

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/13/2023

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	34.56	35.98	31.56	24.28	24.66	29.26	41.05	38.85	36.20	36.30	33.23	50.75	53.57	35.86	36.03	35.20	66.87	90.92	48.33	41.99	41.02	36.87	38.53	37.18
24138	2.04	1.80	1.51	1.20	1.30	1.65	2.41	2.54	2.52	1.38	2.36	0.61	0.35	0.46	2.70	2.82	5.37	5.49	3.03	3.04	3.02	2.59	2.30	1.95
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.55	36.00	31.59	24.29	24.65	29.26	41.03	38.83	36.17	36.28	33.18	50.75	53.57	35.86	36.00	35.18	66.84	90.98	48.37	42.06	41.10	36.95	38.61	37.26
24260	2.03	1.82	1.54	1.21	1.29	1.65	2.39	2.52	2.49	1.36	2.30	0.61	0.34	0.46	2.68	2.80	5.34	5.55	3.08	3.11	3.11	2.67	2.38	2.04
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.55	36.00	31.59	24.29	24.65	29.26	41.03	38.83	36.17	36.28	33.18	50.75	53.57	35.86	36.00	35.18	66.84	90.98	48.37	42.06	41.10	36.95	38.61	37.26
24261	2.03	1.82	1.54	1.21	1.29	1.65	2.39	2.52	2.49	1.36	2.30	0.61	0.34	0.46	2.68	2.80	5.34	5.55	3.08	3.11	3.11	2.67	2.38	2.04
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
ADK HUDSON__FALLS	33.41	35.92	31.52	24.30	24.62	29.34	41.17	38.54	35.88	41.51	32.99	72.49	78.86	45.15	35.10	33.91	64.63	96.86	50.44	41.38	40.01	36.07	37.86	36.93
24011	1.80	1.74	1.48	1.22	1.27	1.73	2.54	2.23	2.09	1.09	1.96	0.57	0.30	0.34	1.77	1.53	3.09	3.67	2.24	2.27	2.02	1.79	1.63	1.70
	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-22.92	-0.60	-63.50	-73.90	-39.20	-0.04	0.00	-0.18	-32.35	-12.06	-0.69	0.00	0.00	0.00	0.00
ADK RESOURCE__RCVRY	33.62	36.11	31.67	24.43	24.77	29.55	41.52	38.74	36.04	41.60	33.16	72.09	78.36	45.21	35.32	34.12	65.01	97.40	50.76	41.62	40.17	36.17	37.98	37.08
23798	2.01	1.94	1.63	1.35	1.41	1.94	2.88	2.43	2.25	1.17	2.14	0.63	0.34	0.38	1.99	1.73	3.46	4.20	2.57	2.50	2.18	1.89	1.76	1.85
	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-22.92	-0.60	-63.04	-73.37	-39.22	-0.04	0.00	-0.18	-32.36	-12.07	-0.69	0.00	0.00	0.00	0.00
ADK S GLENS__FALLS	33.41	35.92	31.52	24.30	24.62	29.34	41.17	38.54	35.88	41.51	32.99	72.49	78.86	45.15	35.10	33.91	64.63	96.86	50.44	41.38	40.01	36.07	37.86	36.93
24028	1.80	1.74	1.48	1.22	1.27	1.73	2.54	2.23	2.09	1.09	1.96	0.57	0.30	0.34	1.77	1.53	3.09	3.67	2.24	2.27	2.02	1.79	1.63	1.70
	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-22.92	-0.60	-63.50	-73.90	-39.20	-0.04	0.00	-0.18	-32.35	-12.06	-0.69	0.00	0.00	0.00	0.00
