 3.20 -11.68	64.66 3.36 -20.29	65.27 3.53 -18.65	72.62 4.24 -17.33	81.60 4.40 -25.98	69.36 3.88 -14.42	59.41 3.73 -4.63	53.82 3.45 -1.78	53.82 2.50 -13.41	51.89 2.74 -13.61	49.95 2.90 -14.09
NORTHPORT____3 23553	51.31 2.72 -19.05	37.76 2.36 -7.01	33.54 2.23 -5.35	31.04 2.20 -2.91	30.75 2.10 -2.73	30.43 2.19 -2.21	34.51 2.51 -4.36	38.55 2.48 -8.85	48.38 2.95 -14.38	58.46 2.94 -24.58	55.94 3.05 -19.77	57.74 3.36 -17.42	58.14 3.31 -17.59	53.85 3.55 -11.69	65.19 3.77 -20.41	65.84 4.10 -18.65	73.30 4.90 -17.34	82.27 5.07 -25.99	70.03 4.54 -14.43	60.24 4.54 -4.64	54.49 3.84 -2.06	54.55 2.99 -13.65	52.22 3.06 -13.62	50.05 3.00 -14.09
NORTHPORT____4 23650	51.31 2.72 -19.05	37.76 2.36 -7.01	33.54 2.23 -5.35	31.04 2.20 -2.91	30.75 2.10 -2.73	30.43 2.19 -2.21	34.51 2.51 -4.36	38.55 2.48 -8.85	48.38 2.95 -14.38	58.46 2.94 -24.58	55.94 3.05 -19.77	57.74 3.36 -17.42	58.14 3.31 -17.59	53.85 3.55 -11.69	65.19 3.77 -20.41	65.84 4.10 -18.65	73.30 4.90 -17.34	82.27 5.07 -25.99	70.03 4.54 -14.43	60.24 4.54 -4.64	54.49 3.84 -2.06	54.55 2.99 -13.65	52.22 3.06 -13.62	50.05 3.00 -14.09
NORTHPORT____IC 23718	51.35 2.75 -19.05	37.74 2.33 -7.01	33.56 2.26 -5.35	31.07 2.23 -2.91	30.78 2.13 -2.73	30.46 2.21 -2.21	34.54 2.54 -4.36	38.57 2.50 -8.85	48.44 3.01 -14.38	58.49 2.97 -24.58	55.76 2.88 -19.76	57.47 3.10 -17.41	57.88 3.05 -17.58	53.49 3.20 -11.68	64.66 3.36 -20.29	65.27 3.53 -18.65	72.62 4.24 -17.33	81.60 4.40 -25.98	69.36 3.88 -14.42	59.41 3.73 -4.63	53.82 3.45 -1.78	53.82 2.50 -13.41	51.89 2.74 -13.61	49.95 2.90 -14.09

NORTH__COUNTRY_ESR 323785	29.35 -0.21 0.00	28.25 -0.14 0.00	26.06 0.10 0.00	26.09 0.16 0.00	26.06 0.13 0.00	26.06 0.03 0.00	27.63 0.00 0.00	27.30 0.08 0.00	31.15 0.09 0.00	30.97 0.03 0.00	33.09 -0.03 0.00	36.88 -0.07 0.00	37.35 0.11 0.00	38.68 0.08 0.00	41.21 0.21 0.00	43.18 0.09 0.00	51.21 0.15 0.00	51.31 0.10 0.00	51.51 0.46 0.00	51.67 0.61 0.00	49.32 0.73 0.00	38.40 0.49 0.00	36.00 0.46 0.00	33.29 0.33 0.00
NPX_GEN_1385_PROXY 323591	51.41 2.81 -19.05	37.74 2.33 -7.01	33.61 2.31 -5.35	31.12 2.28 -2.91	30.83 2.18 -2.73	30.51 2.26 -2.21	34.59 2.60 -4.36	38.63 2.56 -8.85	48.50 3.07 -14.38	58.49 2.97 -24.58	55.76 2.88 -19.76	57.47 3.10 -17.41	57.88 3.05 -17.58	53.49 3.20 -11.68	64.66 3.36 -20.29	65.27 3.53 -18.65	72.62 4.24 -17.33	81.60 4.40 -25.98	69.46 3.98 -14.42	59.46 3.78 -4.63	53.91 3.55 -1.78	53.90 2.58 -13.41	51.96 2.81 -13.61	50.02 2.97 -14.09
NPX_GEN_CSC 323557	52.11 3.51 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.69 2.85 -2.91	31.43 2.78 -2.73	31.08 2.84 -2.21	35.26 3.26 -4.36	39.28 3.21 -8.85	49.31 3.88 -14.38	59.32 3.80 -24.58	56.86 3.97 -19.77	58.69 4.32 -17.41	59.00 4.17 -17.59	61.87 4.44 -18.83	70.30 5.04 -24.24	66.95 5.21 -18.65	74.51 6.12 -17.33	92.16 6.30 -34.65	82.38 5.67 -25.66	90.62 5.82 -33.75	65.74 5.39 -11.76	65.06 3.94 -23.21	53.17 4.01 -13.61	51.00 3.95 -14.09
NSINS_S_GLNS_FALLS 23858	32.49 2.04 -0.90	30.97 1.96 -0.62	31.11 1.69 -3.47	27.78 1.63 -0.22	28.45 1.66 -0.86	27.81 1.77 0.00	29.73 1.88 -0.22	46.21 1.91 -17.09	39.78 2.33 -6.40	39.71 2.26 -6.51	38.59 2.19 -3.29	39.71 2.51 -0.25	40.78 2.57 -0.97	44.93 2.51 -3.81	43.47 2.46 0.00	48.13 2.67 -2.37	65.40 3.32 -11.03	76.67 3.38 -22.08	66.82 3.73 -12.03	65.65 3.98 -10.61	52.68 3.98 -0.10	47.75 3.15 -6.69	38.77 2.77 -0.45	35.55 2.37 -0.22
NUCOR_STEEL__DRP 24197	29.72 0.09 -0.08	28.54 0.09 -0.06	26.28 0.00 -0.32	25.90 -0.05 -0.02	25.93 -0.08 -0.08	26.16 0.13 0.00	27.85 0.19 -0.02	28.28 0.22 -0.84	31.89 0.25 -0.59	31.78 0.25 -0.60	33.72 0.30 -0.30	37.35 0.37 -0.02	37.66 0.34 -0.09	39.27 0.31 -0.35	41.67 0.37 -0.29	45.17 0.43 -1.65	55.26 0.66 -3.54	55.97 0.97 -3.78	56.10 0.97 -4.08	55.42 0.87 -3.50	52.54 0.83 -3.13	38.73 0.57 -0.26	35.98 0.43 -0.02	33.17 0.20 -0.02
NUMBER_THREE_WT_PWR 323818	29.31 -0.27 -0.03	28.16 -0.26 -0.02	25.82 -0.23 -0.10	25.70 -0.23 -0.01	25.72 -0.23 -0.02	25.85 -0.18 0.00	27.42 -0.22 -0.01	27.16 -0.16 -0.11	30.99 -0.25 -0.18	30.87 -0.25 -0.19	32.88 -0.33 -0.09	36.63 -0.33 -0.01	36.97 -0.30 -0.03	38.52 -0.19 -0.11	40.76 -0.37 -0.13	43.38 -0.39 -0.68	52.34 -0.05 -1.33	52.71 0.00 -1.50	53.21 0.31 -1.85	53.04 0.41 -1.58	50.31 0.24 -1.47	38.17 0.27 0.00	35.82 0.28 0.00	32.90 -0.07 -0.01
NYISO_LBMP_REFERENCE 24008	29.55 0.00 0.00	28.39 0.00 0.00	25.95 0.00 0.00	25.93 0.00 0.00	25.93 0.00 0.00	26.03 0.00 0.00	27.63 0.00 0.00	27.22 0.00 0.00	31.05 0.00 0.00	30.94 0.00 0.00	33.12 0.00 0.00	36.96 0.00 0.00	37.24 0.00 0.00	38.61 0.00 0.00	41.01 0.00 0.00	43.09 0.00 0.00	51.05 0.00 0.00	51.21 0.00 0.00	51.05 0.00 0.00	51.05 0.00 0.00	48.59 0.00 0.00	37.91 0.00 0.00	35.54 0.00 0.00	32.96 0.00 0.00
NYPA_BRENTWD__GT 24164	51.79 3.19 -19.05	38.13 2.73 -7.01	33.92 2.62 -5.35	31.41 2.57 -2.91	31.14 2.49 -2.73	30.82 2.58 -2.21	34.96 2.96 -4.36	38.98 2.91 -8.85	48.91 3.48 -14.38	58.98 3.46 -24.58	56.43 3.55 -19.77	58.21 3.84 -17.41	58.63 3.80 -17.59	55.72 4.01 -13.10	70.66 4.43 -25.22	66.14 4.40 -18.65	73.65 5.26 -17.33	84.39 5.48 -27.70	72.60 4.90 -16.65	66.15 4.69 -10.40	67.39 4.67 -14.13	65.44 3.45 -24.09	52.67 3.52 -13.61	50.54 3.49 -14.09
NYPA_GOWANUS__GT5 24156	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.06 2.01 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NYPA_GOWANUS__GT6 24157	32.30 2.07 -0.68	30.60 1.73 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.00 1.69 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.54 2.57 -0.74	44.43 2.93 -2.89	44.21 3.20 0.00	48.38 3.49 -1.79	58.98 4.39 -3.54	62.90 4.61 -7.08	58.90 3.98 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	42.06 2.01 -2.15	37.82 2.13 -0.15	35.23 2.11 -0.17
NYPA_HARLEM_RVR_GT1 24160	32.31 2.07 -0.69	30.54 1.67 -0.47	30.33 1.74 -2.63	27.78 1.68 -0.17	28.08 1.50 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	35.83 1.52 -7.09	37.76 1.86 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.35 2.22 -0.18	40.17 2.20 -0.73	44.04 2.55 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.30 2.67 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
NYPA_HARLEM_RVR_GT2 24161	32.31 2.07 -0.69	30.54 1.67 -0.47	30.33 1.74 -2.63	27.78 1.68 -0.17	28.08 1.50 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	35.83 1.52 -7.09	37.76 1.86 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.35 2.22 -0.18	40.17 2.20 -0.73	44.04 2.55 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.30 2.67 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
NYPA_KENT__GT 24152	32.24 2.01 -0.68	30.57 1.70 -0.47	30.25 1.66 -2.63	27.73 1.63 -0.17	28.06 1.48 -0.65	27.52 1.48 0.00	29.65 1.85 -0.17	36.03 1.72 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.90 2.28 -2.49	39.66 2.51 -0.19	40.51 2.53 -0.74	44.40 2.90 -2.89	44.17 3.16 0.00	48.34 3.45 -1.79	58.93 4.34 -3.54	62.85 4.56 -7.08	58.85 3.93 -3.86	57.77 3.32 -3.40	51.59 2.96 -0.03	42.06 2.01 -2.15	37.78 2.10 -0.15	35.23 2.11 -0.17
NYPA_POUCH1__GT 24155	32.27 2.04 -0.68	30.57 1.70 -0.47	30.27 1.69 -2.63	27.70 1.61 -0.17	28.06 1.48 -0.65	27.49 1.46 0.00	29.60 1.80 -0.17	36.34 1.61 -7.52	38.98 1.99 -5.93	38.90 2.04 -5.92	38.73 2.19 -3.42	40.68 2.40 -1.32	40.44 2.46 -0.74	44.32 2.82 -2.90	44.04 3.03 0.00	48.20 3.32 -1.79	58.82 4.24 -3.53	62.74 4.45 -7.08	58.74 3.83 -3.86	57.67 3.22 -3.40	51.02 2.87 0.44	41.45 1.89 -1.65	38.61 2.02 -1.04	35.13 2.01 -0.17
NYPA_VERNON__GT2 24162	32.18 1.95 -0.68	30.54 1.67 -0.47	30.22 1.64 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.62 1.82 -0.17	36.03 1.72 -7.09	37.99 2.08 -4.85	37.98 2.10 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.88 4.29 -3.54	62.74 4.45 -7.08	58.75 3.83 -3.86	57.73 3.27 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17

NYPA_VERNON____GT3 24163	32.18 1.95 -0.68	30.54 1.67 -0.47	30.22 1.64 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.62 1.82 -0.17	36.03 1.72 -7.09	37.99 2.08 -4.85	37.98 2.10 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.88 4.29 -3.54	62.74 4.45 -7.08	58.75 3.83 -3.86	57.73 3.27 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
NYPA____ASTORIA_CC1 323568	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
NYPA____ASTORIA_CC2 323569	32.18 1.95 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	35.97 1.66 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.54 2.40 -0.19	40.36 2.39 -0.74	44.24 2.74 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.64 3.73 -3.86	57.62 3.17 -3.40	51.44 2.82 -0.03	41.95 1.89 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
NYPA____HOLTSVILL 23794	51.73 3.13 -19.05	38.05 2.64 -7.01	33.87 2.57 -5.35	31.38 2.54 -2.91	31.09 2.44 -2.73	30.77 2.52 -2.21	34.90 2.90 -4.36	38.93 2.86 -8.85	48.88 3.45 -14.38	58.89 3.37 -24.58	56.37 3.48 -19.77	58.06 3.70 -17.41	58.37 3.54 -17.59	61.10 3.79 -18.71	69.39 4.18 -24.19	66.14 4.40 -18.65	73.60 5.21 -17.33	91.14 5.43 -34.50	81.42 4.90 -25.47	89.10 4.80 -33.25	64.64 4.42 -11.63	64.28 3.30 -23.07	52.57 3.41 -13.61	50.51 3.46 -14.09
NYPA____HELLGATE_GT1 24158	32.31 2.07 -0.69	30.54 1.67 -0.47	30.33 1.74 -2.63	27.78 1.68 -0.17	28.08 1.50 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	35.83 1.52 -7.09	37.76 1.86 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.35 2.22 -0.18	40.17 2.20 -0.73	44.04 2.55 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.30 2.67 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
NYPA____HELLGATE_GT2 24159	32.31 2.07 -0.69	30.54 1.67 -0.47	30.33 1.74 -2.63	27.78 1.68 -0.17	28.08 1.50 -0.65	27.44 1.40 0.00	29.60 1.80 -0.17	35.83 1.52 -7.09	37.76 1.86 -4.84	37.75 1.89 -4.93	37.63 2.02 -2.49	39.35 2.22 -0.18	40.17 2.20 -0.73	44.04 2.55 -2.88	43.88 2.87 0.00	48.08 3.19 -1.79	58.72 4.13 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.41 2.96 -3.39	51.30 2.67 -0.03	41.80 1.74 -2.15	37.64 1.95 -0.15	35.34 2.21 -0.18
NYS_BARGE____HYD 23848	29.39 -0.27 -0.10	28.21 -0.26 -0.07	25.52 -0.83 -0.40	25.05 -0.91 -0.03	25.09 -0.93 -0.10	25.80 -0.23 0.00	27.11 -0.55 -0.03	27.60 -0.68 -1.06	30.98 -0.81 -0.73	30.97 -0.71 -0.74	32.74 -0.76 -0.37	36.28 -0.70 -0.03	36.27 -1.08 -0.11	37.42 -1.62 -0.43	39.45 -1.56 0.00	41.64 -1.73 -0.27	48.76 -2.50 -0.20	50.38 -1.89 -1.06	48.96 -2.30 -0.20	49.88 -1.68 -0.51	46.89 -1.70 -0.01	37.21 -1.02 -0.32	34.10 -1.46 -0.02	32.42 -0.56 -0.03
OAK ORCHARD____HYD 24046	29.81 0.18 -0.08	28.48 0.03 -0.06	26.07 -0.21 -0.33	25.56 -0.39 -0.02	25.67 -0.34 -0.08	25.91 -0.13 0.00	27.46 -0.19 -0.02	28.05 -0.03 -0.86	31.62 -0.03 -0.60	31.55 0.00 -0.61	33.43 0.00 -0.31	36.87 -0.11 -0.02	37.33 0.00 -0.09	38.85 -0.12 -0.36	41.01 0.00 0.00	43.31 0.00 -0.22	51.22 -0.25 -0.42	52.31 0.26 -0.84	51.56 0.05 -0.46	51.66 0.21 -0.40	48.69 0.10 0.00	38.12 -0.04 -0.25	35.17 -0.39 -0.02	32.98 0.00 -0.02
OAKDALE____35_KV_LOAD 356122	29.91 0.15 -0.21	28.68 0.14 -0.15	26.75 -0.03 -0.82	25.96 -0.03 -0.05	26.08 -0.05 -0.20	26.27 0.23 0.00	27.91 0.22 -0.05	29.77 0.14 -2.42	32.73 0.16 -1.52	32.64 0.15 -1.55	34.10 0.20 -0.78	37.27 0.26 -0.06	37.66 0.19 -0.23	39.74 0.23 -0.91	41.37 0.25 -0.11	44.46 0.26 -1.11	53.81 0.36 -2.40	55.48 0.61 -3.66	54.26 0.51 -2.70	53.91 0.46 -2.40	50.24 0.44 -1.21	39.17 0.49 -0.77	35.91 0.32 -0.05	33.21 0.20 -0.05
OCC_CHEM____DRP 24175	29.09 -0.56 -0.11	27.84 -0.62 -0.07	25.40 -0.96 -0.41	24.76 -1.19 -0.03	24.89 -1.14 -0.10	25.07 -0.96 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.45 -1.52 -0.01	35.51 -1.82 -0.09	36.90 -2.12 -0.42	38.65 -2.34 0.02	40.76 -2.59 -0.25	47.55 -3.52 -0.01	49.39 -2.92 -1.10	48.08 -3.06 -0.08	48.77 -2.81 -0.52	46.12 -2.48 -0.01	36.42 -1.82 -0.33	33.57 -1.99 -0.02	31.63 -1.35 -0.03
OH_GEN_PROXY 24063	29.24 -0.41 -0.10	28.01 -0.46 -0.07	25.42 -0.93 -0.40	24.92 -1.04 -0.03	25.02 -1.01 -0.10	25.49 -0.55 0.00	26.94 -0.72 -0.03	27.42 -0.87 -1.08	30.80 -0.99 -0.74	30.76 -0.93 -0.75	32.51 -0.99 -0.38	35.91 -1.07 -0.03	36.01 -1.34 -0.11	37.39 -1.66 -0.44	39.33 -1.68 0.00	41.56 -1.81 -0.27	48.93 -2.55 -0.43	50.34 -1.95 -1.07	49.21 -2.30 -0.45	49.73 -1.84 -0.51	46.75 -1.85 -0.01	37.02 -1.21 -0.32	34.00 -1.56 -0.02	32.32 -0.66 -0.03
OLIN_CORP_DRP 24177	28.98 -0.68 -0.11	27.73 -0.74 -0.07	25.28 -1.09 -0.41	24.68 -1.27 -0.03	24.76 -1.27 -0.10	25.33 -0.70 0.00	26.72 -0.94 -0.03	27.21 -1.12 -1.11	30.54 -1.27 -0.76	30.44 -1.27 -0.77	32.12 -1.39 -0.39	35.58 -1.40 -0.03	35.64 -1.71 -0.11	37.01 -2.05 -0.45	38.71 -2.30 0.00	40.83 -2.54 -0.28	47.70 -3.52 -0.17	49.45 -2.87 -1.11	48.29 -2.91 -0.15	48.93 -2.65 -0.53	46.22 -2.38 -0.01	36.57 -1.67 -0.33	33.72 -1.85 -0.02	31.66 -1.32 -0.03
OLIN_CORP_DSASP 323712	29.09 -0.56 -0.11	27.87 -0.60 -0.07	25.32 -1.04 -0.41	24.81 -1.14 -0.03	24.92 -1.11 -0.10	25.20 -0.83 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.37 -1.30 -0.73	32.09 -1.39 -0.36	35.41 -1.55 -0.01	35.51 -1.82 -0.09	36.83 -2.20 -0.42	38.73 -2.26 0.02	40.93 -2.41 -0.25	47.75 -3.32 -0.02	49.59 -2.72 -1.10	47.92 -3.21 -0.08	49.08 -2.50 -0.53	46.12 -2.48 -0.01	36.53 -1.71 -0.33	33.54 -2.02 -0.02	31.99 -0.99 -0.03
ONEIDA_HERK_LFGE 323681	29.81 0.24 -0.02	28.75 0.34 -0.01	26.19 0.16 -0.08	26.09 0.16 -0.01	26.11 0.16 -0.02	26.27 0.23 0.00	27.94 0.30 -0.01	27.63 0.33 -0.09	31.58 0.37 -0.15	31.46 0.37 -0.15	33.63 0.43 -0.08	37.48 0.52 -0.01	37.78 0.52 -0.02	39.35 0.66 -0.09	41.71 0.65 -0.05	44.05 0.65 -0.31	52.74 1.12 -0.56	53.09 1.28 -0.60	53.02 1.22 -0.74	52.96 1.28 -0.63	50.26 1.07 -0.60	38.78 0.87 0.00	36.25 0.71 0.00	33.39 0.43 -0.01
ONEIDA____115KV_TB4 55905	30.03 0.44 -0.04	28.85 0.43 -0.03	26.42 0.31 -0.16	26.22 0.29 -0.01	26.28 0.31 -0.04	26.48 0.44 0.00	28.17 0.53 -0.01	27.95 0.57 -0.16	31.99 0.65 -0.28	31.87 0.65 -0.29	34.03 0.76 -0.14	37.85 0.89 -0.01	38.18 0.89 -0.04	39.82 1.04 -0.17	42.12 1.03 -0.09	44.66 1.03 -0.53	53.62 1.63 -0.93	53.95 1.84 -0.90	54.00 1.84 -1.10	53.78 1.79 -0.94	51.13 1.60 -0.94	39.16 1.25 0.00	36.54 1.00 0.00	33.59 0.63 -0.01