ADK_NYS__DAM	33.33	35.89	31.47	24.29	24.60	29.25	40.75	38.21	35.61	40.72	32.62	79.40	86.93	44.05	35.04	33.68	64.13	95.53	49.81	41.35	39.99	35.97	37.72	36.53
23527	1.68	1.71	1.42	1.20	1.25	1.63	2.12	1.90	1.84	0.94	1.61	0.49	0.28	0.33	1.71	1.29	2.58	3.23	1.95	2.26	1.99	1.68	1.49	1.31
	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-22.28	-0.58	-70.50	-82.00	-38.12	-0.04	0.00	-0.17	-31.44	-11.73	-0.67	0.00	0.00	0.00	0.00
AIR_PRODUCTS__DRP	32.17	34.59	30.36	23.40	23.69	28.11	39.31	36.90	34.47	40.51	31.67	51.45	54.71	44.42	33.94	32.99	62.78	94.24	48.81	39.98	38.74	34.89	36.68	35.59
24190	0.55	0.41	0.32	0.31	0.34	0.50	0.67	0.60	0.68	0.38	0.65	0.18	0.09	0.11	0.62	0.60	1.23	1.45	0.78	0.88	0.75	0.61	0.45	0.37
	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-22.63	-0.59	-42.85	-49.97	-38.70	-0.04	0.00	-0.17	-31.94	-11.91	-0.68	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.88	34.10	30.05	23.07	23.29	27.43	38.25	35.86	32.92	17.32	30.07	8.33	4.61	5.55	32.97	32.01	60.67	59.88	35.60	37.86	37.47	33.81	35.85	35.05
355683	-0.31	-0.07	0.00	-0.01	-0.06	-0.19	-0.39	-0.45	-0.44	-0.18	-0.35	-0.08	-0.04	-0.06	-0.32	-0.37	-0.70	-0.97	-0.53	-0.56	-0.52	-0.48	-0.38	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY__1	32.17	34.59	30.36	23.40	23.69	28.11	39.31	36.90	34.47	40.51	31.67	51.45	54.71	44.42	33.94	32.99	62.78	94.24	48.81	39.98	38.74	34.89	36.68	35.59
23571	0.55	0.41	0.32	0.31	0.34	0.50	0.67	0.60	0.68	0.38	0.65	0.18	0.09	0.11	0.62	0.60	1.23	1.45	0.78	0.88	0.75	0.61	0.45	0.37
	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-22.63	-0.59	-42.85	-49.97	-38.70	-0.04	0.00	-0.17	-31.94	-11.91	-0.68	0.00	0.00	0.00	0.00
ALBANY__2	32.17	34.59	30.36	23.40	23.69	28.11	39.31	36.90	34.47	40.51	31.67	51.45	54.71	44.42	33.94	32.99	62.78	94.24	48.81	39.98	38.74	34.89	36.68	35.59
23572	0.55	0.41	0.32	0.31	0.34	0.50	0.67	0.60	0.68	0.38	0.65	0.18	0.09	0.11	0.62	0.60	1.23	1.45	0.78	0.88	0.75	0.61	0.45	0.37
	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-22.63	-0.59	-42.85	-49.97	-38.70	-0.04	0.00	-0.17	-31.94	-11.91	-0.68	0.00	0.00	0.00	0.00
ALBANY__3	32.17	34.59	30.36	23.40	23.69	28.11	39.31	36.90	34.47	40.51	31.67	51.45	54.71	44.42	33.94	32.99	62.78	94.24	48.81	39.98	38.74	34.89	36.68	35.59
23573	0.55	0.41	0.32	0.31	0.34	0.50	0.67	0.60	0.68	0.38	0.65	0.18	0.09	0.11	0.62	0.60	1.23	1.45	0.78	0.88	0.75	0.61	0.45	0.37
	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-22.63	-0.59	-42.85	-49.97	-38.70	-0.04	0.00	-0.17	-31.94	-11.91	-0.68	0.00	0.00	0.00	0.00