ONONDAGA_REF_OCCRA 23987	29.42 -0.21 -0.07	28.22 -0.23 -0.05	25.93 -0.31 -0.29	25.61 -0.34 -0.02	25.66 -0.34 -0.07	25.83 -0.21 0.00	27.49 -0.17 -0.02	27.82 -0.14 -0.74	31.39 -0.19 -0.53	31.32 -0.15 -0.53	33.26 -0.13 -0.27	36.90 -0.07 -0.02	37.21 -0.11 -0.08	38.84 -0.08 -0.31	41.08 -0.12 -0.20	44.16 -0.09 -0.15	53.51 0.00 -2.46	54.06 0.15 -2.70	53.93 0.05 -2.82	53.53 0.05 -2.42	50.68 0.00 -2.09	38.05 -0.08 -0.22	35.41 -0.14 -0.01	32.71 -0.26 -0.02
ONONDAGA___COGEN 23986	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
ONTARIO___LFGE 23819	29.74 0.09 -0.10	28.55 0.09 -0.07	26.10 -0.23 -0.38	25.69 -0.26 -0.02	25.76 -0.26 -0.09	26.14 0.10 0.00	27.80 0.14 -0.02	28.38 0.14 -1.03	31.88 0.12 -0.70	31.87 0.22 -0.72	33.72 0.23 -0.36	37.28 0.29 -0.03	37.38 0.04 -0.11	39.06 0.04 -0.42	41.28 0.16 -0.10	44.03 0.17 -0.76	53.11 0.46 -1.59	54.14 0.87 -2.05	53.53 0.66 -1.81	53.34 0.71 -1.58	50.22 0.54 -1.10	38.67 0.46 -0.31	35.85 0.28 -0.02	33.31 0.33 -0.02
ORANGEVILLE_WT_PWR 323706	29.50 -0.18 -0.13	28.42 -0.06 -0.09	25.82 -0.62 -0.49	25.39 -0.57 -0.03	25.35 -0.70 -0.12	26.06 0.03 0.00	27.55 -0.11 -0.03	28.14 -0.41 -1.33	31.49 -0.46 -0.90	31.48 -0.37 -0.91	33.25 -0.33 -0.46	36.99 0.00 -0.03	36.78 -0.60 -0.14	38.33 -0.81 -0.53	40.27 -0.74 0.00	42.56 -0.86 -0.33	50.26 -1.17 -0.38	51.94 -0.61 -1.35	50.42 -1.02 -0.38	51.09 -0.61 -0.65	47.82 -0.78 -0.01	38.24 -0.08 -0.41	35.07 -0.50 -0.03	33.09 0.10 -0.03
ORANGEVILLE___ESR 323794	29.50 -0.18 -0.13	28.42 -0.06 -0.09	25.82 -0.62 -0.49	25.39 -0.57 -0.03	25.35 -0.70 -0.12	26.06 0.03 0.00	27.55 -0.11 -0.03	28.14 -0.41 -1.33	31.49 -0.46 -0.90	31.48 -0.37 -0.91	33.25 -0.33 -0.46	36.99 0.00 -0.03	36.78 -0.60 -0.14	38.33 -0.81 -0.53	40.27 -0.74 0.00	42.56 -0.86 -0.33	50.26 -1.17 -0.38	51.94 -0.61 -1.35	50.42 -1.02 -0.38	51.09 -0.61 -0.65	47.82 -0.78 -0.01	38.24 -0.08 -0.41	35.07 -0.50 -0.03	33.09 0.10 -0.03
OSWEGATCHIE___HYD 24044	29.07 -0.50 -0.02	27.90 -0.51 -0.01	25.66 -0.36 -0.07	25.60 -0.34 0.00	25.58 -0.36 -0.02	25.64 -0.39 0.00	27.11 -0.53 0.00	26.58 -0.71 -0.07	30.34 -0.84 -0.13	30.14 -0.93 -0.13	32.13 -1.06 -0.06	35.74 -1.22 0.00	36.11 -1.15 -0.02	37.44 -1.24 -0.08	39.67 -1.44 -0.10	42.03 -1.59 -0.53	50.48 -1.64 -1.06	51.40 -1.13 -1.32	52.01 -0.67 -1.62	51.88 -0.56 -1.38	48.97 -0.78 -1.16	37.41 -0.49 0.00	35.40 -0.14 0.00	32.63 -0.33 -0.01
OSWEGO___5 23606	28.92 -0.68 -0.05	27.78 -0.65 -0.03	25.47 -0.67 -0.19	25.24 -0.70 -0.01	25.28 -0.70 -0.05	25.44 -0.60 0.00	27.01 -0.63 -0.01	26.82 -0.60 -0.20	30.72 -0.68 -0.35	30.61 -0.68 -0.36	32.57 -0.73 -0.18	36.16 -0.81 -0.01	36.44 -0.86 -0.05	37.93 -0.89 -0.21	41.26 -0.94 -1.20	48.12 -0.95 -5.98	62.69 -1.07 -12.71	62.34 -0.92 -12.05	64.88 -1.02 -14.85	62.76 -0.97 -12.68	60.46 -0.97 -12.84	37.11 -0.80 0.00	34.72 -0.82 0.00	32.21 -0.76 -0.01
OSWEGO___6 23613	28.92 -0.68 -0.05	27.78 -0.65 -0.03	25.47 -0.67 -0.19	25.24 -0.70 -0.01	25.28 -0.70 -0.05	25.44 -0.60 0.00	27.01 -0.63 -0.01	26.82 -0.60 -0.20	30.72 -0.68 -0.35	30.61 -0.68 -0.36	32.57 -0.73 -0.18	36.16 -0.81 -0.01	36.44 -0.86 -0.05	37.93 -0.89 -0.21	41.26 -0.94 -1.20	48.12 -0.95 -5.98	62.69 -1.07 -12.71	62.34 -0.92 -12.05	64.88 -1.02 -14.85	62.76 -0.97 -12.68	60.46 -0.97 -12.84	37.11 -0.80 0.00	34.72 -0.82 0.00	32.21 -0.76 -0.01
OUTOKUMPU-AB___DRP 24206	29.57 -0.09 -0.11	28.30 -0.17 -0.07	25.80 -0.57 -0.42	25.23 -0.73 -0.03	25.31 -0.73 -0.10	25.75 -0.29 0.00	27.27 -0.39 -0.03	27.95 -0.38 -1.12	31.35 -0.47 -0.76	31.31 -0.40 -0.77	33.08 -0.43 -0.39	36.54 -0.44 -0.02	36.57 -0.78 -0.11	37.98 -1.08 -0.45	39.77 -1.23 0.01	41.90 -1.47 -0.28	49.14 -2.09 -0.18	50.64 -1.69 -1.12	49.33 -1.89 -0.17	49.85 -1.74 -0.53	47.04 -1.55 -0.01	37.37 -0.87 -0.34	34.39 -1.17 -0.02	32.32 -0.66 -0.03
OXBOW___ 24026	29.39 -0.27 -0.11	28.21 -0.26 -0.07	25.59 -0.78 -0.41	25.10 -0.86 -0.03	25.15 -0.88 -0.10	25.59 -0.44 0.00	27.00 -0.66 -0.03	27.60 -0.71 -1.09	30.96 -0.84 -0.74	30.95 -0.74 -0.75	32.74 -0.76 -0.37	36.19 -0.78 -0.02	36.15 -1.19 -0.10	37.50 -1.55 -0.44	39.48 -1.52 0.01	41.68 -1.68 -0.27	48.75 -2.40 -0.09	50.42 -1.89 -1.11	48.73 -2.45 -0.13	49.80 -1.79 -0.53	46.75 -1.85 -0.01	37.14 -1.10 -0.34	34.04 -1.53 -0.02	32.45 -0.53 -0.03
OXY_CHEM_DSASP 323612	29.09 -0.56 -0.11	27.84 -0.62 -0.07	25.40 -0.96 -0.41	24.76 -1.19 -0.03	24.89 -1.14 -0.10	25.07 -0.96 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.45 -1.52 -0.01	35.51 -1.82 -0.09	36.90 -2.12 -0.42	38.65 -2.34 0.02	40.76 -2.59 -0.25	47.55 -3.52 -0.01	49.39 -2.92 -1.10	48.08 -3.06 -0.08	48.77 -2.81 -0.52	46.12 -2.48 -0.01	36.42 -1.82 -0.33	33.57 -1.99 -0.02	31.63 -1.35 -0.03
OZONE_PARK_ESR 323760	32.33 2.10 -0.68	30.74 1.87 -0.47	30.33 1.74 -2.63	27.81 1.71 -0.17	28.19 1.61 -0.65	27.70 1.67 0.00	29.79 1.99 -0.17	36.25 1.93 -7.10	38.24 2.33 -4.85	38.26 2.38 -4.94	38.13 2.52 -2.49	39.91 2.77 -0.19	40.77 2.79 -0.74	44.66 3.17 -2.89	44.53 3.53 0.00	48.68 3.79 -1.79	59.24 4.65 -3.54	63.11 4.81 -7.08	59.15 4.24 -3.86	58.24 3.78 -3.40	52.07 3.45 -0.03	42.44 2.39 -2.15	38.03 2.35 -0.15	35.50 2.37 -0.17
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.09 -0.56 -0.11	27.84 -0.62 -0.07	25.40 -0.96 -0.41	24.76 -1.19 -0.03	24.89 -1.14 -0.10	25.07 -0.96 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.45 -1.52 -0.01	35.51 -1.82 -0.09	36.90 -2.12 -0.42	38.65 -2.34 0.02	40.76 -2.59 -0.25	47.55 -3.52 -0.01	49.39 -2.92 -1.10	48.08 -3.06 -0.08	48.77 -2.81 -0.52	46.12 -2.48 -0.01	36.42 -1.82 -0.33	33.57 -1.99 -0.02	31.63 -1.35 -0.03
PACKARD__115KV_DUPONT_184 80571	29.09 -0.56 -0.11	27.84 -0.62 -0.07	25.40 -0.96 -0.41	24.76 -1.19 -0.03	24.89 -1.14 -0.10	25.07 -0.96 0.00	26.61 -1.05 -0.03	27.11 -1.17 -1.06	30.41 -1.37 -0.72	30.31 -1.36 -0.73	32.03 -1.46 -0.36	35.45 -1.52 -0.01	35.51 -1.82 -0.09	36.90 -2.12 -0.42	38.65 -2.34 0.02	40.76 -2.59 -0.25	47.55 -3.52 -0.01	49.39 -2.92 -1.10	48.08 -3.06 -0.08	48.77 -2.81 -0.52	46.12 -2.48 -0.01	36.42 -1.82 -0.33	33.57 -1.99 -0.02	31.63 -1.35 -0.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.28 2.04 -0.69	30.60 1.73 -0.47	30.27 1.69 -2.63	27.76 1.66 -0.17	28.08 1.50 -0.65	27.54 1.51 0.00	29.57 1.77 -0.17	35.86 1.55 -7.10	37.80 1.89 -4.85	37.82 1.95 -4.94	37.67 2.05 -2.49	39.36 2.22 -0.19	40.25 2.27 -0.74	44.09 2.59 -2.89	44.04 3.03 0.00	48.25 3.36 -1.79	58.83 4.24 -3.54	62.75 4.46 -7.08	58.69 3.78 -3.86	57.42 2.96 -3.40	51.35 2.72 -0.03	41.80 1.74 -2.15	37.75 2.06 -0.15	35.44 2.31 -0.18

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.60 2.36 -0.69	30.88 2.02 -0.47	30.56 1.97 -2.63	28.04 1.94 -0.17	28.34 1.76 -0.65	27.81 1.77 0.00	29.85 2.04 -0.17	36.16 1.85 -7.10	38.14 2.24 -4.85	38.35 2.47 -4.94	38.20 2.58 -2.49	39.95 2.81 -0.19	40.84 2.87 -0.74	44.78 3.28 -2.89	44.78 3.77 0.00	49.02 4.14 -1.79	59.80 5.21 -3.54	63.77 5.48 -7.08	59.36 4.44 -3.86	58.03 3.57 -3.40	51.93 3.30 -0.03	42.22 2.16 -2.15	38.14 2.45 -0.15	35.74 2.60 -0.18
PATROON__115KV_TB1 80586	31.90 1.48 -0.87	30.39 1.39 -0.60	30.56 1.22 -3.38	27.41 1.27 -0.21	28.01 1.24 -0.84	27.34 1.30 0.00	29.23 1.38 -0.21	42.47 1.33 -13.92	38.65 1.37 -6.23	38.61 1.33 -6.34	37.75 1.42 -3.20	38.86 1.66 -0.24	39.86 1.68 -0.95	43.98 1.66 -3.72	42.77 1.76 0.00	47.29 1.90 -2.30	61.75 2.20 -8.50	70.43 2.20 -17.02	62.37 2.04 -9.28	61.22 1.99 -8.18	50.57 1.90 -0.08	44.55 1.48 -5.16	37.38 1.49 -0.35	34.62 1.45 -0.21
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.02 -0.65 -0.12	27.76 -0.71 -0.08	25.34 -1.06 -0.45	25.13 -0.83 -0.03	24.85 -1.19 -0.11	26.03 0.00 0.00	27.33 -0.33 -0.03	27.60 -0.84 -1.23	30.92 -0.96 -0.83	30.89 -0.90 -0.85	32.62 -0.93 -0.43	36.29 -0.70 -0.03	36.25 -1.12 -0.13	37.79 -1.31 -0.50	39.61 -1.39 0.00	41.76 -1.64 -0.31	49.29 -2.04 -0.28	50.86 -1.59 -1.24	49.59 -1.74 -0.28	49.81 -1.84 -0.59	46.90 -1.70 -0.01	38.20 -0.08 -0.37	35.07 -0.50 -0.03	32.16 -0.82 -0.03
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.25 2.01 -0.69	30.72 1.85 -0.48	30.26 1.64 -2.67	27.73 1.63 -0.17	28.09 1.50 -0.66	27.54 1.51 0.00	29.60 1.80 -0.17	36.24 1.77 -7.25	38.05 2.05 -4.94	38.10 2.13 -5.03	38.01 2.35 -2.54	39.73 2.59 -0.19	40.60 2.61 -0.75	44.41 2.86 -2.95	44.21 3.20 0.00	48.50 3.58 -1.83	58.96 4.29 -3.62	63.02 4.56 -7.25	59.04 4.03 -3.95	58.27 3.73 -3.48	52.12 3.50 -0.03	42.65 2.54 -2.20	37.96 2.27 -0.15	35.37 2.24 -0.17
PEEKSKILL____ 23653	31.91 1.68 -0.67	30.36 1.50 -0.46	29.95 1.40 -2.60	27.47 1.37 -0.16	27.87 1.30 -0.64	27.36 1.33 0.00	29.37 1.57 -0.16	35.77 1.55 -7.00	37.67 1.83 -4.79	37.66 1.86 -4.87	37.60 2.02 -2.46	39.36 2.22 -0.18	40.16 2.20 -0.73	43.93 2.47 -2.86	43.76 2.75 0.00	47.83 2.97 -1.77	58.12 3.57 -3.49	61.94 3.74 -6.99	58.08 3.22 -3.81	57.32 2.91 -3.36	51.25 2.62 -0.03	42.00 1.97 -2.12	37.57 1.88 -0.14	34.93 1.81 -0.16
PGE MADISON__WINDPWR 24146	31.41 1.65 -0.20	30.29 1.76 -0.14	28.01 1.27 -0.78	27.25 1.27 -0.05	27.42 1.30 -0.19	27.73 1.69 0.00	29.56 1.88 -0.05	31.66 1.85 -2.59	34.46 1.99 -1.42	34.23 1.86 -1.44	35.80 1.95 -0.73	39.38 2.37 -0.05	39.69 2.23 -0.21	41.88 2.43 -0.85	43.55 2.42 -0.12	46.85 2.63 -1.13	57.61 3.83 -2.73	60.08 4.71 -4.16	59.03 5.21 -3.07	58.97 5.21 -2.71	54.64 4.71 -1.33	42.66 3.87 -0.88	38.69 3.09 -0.06	35.38 2.37 -0.05
PIERCEFIELD__HYD 23852	29.11 -0.44 0.00	28.05 -0.34 0.00	25.75 -0.21 0.00	25.77 -0.16 0.00	25.75 -0.18 0.00	25.77 -0.26 0.00	27.19 -0.44 0.00	26.65 -0.57 0.00	30.40 -0.65 0.00	30.29 -0.65 0.00	32.36 -0.76 0.00	35.96 -1.00 0.00	36.38 -0.86 0.00	37.45 -1.16 0.00	39.78 -1.23 0.00	41.71 -1.38 0.00	49.37 -1.68 0.00	49.76 -1.89 -0.44	49.97 -1.63 -0.55	50.09 -1.43 -0.47	47.87 -1.31 -0.59	37.38 -0.53 0.00	35.29 -0.25 0.00	32.73 -0.23 0.00
PINELAWN_CC_1 323563	51.49 2.90 -19.05	37.88 2.47 -7.01	33.69 2.39 -5.35	31.17 2.33 -2.91	30.91 2.25 -2.73	30.56 2.32 -2.21	34.68 2.68 -4.36	38.71 2.64 -8.85	48.60 3.17 -14.37	58.61 3.09 -24.58	56.13 3.25 -19.76	57.58 3.21 -17.41	57.88 3.05 -17.58	53.87 3.20 -12.06	66.06 3.73 -21.32	65.70 3.96 -18.65	72.93 4.54 -17.33	82.41 4.76 -26.44	70.41 4.34 -15.02	61.56 4.34 -6.17	56.89 3.93 -4.36	56.56 2.99 -15.66	52.42 3.27 -13.61	50.24 3.20 -14.09
PJM_GEN_HTP_PROXY 323702	32.03 1.80 -0.68	30.48 1.62 -0.47	30.09 1.50 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.47 1.43 0.00	29.54 1.74 -0.17	36.00 1.69 -7.09	37.92 2.02 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.62 4.03 -3.54	62.49 4.20 -7.08	58.54 3.63 -3.86	57.68 3.22 -3.40	51.49 2.87 -0.03	42.10 2.05 -2.15	37.68 1.99 -0.15	35.07 1.94 -0.17
PJM_GEN_KEystone 24065	27.40 0.44 2.59	25.86 0.45 2.99	24.98 0.16 1.13	24.75 0.18 1.36	24.50 0.05 1.48	26.30 0.42 0.15	28.10 0.50 0.03	29.85 0.30 -2.33	32.20 0.37 -0.77	34.20 0.40 -2.86	34.97 0.46 -1.38	37.64 0.74 0.06	38.10 0.41 -0.45	40.84 0.46 -1.76	41.67 0.62 -0.05	45.10 0.69 -1.32	54.35 0.71 -2.58	57.09 1.08 -4.80	54.45 0.56 -2.83	46.12 0.51 5.45	42.20 0.34 6.73	39.68 0.53 -1.24	34.90 0.36 1.00	32.87 0.62 0.71
PJM_GEN_NEPTUNE_PROXY 323594	50.93 2.33 -19.05	37.39 1.99 -7.01	33.20 1.89 -5.35	30.71 1.87 -2.91	30.44 1.79 -2.73	30.09 1.85 -2.21	34.15 2.16 -4.36	38.16 2.10 -8.85	47.91 2.49 -14.37	57.98 2.48 -24.57	55.47 2.59 -19.76	57.21 2.85 -17.41	57.62 2.79 -17.58	53.03 3.05 -11.37	64.95 3.36 -20.58	65.31 3.57 -18.64	72.67 4.29 -17.33	81.27 4.45 -25.60	68.92 3.93 -13.94	58.26 3.83 -3.38	54.44 3.35 -2.50	54.37 2.50 -13.96	51.68 2.52 -13.61	49.55 2.50 -14.09
PJM_GEN_VFT_PROXY 323633	31.85 1.62 -0.68	30.31 1.45 -0.47	29.96 1.37 -2.63	27.44 1.35 -0.17	27.80 1.22 -0.65	27.31 1.28 0.00	29.40 1.60 -0.17	34.90 1.50 -6.19	35.37 1.80 -2.51	35.60 1.86 -2.81	35.56 1.95 -0.49	36.82 2.14 2.28	40.14 2.16 -0.74	44.01 2.51 -2.89	43.84 2.83 0.00	47.95 3.06 -1.79	58.37 3.78 -3.54	62.24 3.94 -7.08	58.23 3.32 -3.86	57.31 2.86 -3.40	50.12 2.53 1.00	40.72 1.74 -1.07	35.49 1.74 1.79	34.84 1.71 -0.17
PLATSBRG_115KV_PMLD1 355749	29.73 0.18 0.00	28.71 0.31 0.00	26.37 0.42 0.00	26.42 0.49 0.00	26.37 0.44 0.00	26.40 0.36 0.00	27.97 0.33 0.00	27.65 0.44 0.00	31.55 0.50 0.00	31.37 0.43 0.00	33.45 0.33 0.00	37.29 0.33 0.00	37.80 0.56 0.00	39.15 0.54 0.00	41.75 0.74 0.00	43.74 0.65 0.00	51.92 0.87 0.00	52.08 0.87 0.00	52.23 1.17 0.00	52.54 1.48 0.00	50.10 1.51 0.00	39.12 1.21 0.00	36.50 0.96 0.00	33.75 0.79 0.00
PLEASANTVLY__LBMP 24000	31.92 1.65 -0.72	30.39 1.50 -0.49	30.10 1.38 -2.77	27.45 1.35 -0.18	27.91 1.30 -0.69	27.36 1.33 0.00	29.36 1.55 -0.18	36.20 1.50 -7.49	37.94 1.77 -5.11	37.93 1.79 -5.20	37.70 1.95 -2.63	39.30 2.14 -0.20	40.14 2.12 -0.78	43.97 2.32 -3.05	43.59 2.58 0.00	47.70 2.71 -1.89	58.00 3.22 -3.73	62.01 3.33 -7.47	58.09 2.96 -4.07	57.30 2.65 -3.59	51.10 2.48 -0.04	41.99 1.82 -2.27	37.54 1.85 -0.15	34.98 1.85 -0.18
PLSNTVLE_13_KV_13.8KVDIST 80602	32.07 1.83 -0.69	30.54 1.68 -0.47	30.12 1.51 -2.66	27.58 1.48 -0.17	27.99 1.40 -0.66	27.47 1.43 0.00	29.52 1.71 -0.17	36.04 1.66 -7.16	37.94 1.99 -4.90	37.96 2.04 -4.99	37.82 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.19 2.66 -2.92	44.00 2.99 0.00	48.09 3.19 -1.81	58.45 3.83 -3.57	62.35 3.99 -7.15	58.42 3.47 -3.90	57.65 3.17 -3.43	51.54 2.92 -0.03	42.12 2.05 -2.17	37.71 2.03 -0.15	35.17 2.04 -0.17

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.07 1.83 -0.69	30.54 1.68 -0.47	30.12 1.51 -2.66	27.58 1.48 -0.17	27.99 1.40 -0.66	27.47 1.43 0.00	29.52 1.71 -0.17	36.04 1.66 -7.16	37.94 1.99 -4.90	37.96 2.04 -4.99	37.82 2.19 -2.52	39.58 2.44 -0.19	40.40 2.42 -0.74	44.19 2.66 -2.92	44.00 2.99 0.00	48.09 3.19 -1.81	58.45 3.83 -3.57	62.35 3.99 -7.15	58.42 3.47 -3.90	57.65 3.17 -3.43	51.54 2.92 -0.03	42.12 2.05 -2.17	37.71 2.03 -0.15	35.17 2.04 -0.17
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.14 1.89 -0.70	30.61 1.73 -0.48	30.22 1.56 -2.71	27.63 1.53 -0.17	28.03 1.43 -0.67	27.49 1.46 0.00	29.52 1.71 -0.17	36.33 1.69 -7.43	38.03 1.96 -5.02	38.02 1.98 -5.11	37.82 2.12 -2.58	39.51 2.37 -0.19	40.38 2.38 -0.76	44.15 2.55 -2.99	43.88 2.87 0.00	48.01 3.06 -1.86	58.46 3.68 -3.73	62.52 3.84 -7.47	58.55 3.42 -4.07	57.81 3.17 -3.59	51.59 2.96 -0.04	42.37 2.20 -2.26	37.86 2.17 -0.15	35.24 2.11 -0.17
POLETTI____ 23519	32.03 1.80 -0.68	30.45 1.59 -0.47	30.07 1.48 -2.63	27.57 1.48 -0.17	27.95 1.37 -0.65	27.44 1.41 0.00	29.51 1.71 -0.17	35.97 1.66 -7.10	37.89 1.99 -4.85	37.92 2.04 -4.94	37.77 2.15 -2.49	39.51 2.37 -0.19	40.36 2.38 -0.74	44.24 2.74 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.54 3.62 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	41.99 1.93 -2.15	37.68 1.99 -0.15	35.13 2.01 -0.17
PORT_JEFF_3 23555	51.79 3.19 -19.05	38.11 2.70 -7.01	33.92 2.62 -5.35	31.41 2.57 -2.91	31.14 2.49 -2.73	30.82 2.58 -2.21	34.96 2.96 -4.36	38.98 2.91 -8.85	48.94 3.51 -14.38	58.95 3.43 -24.58	56.44 3.55 -19.77	58.06 3.70 -17.41	58.33 3.50 -17.59	61.36 3.74 -19.01	69.39 4.10 -24.28	66.05 4.31 -18.65	73.49 5.10 -17.33	91.41 5.33 -34.87	81.80 4.80 -25.94	90.23 4.69 -34.48	64.72 4.28 -11.86	64.53 3.30 -23.33	52.67 3.52 -13.61	50.61 3.56 -14.09
PORT_JEFF_4 23616	51.79 3.19 -19.05	38.11 2.70 -7.01	33.92 2.62 -5.35	31.41 2.57 -2.91	31.14 2.49 -2.73	30.82 2.58 -2.21	34.96 2.96 -4.36	38.98 2.91 -8.85	48.94 3.51 -14.38	58.95 3.43 -24.58	56.44 3.55 -19.77	58.06 3.70 -17.41	58.33 3.50 -17.59	61.36 3.74 -19.01	69.39 4.10 -24.28	66.05 4.31 -18.65	73.49 5.10 -17.33	91.41 5.33 -34.87	81.80 4.80 -25.94	90.23 4.69 -34.48	64.72 4.28 -11.86	64.53 3.30 -23.33	52.67 3.52 -13.61	50.61 3.56 -14.09
PORT_JEFF_IC 23713	51.88 3.28 -19.05	38.16 2.75 -7.01	34.00 2.70 -5.35	31.48 2.65 -2.91	31.20 2.54 -2.73	30.87 2.63 -2.21	35.01 3.01 -4.36	39.04 2.97 -8.85	49.03 3.60 -14.38	59.04 3.53 -24.58	56.53 3.64 -19.77	58.25 3.88 -17.41	58.52 3.69 -17.59	62.71 3.98 -20.13	69.72 4.14 -24.57	66.09 4.35 -18.65	73.60 5.21 -17.33	92.87 5.43 -36.24	83.67 4.90 -27.71	94.91 4.80 -39.05	65.56 4.38 -12.59	65.56 3.49 -24.17	52.82 3.66 -13.61	50.71 3.66 -14.09
PPL PILGRIM_ST_GT1 24216	51.79 3.19 -19.05	38.13 2.73 -7.01	33.92 2.62 -5.35	31.41 2.57 -2.91	31.14 2.49 -2.73	30.82 2.58 -2.21	34.96 2.96 -4.36	38.98 2.91 -8.85	48.91 3.48 -14.38	58.98 3.46 -24.58	56.43 3.55 -19.77	58.21 3.84 -17.41	58.63 3.80 -17.59	55.72 4.01 -13.10	70.66 4.43 -25.22	66.14 4.40 -18.65	73.65 5.26 -17.33	84.39 5.48 -27.70	72.60 4.90 -16.65	66.15 4.69 -10.40	67.39 4.67 -14.13	65.44 3.45 -24.09	52.67 3.52 -13.61	50.54 3.49 -14.09
PPL PILGRIM_ST_GT2 24217	51.79 3.19 -19.05	38.13 2.73 -7.01	33.92 2.62 -5.35	31.41 2.57 -2.91	31.14 2.49 -2.73	30.82 2.58 -2.21	34.96 2.96 -4.36	38.98 2.91 -8.85	48.91 3.48 -14.38	58.98 3.46 -24.58	56.43 3.55 -19.77	58.21 3.84 -17.41	58.63 3.80 -17.59	55.72 4.01 -13.10	70.66 4.43 -25.22	66.14 4.40 -18.65	73.65 5.26 -17.33	84.39 5.48 -27.70	72.60 4.90 -16.65	66.15 4.69 -10.40	67.39 4.67 -14.13	65.44 3.45 -24.09	52.67 3.52 -13.61	50.54 3.49 -14.09
PPL_SHRM_GT3 24213	52.08 3.49 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.69 2.85 -2.91	31.40 2.75 -2.73	31.08 2.84 -2.21	35.26 3.26 -4.36	39.28 3.21 -8.85	49.28 3.85 -14.38	59.35 3.84 -24.58	56.86 3.97 -19.77	58.65 4.28 -17.41	59.00 4.17 -17.59	62.20 4.44 -19.15	70.39 5.04 -24.34	66.95 5.21 -18.65	74.56 6.18 -17.33	92.60 6.35 -35.04	82.94 5.72 -26.17	91.94 5.82 -35.06	66.03 5.44 -12.00	65.32 3.94 -23.47	53.17 4.01 -13.61	51.00 3.95 -14.09
PPL_SHRM_GT4 24214	52.08 3.49 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.69 2.85 -2.91	31.40 2.75 -2.73	31.08 2.84 -2.21	35.26 3.26 -4.36	39.28 3.21 -8.85	49.28 3.85 -14.38	59.35 3.84 -24.58	56.86 3.97 -19.77	58.65 4.28 -17.41	59.00 4.17 -17.59	62.20 4.44 -19.15	70.39 5.04 -24.34	66.95 5.21 -18.65	74.56 6.18 -17.33	92.60 6.35 -35.04	82.94 5.72 -26.17	91.94 5.82 -35.06	66.03 5.44 -12.00	65.32 3.94 -23.47	53.17 4.01 -13.61	51.00 3.95 -14.09
PROJECT____ORANGE 1 24174	29.32 -0.30 -0.06	28.12 -0.31 -0.04	25.83 -0.36 -0.24	25.53 -0.41 -0.02	25.60 -0.39 -0.06	25.75 -0.29 0.00	27.40 -0.25 -0.02	27.23 -0.24 -0.25	31.18 -0.31 -0.44	31.10 -0.28 -0.45	33.12 -0.23 -0.23	36.75 -0.22 -0.02	37.05 -0.26 -0.07	38.64 -0.23 -0.26	40.89 -0.29 -0.17	43.81 -0.26 -0.97	52.61 -0.20 -1.76	52.76 -0.10 -1.65	52.94 -0.15 -2.03	52.59 -0.20 -1.74	50.15 -0.19 -1.75	37.68 -0.23 0.00	35.26 -0.28 0.00	32.61 -0.36 -0.02
PROJECT____ORANGE 2 24166	29.32 -0.30 -0.06	28.12 -0.31 -0.04	25.83 -0.36 -0.24	25.53 -0.41 -0.02	25.60 -0.39 -0.06	25.75 -0.29 0.00	27.40 -0.25 -0.02	27.23 -0.24 -0.25	31.18 -0.31 -0.44	31.10 -0.28 -0.45	33.12 -0.23 -0.23	36.75 -0.22 -0.02	37.05 -0.26 -0.07	38.64 -0.23 -0.26	40.89 -0.29 -0.17	43.81 -0.26 -0.97	52.61 -0.20 -1.76	52.76 -0.10 -1.65	52.94 -0.15 -2.03	52.59 -0.20 -1.74	50.15 -0.19 -1.75	37.68 -0.23 0.00	35.26 -0.28 0.00	32.61 -0.36 -0.02
PUCKETT____SOLAR 323809	30.30 0.53 -0.22	29.14 0.60 -0.15	27.11 0.31 -0.84	26.29 0.31 -0.05	26.42 0.29 -0.21	26.66 0.62 0.00	28.35 0.66 -0.05	30.31 0.49 -2.60	33.10 0.50 -1.56	32.92 0.40 -1.58	34.35 0.43 -0.80	37.68 0.67 -0.06	37.93 0.45 -0.24	40.03 0.50 -0.93	41.65 0.53 -0.11	44.86 0.65 -1.12	54.61 1.02 -2.54	56.62 1.49 -3.93	55.33 1.43 -2.85	55.22 1.63 -2.53	51.25 1.46 -1.20	40.08 1.33 -0.85	36.59 0.99 -0.06	33.90 0.89 -0.05
PYRITES____HYD 24023	29.43 -0.12 0.00	28.37 -0.03 0.00	26.06 0.10 0.00	26.08 0.16 0.00	26.08 0.16 0.00	26.09 0.05 0.00	27.58 -0.06 0.00	27.11 -0.11 0.00	30.93 -0.12 0.00	30.87 -0.06 0.00	32.96 -0.17 0.00	36.73 -0.22 0.00	37.17 -0.07 0.00	38.30 -0.31 0.00	40.64 -0.37 0.00	42.62 -0.47 0.00	50.60 -0.46 0.00	50.44 -0.77 0.00	50.49 -0.56 0.00	50.65 -0.41 0.00	48.84 -0.29 -0.54	38.10 0.19 0.00	35.90 0.36 0.00	33.12 0.16 0.00
QUAKERRD_115KV_BK1 80622	28.86 -0.77 -0.08	27.68 -0.77 -0.06	25.34 -0.93 -0.32	24.81 -1.14 -0.02	24.94 -1.06 -0.08	25.07 -0.96 0.00	26.74 -0.91 -0.02	27.26 -0.79 -0.83	30.77 -0.87 -0.58	30.69 -0.84 -0.59	32.49 -0.93 -0.30	36.02 -0.96 -0.02	36.32 -1.01 -0.09	37.91 -1.04 -0.35	39.94 -1.07 0.00	42.10 -1.21 -0.22	49.96 -1.53 -0.43	50.90 -1.13 -0.81	50.41 -1.12 -0.48	50.17 -1.28 -0.39	47.38 -1.21 0.00	37.02 -1.14 -0.25	34.28 -1.28 -0.02	31.99 -0.99 -0.02