ALBANY___4 23574	32.17 0.55 -0.42	34.59 0.41 0.00	30.36 0.32 0.00	23.40 0.31 0.00	23.69 0.34 0.00	28.11 0.50 0.00	39.31 0.67 0.00	36.90 0.60 0.00	34.47 0.68 -0.42	40.51 0.38 -22.63	31.67 0.65 -0.59	51.45 0.18 -42.85	54.71 0.09 -49.97	44.42 0.11 -38.70	33.94 0.62 -0.04	32.99 0.60 0.00	62.78 1.23 -0.17	94.24 1.45 -31.94	48.81 0.78 -11.91	39.98 0.88 -0.68	38.74 0.75 0.00	34.89 0.61 0.00	36.68 0.45 0.00	35.59 0.37 0.00
ALBANY___LFGE 323615	32.51 0.89 -0.42	34.95 0.77 0.00	30.68 0.64 0.00	23.65 0.57 0.00	23.95 0.59 0.00	28.42 0.80 0.00	39.76 1.12 0.00	37.32 1.01 0.00	34.85 1.07 -0.42	40.82 0.58 -22.73	32.04 1.02 -0.59	52.22 0.28 -43.52	55.54 0.15 -50.74	44.66 0.17 -38.88	34.34 1.01 -0.04	33.38 0.99 0.00	63.52 1.97 -0.18	95.12 2.18 -32.09	49.29 1.20 -11.96	40.42 1.31 -0.68	39.16 1.17 0.00	35.26 0.98 0.00	37.07 0.84 0.00	35.95 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	31.03 -0.17 0.00	34.27 0.09 0.00	30.18 0.13 0.00	23.18 0.09 0.00	23.42 0.07 0.00	27.57 -0.04 0.00	38.45 -0.19 0.00	36.04 -0.27 0.00	33.08 -0.28 0.00	17.24 -0.27 0.00	30.18 -0.25 0.00	8.36 -0.05 0.00	4.63 -0.03 0.00	5.56 -0.04 0.00	33.07 -0.22 0.00	32.10 -0.28 0.00	60.83 -0.54 0.00	60.09 -0.76 0.00	35.76 -0.37 0.00	38.04 -0.38 0.00	37.64 -0.35 0.00	33.95 -0.34 0.00	36.00 -0.22 0.00	35.19 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	31.03 -0.17 0.00	34.27 0.09 0.00	30.18 0.13 0.00	23.18 0.09 0.00	23.42 0.07 0.00	27.57 -0.04 0.00	38.45 -0.19 0.00	36.04 -0.27 0.00	33.08 -0.28 0.00	17.24 -0.27 0.00	30.18 -0.25 0.00	8.36 -0.05 0.00	4.63 -0.03 0.00	5.56 -0.04 0.00	33.07 -0.22 0.00	32.10 -0.28 0.00	60.83 -0.54 0.00	60.09 -0.76 0.00	35.76 -0.37 0.00	38.04 -0.38 0.00	37.64 -0.35 0.00	33.95 -0.34 0.00	36.00 -0.22 0.00	35.19 -0.03 0.00
ALCOA___DSASP 323711	31.03 -0.17 0.00	34.27 0.09 0.00	30.18 0.13 0.00	23.18 0.09 0.00	23.42 0.06 0.00	27.57 -0.04 0.00	38.45 -0.19 0.00	36.04 -0.27 0.00	33.08 -0.28 0.00	17.24 -0.27 0.00	30.18 -0.25 0.00	8.36 -0.05 0.00	4.63 -0.03 0.00	5.56 -0.04 0.00	33.07 -0.22 0.00	32.10 -0.28 0.00	60.83 -0.54 0.00	60.09 -0.76 0.00	35.76 -0.37 0.00	38.04 -0.38 0.00	37.64 -0.35 0.00	33.94 -0.34 0.00	36.00 -0.22 0.00	35.19 -0.03 0.00
ALLEGHENY___COGEN 23514	32.28 1.08 0.00	35.32 1.14 0.00	31.04 1.00 0.00	23.68 0.60 0.00	23.97 0.61 0.00	28.50 0.89 0.00	40.04 1.40 0.00	37.63 1.32 0.00	34.20 0.81 -0.03	18.94 -0.04 -1.47	30.49 0.03 -0.04	12.21 -0.04 -3.83	8.96 -0.04 -4.35	8.30 -0.05 -2.74	33.03 -0.27 0.00	32.26 -0.13 0.00	60.87 -0.52 -0.01	62.26 -0.85 -2.26	36.93 0.60 -0.84	39.06 0.60 -0.05	38.93 0.94 0.00	35.43 1.15 0.00	37.51 1.28 0.00	36.17 0.94 0.00