QUENSBRY_I15KV_TB8 356137	32.52 2.07 -0.90	30.97 1.96 -0.62	31.12 1.69 -3.47	27.81 1.66 -0.22	28.45 1.66 -0.86	27.81 1.77 0.00	29.73 1.88 -0.22	46.29 1.93 -17.14	39.82 2.36 -6.40	39.74 2.29 -6.52	38.63 2.22 -3.29	39.72 2.51 -0.25	40.82 2.61 -0.97	44.93 2.51 -3.82	43.47 2.46 0.00	48.13 2.67 -2.37	65.44 3.32 -11.06	76.74 3.38 -22.15	66.96 3.83 -12.07	65.78 4.08 -10.64	52.83 4.13 -0.10	47.84 3.22 -6.72	38.84 2.84 -0.46	35.58 2.41 -0.22
RAMAPO____LBMP 323565	31.73 1.54 -0.65	30.23 1.39 -0.45	29.71 1.25 -2.50	27.33 1.24 -0.16	27.72 1.17 -0.62	27.23 1.20 0.00	29.20 1.41 -0.16	35.35 1.39 -6.75	37.31 1.65 -4.61	37.33 1.70 -4.70	37.35 1.85 -2.37	39.13 2.00 -0.18	39.91 1.97 -0.70	43.56 2.20 -2.75	43.51 2.50 0.00	47.47 2.67 -1.71	57.63 3.22 -3.36	61.27 3.33 -6.73	57.58 2.86 -3.67	56.79 2.50 -3.23	50.91 2.28 -0.03	41.62 1.67 -2.04	37.31 1.63 -0.14	34.80 1.68 -0.16
RANKINE____ 23646	29.52 -0.15 -0.11	28.25 -0.23 -0.08	25.77 -0.62 -0.44	25.31 -0.65 -0.03	25.23 -0.80 -0.11	25.98 -0.05 0.00	27.44 -0.22 -0.03	27.95 -0.46 -1.20	31.31 -0.56 -0.81	31.27 -0.49 -0.83	33.01 -0.53 -0.42	36.62 -0.37 -0.03	36.66 -0.71 -0.12	38.16 -0.93 -0.48	39.98 -1.03 0.00	42.14 -1.25 -0.30	49.56 -1.74 -0.24	51.24 -1.18 -1.20	50.02 -1.28 -0.24	50.35 -1.28 -0.57	47.48 -1.12 -0.01	38.04 -0.23 -0.36	34.96 -0.60 -0.02	32.49 -0.49 -0.03
RAVENSWOOD_GT2_1 24244	32.09 1.86 -0.68	30.48 1.62 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.10 2.05 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT2_2 24245	32.09 1.86 -0.68	30.48 1.62 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.24 2.74 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.10 2.05 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT2_3 24246	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.49 1.46 0.00	29.60 1.80 -0.17	36.03 1.72 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.62 2.48 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.72 4.13 -3.54	62.59 4.30 -7.08	58.59 3.68 -3.86	57.73 3.27 -3.40	51.54 2.92 -0.03	42.14 2.08 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT2_4 24247	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.49 1.46 0.00	29.60 1.80 -0.17	36.03 1.72 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.62 2.48 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.72 4.13 -3.54	62.59 4.30 -7.08	58.59 3.68 -3.86	57.73 3.27 -3.40	51.54 2.92 -0.03	42.14 2.08 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT3_1 24248	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.10 2.05 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT3_2 24249	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.10 2.05 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT3_3 24250	32.12 1.89 -0.68	30.57 1.70 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.47 2.50 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.65 4.35 -7.08	58.69 3.78 -3.86	57.78 3.32 -3.40	51.64 3.01 -0.03	42.10 2.05 -2.15	37.78 2.10 -0.15	35.23 2.11 -0.17
RAVENSWOOD_GT3_4 24251	32.12 1.89 -0.68	30.54 1.67 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.62 1.82 -0.17	36.06 1.74 -7.09	37.99 2.08 -4.85	38.01 2.13 -4.94	37.87 2.25 -2.49	39.66 2.51 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.17 3.16 0.00	48.29 3.40 -1.79	58.78 4.19 -3.54	62.64 4.35 -7.08	58.69 3.78 -3.86	57.77 3.32 -3.40	51.64 3.01 -0.03	42.18 2.12 -2.15	37.78 2.10 -0.15	35.13 2.01 -0.17
RAVENSWOOD_GT_1 23729	32.18 1.95 -0.68	30.54 1.67 -0.47	30.22 1.64 -2.63	27.70 1.61 -0.17	28.03 1.45 -0.65	27.52 1.48 0.00	29.62 1.82 -0.17	36.03 1.72 -7.09	37.99 2.08 -4.85	37.98 2.10 -4.94	37.87 2.25 -2.49	39.62 2.48 -0.19	40.47 2.50 -0.74	44.32 2.82 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.88 4.29 -3.54	62.74 4.45 -7.08	58.75 3.83 -3.86	57.73 3.27 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
RAVENSWOOD_GT_10 24258	32.09 1.86 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.68 4.08 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.20 2.08 -0.17
RAVENSWOOD_GT_11 24259	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.72 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.14 2.08 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD_GT_4 24252	32.06 1.83 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.17 2.04 -0.17



RAVENSWOOD_GT_5 24254	32.06 1.83 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.17 2.04 -0.17
RAVENSWOOD_GT_6 24253	32.06 1.83 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.17 2.04 -0.17
RAVENSWOOD_GT_7 24255	32.06 1.83 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.63 4.03 -3.54	62.49 4.20 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.17 2.04 -0.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.09 1.86 -0.68	30.51 1.65 -0.47	30.12 1.53 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.71 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.25 3.36 -1.79	58.68 4.08 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.67 3.22 -3.40	51.54 2.92 -0.03	42.06 2.01 -2.15	37.71 2.03 -0.15	35.20 2.08 -0.17
RAVENSWOOD_GT_9 24257	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.60 1.50 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.72 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.14 2.08 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD___1 23533	32.18 1.95 -0.68	30.54 1.67 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.03 1.45 -0.65	27.49 1.46 0.00	29.62 1.82 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.32 2.82 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.02 1.97 -2.15	37.71 2.02 -0.15	35.17 2.04 -0.17
RAVENSWOOD___2 23534	32.15 1.92 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.68 3.22 -3.40	51.49 2.87 -0.03	42.02 1.97 -2.15	37.71 2.02 -0.15	35.17 2.04 -0.17
RAVENSWOOD___3 23535	32.09 1.86 -0.68	30.51 1.65 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	27.98 1.40 -0.65	27.49 1.46 0.00	29.57 1.77 -0.17	36.03 1.72 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.80 2.19 -2.49	39.58 2.44 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.20 3.32 -1.79	58.68 4.09 -3.54	62.54 4.25 -7.08	58.59 3.68 -3.86	57.68 3.22 -3.40	51.54 2.92 -0.03	42.14 2.08 -2.15	37.71 2.02 -0.15	35.10 1.98 -0.17
RAVENSWOOD___4 23820	32.15 1.92 -0.68	30.51 1.65 -0.47	30.20 1.61 -2.63	27.65 1.56 -0.17	28.01 1.43 -0.65	27.47 1.43 0.00	29.60 1.80 -0.17	36.00 1.69 -7.09	37.96 2.05 -4.85	37.95 2.07 -4.94	37.83 2.22 -2.49	39.58 2.44 -0.19	40.40 2.42 -0.74	44.28 2.78 -2.89	44.08 3.08 0.00	48.25 3.36 -1.79	58.78 4.19 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.68 3.22 -3.40	51.49 2.87 -0.03	42.02 1.97 -2.15	37.68 1.99 -0.15	35.17 2.04 -0.17
RCPL_TRUST___DRP 24196	32.09 1.86 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.51 2.53 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.59 4.30 -7.08	58.64 3.73 -3.86	57.78 3.32 -3.40	51.59 2.96 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
RED___ROCHESTER 323720	29.99 0.36 -0.08	28.65 0.20 -0.06	26.23 -0.05 -0.32	25.72 -0.23 -0.02	25.83 -0.18 -0.08	26.06 0.03 0.00	27.63 -0.03 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.79 0.25 -0.61	33.66 0.23 -0.31	37.16 0.19 -0.02	37.63 0.30 -0.09	39.19 0.23 -0.36	41.42 0.41 0.00	43.70 0.39 -0.22	51.75 0.26 -0.44	52.81 0.77 -0.83	52.10 0.56 -0.48	52.17 0.71 -0.40	49.13 0.54 0.00	38.46 0.30 -0.25	35.45 -0.11 -0.02	33.24 0.26 -0.02
REGAN___SOLAR 323812	33.56 2.98 -1.02	32.45 3.35 -0.71	32.41 2.49 -3.96	28.62 2.44 -0.25	29.40 2.49 -0.98	28.74 2.71 0.00	30.70 2.82 -0.25	46.74 2.75 -16.77	41.61 3.26 -7.30	41.92 3.56 -7.43	40.65 3.77 -3.75	41.30 4.07 -0.28	42.41 4.06 -1.11	47.17 4.21 -4.35	45.72 4.71 0.00	51.13 5.34 -2.70	68.18 6.79 -10.34	79.39 7.48 -20.70	68.77 6.43 -11.28	67.54 6.54 -9.95	54.76 6.07 -0.10	49.04 4.85 -6.28	40.02 4.05 -0.43	36.80 3.59 -0.25
RENSSELAER___COGEN 23796	31.71 1.30 -0.86	30.18 1.19 -0.60	30.36 1.06 -3.34	27.26 1.11 -0.21	27.87 1.11 -0.83	27.18 1.14 0.00	29.06 1.21 -0.21	41.03 1.14 -12.67	38.36 1.15 -6.16	38.35 1.15 -6.27	37.48 1.19 -3.16	38.63 1.44 -0.24	39.55 1.38 -0.93	43.63 1.35 -3.67	42.44 1.43 0.00	46.92 1.55 -2.28	60.35 1.79 -7.50	68.03 1.79 -15.03	60.88 1.63 -8.19	59.86 1.58 -7.22	50.17 1.51 -0.07	43.64 1.18 -4.56	37.09 1.24 -0.31	34.42 1.25 -0.21
REPUBLIC_115KV_BARTNBRK 55605	33.99 3.55 -0.90	32.39 3.38 -0.62	32.33 2.91 -3.47	28.98 2.83 -0.22	29.67 2.88 -0.86	29.13 3.10 0.00	31.14 3.29 -0.22	47.71 3.40 -17.09	41.71 4.25 -6.40	41.59 4.15 -6.51	40.62 4.21 -3.29	42.12 4.92 -0.25	43.09 4.88 -0.97	47.40 4.98 -3.81	46.09 5.08 0.00	50.84 5.39 -2.37	68.82 6.74 -11.03	79.79 6.50 -22.08	69.98 6.89 -12.03	68.81 7.15 -10.61	55.79 7.09 -0.10	50.48 5.88 -6.69	40.97 4.98 -0.45	37.26 4.09 -0.22
REVERE_CPPR_DRP 24186	30.18 0.59 -0.03	28.99 0.57 -0.02	26.53 0.44 -0.13	26.35 0.41 -0.01	26.40 0.44 -0.03	26.61 0.57 0.00	28.31 0.66 -0.01	28.09 0.73 -0.14	32.13 0.84 -0.24	32.01 0.84 -0.24	34.21 0.96 -0.12	38.11 1.15 -0.01	38.43 1.15 -0.04	40.06 1.31 -0.14	42.40 1.31 -0.08	44.85 1.29 -0.47	53.92 2.04 -0.82	54.33 2.30 -0.81	54.40 2.35 -1.00	54.26 2.35 -0.85	51.57 2.14 -0.84	39.58 1.67 0.00	36.89 1.35 0.00	33.82 0.86 -0.01

REYNOLDS_115KV_TB3 80639	31.89 1.48 -0.86	30.41 1.42 -0.60	30.55 1.25 -3.35	27.41 1.27 -0.21	28.00 1.24 -0.83	27.34 1.30 0.00	29.23 1.38 -0.21	41.75 1.33 -13.20	38.68 1.46 -6.17	38.64 1.42 -6.28	37.81 1.52 -3.17	38.97 1.77 -0.24	39.93 1.75 -0.94	43.98 1.70 -3.68	42.85 1.85 0.00	47.31 1.94 -2.28	61.19 2.20 -7.94	69.30 2.20 -15.89	61.81 2.09 -8.66	60.68 1.99 -7.63	50.61 1.94 -0.08	44.28 1.55 -4.82	37.43 1.56 -0.33	34.72 1.55 -0.21
RIVERBAY____ 323610	32.60 2.36 -0.69	30.88 2.02 -0.47	30.56 1.97 -2.63	28.04 1.94 -0.17	28.34 1.76 -0.65	27.81 1.77 0.00	29.85 2.04 -0.17	36.16 1.85 -7.10	38.14 2.24 -4.85	38.35 2.47 -4.94	38.20 2.58 -2.49	39.95 2.81 -0.19	40.84 2.87 -0.74	44.78 3.28 -2.89	44.78 3.77 0.00	49.02 4.14 -1.79	59.80 5.21 -3.54	63.77 5.48 -7.08	59.36 4.44 -3.86	58.03 3.57 -3.40	51.93 3.30 -0.03	42.22 2.16 -2.15	38.14 2.45 -0.15	35.74 2.60 -0.18
RIVERSDE_115KV_TB3 55908	31.87 1.45 -0.87	30.36 1.36 -0.60	30.53 1.22 -3.36	27.39 1.24 -0.21	27.98 1.22 -0.83	27.31 1.28 0.00	29.20 1.35 -0.21	41.87 1.31 -13.34	38.61 1.37 -6.19	38.56 1.33 -6.30	37.73 1.42 -3.18	38.86 1.66 -0.24	39.85 1.68 -0.94	43.92 1.62 -3.69	42.73 1.72 0.00	47.23 1.85 -2.29	61.24 2.14 -8.04	69.46 2.15 -16.10	61.82 1.99 -8.78	60.73 1.94 -7.74	50.51 1.85 -0.08	44.23 1.44 -4.88	37.33 1.46 -0.33	34.62 1.45 -0.21
ROARING____BROOK_WT_PWR 323790	29.31 -0.24 0.00	28.17 -0.23 0.00	25.77 -0.18 0.00	25.75 -0.18 0.00	25.77 -0.15 0.00	25.85 -0.18 0.00	27.44 -0.19 0.00	27.03 -0.19 0.00	30.87 -0.19 0.00	30.75 -0.18 0.00	32.92 -0.20 0.00	36.70 -0.26 0.00	36.98 -0.26 0.00	38.34 -0.27 0.00	40.72 -0.29 0.00	42.75 -0.35 0.00	50.64 -0.41 0.00	50.80 -0.41 0.00	50.70 -0.35 0.00	50.70 -0.35 0.00	48.30 -0.29 0.00	37.68 -0.23 0.00	35.36 -0.18 0.00	32.76 -0.20 0.00
ROCHESRG_115KV_T4 355643	29.66 0.03 -0.08	28.42 -0.03 -0.06	25.99 -0.29 -0.32	25.43 -0.52 -0.02	25.57 -0.44 -0.08	25.72 -0.31 0.00	27.41 -0.25 -0.02	27.89 -0.16 -0.84	31.46 -0.19 -0.59	31.35 -0.19 -0.60	33.23 -0.20 -0.30	36.83 -0.15 -0.02	37.11 -0.22 -0.09	38.65 -0.31 -0.35	40.72 -0.29 0.00	42.92 -0.39 -0.22	50.79 -0.71 -0.45	51.83 -0.20 -0.82	51.34 -0.20 -0.49	51.14 -0.31 -0.40	48.40 -0.19 0.00	37.82 -0.34 -0.25	34.99 -0.57 -0.02	32.71 -0.26 -0.02
ROCHESTER_9_IC 23652	29.84 0.21 -0.08	28.59 0.14 -0.06	26.15 -0.13 -0.32	25.56 -0.39 -0.02	25.70 -0.31 -0.08	25.88 -0.16 0.00	27.57 -0.08 -0.02	28.09 0.03 -0.85	31.68 0.03 -0.60	31.57 0.03 -0.61	33.43 0.00 -0.31	37.09 0.11 -0.02	37.37 0.04 -0.09	38.96 0.00 -0.36	41.05 0.04 0.00	43.27 -0.04 -0.22	51.24 -0.26 -0.44	52.25 0.20 -0.83	51.79 0.26 -0.48	51.61 0.15 -0.40	48.79 0.19 0.00	38.12 -0.04 -0.25	35.27 -0.28 -0.02	32.94 -0.03 -0.02
ROCKVIEW_13_KV_LD 356306	32.15 1.92 -0.68	30.62 1.76 -0.47	30.20 1.61 -2.63	27.68 1.58 -0.17	28.06 1.48 -0.65	27.57 1.54 0.00	29.60 1.80 -0.17	36.08 1.77 -7.10	38.02 2.11 -4.85	38.04 2.17 -4.94	37.97 2.35 -2.49	39.73 2.59 -0.19	40.55 2.57 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.29 3.40 -1.79	58.73 4.14 -3.54	62.59 4.30 -7.08	58.69 3.78 -3.86	57.83 3.37 -3.40	51.73 3.11 -0.03	42.25 2.20 -2.15	37.85 2.17 -0.15	35.27 2.14 -0.17
ROME____115KV_TB2 80656	30.18 0.59 -0.03	28.99 0.57 -0.02	26.53 0.44 -0.13	26.35 0.41 -0.01	26.40 0.44 -0.03	26.61 0.57 0.00	28.31 0.66 -0.01	28.09 0.73 -0.14	32.13 0.84 -0.24	32.01 0.84 -0.24	34.21 0.96 -0.12	38.11 1.15 -0.01	38.43 1.15 -0.04	40.06 1.31 -0.14	42.40 1.31 -0.08	44.85 1.29 -0.47	53.92 2.04 -0.82	54.33 2.30 -0.81	54.40 2.35 -1.00	54.26 2.35 -0.85	51.57 2.14 -0.84	39.58 1.67 0.00	36.89 1.35 0.00	33.82 0.86 -0.01
ROSETON____1 23587	31.80 1.57 -0.68	30.28 1.42 -0.47	29.88 1.30 -2.63	27.39 1.30 -0.17	27.80 1.22 -0.65	27.28 1.25 0.00	29.26 1.46 -0.17	35.73 1.44 -7.07	37.58 1.68 -4.85	37.57 1.70 -4.94	37.47 1.85 -2.49	39.17 2.03 -0.19	39.99 2.01 -0.74	43.74 2.24 -2.89	43.47 2.46 0.00	47.52 2.63 -1.79	57.74 3.17 -3.52	61.53 3.28 -7.04	57.75 2.86 -3.84	57.04 2.60 -3.38	51.01 2.38 -0.03	41.86 1.82 -2.14	37.43 1.74 -0.14	34.84 1.71 -0.17
ROSETON____2 23588	31.80 1.57 -0.68	30.28 1.42 -0.47	29.88 1.30 -2.63	27.39 1.30 -0.17	27.80 1.22 -0.65	27.28 1.25 0.00	29.26 1.46 -0.17	35.73 1.44 -7.07	37.58 1.68 -4.85	37.57 1.70 -4.94	37.47 1.85 -2.49	39.17 2.03 -0.19	39.99 2.01 -0.74	43.74 2.24 -2.89	43.47 2.46 0.00	47.52 2.63 -1.79	57.74 3.17 -3.52	61.53 3.28 -7.04	57.75 2.86 -3.84	57.04 2.60 -3.38	51.01 2.38 -0.03	41.86 1.82 -2.14	37.43 1.74 -0.14	34.84 1.71 -0.17
ROTTSDAM_115KV_TB3 80664	31.88 1.42 -0.91	30.38 1.36 -0.63	30.67 1.19 -3.52	27.32 1.17 -0.22	27.97 1.17 -0.87	27.26 1.22 0.00	29.18 1.33 -0.22	46.44 1.31 -17.92	39.09 1.55 -6.48	39.08 1.55 -6.60	38.11 1.66 -3.33	39.05 1.85 -0.25	40.09 1.86 -0.98	44.36 1.89 -3.87	43.02 2.01 0.00	47.64 2.15 -2.40	65.28 2.55 -11.67	77.18 2.61 -23.36	66.29 2.50 -12.73	64.78 2.50 -11.23	51.08 2.38 -0.11	46.85 1.86 -7.08	37.76 1.74 -0.48	34.79 1.61 -0.22
RUSSELL____1 23602	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02
RUSSELL____2 23532	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02
RUSSELL____3 23549	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02
RUSSELL____4 23556	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02

RUSSELL___STATION 23914	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02
S SALMON___HYD 24043	29.10 -0.50 -0.05	27.92 -0.51 -0.03	25.63 -0.52 -0.19	25.40 -0.55 -0.01	25.43 -0.55 -0.05	25.62 -0.42 0.00	27.20 -0.44 -0.01	26.99 -0.44 -0.21	30.86 -0.56 -0.36	30.75 -0.56 -0.37	32.61 -0.70 -0.19	36.23 -0.74 -0.01	36.55 -0.74 -0.06	38.13 -0.69 -0.22	40.62 -0.78 -0.39	44.27 -0.86 -2.04	54.44 -0.76 -4.15	54.43 -0.56 -3.79	55.26 -0.46 -4.66	54.68 -0.35 -3.98	52.15 -0.44 -3.99	37.64 -0.26 0.00	35.19 -0.36 0.00	32.48 -0.49 -0.01
S.PERRY___115KV_TB1 80734	29.82 0.15 -0.12	28.59 0.11 -0.08	26.23 -0.18 -0.45	25.62 -0.34 -0.03	25.68 -0.36 -0.11	26.11 0.08 0.00	27.66 0.00 -0.03	28.29 -0.16 -1.24	31.55 -0.34 -0.84	31.14 -0.65 -0.85	32.95 -0.60 -0.43	36.36 -0.63 -0.03	36.62 -0.74 -0.13	38.22 -0.89 -0.50	40.11 -0.90 0.00	42.88 -0.52 -0.31	50.91 -0.66 -0.52	52.30 -0.15 -1.25	51.51 -0.10 -0.56	51.91 0.26 -0.60	49.03 0.44 -0.01	38.74 0.45 -0.38	35.71 0.14 -0.03	33.12 0.13 -0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.48 -0.18 -0.11	28.21 -0.26 -0.08	25.73 -0.65 -0.42	25.18 -0.78 -0.03	25.20 -0.83 -0.10	25.72 -0.31 0.00	27.25 -0.41 -0.03	27.77 -0.60 -1.15	31.15 -0.68 -0.78	31.08 -0.65 -0.80	32.83 -0.70 -0.40	36.39 -0.59 -0.03	36.43 -0.93 -0.12	37.91 -1.16 -0.47	39.74 -1.27 0.00	41.87 -1.51 -0.29	49.09 -2.14 -0.18	50.82 -1.54 -1.15	49.58 -1.63 -0.16	50.07 -1.53 -0.55	47.24 -1.36 -0.01	37.57 -0.68 -0.35	34.57 -1.00 -0.02	32.32 -0.66 -0.03
SAWYER___23_KV_LOAD 55526	29.48 -0.18 -0.11	28.21 -0.26 -0.08	25.73 -0.65 -0.42	25.18 -0.78 -0.03	25.20 -0.83 -0.10	25.72 -0.31 0.00	27.25 -0.41 -0.03	27.77 -0.60 -1.15	31.15 -0.68 -0.78	31.08 -0.65 -0.80	32.83 -0.70 -0.40	36.39 -0.59 -0.03	36.43 -0.93 -0.12	37.91 -1.16 -0.47	39.74 -1.27 0.00	41.87 -1.51 -0.29	49.09 -2.14 -0.18	50.82 -1.54 -1.15	49.58 -1.63 -0.16	50.07 -1.53 -0.55	47.24 -1.36 -0.01	37.57 -0.68 -0.35	34.57 -1.00 -0.02	32.32 -0.66 -0.03
SELKIRK___I 23801	31.88 1.48 -0.85	30.40 1.42 -0.59	30.48 1.25 -3.28	27.41 1.27 -0.21	28.01 1.27 -0.81	27.34 1.30 0.00	29.22 1.38 -0.21	39.80 1.31 -11.28	38.51 1.40 -6.05	38.49 1.39 -6.16	37.72 1.49 -3.11	38.89 1.70 -0.23	39.84 1.68 -0.92	43.87 1.66 -3.61	42.77 1.76 0.00	47.18 1.85 -2.24	59.61 2.14 -6.41	66.24 2.20 -12.83	60.14 2.09 -6.99	59.31 2.09 -6.16	50.65 1.99 -0.06	43.39 1.59 -3.89	37.41 1.60 -0.26	34.68 1.52 -0.21
SELKIRK___II 23799	31.68 1.27 -0.86	30.21 1.22 -0.59	30.34 1.06 -3.32	27.25 1.11 -0.21	27.84 1.09 -0.82	27.15 1.12 0.00	29.06 1.21 -0.21	40.02 1.14 -11.66	38.39 1.21 -6.13	38.38 1.21 -6.24	37.56 1.29 -3.15	38.67 1.48 -0.24	39.62 1.45 -0.93	43.69 1.43 -3.65	42.57 1.56 0.00	47.00 1.64 -2.27	59.63 1.89 -6.68	66.54 1.95 -13.38	60.09 1.74 -7.29	59.22 1.74 -6.43	50.31 1.65 -0.06	43.25 1.29 -4.06	37.13 1.32 -0.27	34.45 1.28 -0.21
SENECA OSWGO___HYD 24041	29.01 -0.59 -0.05	27.86 -0.57 -0.04	25.54 -0.62 -0.21	25.30 -0.65 -0.01	25.33 -0.65 -0.05	25.51 -0.52 0.00	27.09 -0.55 -0.01	26.93 -0.52 -0.23	30.83 -0.62 -0.39	30.75 -0.59 -0.40	32.69 -0.63 -0.20	36.27 -0.70 -0.02	36.56 -0.74 -0.06	38.11 -0.73 -0.23	40.75 -0.78 -0.52	45.02 -0.77 -2.70	55.85 -0.76 -5.56	55.83 -0.61 -5.23	56.74 -0.76 -6.45	55.90 -0.67 -5.51	53.43 -0.73 -5.57	37.30 -0.61 0.00	34.90 -0.64 0.00	32.34 -0.63 -0.01
SENECA___115KV_TB3 355854	29.55 -0.12 -0.11	28.27 -0.20 -0.08	25.80 -0.60 -0.44	25.33 -0.62 -0.03	25.29 -0.75 -0.11	26.01 -0.03 0.00	27.47 -0.19 -0.03	27.98 -0.44 -1.20	31.37 -0.50 -0.81	31.30 -0.46 -0.83	33.08 -0.46 -0.42	36.69 -0.30 -0.03	36.73 -0.63 -0.12	38.24 -0.85 -0.48	40.06 -0.94 0.00	42.23 -1.16 -0.30	49.67 -1.63 -0.24	51.34 -1.08 -1.20	50.07 -1.23 -0.24	50.46 -1.17 -0.57	47.58 -1.02 -0.01	38.08 -0.19 -0.36	35.00 -0.57 -0.02	32.52 -0.46 -0.03
SENECA___ENERGY 23797	29.52 -0.12 -0.09	28.31 -0.14 -0.06	25.96 -0.34 -0.34	25.59 -0.36 -0.02	25.65 -0.36 -0.08	25.98 -0.05 0.00	27.63 -0.03 -0.02	28.09 -0.03 -0.90	31.65 -0.03 -0.62	31.57 0.00 -0.63	33.48 0.03 -0.32	37.05 0.07 -0.02	37.26 -0.07 -0.09	38.90 -0.08 -0.37	41.24 0.00 -0.23	44.48 0.04 -1.34	54.13 0.21 -2.87	54.96 0.56 -3.18	54.72 0.36 -3.31	54.30 0.41 -2.84	51.32 0.29 -2.43	38.41 0.23 -0.27	35.60 0.04 -0.02	33.04 0.07 -0.02
SHOEMAKER___GT 23640	31.55 1.39 -0.61	30.03 1.22 -0.42	29.44 1.14 -2.34	27.19 1.11 -0.15	27.57 1.06 -0.58	27.13 1.09 0.00	29.05 1.27 -0.15	34.76 1.23 -6.31	36.80 1.43 -4.32	36.72 1.39 -4.39	36.83 1.49 -2.22	38.79 1.66 -0.17	39.53 1.64 -0.65	42.99 1.81 -2.57	43.02 2.01 0.00	46.88 2.20 -1.60	56.81 2.60 -3.15	60.28 2.76 -6.30	56.89 2.40 -3.44	56.38 2.30 -3.03	50.76 2.14 -0.03	41.45 1.63 -1.91	37.20 1.53 -0.13	34.59 1.48 -0.15
SHOEMAKR_138KV_BK 111 55601	31.51 1.36 -0.60	30.06 1.25 -0.41	29.39 1.12 -2.32	27.17 1.09 -0.15	27.54 1.04 -0.57	27.08 1.04 0.00	29.02 1.24 -0.15	34.67 1.20 -6.26	36.73 1.40 -4.28	36.71 1.42 -4.35	36.84 1.52 -2.20	38.78 1.66 -0.16	39.57 1.68 -0.65	43.01 1.85 -2.55	43.06 2.05 0.00	46.87 2.20 -1.58	56.78 2.60 -3.12	60.22 2.77 -6.24	56.86 2.40 -3.40	56.30 2.25 -3.00	50.71 2.09 -0.03	41.32 1.52 -1.89	37.16 1.49 -0.13	34.59 1.48 -0.15
SHOREHAM_IC_1 23715	52.08 3.49 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.69 2.85 -2.91	31.40 2.75 -2.73	31.08 2.84 -2.21	35.26 3.26 -4.36	39.28 3.21 -8.85	49.28 3.85 -14.38	59.35 3.84 -24.58	56.86 3.97 -19.77	58.65 4.28 -17.41	59.00 4.17 -17.59	62.20 4.44 -19.15	70.39 5.04 -24.34	66.95 5.21 -18.65	74.56 6.18 -17.33	92.60 6.35 -35.04	82.94 5.72 -26.17	91.94 5.82 -35.06	66.03 5.44 -12.00	65.32 3.94 -23.47	53.17 4.01 -13.61	51.00 3.95 -14.09
SHOREHAM_IC_2 23716	52.08 3.49 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.69 2.85 -2.91	31.40 2.75 -2.73	31.08 2.84 -2.21	35.26 3.26 -4.36	39.28 3.21 -8.85	49.28 3.85 -14.38	59.35 3.84 -24.58	56.86 3.97 -19.77	58.65 4.28 -17.41	59.00 4.17 -17.59	62.20 4.44 -19.15	70.39 5.04 -24.34	66.95 5.21 -18.65	74.56 6.18 -17.33	92.60 6.35 -35.04	82.94 5.72 -26.17	91.94 5.82 -35.06	66.03 5.44 -12.00	65.32 3.94 -23.47	53.17 4.01 -13.61	51.00 3.95 -14.09
SISSONVILLE___ 23735	29.11 -0.44 0.00	28.05 -0.34 0.00	25.75 -0.21 0.00	25.77 -0.16 0.00	25.75 -0.18 0.00	25.77 -0.26 0.00	27.19 -0.44 0.00	26.65 -0.57 0.00	30.40 -0.65 0.00	30.29 -0.65 0.00	32.36 -0.76 0.00	35.96 -1.00 0.00	36.38 -0.86 0.00	37.45 -1.16 0.00	39.78 -1.23 0.00	41.71 -1.38 0.00	49.37 -1.68 0.00	49.76 -1.89 -0.44	49.97 -1.63 -0.55	50.09 -1.43 -0.47	47.87 -1.31 -0.59	37.38 -0.53 0.00	35.29 -0.25 0.00	32.73 -0.23 0.00

SITHE_IND_GS1 24169	28.68 -0.92 -0.04	27.51 -0.91 -0.03	25.24 -0.88 -0.17	25.01 -0.93 -0.01	25.06 -0.91 -0.04	25.20 -0.83 0.00	26.76 -0.89 -0.01	26.58 -0.82 -0.18	30.40 -0.96 -0.31	30.29 -0.96 -0.31	32.25 -1.03 -0.16	35.82 -1.15 -0.01	36.13 -1.15 -0.05	37.59 -1.20 -0.18	38.24 -1.27 1.49	34.58 -1.34 7.17	33.67 -1.53 15.85	34.77 -1.38 15.06	31.02 -1.48 18.55	33.79 -1.43 15.84	31.13 -1.41 16.05	36.77 -1.14 0.00	34.40 -1.14 0.00	31.95 -1.02 -0.01
SITHE_IND_GS2 24170	28.68 -0.92 -0.04	27.51 -0.91 -0.03	25.24 -0.88 -0.17	25.01 -0.93 -0.01	25.06 -0.91 -0.04	25.20 -0.83 0.00	26.76 -0.89 -0.01	26.58 -0.82 -0.18	30.40 -0.96 -0.31	30.29 -0.96 -0.31	32.25 -1.03 -0.16	35.82 -1.15 -0.01	36.13 -1.15 -0.05	37.59 -1.20 -0.18	38.24 -1.27 1.49	34.58 -1.34 7.17	33.67 -1.53 15.85	34.77 -1.38 15.06	31.02 -1.48 18.55	33.79 -1.43 15.84	31.13 -1.41 16.05	36.77 -1.14 0.00	34.40 -1.14 0.00	31.95 -1.02 -0.01
SITHE_IND_GS3 24171	28.68 -0.92 -0.04	27.51 -0.91 -0.03	25.24 -0.88 -0.17	25.01 -0.93 -0.01	25.06 -0.91 -0.04	25.20 -0.83 0.00	26.76 -0.89 -0.01	26.58 -0.82 -0.18	30.40 -0.96 -0.31	30.29 -0.96 -0.31	32.25 -1.03 -0.16	35.82 -1.15 -0.01	36.13 -1.15 -0.05	37.59 -1.20 -0.18	38.24 -1.27 1.49	34.58 -1.34 7.17	33.67 -1.53 15.85	34.77 -1.38 15.06	31.02 -1.48 18.55	33.79 -1.43 15.84	31.13 -1.41 16.05	36.77 -1.14 0.00	34.40 -1.14 0.00	31.95 -1.02 -0.01
SITHE_IND_GS4 24172	28.68 -0.92 -0.04	27.51 -0.91 -0.03	25.24 -0.88 -0.17	25.01 -0.93 -0.01	25.06 -0.91 -0.04	25.20 -0.83 0.00	26.76 -0.89 -0.01	26.58 -0.82 -0.18	30.40 -0.96 -0.31	30.29 -0.96 -0.31	32.25 -1.03 -0.16	35.82 -1.15 -0.01	36.13 -1.15 -0.05	37.59 -1.20 -0.18	38.24 -1.27 1.49	34.58 -1.34 7.17	33.67 -1.53 15.85	34.77 -1.38 15.06	31.02 -1.48 18.55	33.79 -1.43 15.84	31.13 -1.41 16.05	36.77 -1.14 0.00	34.40 -1.14 0.00	31.95 -1.02 -0.01
SITHE___BATAVIA 24024	30.06 0.41 -0.10	28.86 0.40 -0.07	26.17 -0.15 -0.37	25.67 -0.28 -0.02	25.71 -0.31 -0.09	26.32 0.29 0.00	27.74 0.08 -0.02	28.33 0.11 -1.00	31.81 0.06 -0.69	31.82 0.19 -0.70	33.61 0.13 -0.35	37.24 0.26 -0.03	37.38 0.04 -0.10	38.71 -0.31 -0.41	40.84 -0.16 0.00	43.09 -0.26 -0.25	50.66 -0.67 -0.27	52.20 0.00 -0.99	50.98 -0.35 -0.28	51.63 0.10 -0.48	48.55 -0.05 0.00	38.36 0.15 -0.30	35.21 -0.36 -0.02	33.28 0.30 -0.02
SITHE___INDEPEND 23800	28.68 -0.92 -0.04	27.52 -0.91 -0.03	25.24 -0.88 -0.17	25.01 -0.93 -0.01	25.06 -0.91 -0.04	25.18 -0.86 0.00	26.76 -0.88 -0.01	26.58 -0.82 -0.18	30.40 -0.96 -0.31	30.29 -0.96 -0.31	32.25 -1.03 -0.16	35.82 -1.15 -0.01	36.13 -1.15 -0.05	37.59 -1.20 -0.18	38.24 -1.27 1.49	34.58 -1.34 7.17	33.67 -1.53 15.85	34.72 -1.43 15.06	31.02 -1.48 18.55	33.73 -1.48 15.84	31.13 -1.41 16.05	36.77 -1.14 0.00	34.44 -1.10 0.00	31.91 -1.05 -0.01
SITHE___MASSENA 23902	29.35 -0.21 0.00	28.28 -0.11 0.00	25.95 0.00 0.00	25.95 0.03 0.00	25.93 0.00 0.00	25.91 -0.13 0.00	27.41 -0.22 0.00	27.00 -0.22 0.00	30.80 -0.25 0.00	30.72 -0.22 0.00	32.82 -0.30 0.00	36.59 -0.37 0.00	36.98 -0.26 0.00	38.18 -0.42 0.00	40.47 -0.53 0.00	42.45 -0.65 0.00	50.29 -0.76 0.00	50.24 -0.97 0.00	50.29 -0.76 0.00	50.34 -0.71 0.00	48.06 -0.53 0.00	37.49 -0.42 0.00	35.43 -0.11 0.00	32.83 -0.13 0.00
SITHE___OGDNSBRG 24021	29.46 -0.09 0.00	28.39 0.00 0.00	26.08 0.13 0.00	26.14 0.21 0.00	26.11 0.18 0.00	26.11 0.08 0.00	27.61 -0.03 0.00	27.19 -0.03 0.00	30.99 -0.06 0.00	30.84 -0.09 0.00	32.96 -0.17 0.00	36.73 -0.22 0.00	37.17 -0.07 0.00	38.30 -0.31 0.00	40.68 -0.33 0.00	42.66 -0.43 0.00	50.70 -0.36 0.00	50.55 -0.67 0.00	50.65 -0.41 0.00	50.85 -0.20 0.00	48.45 -0.15 0.00	38.17 0.27 0.00	35.90 0.36 0.00	33.12 0.16 0.00
SITHE___STERLING 23777	30.03 0.44 -0.04	28.96 0.54 -0.03	26.42 0.31 -0.16	26.22 0.29 -0.01	26.28 0.31 -0.04	26.48 0.44 0.00	28.17 0.52 -0.01	27.95 0.57 -0.16	31.99 0.65 -0.28	31.87 0.65 -0.29	34.03 0.76 -0.14	37.89 0.92 -0.01	38.18 0.89 -0.04	39.78 1.00 -0.17	42.12 1.03 -0.09	44.65 1.03 -0.53	53.62 1.63 -0.93	54.00 1.90 -0.90	53.94 1.79 -1.10	53.83 1.84 -0.94	51.13 1.60 -0.94	39.20 1.29 0.00	36.57 1.03 0.00	33.66 0.69 -0.01
SLEIGHT__34_KV_TB1 80719	30.05 0.41 -0.08	28.82 0.37 -0.06	26.48 0.21 -0.32	26.05 0.10 -0.02	26.14 0.13 -0.08	26.43 0.39 0.00	28.18 0.53 -0.02	28.66 0.60 -0.84	32.35 0.71 -0.59	32.34 0.80 -0.60	34.38 0.96 -0.30	38.12 1.15 -0.02	38.41 1.08 -0.09	40.11 1.16 -0.35	42.47 1.27 -0.19	45.60 1.38 -1.13	55.25 1.79 -2.40	56.01 2.10 -2.70	55.80 1.99 -2.76	55.26 1.84 -2.37	52.28 1.70 -1.99	39.30 1.14 -0.25	36.45 0.89 -0.02	33.60 0.63 -0.02
SOUTH CAIRO___GT 23612	32.43 2.07 -0.81	31.06 2.10 -0.56	30.78 1.69 -3.14	27.94 1.81 -0.20	28.39 1.68 -0.78	27.86 1.82 0.00	29.82 1.99 -0.20	39.76 1.85 -10.70	38.84 1.99 -5.80	38.66 1.82 -5.90	37.92 1.82 -2.98	39.43 2.25 -0.22	40.24 2.12 -0.88	44.11 2.04 -3.46	43.34 2.34 0.00	47.73 2.50 -2.14	59.96 2.86 -6.05	66.45 3.12 -12.11	60.82 3.17 -6.60	60.15 3.27 -5.82	51.90 3.26 -0.06	44.16 2.58 -3.67	38.17 2.38 -0.25	35.50 2.34 -0.20
SOUTH HAMPTN___IC 23720	52.65 4.05 -19.05	38.84 3.43 -7.01	34.65 3.35 -5.35	32.16 3.32 -2.91	31.87 3.21 -2.73	31.53 3.28 -2.21	35.73 3.73 -4.36	39.77 3.70 -8.85	49.90 4.47 -14.38	59.97 4.46 -24.58	57.59 4.70 -19.77	59.54 5.17 -17.41	59.86 5.03 -17.59	62.85 5.40 -18.84	71.37 6.11 -24.25	68.16 6.42 -18.65	75.99 7.61 -17.33	93.71 7.84 -34.67	83.93 7.20 -25.68	92.05 7.20 -33.79	66.97 6.61 -11.77	66.02 4.89 -23.23	53.95 4.80 -13.61	51.70 4.65 -14.09
SOUTHDOW__115KV_TB1 355954	30.06 0.38 -0.12	28.79 0.31 -0.08	26.27 -0.16 -0.47	25.91 -0.05 -0.03	25.76 -0.29 -0.12	26.74 0.70 0.00	28.24 0.58 -0.03	28.87 0.35 -1.30	32.33 0.40 -0.87	32.32 0.49 -0.89	34.17 0.60 -0.45	37.65 0.67 -0.03	37.63 0.26 -0.13	39.32 0.19 -0.52	41.21 0.21 0.00	43.29 -0.13 -0.32	51.15 -0.26 -0.35	52.72 0.20 -1.31	51.36 -0.05 -0.35	51.78 0.10 -0.62	48.79 0.19 -0.01	39.44 1.14 -0.39	36.10 0.53 -0.03	33.22 0.23 -0.03
SOUTHOLD_69_KV_BK 2 55809	53.30 4.70 -19.05	39.75 4.34 -7.01	35.14 3.84 -5.35	32.65 3.81 -2.91	32.36 3.71 -2.73	32.05 3.80 -2.21	36.25 4.26 -4.36	40.40 4.33 -8.85	50.65 5.22 -14.38	60.74 5.23 -24.58	58.52 5.63 -19.77	60.61 6.25 -17.41	61.09 6.26 -17.59	64.13 6.68 -18.84	72.64 7.38 -24.25	69.49 7.76 -18.65	77.63 9.24 -17.33	95.41 9.53 -34.67	85.62 8.88 -25.68	93.54 8.68 -33.81	68.39 8.02 -11.78	67.13 5.99 -23.23	54.88 5.72 -13.61	52.49 5.44 -14.09
SOUTHOLD___IC 23719	53.26 4.67 -19.05	39.47 4.06 -7.01	35.17 3.87 -5.35	32.68 3.84 -2.91	32.39 3.73 -2.73	32.07 3.83 -2.21	36.31 4.31 -4.36	40.40 4.33 -8.85	50.64 5.22 -14.38	60.71 5.20 -24.58	58.49 5.60 -19.77	60.58 6.21 -17.41	60.90 6.07 -17.59	63.93 6.48 -18.84	72.60 7.34 -24.25	69.49 7.75 -18.65	77.63 9.24 -17.33	95.45 9.57 -34.67	85.62 8.88 -25.68	93.59 8.73 -33.81	68.34 7.97 -11.78	67.09 5.95 -23.23	54.84 5.69 -13.61	52.49 5.44 -14.09