ALTAMONT_115KV_TB 2 55880	32.55 0.93 -0.42	35.01 0.83 0.00	30.74 0.69 0.00	23.67 0.59 0.00	23.97 0.62 0.00	28.43 0.81 0.00	39.77 1.13 0.00	37.37 1.07 0.00	34.87 1.09 -0.42	40.69 0.59 -22.60	32.01 1.00 -0.59	57.36 0.28 -48.67	61.50 0.15 -56.69	44.44 0.18 -38.66	34.35 1.02 -0.04	33.38 1.00 0.00	63.47 1.92 -0.17	94.84 2.09 -31.90	49.23 1.21 -11.90	40.45 1.34 -0.68	39.25 1.26 0.00	35.37 1.09 0.00	37.20 0.98 0.00	36.08 0.86 0.00
ALTONA_WT_PWR 323606	31.72 0.52 0.00	35.20 1.03 0.00	31.08 1.03 0.00	23.90 0.81 0.00	24.20 0.85 0.00	28.49 0.87 0.00	39.48 0.84 0.00	36.70 0.39 0.00	33.79 0.43 0.00	18.02 0.51 0.00	30.97 0.54 0.00	8.62 0.20 0.00	4.76 0.10 0.00	5.71 0.10 0.00	33.63 0.34 0.00	32.59 0.20 0.00	61.51 0.14 0.00	60.62 -0.24 0.00	36.27 0.14 0.00	38.40 -0.02 0.00	37.71 -0.28 0.00	33.83 -0.45 0.00	36.04 -0.19 0.00	35.59 0.37 0.00
AMERICAN_REF_FUEL 24010	30.24 -0.96 0.00	33.24 -0.94 0.00	29.25 -0.79 0.00	22.29 -0.79 0.00	22.46 -0.89 0.00	26.51 -1.10 0.00	36.85 -1.79 0.00	34.46 -1.85 0.00	31.31 -2.08 -0.03	17.68 -1.19 -1.37	28.72 -1.74 -0.04	11.33 -0.51 -3.42	8.35 -0.24 -3.94	7.75 -0.30 -2.44	31.62 -1.68 0.00	30.82 -1.56 0.00	57.68 -3.71 -0.01	58.65 -4.22 -2.02	34.14 -2.74 -0.75	35.50 -2.97 -0.04	35.41 -2.58 0.00	32.40 -1.88 0.00	34.61 -1.62 0.00	33.63 -1.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.36 0.16 0.00	34.37 0.19 0.00	30.24 0.20 0.00	23.06 -0.02 0.00	23.36 0.01 0.00	27.66 0.05 0.00	38.79 0.15 0.00	36.31 0.00 0.00	33.00 -0.39 -0.03	18.72 -0.32 -1.53	30.28 -0.18 -0.04	12.14 -0.09 -3.81	9.00 -0.03 -4.38	8.29 -0.04 -2.72	33.15 -0.14 0.00	32.32 -0.06 0.00	60.89 -0.49 -0.01	62.02 -1.08 -2.25	36.19 -0.77 -0.84	37.53 -0.94 -0.05	37.28 -0.71 0.00	34.20 -0.08 0.00	36.23 0.00 0.00	34.97 -0.25 0.00
ARTHUR_KILL_GT_1 23520	34.39 1.87 -1.33	35.76 1.58 0.00	31.46 1.41 0.00	24.16 1.08 0.00	24.54 1.18 0.00	29.17 1.55 0.00	36.69 1.94 3.89	34.97 2.06 3.40	34.20 2.06 1.22	34.68 1.18 -16.00	32.91 2.03 -0.45	39.11 0.52 -30.18	36.74 0.29 -31.79	35.40 0.40 -29.39	35.47 2.31 0.14	34.48 2.48 0.39	55.94 4.63 10.05	86.46 4.85 -20.75	47.99 2.69 -9.17	41.48 2.70 -0.36	40.78 2.79 0.00	36.76 2.47 -0.01	38.32 2.09 0.00	37.05 1.83 0.00
ARTHUR_KILL_2 23512	34.30 1.77 -1.33	35.65 1.47 0.00	31.37 1.32 0.00	24.09 1.01 0.00	24.47 1.11 0.00	29.08 1.46 0.00	36.56 1.82 3.89	34.84 1.93 3.40	34.09 1.94 1.22	34.62 1.12 -16.00	32.80 1.93 -0.45	39.08 0.49 -30.18	36.72 0.27 -31.79	35.38 0.38 -29.39	35.35 2.19 0.14	34.36 2.37 0.39	55.72 4.40 10.05	86.21 4.61 -20.75	47.85 2.56 -9.17	41.34 2.55 -0.36	40.63 2.64 0.00	36.62 2.33 -0.01	38.20 1.97 0.00	36.95 1.72 0.00