SPIERFLS_115KV_TB 1 80737	32.31 1.86 -0.90	30.77 1.76 -0.62	30.94 1.51 -3.48	27.63 1.48 -0.22	28.27 1.48 -0.86	27.62 1.59 0.00	29.54 1.69 -0.22	46.13 1.74 -17.18	39.57 2.11 -6.41	39.50 2.04 -6.52	38.33 1.92 -3.29	39.42 2.22 -0.25	40.48 2.27 -0.97	44.59 2.16 -3.82	43.10 2.09 0.00	47.75 2.28 -2.37	65.01 2.86 -11.09	76.34 2.92 -22.21	66.53 3.37 -12.10	65.35 3.62 -10.67	52.39 3.69 -0.11	47.52 2.88 -6.73	38.52 2.52 -0.46	35.35 2.18 -0.22
ST LAWRENCE____ 23600	29.02 -0.53 0.00	27.91 -0.48 0.00	25.64 -0.31 0.00	25.64 -0.28 0.00	25.64 -0.28 0.00	25.62 -0.42 0.00	27.14 -0.50 0.00	26.73 -0.49 0.00	30.50 -0.56 0.00	30.38 -0.56 0.00	32.49 -0.63 0.00	36.25 -0.70 0.00	36.61 -0.63 0.00	37.87 -0.73 0.00	40.19 -0.82 0.00	42.19 -0.91 0.00	49.98 -1.07 0.00	49.88 -1.33 0.00	49.93 -1.12 0.00	49.93 -1.12 0.00	47.67 -0.92 0.00	37.19 -0.72 0.00	34.97 -0.57 0.00	32.40 -0.56 0.00
STATE_CA_115KV_115_LB 55624	31.90 1.48 -0.87	30.39 1.39 -0.60	30.56 1.22 -3.38	27.41 1.27 -0.21	28.04 1.27 -0.84	27.34 1.30 0.00	29.23 1.38 -0.21	42.56 1.33 -14.01	38.66 1.37 -6.24	38.61 1.33 -6.35	37.75 1.42 -3.20	38.90 1.70 -0.24	39.86 1.68 -0.95	43.98 1.66 -3.72	42.81 1.80 0.00	47.29 1.90 -2.31	61.82 2.20 -8.57	70.57 2.20 -17.16	62.45 2.04 -9.35	61.29 1.99 -8.25	50.57 1.90 -0.08	44.59 1.48 -5.20	37.39 1.49 -0.35	34.62 1.45 -0.21
STATE_ST_34_KV_LOAD 55959	29.87 0.24 -0.09	28.65 0.20 -0.06	26.40 0.10 -0.34	26.00 0.05 -0.02	26.06 0.05 -0.08	26.32 0.29 0.00	27.99 0.33 -0.02	28.48 0.38 -0.88	32.13 0.47 -0.61	31.90 0.34 -0.62	33.87 0.43 -0.31	37.50 0.52 -0.02	37.82 0.48 -0.09	39.43 0.46 -0.36	41.77 0.49 -0.27	45.25 0.60 -1.55	55.30 0.92 -3.33	55.95 1.13 -3.61	56.27 1.38 -3.83	55.62 1.28 -3.29	52.70 1.21 -2.90	39.05 0.87 -0.27	36.23 0.68 -0.02	33.37 0.40 -0.02
STATION 5_MISC_HYD 23604	29.84 0.21 -0.08	28.51 0.06 -0.06	26.10 -0.18 -0.32	25.59 -0.36 -0.02	25.70 -0.31 -0.08	25.93 -0.10 0.00	27.49 -0.16 -0.02	28.09 0.03 -0.85	31.68 0.03 -0.60	31.60 0.06 -0.61	33.49 0.07 -0.31	36.94 -0.04 -0.02	37.41 0.07 -0.09	38.92 -0.04 -0.36	41.13 0.12 0.00	43.40 0.09 -0.22	51.39 -0.10 -0.44	52.40 0.36 -0.83	51.69 0.15 -0.48	51.76 0.31 -0.40	48.79 0.20 0.00	38.20 0.04 -0.25	35.24 -0.32 -0.02	33.04 0.07 -0.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.72 0.09 -0.08	28.51 0.06 -0.06	26.10 -0.18 -0.33	25.61 -0.34 -0.02	25.70 -0.31 -0.08	25.93 -0.10 0.00	27.63 -0.03 -0.02	28.18 0.11 -0.85	31.78 0.12 -0.60	31.73 0.19 -0.61	33.63 0.20 -0.31	37.27 0.30 -0.02	37.55 0.22 -0.09	39.19 0.23 -0.36	41.40 0.33 -0.07	43.93 0.30 -0.54	52.38 0.20 -1.12	53.31 0.61 -1.49	52.87 0.56 -1.25	52.60 0.46 -1.08	49.72 0.44 -0.69	38.35 0.19 -0.25	35.49 -0.07 -0.02	33.01 0.03 -0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.60 -0.03 -0.08	28.37 -0.09 -0.06	25.94 -0.34 -0.32	25.38 -0.57 -0.02	25.52 -0.49 -0.08	25.67 -0.36 0.00	27.38 -0.28 -0.02	27.93 -0.14 -0.85	31.49 -0.16 -0.59	31.42 -0.12 -0.60	33.29 -0.13 -0.31	36.94 -0.04 -0.02	37.22 -0.11 -0.09	38.84 -0.12 -0.35	40.93 -0.08 0.00	43.14 -0.17 -0.22	51.08 -0.41 -0.43	52.14 0.10 -0.83	51.58 0.05 -0.48	51.35 -0.10 -0.40	48.55 -0.05 0.00	37.89 -0.27 -0.25	35.10 -0.46 -0.02	32.75 -0.23 -0.02
STA_56____34_KV_BUS2 355983	29.60 -0.03 -0.08	28.37 -0.09 -0.06	25.94 -0.34 -0.32	25.38 -0.57 -0.02	25.52 -0.49 -0.08	25.67 -0.36 0.00	27.38 -0.28 -0.02	27.93 -0.14 -0.85	31.49 -0.16 -0.59	31.42 -0.12 -0.60	33.29 -0.13 -0.31	36.94 -0.04 -0.02	37.22 -0.11 -0.09	38.84 -0.12 -0.35	40.93 -0.08 0.00	43.14 -0.17 -0.22	51.08 -0.41 -0.43	52.14 0.10 -0.83	51.58 0.05 -0.48	51.35 -0.10 -0.40	48.55 -0.05 0.00	37.89 -0.27 -0.25	35.10 -0.46 -0.02	32.75 -0.23 -0.02
STA_67____115KV_BK2 355882	29.78 0.15 -0.08	28.54 0.09 -0.06	26.10 -0.18 -0.32	25.51 -0.44 -0.02	25.65 -0.36 -0.08	25.80 -0.23 0.00	27.52 -0.14 -0.02	28.01 -0.05 -0.85	31.59 -0.06 -0.60	31.48 -0.06 -0.61	33.36 -0.07 -0.31	36.98 0.00 -0.02	37.26 -0.07 -0.09	38.85 -0.12 -0.36	40.93 -0.08 0.00	43.14 -0.17 -0.22	51.04 -0.46 -0.44	52.09 0.05 -0.83	51.59 0.05 -0.48	51.40 -0.05 -0.40	48.64 0.05 0.00	38.01 -0.15 -0.25	35.17 -0.39 -0.02	32.88 -0.10 -0.02
STA_7____115KV_9TRANS 80674	29.99 0.35 -0.08	28.76 0.31 -0.06	26.28 0.00 -0.32	25.69 -0.26 -0.02	25.83 -0.18 -0.08	25.98 -0.05 0.00	27.71 0.06 -0.02	28.23 0.16 -0.85	31.87 0.22 -0.60	31.76 0.22 -0.61	33.63 0.20 -0.31	37.31 0.33 -0.02	37.63 0.30 -0.09	39.23 0.27 -0.36	41.34 0.33 0.00	43.57 0.26 -0.22	51.60 0.10 -0.44	52.66 0.61 -0.83	52.20 0.66 -0.48	51.97 0.51 -0.40	49.13 0.53 0.00	38.39 0.23 -0.25	35.49 -0.07 -0.02	33.14 0.16 -0.02
STA_82____115KV_TB1 80780	29.78 0.15 -0.08	28.57 0.11 -0.06	26.10 -0.18 -0.33	25.53 -0.41 -0.02	25.67 -0.34 -0.08	25.83 -0.21 0.00	27.52 -0.14 -0.02	28.04 -0.03 -0.85	31.62 -0.03 -0.60	31.51 -0.03 -0.61	33.36 -0.07 -0.31	37.02 0.04 -0.02	37.29 -0.04 -0.09	38.85 -0.12 -0.36	40.93 -0.08 0.00	43.18 -0.13 -0.22	51.08 -0.41 -0.44	52.15 0.10 -0.84	51.63 0.10 -0.48	51.46 0.00 -0.40	48.64 0.05 0.00	38.01 -0.15 -0.25	35.17 -0.39 -0.02	32.88 -0.10 -0.02
STEEL____WIND 323596	29.52 -0.15 -0.11	28.50 0.03 -0.08	25.72 -0.67 -0.44	25.36 -0.60 -0.03	25.26 -0.78 -0.11	26.11 0.08 0.00	27.58 -0.08 -0.03	27.95 -0.46 -1.20	31.34 -0.53 -0.81	31.33 -0.43 -0.83	33.14 -0.40 -0.42	37.06 0.07 -0.03	36.69 -0.67 -0.12	38.13 -0.96 -0.48	40.14 -0.86 0.00	42.36 -1.03 -0.30	49.77 -1.53 -0.24	51.49 -0.92 -1.20	49.92 -1.38 -0.24	50.72 -0.92 -0.58	47.53 -1.07 -0.01	38.20 -0.08 -0.37	34.93 -0.64 -0.02	33.15 0.17 -0.03
STEPHTWN_115KV_BK_2 55603	32.04 1.63 -0.86	30.52 1.53 -0.60	30.64 1.35 -3.34	27.52 1.37 -0.21	28.10 1.35 -0.83	27.47 1.43 0.00	29.37 1.52 -0.21	41.39 1.50 -12.67	38.77 1.55 -6.16	38.69 1.48 -6.27	37.88 1.59 -3.16	39.04 1.85 -0.24	40.04 1.86 -0.93	44.13 1.85 -3.67	42.98 1.97 0.00	47.48 2.11 -2.28	61.06 2.50 -7.51	68.75 2.51 -15.03	61.65 2.40 -8.19	60.57 2.30 -7.22	50.85 2.19 -0.07	44.21 1.74 -4.56	37.56 1.71 -0.31	34.78 1.61 -0.21
STEBEN_REC_LFGE 323667	29.96 0.27 -0.15	28.69 0.20 -0.10	26.42 -0.10 -0.57	25.89 -0.08 -0.04	25.89 -0.18 -0.14	26.56 0.52 0.00	28.14 0.47 -0.04	29.06 0.27 -1.57	32.37 0.28 -1.04	32.34 0.34 -1.06	34.12 0.46 -0.54	37.62 0.63 -0.04	37.77 0.37 -0.16	39.57 0.35 -0.62	41.46 0.37 -0.08	44.23 0.34 -0.79	53.28 0.66 -1.56	54.83 1.18 -2.44	53.88 1.07 -1.75	53.72 1.02 -1.64	50.45 0.97 -0.88	39.50 1.10 -0.49	36.25 0.68 -0.03	33.42 0.43 -0.04
STONY____BROOK 24151	51.93 3.34 -19.05	38.19 2.78 -7.01	34.05 2.75 -5.35	31.53 2.70 -2.91	31.25 2.59 -2.73	30.93 2.68 -2.21	35.06 3.07 -4.36	39.12 3.05 -8.85	49.09 3.66 -14.38	59.10 3.59 -24.58	56.60 3.71 -19.77	58.36 3.99 -17.41	58.63 3.80 -17.59	63.60 4.09 -20.90	70.15 4.39 -24.75	66.39 4.66 -18.65	73.95 5.57 -17.33	94.12 5.73 -37.18	85.24 5.26 -28.93	98.37 5.10 -42.21	66.30 4.67 -13.04	66.28 3.68 -24.70	52.92 3.77 -13.61	50.80 3.76 -14.09