ARTHUR_KILL_3 23513	34.15 1.63 -1.33	35.53 1.35 0.00	31.18 1.13 0.00	23.96 0.88 0.01	24.33 0.98 0.01	28.86 1.25 0.00	34.44 1.79 5.99	34.43 1.93 3.81	33.67 1.92 1.62	34.57 1.07 -15.99	32.73 1.84 -0.45	50.62 0.48 -41.72	53.49 0.27 -48.57	35.77 0.37 -29.79	35.50 2.18 -0.03	34.90 2.34 -0.18	65.96 4.45 -0.13	90.05 4.62 -24.58	47.78 2.49 -9.17	41.25 2.47 -0.36	40.50 2.51 0.00	36.41 2.12 0.00	38.00 1.80 0.03	36.73 1.51 0.00
ARTHUR_KILL_COGEN 323718	34.39 1.87 -1.33	35.76 1.58 0.00	31.46 1.41 0.00	24.16 1.08 0.00	24.54 1.18 0.00	29.17 1.55 0.00	36.69 1.94 3.89	34.97 2.06 3.40	34.20 2.06 1.22	34.68 1.18 -16.00	32.91 2.03 -0.45	39.11 0.52 -30.18	36.74 0.29 -31.79	35.40 0.40 -29.39	35.47 2.31 0.14	34.48 2.48 0.39	55.94 4.63 10.05	86.46 4.85 -20.75	47.99 2.69 -9.17	41.48 2.70 -0.36	40.78 2.79 0.00	36.76 2.47 -0.01	38.32 2.09 0.00	37.05 1.83 0.00
ASHOKAN____ 23654	33.03 1.56 -0.27	35.60 1.43 0.00	31.22 1.17 0.00	24.08 0.99 0.00	24.41 1.06 0.00	28.97 1.36 0.00	40.64 2.00 0.00	38.30 1.99 0.00	35.73 2.00 -0.37	38.28 0.93 -19.85	32.81 1.87 -0.52	51.35 0.45 -42.49	54.41 0.26 -49.49	39.87 0.31 -33.95	35.13 1.80 -0.03	34.15 1.76 0.00	65.14 3.62 -0.15	92.51 3.64 -28.02	48.83 2.26 -10.45	41.62 2.60 -0.60	40.43 2.44 0.00	36.32 2.04 0.00	38.07 1.84 0.00	36.79 1.57 0.00

ASTORIA_EAST_ENERGY_CC1 323581	34.19 1.67 -1.33	35.59 1.41 0.00	31.23 1.18 0.00	24.05 0.97 0.00	24.40 1.04 0.00	28.96 1.35 0.00	40.51 1.87 0.00	38.36 2.06 0.00	35.74 2.05 -0.33	36.04 1.12 -17.42	32.77 1.89 -0.45	50.62 0.49 -41.72	53.50 0.27 -48.57	35.77 0.37 -29.79	35.51 2.19 -0.03	34.76 2.37 0.00	65.93 4.42 -0.13	90.17 4.74 -24.58	47.84 2.55 -9.17	41.51 2.56 -0.53	40.60 2.61 0.00	36.50 2.22 0.00	38.13 1.90 0.00	36.86 1.64 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.19 1.67 -1.33	35.59 1.41 0.00	31.23 1.18 0.00	24.05 0.97 0.00	24.40 1.04 0.00	28.96 1.35 0.00	40.51 1.87 0.00	38.36 2.06 0.00	35.74 2.05 -0.33	36.04 1.12 -17.42	32.77 1.89 -0.45	50.62 0.49 -41.72	53.50 0.27 -48.57	35.77 0.37 -29.79	35.51 2.19 -0.03	34.76 2.37 0.00	65.93 4.42 -0.13	90.17 4.74 -24.58	47.84 2.55 -9.17	41.51 2.56 -0.53	40.60 2.61 0.00	36.50 2.22 0.00	38.13 1.90 0.00	36.86 1.64 0.00
ASTORIA_GT2_1 24094	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT2_2 24095	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT2_3 24096	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT2_4 24097	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT3_1 24098	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT3_2 24099	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT3_3 24100	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT3_4 24101	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT4_1 24102	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT4_2 24103	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT4_3 24104	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT4_4 24105	34.20 1.68 -1.33	35.61 1.43 0.00	31.25 1.21 0.00	24.08 0.99 0.00	24.40 1.05 0.00	28.97 1.36 0.00	40.53 1.89 0.00	38.38 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.77 1.89 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.20 -0.03	34.77 2.39 0.00	65.98 4.47 -0.13	90.20 4.77 -24.58	47.86 2.57 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.16 1.93 0.00	36.88 1.66 0.00
ASTORIA_GT_1 23523	34.28 1.75 -1.33	35.68 1.50 0.00	31.31 1.26 0.00	24.11 1.02 0.00	24.46 1.10 0.00	29.03 1.42 0.00	40.61 1.98 0.00	38.47 2.17 0.00	35.84 2.15 -0.33	36.09 1.17 -17.42	32.86 1.98 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.61 2.29 -0.03	34.86 2.48 0.00	66.12 4.62 -0.13	90.36 4.93 -24.58	47.95 2.66 -9.17	41.63 2.67 -0.53	40.72 2.73 0.00	36.61 2.32 0.00	38.24 2.01 0.00	36.96 1.74 0.00

ASTORIA_GT_10 24110	34.29 1.76 -1.33	35.71 1.53 0.00	31.35 1.30 0.00	24.12 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.66 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.30 2.07 0.00	37.00 1.78 0.00
ASTORIA_GT_11 24225	34.29 1.76 -1.33	35.71 1.53 0.00	31.35 1.30 0.00	24.12 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.66 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.30 2.07 0.00	37.00 1.78 0.00
ASTORIA_GT_12 24226	34.29 1.76 -1.33	35.71 1.53 0.00	31.35 1.30 0.00	24.12 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.66 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.30 2.07 0.00	37.00 1.78 0.00
ASTORIA_GT_13 24227	34.29 1.76 -1.33	35.71 1.53 0.00	31.35 1.30 0.00	24.12 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.66 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.30 2.07 0.00	37.00 1.78 0.00