STURGEON_POOL_HYD 23609	31.67 1.42 -0.70	30.18 1.31 -0.48	29.83 1.17 -2.71	27.35 1.24 -0.17	27.64 1.04 -0.67	27.18 1.15 0.00	29.19 1.38 -0.17	36.39 1.31 -7.86	37.66 1.58 -5.02	37.72 1.67 -5.11	37.49 1.79 -2.58	39.14 2.00 -0.19	39.98 1.97 -0.76	43.80 2.20 -2.99	43.59 2.58 0.00	47.62 2.67 -1.86	58.31 3.17 -4.09	62.78 3.38 -8.19	58.27 2.76 -4.46	57.44 2.45 -3.93	50.91 2.28 -0.04	42.02 1.63 -2.48	37.34 1.63 -0.17	34.91 1.78 -0.17
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.59 1.42 -0.62	30.13 1.31 -0.43	29.53 1.17 -2.41	27.22 1.14 -0.15	27.59 1.06 -0.60	27.13 1.09 0.00	29.09 1.30 -0.15	34.99 1.28 -6.49	37.01 1.52 -4.44	37.06 1.61 -4.52	37.12 1.72 -2.28	39.01 1.88 -0.17	39.81 1.90 -0.67	43.34 2.08 -2.65	43.35 2.34 0.00	47.23 2.50 -1.64	57.30 3.01 -3.23	60.86 3.18 -6.48	57.24 2.65 -3.53	56.57 2.40 -3.11	50.81 2.19 -0.03	41.46 1.59 -1.96	37.24 1.56 -0.13	34.69 1.58 -0.15
SWANROAD_115KV_TB1 355699	29.01 -0.65 -0.10	27.73 -0.74 -0.07	25.27 -1.09 -0.41	24.68 -1.27 -0.03	24.76 -1.27 -0.10	25.33 -0.70 0.00	26.72 -0.94 -0.03	27.22 -1.09 -1.09	30.53 -1.27 -0.75	30.46 -1.24 -0.76	32.15 -1.36 -0.38	35.62 -1.37 -0.03	35.68 -1.68 -0.11	36.97 -2.08 -0.45	38.71 -2.30 0.00	40.83 -2.54 -0.28	47.70 -3.52 -0.17	49.38 -2.92 -1.09	48.25 -2.96 -0.15	48.87 -2.71 -0.52	46.22 -2.38 -0.01	36.57 -1.67 -0.33	33.72 -1.85 -0.02	31.63 -1.35 -0.03
SYNERGY___BIOGAS 323694	30.06 0.41 -0.10	28.86 0.40 -0.07	26.17 -0.15 -0.37	25.67 -0.28 -0.02	25.71 -0.31 -0.09	26.32 0.29 0.00	27.74 0.08 -0.02	28.33 0.11 -1.00	31.81 0.06 -0.69	31.82 0.19 -0.70	33.61 0.13 -0.35	37.24 0.26 -0.03	37.38 0.04 -0.10	38.71 -0.31 -0.41	40.84 -0.16 0.00	43.09 -0.26 -0.25	50.66 -0.67 -0.27	52.20 0.00 -0.99	50.98 -0.35 -0.28	51.63 0.10 -0.48	48.55 -0.05 0.00	38.36 0.15 -0.30	35.21 -0.36 -0.02	33.28 0.30 -0.02
SYRACUSE___ENERGY_ST1 323597	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
SYRACUSE___ENERGY_ST2 323598	29.41 -0.21 -0.07	28.24 -0.20 -0.05	25.97 -0.26 -0.27	25.64 -0.31 -0.02	25.68 -0.31 -0.07	25.88 -0.16 0.00	27.51 -0.14 -0.02	27.80 -0.11 -0.69	31.40 -0.16 -0.50	31.32 -0.12 -0.51	33.31 -0.07 -0.26	36.94 -0.04 -0.02	37.24 -0.07 -0.08	38.82 -0.08 -0.30	41.23 -0.08 -0.30	44.71 -0.04 -1.66	54.65 0.05 -3.55	55.16 0.26 -3.70	55.30 0.15 -4.09	54.66 0.10 -3.50	51.86 0.05 -3.22	38.11 0.00 -0.20	35.48 -0.07 -0.01	32.78 -0.20 -0.02
SYRACUSE___POWER 24017	29.39 -0.24 -0.07	28.19 -0.26 -0.05	25.92 -0.31 -0.28	25.58 -0.36 -0.02	25.66 -0.34 -0.07	25.83 -0.21 0.00	27.46 -0.19 -0.02	27.77 -0.16 -0.71	31.35 -0.22 -0.51	31.27 -0.19 -0.52	33.25 -0.13 -0.26	36.86 -0.11 -0.02	37.17 -0.15 -0.08	38.79 -0.12 -0.30	41.08 -0.12 -0.20	44.12 -0.13 -1.16	53.46 -0.05 -2.46	54.00 0.10 -2.68	53.88 0.00 -2.82	53.48 0.00 -2.42	50.65 -0.05 -2.11	38.04 -0.08 -0.21	35.38 -0.18 -0.01	32.71 -0.26 -0.02
TALLMAN__138KV_BK151 55660	31.79 1.60 -0.65	30.29 1.45 -0.45	29.78 1.32 -2.50	27.38 1.30 -0.16	27.77 1.22 -0.62	27.28 1.25 0.00	29.28 1.49 -0.16	35.41 1.47 -6.73	37.39 1.74 -4.60	37.41 1.79 -4.68	37.44 1.95 -2.36	39.24 2.11 -0.18	40.02 2.09 -0.70	43.66 2.32 -2.74	43.59 2.58 0.00	47.59 2.80 -1.70	57.78 3.37 -3.35	61.40 3.48 -6.71	57.72 3.01 -3.66	56.93 2.65 -3.22	51.05 2.43 -0.03	41.69 1.74 -2.03	37.42 1.74 -0.14	34.89 1.78 -0.16
TEALLAVE_115KV_TB7 355573	29.29 -0.33 -0.06	28.12 -0.31 -0.04	25.80 -0.39 -0.24	25.50 -0.44 -0.02	25.57 -0.41 -0.06	25.75 -0.29 0.00	27.37 -0.28 -0.02	27.22 -0.24 -0.25	31.18 -0.31 -0.43	31.07 -0.31 -0.44	33.08 -0.26 -0.22	36.71 -0.26 -0.02	37.01 -0.30 -0.07	38.59 -0.27 -0.26	40.89 -0.29 -0.17	43.77 -0.30 -0.98	52.57 -0.26 -1.77	52.77 -0.10 -1.66	52.90 -0.20 -2.05	52.60 -0.20 -1.75	50.11 -0.24 -1.76	37.64 -0.27 0.00	35.22 -0.32 0.00	32.58 -0.40 -0.02
TELGRAPH_34_KV_EAST 80808	29.65 0.00 -0.10	28.38 -0.09 -0.07	25.85 -0.49 -0.39	25.25 -0.70 -0.02	25.35 -0.67 -0.10	25.85 -0.18 0.00	27.35 -0.30 -0.02	27.90 -0.35 -1.04	31.33 -0.43 -0.71	31.26 -0.40 -0.72	33.02 -0.46 -0.36	36.61 -0.37 -0.03	36.71 -0.63 -0.11	38.03 -1.00 -0.42	39.86 -1.15 0.00	41.98 -1.38 -0.26	49.25 -2.04 -1.03	50.86 -1.38 -1.03	49.81 -1.48 -0.24	50.17 -1.38 -0.49	47.43 -1.17 0.00	37.46 -0.76 -0.31	34.53 -1.03 -0.02	32.35 -0.63 -0.02
TEMPLE___115KV_TB 2 55572	29.32 -0.30 -0.06	28.12 -0.31 -0.04	25.83 -0.36 -0.24	25.53 -0.41 -0.02	25.60 -0.39 -0.06	25.75 -0.29 0.00	27.40 -0.25 -0.02	27.23 -0.24 -0.25	31.18 -0.31 -0.44	31.10 -0.28 -0.45	33.12 -0.23 -0.23	36.75 -0.22 -0.02	37.05 -0.26 -0.07	38.64 -0.23 -0.26	40.89 -0.29 -0.17	43.81 -0.26 -0.97	52.61 -0.20 -1.76	52.76 -0.10 -1.65	52.94 -0.15 -2.03	52.59 -0.20 -1.74	50.15 -0.19 -1.75	37.68 -0.23 0.00	35.26 -0.28 0.00	32.61 -0.36 -0.02
TIANA____69_KV_BK 1 55817	52.47 3.87 -19.05	38.98 3.58 -7.01	34.47 3.17 -5.35	31.95 3.11 -2.91	31.69 3.03 -2.73	31.37 3.12 -2.21	35.53 3.54 -4.36	39.61 3.54 -8.85	49.71 4.29 -14.38	59.78 4.27 -24.58	57.40 4.50 -19.77	59.32 4.95 -17.41	59.78 4.95 -17.59	62.74 5.29 -18.84	71.08 5.82 -24.25	67.81 6.08 -18.65	75.53 7.15 -17.33	93.25 7.37 -34.67	83.53 6.79 -25.68	91.60 6.74 -33.80	66.64 6.27 -11.78	65.80 4.66 -23.23	53.74 4.58 -13.61	51.50 4.45 -14.09
TILDEN___115KV_TB1 80814	29.39 -0.24 -0.07	28.19 -0.26 -0.05	25.92 -0.31 -0.28	25.58 -0.36 -0.02	25.66 -0.34 -0.07	25.83 -0.21 0.00	27.46 -0.19 -0.02	27.77 -0.16 -0.71	31.35 -0.22 -0.51	31.27 -0.19 -0.52	33.25 -0.13 -0.26	36.86 -0.11 -0.02	37.17 -0.15 -0.08	38.79 -0.12 -0.30	41.08 -0.12 -0.20	44.12 -0.13 -1.16	53.46 -0.05 -2.46	54.00 0.10 -2.68	53.88 0.00 -2.82	53.48 0.00 -2.42	50.65 -0.05 -2.11	38.04 -0.08 -0.21	35.38 -0.18 -0.01	32.71 -0.26 -0.02
TRIGEN___CC 323695	50.93 2.33 -19.05	37.56 2.16 -7.01	33.22 1.92 -5.35	30.73 1.89 -2.91	30.44 1.79 -2.73	30.12 1.87 -2.21	34.15 2.16 -4.36	38.16 2.10 -8.85	47.94 2.52 -14.37	58.05 2.54 -24.57	55.53 2.65 -19.76	57.29 2.92 -17.41	57.73 2.90 -17.58	53.20 3.17 -11.43	65.07 3.49 -20.58	65.44 3.71 -18.64	72.83 4.44 -17.33	81.49 4.61 -25.67	69.16 4.08 -14.02	58.58 3.93 -3.59	54.59 3.50 -2.50	54.41 2.54 -13.97	51.75 2.59 -13.61	49.62 2.57 -14.09
TRINITY__115KV__ 4 BK 55933	31.78 1.36 -0.87	30.30 1.31 -0.60	30.45 1.14 -3.35	27.33 1.19 -0.21	27.92 1.17 -0.83	27.26 1.22 0.00	29.14 1.30 -0.21	41.34 1.22 -12.90	38.47 1.24 -6.18	38.43 1.21 -6.29	37.59 1.29 -3.17	38.71 1.52 -0.24	39.70 1.53 -0.94	43.75 1.47 -3.68	42.61 1.60 0.00	47.06 1.68 -2.28	60.68 1.94 -7.68	68.54 1.95 -15.38	61.22 1.79 -8.38	60.18 1.74 -7.39	50.32 1.65 -0.07	43.90 1.33 -4.66	37.21 1.35 -0.32	34.52 1.35 -0.21

UNION___PROCESSING_DRP 323587	29.81 0.18 -0.08	28.57 0.11 -0.06	26.10 -0.18 -0.33	25.53 -0.41 -0.02	25.67 -0.34 -0.08	25.83 -0.21 0.00	27.54 -0.11 -0.02	28.05 -0.03 -0.86	31.65 0.00 -0.60	31.52 -0.03 -0.61	33.40 -0.03 -0.31	37.02 0.04 -0.02	37.29 -0.04 -0.09	38.89 -0.08 -0.36	40.97 -0.04 0.00	43.19 -0.13 -0.22	51.07 -0.41 -0.42	52.15 0.10 -0.84	51.61 0.10 -0.46	51.51 0.05 -0.40	48.69 0.10 0.00	38.05 -0.11 -0.25	35.20 -0.36 -0.02	32.91 -0.07 -0.02
UPPER HUDSON___HYD 24058	32.31 1.86 -0.90	30.75 1.73 -0.62	30.93 1.50 -3.48	27.63 1.48 -0.22	28.27 1.48 -0.86	27.65 1.61 0.00	29.54 1.69 -0.22	46.13 1.74 -17.17	39.57 2.11 -6.41	39.53 2.07 -6.52	38.37 1.95 -3.29	39.46 2.25 -0.25	40.48 2.27 -0.97	44.59 2.16 -3.82	43.10 2.09 0.00	47.74 2.28 -2.37	65.00 2.86 -11.09	76.33 2.92 -22.21	66.53 3.37 -12.10	65.35 3.63 -10.67	52.39 3.69 -0.11	47.56 2.92 -6.73	38.52 2.52 -0.46	35.35 2.17 -0.22
UPPER RAQUET___HYD 24056	29.11 -0.44 0.00	28.05 -0.34 0.00	25.77 -0.18 0.00	25.77 -0.15 0.00	25.75 -0.18 0.00	25.75 -0.29 0.00	27.19 -0.44 0.00	26.64 -0.57 0.00	30.40 -0.65 0.00	30.28 -0.65 0.00	32.36 -0.76 0.00	35.96 -1.00 0.00	36.39 -0.86 0.00	37.57 -1.04 0.00	39.78 -1.23 0.00	41.67 -1.42 0.00	49.37 -1.68 0.00	49.71 -1.95 -0.44	50.02 -1.58 -0.55	49.99 -1.53 -0.47	47.87 -1.31 -0.59	37.04 -0.87 0.00	35.29 -0.25 0.00	32.69 -0.26 0.00
VALLEY44_115KV_TB2 355964	28.73 -0.95 -0.13	27.52 -0.97 -0.09	25.17 -1.27 -0.49	25.03 -0.93 -0.03	24.68 -1.37 -0.12	25.98 -0.05 0.00	27.25 -0.41 -0.03	27.58 -0.98 -1.35	30.81 -1.15 -0.91	30.71 -1.14 -0.92	32.43 -1.16 -0.46	35.81 -1.18 -0.03	35.78 -1.60 -0.14	37.49 -1.66 -0.54	39.24 -1.76 0.00	41.44 -1.98 -0.33	49.00 -2.45 -0.40	50.52 -2.05 -1.36	49.27 -2.20 -0.41	49.36 -2.35 -0.65	46.41 -2.19 -0.01	38.09 -0.23 -0.41	34.93 -0.64 -0.03	31.83 -1.15 -0.03
VALLEY___115KV_TB 1-4 80826	29.49 -0.06 0.00	28.34 -0.06 0.00	25.88 -0.08 0.00	25.83 -0.10 0.00	25.85 -0.08 0.00	25.98 -0.05 0.00	27.61 -0.03 0.00	27.19 -0.03 0.00	31.05 0.00 0.00	31.06 0.12 0.00	33.25 0.13 0.00	37.10 0.15 0.00	37.39 0.15 0.00	38.84 0.23 0.00	41.17 0.16 0.00	43.26 0.17 0.00	51.41 0.36 0.00	51.62 0.41 0.00	51.21 0.15 0.00	51.21 0.15 0.00	48.69 0.10 0.00	38.02 0.11 0.00	35.68 0.14 0.00	33.02 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.27 1.45 -0.27	30.00 1.42 -0.19	28.22 1.22 -1.04	27.19 1.19 -0.07	27.43 1.24 -0.26	27.41 1.38 0.00	29.22 1.52 -0.07	33.03 1.52 -4.29	34.74 1.77 -1.92	34.53 1.64 -1.95	35.86 1.76 -0.99	39.03 2.00 -0.07	39.51 1.97 -0.29	41.91 2.16 -1.14	43.28 2.21 -0.06	46.42 2.33 -1.00	57.20 2.91 -3.23	60.23 3.18 -5.85	57.94 3.32 -3.57	57.53 3.32 -3.15	52.32 3.06 -0.66	41.92 2.43 -1.59	37.82 2.17 -0.11	34.77 1.75 -0.07
VISCHER___FERRY HYD 24020	32.08 1.65 -0.88	30.59 1.59 -0.61	30.75 1.40 -3.39	27.52 1.37 -0.22	28.14 1.37 -0.84	27.47 1.43 0.00	29.40 1.55 -0.22	44.22 1.52 -15.48	39.08 1.77 -6.26	39.07 1.76 -6.37	38.22 1.89 -3.21	39.34 2.14 -0.24	40.31 2.12 -0.95	44.46 2.12 -3.73	43.26 2.25 0.00	47.77 2.37 -2.31	63.63 2.81 -9.77	73.58 2.81 -19.56	64.42 2.70 -10.66	63.16 2.70 -9.40	51.26 2.57 -0.09	45.88 2.05 -5.93	37.86 1.92 -0.40	35.02 1.84 -0.22
V_A_10_SYNC_DSASP 323832	29.50 -0.15 -0.09	28.23 -0.23 -0.06	25.74 -0.57 -0.36	25.12 -0.83 -0.02	25.29 -0.73 -0.09	25.46 -0.57 0.00	27.13 -0.53 -0.02	27.66 -0.52 -0.96	31.13 -0.59 -0.67	31.02 -0.59 -0.68	32.80 -0.66 -0.34	36.32 -0.67 -0.03	36.49 -0.86 -0.10	37.96 -1.04 -0.40	39.86 -1.15 0.00	42.05 -1.29 -0.25	49.82 -1.89 -0.65	50.88 -1.28 -0.95	50.40 -1.38 -0.72	50.18 -1.33 -0.46	47.48 -1.12 0.00	37.17 -1.02 -0.29	34.35 -1.21 -0.02	32.29 -0.69 -0.02
V_CMM_10_SYNC_DSASP 323787	29.11 -0.44 0.00	28.02 -0.37 0.00	25.72 -0.23 0.00	25.75 -0.18 0.00	25.72 -0.21 0.00	25.70 -0.34 0.00	27.22 -0.41 0.00	26.84 -0.38 0.00	30.59 -0.46 0.00	30.50 -0.43 0.00	32.59 -0.53 0.00	36.36 -0.59 0.00	36.72 -0.52 0.00	37.99 -0.62 0.00	40.35 -0.66 0.00	42.32 -0.77 0.00	50.14 -0.92 0.00	50.08 -1.13 0.00	50.14 -0.92 0.00	50.14 -0.92 0.00	47.86 -0.73 0.00	37.34 -0.57 0.00	35.12 -0.42 0.00	32.53 -0.43 0.00
V_CMP_10_SYNC_DSASP 323788	29.70 0.15 0.00	28.59 0.20 0.00	26.37 0.41 0.00	26.42 0.49 0.00	26.37 0.44 0.00	26.37 0.34 0.00	27.97 0.33 0.00	27.65 0.43 0.00	31.55 0.50 0.00	31.37 0.43 0.00	33.45 0.33 0.00	37.29 0.33 0.00	37.80 0.56 0.00	39.15 0.54 0.00	41.75 0.74 0.00	43.70 0.60 0.00	51.87 0.81 0.00	52.03 0.82 0.00	52.23 1.18 0.00	52.48 1.43 0.00	50.10 1.51 0.00	39.01 1.10 0.00	36.50 0.96 0.00	33.75 0.79 0.00
V_E_10_SYNC_DSASP 323830	31.41 1.65 -0.20	30.29 1.76 -0.14	28.01 1.27 -0.78	27.25 1.27 -0.05	27.42 1.30 -0.19	27.73 1.69 0.00	29.56 1.88 -0.05	31.66 1.85 -2.59	34.46 1.99 -1.42	34.23 1.86 -1.44	35.80 1.95 -0.73	39.38 2.37 -0.05	39.69 2.23 -0.21	41.88 2.43 -0.85	43.55 2.42 -0.12	46.85 2.63 -1.13	57.61 3.83 -2.73	60.08 4.71 -4.16	59.03 4.90 -3.07	58.97 5.21 -2.71	54.64 4.71 -1.33	42.66 3.87 -0.88	38.69 3.09 -0.06	35.38 2.37 -0.05
V_F_30_NSYNC___DSASP 323816	32.46 2.01 -0.89	30.91 1.90 -0.62	31.10 1.69 -3.46	27.81 1.66 -0.22	28.45 1.66 -0.86	27.75 1.72 0.00	29.70 1.85 -0.22	46.01 1.82 -16.97	39.61 2.17 -6.39	39.57 2.13 -6.50	38.62 2.22 -3.28	39.75 2.55 -0.25	40.74 2.53 -0.97	45.00 2.59 -3.81	43.67 2.66 0.00	48.30 2.84 -2.36	65.46 3.47 -10.93	76.63 3.53 -21.89	66.56 3.57 -11.93	65.25 3.68 -10.52	52.20 3.50 -0.10	47.35 2.81 -6.64	38.51 2.52 -0.45	35.45 2.27 -0.22
V_F_30_SYNC_DSASP 323786	31.90 1.48 -0.87	30.39 1.39 -0.60	30.56 1.22 -3.38	27.41 1.27 -0.21	28.01 1.24 -0.84	27.34 1.30 0.00	29.23 1.38 -0.21	42.47 1.33 -13.92	38.65 1.37 -6.23	38.61 1.33 -6.34	37.75 1.42 -3.20	38.86 1.66 -0.24	39.86 1.68 -0.95	43.98 1.66 -3.72	42.77 1.76 0.00	47.29 1.90 -2.30	61.75 2.20 -8.50	70.43 2.20 -17.02	62.37 2.04 -9.28	61.22 1.99 -8.18	50.57 1.90 -0.08	44.55 1.48 -5.16	37.38 1.49 -0.35	34.62 1.45 -0.21
V_XM_10_SYNC_DSASP 323789	29.70 0.15 0.00	28.59 0.20 0.00	26.37 0.41 0.00	26.42 0.49 0.00	26.37 0.44 0.00	26.37 0.34 0.00	27.97 0.33 0.00	27.65 0.43 0.00	31.55 0.50 0.00	31.37 0.43 0.00	33.45 0.33 0.00	37.29 0.33 0.00	37.80 0.56 0.00	39.15 0.54 0.00	41.75 0.74 0.00	43.70 0.60 0.00	51.87 0.81 0.00	52.03 0.82 0.00	52.23 1.18 0.00	52.48 1.43 0.00	50.10 1.51 0.00	39.01 1.10 0.00	36.50 0.96 0.00	33.75 0.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.91 1.71 -0.65	30.40 1.56 -0.45	29.87 1.40 -2.52	27.46 1.37 -0.16	27.85 1.30 -0.62	27.36 1.33 0.00	29.37 1.58 -0.16	35.55 1.55 -6.78	37.55 1.86 -4.63	37.57 1.92 -4.72	37.56 2.05 -2.38	39.39 2.25 -0.18	40.18 2.23 -0.70	43.80 2.43 -2.76	43.76 2.75 0.00	47.74 2.93 -1.71	57.96 3.52 -3.38	61.66 3.69 -6.76	57.91 3.17 -3.69	57.11 2.81 -3.25	51.20 2.58 -0.03	41.85 1.90 -2.05	37.53 1.85 -0.14	34.99 1.88 -0.16