ASTORIA_GT_5 24106	34.28 1.75 -1.33	35.68 1.50 0.00	31.31 1.26 0.00	24.11 1.02 0.00	24.46 1.10 0.00	29.03 1.42 0.00	40.61 1.98 0.00	38.47 2.17 0.00	35.84 2.15 -0.33	36.09 1.17 -17.42	32.86 1.98 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.61 2.29 -0.03	34.86 2.48 0.00	66.12 4.62 -0.13	90.36 4.93 -24.58	47.95 2.66 -9.17	41.63 2.67 -0.53	40.72 2.73 0.00	36.61 2.32 0.00	38.24 2.01 0.00	36.96 1.74 0.00
ASTORIA_GT_7 24107	34.28 1.75 -1.33	35.68 1.50 0.00	31.31 1.26 0.00	24.11 1.02 0.00	24.46 1.10 0.00	29.03 1.42 0.00	40.61 1.98 0.00	38.47 2.17 0.00	35.84 2.15 -0.33	36.09 1.17 -17.42	32.86 1.98 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.61 2.29 -0.03	34.86 2.48 0.00	66.12 4.62 -0.13	90.36 4.93 -24.58	47.95 2.66 -9.17	41.63 2.67 -0.53	40.72 2.73 0.00	36.61 2.32 0.00	38.24 2.01 0.00	36.96 1.74 0.00
ASTORIA_GT_8 24108	34.27 1.74 -1.33	35.68 1.50 0.00	31.32 1.27 0.00	24.12 1.04 0.00	24.45 1.09 0.00	29.03 1.41 0.00	40.61 1.98 0.00	38.47 2.16 0.00	35.84 2.15 -0.33	36.09 1.17 -17.42	32.85 1.97 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.61 2.29 -0.03	34.87 2.48 0.00	66.13 4.62 -0.13	90.37 4.93 -24.58	47.95 2.65 -9.17	41.63 2.67 -0.53	40.72 2.73 0.00	36.61 2.33 0.00	38.24 2.01 0.00	36.97 1.74 0.00
ASTORIA___2 24149	34.21 1.69 -1.33	35.61 1.43 0.00	31.25 1.20 0.00	24.06 0.98 0.00	24.41 1.06 0.00	28.98 1.36 0.00	40.52 1.89 0.00	38.39 2.08 0.00	35.76 2.07 -0.33	36.05 1.13 -17.42	32.78 1.90 -0.45	50.63 0.49 -41.72	53.50 0.27 -48.57	35.77 0.38 -29.79	35.53 2.21 -0.03	34.78 2.39 0.00	65.97 4.47 -0.13	90.20 4.77 -24.58	47.86 2.56 -9.17	41.53 2.58 -0.53	40.63 2.64 0.00	36.52 2.24 0.00	38.15 1.93 0.00	36.87 1.65 0.00
ASTORIA___3 23516	34.29 1.77 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.66 2.02 0.00	38.50 2.20 0.00	35.88 2.20 -0.33	36.12 1.20 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.29 2.07 0.00	36.99 1.77 0.00
ASTORIA___4 23517	34.29 1.76 -1.33	35.71 1.53 0.00	31.35 1.30 0.00	24.12 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.66 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.30 2.07 0.00	37.00 1.78 0.00
ASTORIA___5 23518	34.29 1.77 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.66 2.02 0.00	38.50 2.20 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.93 2.54 0.00	66.24 4.73 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.29 2.07 0.00	36.99 1.77 0.00
AST_ENERGY_2_CC3 323677	34.27 1.74 -1.33	35.67 1.49 0.00	31.29 1.25 0.00	24.08 0.99 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.61 1.97 0.00	38.42 2.11 0.00	35.79 2.10 -0.33	36.08 1.15 -17.42	32.85 1.97 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.62 2.29 -0.03	34.81 2.43 0.00	66.16 4.65 -0.13	90.28 4.85 -24.58	47.96 2.66 -9.17	41.62 2.67 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.90 1.68 0.00