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.09 1.86 -0.68	30.54 1.68 -0.47	30.14 1.56 -2.63	27.63 1.53 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.60 1.80 -0.17	36.06 1.74 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.51 2.53 -0.74	44.36 2.86 -2.89	44.21 3.20 0.00	48.33 3.45 -1.79	58.78 4.19 -3.54	62.59 4.30 -7.08	58.64 3.73 -3.86	57.78 3.32 -3.40	51.59 2.96 -0.03	42.10 2.05 -2.15	37.75 2.06 -0.15	35.20 2.08 -0.17
W50THST__13_KV_LOAD 356117	32.24 2.01 -0.68	30.65 1.79 -0.47	30.25 1.66 -2.63	27.73 1.63 -0.17	28.14 1.56 -0.65	27.65 1.61 0.00	29.73 1.93 -0.17	36.22 1.91 -7.10	38.20 2.30 -4.85	38.26 2.38 -4.94	38.13 2.52 -2.49	39.91 2.77 -0.19	40.77 2.79 -0.74	44.66 3.17 -2.89	44.53 3.53 0.00	48.68 3.79 -1.79	59.19 4.59 -3.54	63.00 4.71 -7.08	59.05 4.14 -3.86	58.08 3.62 -3.40	51.88 3.26 -0.03	42.33 2.27 -2.15	37.93 2.24 -0.15	35.36 2.24 -0.17
WADING RIVER_IC_1 23522	52.11 3.51 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.72 2.88 -2.91	31.43 2.78 -2.73	31.11 2.86 -2.21	35.26 3.26 -4.36	39.31 3.24 -8.85	49.31 3.88 -14.38	59.35 3.84 -24.58	56.90 4.01 -19.77	58.69 4.32 -17.41	59.04 4.21 -17.59	61.91 4.48 -18.83	70.34 5.08 -24.24	66.99 5.26 -18.65	74.56 6.18 -17.33	92.21 6.35 -34.65	82.42 5.72 -25.65	90.60 5.82 -33.73	65.79 5.44 -11.75	65.09 3.98 -23.20	53.20 4.05 -13.61	51.04 3.99 -14.09
WADING RIVER_IC_2 23547	52.11 3.51 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.72 2.88 -2.91	31.43 2.78 -2.73	31.11 2.86 -2.21	35.26 3.26 -4.36	39.31 3.24 -8.85	49.31 3.88 -14.38	59.35 3.84 -24.58	56.90 4.01 -19.77	58.69 4.32 -17.41	59.04 4.21 -17.59	61.91 4.48 -18.83	70.34 5.08 -24.24	66.99 5.26 -18.65	74.56 6.18 -17.33	92.21 6.35 -34.65	82.42 5.72 -25.65	90.60 5.82 -33.73	65.79 5.44 -11.75	65.09 3.98 -23.20	53.20 4.05 -13.61	51.04 3.99 -14.09
WADING RIVER_IC_3 23601	52.11 3.51 -19.05	38.39 2.98 -7.01	34.21 2.91 -5.35	31.72 2.88 -2.91	31.43 2.78 -2.73	31.11 2.86 -2.21	35.26 3.26 -4.36	39.31 3.24 -8.85	49.31 3.88 -14.38	59.35 3.84 -24.58	56.90 4.01 -19.77	58.69 4.32 -17.41	59.04 4.21 -17.59	61.91 4.48 -18.83	70.34 5.08 -24.24	66.99 5.26 -18.65	74.56 6.18 -17.33	92.21 6.35 -34.65	82.42 5.72 -25.65	90.60 5.82 -33.73	65.79 5.44 -11.75	65.09 3.98 -23.20	53.20 4.05 -13.61	51.04 3.99 -14.09
WALDENNY_12_KV_BK2 80841	29.55 -0.12 -0.11	28.27 -0.20 -0.08	25.80 -0.60 -0.44	25.31 -0.65 -0.03	25.29 -0.75 -0.11	25.98 -0.05 0.00	27.44 -0.22 -0.03	27.97 -0.44 -1.19	31.36 -0.50 -0.81	31.29 -0.46 -0.82	33.07 -0.46 -0.41	36.69 -0.30 -0.03	36.73 -0.63 -0.12	38.24 -0.85 -0.48	40.06 -0.94 0.00	42.23 -1.16 -0.30	49.60 -1.68 -0.23	51.33 -1.08 -1.19	50.06 -1.23 -0.23	50.40 -1.23 -0.57	47.53 -1.07 -0.01	38.00 -0.27 -0.36	34.93 -0.64 -0.02	32.49 -0.49 -0.03
WALDEN__HYDRO 24148	31.95 1.74 -0.66	30.47 1.62 -0.45	29.92 1.43 -2.54	27.49 1.40 -0.16	27.85 1.30 -0.63	27.36 1.33 0.00	29.37 1.57 -0.16	35.78 1.63 -6.93	37.72 1.89 -4.77	37.67 1.89 -4.85	37.59 2.02 -2.45	39.39 2.25 -0.18	40.20 2.23 -0.72	43.88 2.43 -2.84	43.76 2.75 0.00	47.83 2.97 -1.76	58.18 3.68 -3.44	62.05 3.94 -6.90	58.29 3.47 -3.76	57.59 3.22 -3.31	51.64 3.01 -0.03	42.31 2.31 -2.09	37.81 2.13 -0.14	35.16 2.04 -0.16
WARRENSBURG____ 23737	32.31 1.86 -0.90	30.75 1.73 -0.62	30.93 1.50 -3.48	27.63 1.48 -0.22	28.27 1.48 -0.86	27.65 1.61 0.00	29.54 1.69 -0.22	46.13 1.74 -17.17	39.57 2.11 -6.41	39.53 2.07 -6.52	38.37 1.95 -3.29	39.46 2.25 -0.25	40.48 2.27 -0.97	44.59 2.16 -3.82	43.10 2.09 0.00	47.74 2.28 -2.37	65.00 2.86 -11.09	76.33 2.92 -22.21	66.53 3.37 -12.10	65.35 3.63 -10.67	52.39 3.69 -0.11	47.56 2.92 -6.73	38.52 2.52 -0.46	35.35 2.17 -0.22
WATERSIDE____6 8 9 23538	32.15 1.92 -0.68	30.54 1.68 -0.47	30.17 1.58 -2.63	27.65 1.56 -0.17	28.01 1.43 -0.65	27.52 1.48 0.00	29.57 1.77 -0.17	36.00 1.69 -7.10	37.96 2.05 -4.85	37.98 2.10 -4.94	37.83 2.22 -2.49	39.54 2.40 -0.19	40.43 2.46 -0.74	44.28 2.78 -2.89	44.12 3.12 0.00	48.29 3.40 -1.79	58.83 4.24 -3.54	62.70 4.40 -7.08	58.69 3.78 -3.86	57.62 3.17 -3.40	51.49 2.87 -0.03	41.95 1.90 -2.15	37.75 2.06 -0.15	35.27 2.14 -0.17
WATKINRD_115KV_LN8_ILLION 55919	29.55 0.00 0.00	28.39 0.00 0.00	25.93 -0.03 0.00	25.88 -0.05 0.00	25.90 -0.03 0.00	26.01 -0.03 0.00	27.63 0.00 0.00	27.24 0.03 0.00	31.08 0.03 0.00	31.03 0.09 0.00	33.22 0.10 0.00	37.10 0.15 0.00	37.39 0.15 0.00	38.80 0.19 0.00	41.17 0.16 0.00	43.26 0.17 0.00	51.36 0.31 0.00	51.57 0.36 0.00	51.26 0.20 0.00	51.26 0.20 0.00	48.74 0.15 0.00	38.02 0.11 0.00	35.65 0.11 0.00	33.02 0.07 0.00
WATSON____69_KV_BK 1 55734	52.08 3.49 -19.05	38.62 3.21 -7.01	34.13 2.83 -5.35	31.64 2.80 -2.91	31.35 2.70 -2.73	31.06 2.81 -2.21	35.18 3.18 -4.36	39.23 3.16 -8.85	49.25 3.82 -14.37	59.32 3.81 -24.58	56.86 3.97 -19.77	58.73 4.36 -17.41	59.15 4.32 -17.59	58.45 4.63 -15.22	70.17 5.08 -24.08	67.04 5.30 -18.65	74.62 6.23 -17.33	87.93 6.45 -30.27	76.96 5.92 -19.98	75.80 5.72 -19.03	65.33 5.44 -11.30	64.04 4.02 -22.12	53.17 4.02 -13.61	50.97 3.92 -14.09
WDELAWARE__HYD 323627	31.77 1.62 -0.59	30.45 1.65 -0.41	29.58 1.32 -2.30	27.37 1.30 -0.15	27.69 1.19 -0.57	27.26 1.22 0.00	29.24 1.46 -0.15	35.11 1.47 -6.42	37.02 1.71 -4.26	37.09 1.82 -4.33	37.23 1.92 -2.19	39.30 2.18 -0.16	40.05 2.16 -0.65	43.54 2.39 -2.54	43.71 2.71 0.00	47.60 2.93 -1.57	57.95 3.63 -3.27	61.69 3.94 -6.54	57.89 3.27 -3.56	57.26 3.06 -3.14	51.44 2.82 -0.03	42.09 2.20 -1.98	37.63 1.95 -0.13	34.95 1.84 -0.15
WEST BABYLON__IC 23714	51.85 3.25 -19.05	38.39 2.98 -7.01	33.92 2.62 -5.35	31.43 2.59 -2.91	31.17 2.52 -2.73	30.85 2.60 -2.21	34.95 2.96 -4.36	38.98 2.91 -8.85	48.94 3.51 -14.37	59.04 3.53 -24.58	56.56 3.68 -19.76	58.32 3.95 -17.41	58.77 3.95 -17.58	55.30 4.25 -12.45	67.50 4.63 -21.86	66.65 4.91 -18.65	74.16 5.77 -17.33	84.11 5.99 -26.91	72.10 5.41 -15.63	64.02 5.21 -7.76	59.20 4.91 -5.70	58.41 3.64 -16.87	52.81 3.66 -13.61	50.64 3.59 -14.09
WEST CANADA__HYD 24049	29.61 0.06 0.00	28.45 0.06 0.00	25.98 0.03 0.00	25.95 0.03 0.00	25.95 0.03 0.00	26.09 0.05 0.00	27.69 0.06 0.00	27.27 0.05 0.00	31.12 0.06 0.00	31.00 0.06 0.00	33.19 0.07 0.00	37.03 0.07 0.00	37.32 0.07 0.00	38.72 0.12 0.00	41.09 0.08 0.00	43.18 0.09 0.00	51.21 0.15 0.00	51.42 0.21 0.00	51.21 0.15 0.00	51.21 0.15 0.00	48.69 0.10 0.00	38.02 0.11 0.00	35.61 0.07 0.00	33.02 0.07 0.00
WESTERN_NY_WIND 24143	30.03 0.38 -0.10	28.80 0.34 -0.07	26.13 -0.21 -0.38	25.64 -0.31 -0.02	25.69 -0.34 -0.09	26.30 0.26 0.00	27.71 0.06 -0.02	28.28 0.05 -1.01	31.78 0.03 -0.70	31.77 0.12 -0.71	33.58 0.22 -0.36	37.21 0.04 -0.03	37.31 -0.04 -0.10	38.60 -0.42 -0.42	40.76 -0.24 0.00	43.00 -0.35 -0.26	50.55 -0.76 -0.26	52.12 -0.10 -1.01	50.86 -0.46 -0.26	51.54 0.00 -0.48	48.45 -0.15 0.00	38.29 0.08 -0.31	35.14 -0.42 -0.02	33.21 0.23 -0.02



WESTOVER___LESR 323668	29.97 0.21 -0.21	28.71 0.17 -0.15	26.81 0.03 -0.83	26.01 0.03 -0.05	26.11 -0.03 -0.20	26.32 0.29 0.00	27.96 0.28 -0.05	29.80 0.19 -2.39	32.80 0.22 -1.53	32.71 0.22 -1.55	34.17 0.26 -0.78	37.38 0.37 -0.06	37.73 0.26 -0.23	39.86 0.35 -0.91	41.49 0.37 -0.12	44.61 0.39 -1.13	53.97 0.51 -2.41	55.67 0.82 -3.64	54.42 0.66 -2.70	54.12 0.66 -2.40	50.41 0.58 -1.23	39.27 0.61 -0.75	36.05 0.46 -0.05	33.31 0.30 -0.05
WETHRSFD_WT_PWR 323626	29.53 -0.15 -0.13	28.42 -0.06 -0.09	25.82 -0.62 -0.49	25.39 -0.57 -0.03	25.38 -0.67 -0.12	26.09 0.05 0.00	27.58 -0.08 -0.03	28.18 -0.38 -1.35	31.52 -0.43 -0.90	31.49 -0.37 -0.92	33.25 -0.33 -0.46	37.03 0.04 -0.03	36.82 -0.56 -0.14	38.33 -0.81 -0.54	40.27 -0.74 0.00	42.61 -0.82 -0.33	50.32 -1.12 -0.39	52.01 -0.56 -1.36	50.48 -0.97 -0.40	51.15 -0.56 -0.65	47.87 -0.73 -0.01	38.28 -0.04 -0.41	35.11 -0.46 -0.03	33.12 0.13 -0.03
WHAVSTOR_138KV_BK127 55557	31.80 1.60 -0.65	30.29 1.45 -0.45	29.80 1.32 -2.52	27.39 1.30 -0.16	27.75 1.19 -0.62	27.28 1.25 0.00	29.29 1.49 -0.16	35.45 1.44 -6.79	37.43 1.74 -4.64	37.45 1.79 -4.72	37.43 1.92 -2.38	39.24 2.11 -0.18	39.99 2.05 -0.70	43.61 2.24 -2.77	43.55 2.54 0.00	47.52 2.71 -1.72	57.70 3.27 -3.38	61.36 3.38 -6.77	57.66 2.91 -3.69	56.86 2.55 -3.25	50.96 2.33 -0.03	41.67 1.71 -2.05	37.39 1.71 -0.14	34.86 1.75 -0.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.80 1.60 -0.65	30.29 1.45 -0.45	29.80 1.32 -2.52	27.39 1.30 -0.16	27.75 1.19 -0.62	27.28 1.25 0.00	29.29 1.49 -0.16	35.45 1.44 -6.79	37.43 1.74 -4.64	37.45 1.79 -4.72	37.43 1.92 -2.38	39.24 2.11 -0.18	39.99 2.05 -0.70	43.61 2.24 -2.77	43.55 2.54 0.00	47.52 2.71 -1.72	57.70 3.27 -3.38	61.36 3.38 -6.77	57.66 2.91 -3.69	56.86 2.55 -3.25	50.96 2.33 -0.03	41.67 1.71 -2.05	37.39 1.71 -0.14	34.86 1.75 -0.16
WHITEHAL_115KV_TB1 80871	32.99 2.54 -0.90	31.43 2.41 -0.62	31.50 2.08 -3.47	28.17 2.02 -0.22	28.84 2.05 -0.86	28.22 2.19 0.00	30.20 2.35 -0.22	46.70 2.40 -17.09	40.40 2.95 -6.40	40.26 2.82 -6.51	39.19 2.78 -3.29	40.38 3.18 -0.25	41.41 3.20 -0.97	45.59 3.17 -3.81	44.21 3.20 0.00	48.86 3.40 -2.37	66.37 4.29 -11.03	77.59 4.30 -22.08	67.99 4.90 -12.03	66.82 5.16 -10.61	53.85 5.15 -0.10	48.69 4.09 -6.69	39.51 3.52 -0.45	36.11 2.93 -0.22
WHITEPLN_13_KV_LOAD 356215	32.18 1.95 -0.68	30.65 1.79 -0.47	30.19 1.61 -2.63	27.68 1.58 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.09 1.80 -7.08	38.04 2.14 -4.84	38.18 2.32 -4.92	38.16 2.55 -2.49	39.95 2.81 -0.19	40.84 2.87 -0.73	44.58 3.09 -2.89	44.49 3.49 0.00	48.59 3.71 -1.79	59.13 4.54 -3.53	62.93 4.66 -7.06	58.73 3.83 -3.85	57.87 3.42 -3.39	51.78 3.16 -0.03	42.29 2.24 -2.14	37.85 2.17 -0.15	35.30 2.18 -0.17
WM_FLOYD_69_KV_BK2 356380	52.05 3.46 -19.05	38.56 3.15 -7.01	34.11 2.80 -5.35	31.61 2.77 -2.91	31.33 2.67 -2.73	31.03 2.79 -2.21	35.18 3.18 -4.36	39.23 3.16 -8.85	49.22 3.79 -14.38	59.29 3.77 -24.58	56.80 3.91 -19.77	58.62 4.25 -17.41	59.08 4.25 -17.59	62.07 4.52 -18.95	70.27 4.96 -24.30	66.87 5.13 -18.65	74.46 6.08 -17.33	92.31 6.30 -34.80	82.62 5.72 -25.85	90.90 5.62 -34.23	65.80 5.30 -11.91	65.17 3.90 -23.36	53.10 3.95 -13.61	50.97 3.92 -14.09
WOODARD__115KV_TB2 355635	29.35 -0.27 -0.06	28.15 -0.28 -0.04	25.86 -0.34 -0.25	25.56 -0.39 -0.02	25.63 -0.36 -0.06	25.80 -0.23 0.00	27.43 -0.22 -0.02	27.29 -0.19 -0.26	31.26 -0.25 -0.45	31.21 -0.19 -0.46	33.19 -0.17 -0.23	36.83 -0.15 -0.02	37.12 -0.19 -0.07	38.72 -0.15 -0.27	41.09 -0.16 -0.25	44.30 -0.17 -1.38	53.64 -0.05 -2.64	53.74 0.05 -2.48	54.06 -0.05 -3.06	53.61 -0.05 -2.61	51.13 -0.10 -2.63	37.76 -0.15 0.00	35.33 -0.21 0.00	32.68 -0.30 -0.02
YORK___WARBASSE 23770	32.30 2.07 -0.68	30.62 1.76 -0.47	30.27 1.69 -2.63	27.73 1.63 -0.17	28.08 1.50 -0.65	27.57 1.54 0.00	29.62 1.82 -0.17	36.00 1.69 -7.10	37.99 2.08 -4.85	38.04 2.17 -4.94	37.90 2.29 -2.49	39.66 2.51 -0.19	40.55 2.57 -0.74	44.47 2.97 -2.89	44.25 3.24 0.00	48.42 3.53 -1.79	59.03 4.44 -3.54	62.90 4.61 -7.08	58.95 4.03 -3.86	57.83 3.37 -3.40	51.64 3.01 -0.03	41.99 1.93 -2.15	37.85 2.17 -0.15	35.40 2.27 -0.17