AST_ENERGY_2_CC4 323678	34.27 1.74 -1.33	35.67 1.49 0.00	31.29 1.25 0.00	24.08 0.99 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.61 1.97 0.00	38.42 2.11 0.00	35.79 2.10 -0.33	36.08 1.15 -17.42	32.85 1.97 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.62 2.29 -0.03	34.81 2.43 0.00	66.16 4.65 -0.13	90.28 4.85 -24.58	47.96 2.66 -9.17	41.62 2.67 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.90 1.68 0.00
ATHENS_STG_1 23668	32.72 1.04 -0.48	35.06 0.88 0.00	30.78 0.74 0.00	23.72 0.64 0.00	24.04 0.68 0.00	28.48 0.86 0.00	39.82 1.18 0.00	37.49 1.18 0.00	34.95 1.20 -0.39	38.84 0.66 -20.67	32.08 1.12 -0.54	58.21 0.30 -49.49	62.44 0.16 -57.62	41.18 0.21 -35.36	34.57 1.24 -0.03	33.63 1.25 0.00	63.92 2.39 -0.16	92.56 2.53 -29.18	48.43 1.42 -10.88	40.57 1.52 -0.63	39.47 1.48 0.00	35.60 1.32 0.00	37.46 1.23 0.00	36.29 1.06 0.00
ATHENS_STG_2 23670	32.72 1.04 -0.48	35.06 0.88 0.00	30.78 0.74 0.00	23.72 0.64 0.00	24.04 0.68 0.00	28.48 0.86 0.00	39.82 1.18 0.00	37.49 1.18 0.00	34.95 1.20 -0.39	38.84 0.66 -20.67	32.08 1.12 -0.54	58.21 0.30 -49.49	62.44 0.16 -57.62	41.18 0.21 -35.36	34.57 1.24 -0.03	33.63 1.25 0.00	63.92 2.39 -0.16	92.56 2.53 -29.18	48.43 1.42 -10.88	40.57 1.52 -0.63	39.47 1.48 0.00	35.60 1.32 0.00	37.46 1.23 0.00	36.29 1.06 0.00

ATHENS_STG_3 23677	32.72 1.04 -0.48	35.06 0.88 0.00	30.78 0.74 0.00	23.72 0.64 0.00	24.04 0.68 0.00	28.48 0.86 0.00	39.82 1.18 0.00	37.49 1.18 0.00	34.95 1.20 -0.39	38.84 0.66 -20.67	32.08 1.12 -0.54	58.21 0.30 -49.49	62.44 0.16 -57.62	41.18 0.21 -35.36	34.57 1.24 -0.03	33.63 1.25 0.00	63.92 2.39 -0.16	92.56 2.53 -29.18	48.43 1.42 -10.88	40.57 1.52 -0.63	39.47 1.48 0.00	35.60 1.32 0.00	37.46 1.23 0.00	36.29 1.06 0.00
AUBURN____LFGE 323710	31.71 0.51 0.00	34.57 0.39 0.00	30.44 0.40 0.00	23.35 0.27 0.00	23.48 0.12 0.00	27.92 0.31 0.00	39.24 0.60 0.00	36.87 0.56 0.00	33.76 0.38 -0.02	18.91 0.16 -1.24	30.77 0.32 -0.03	11.48 0.07 -2.99	8.17 0.04 -3.47	7.79 0.04 -2.14	33.57 0.27 0.00	32.70 0.32 0.00	62.00 0.62 -0.01	63.27 0.65 -1.76	37.21 0.43 -0.66	38.91 0.44 -0.04	38.51 0.52 0.00	34.79 0.51 0.00	36.73 0.50 0.00	35.67 0.44 0.00
BABYLON_RES_REC 323704	35.01 2.49 -1.32	36.51 2.34 0.00	31.97 1.92 0.00	24.60 1.52 0.00	25.01 1.66 0.00	29.56 1.95 0.00	40.83 2.20 0.00	38.64 2.34 0.00	36.31 2.63 -0.33	36.34 1.41 -17.42	33.50 2.62 -0.45	50.75 0.59 -41.74	53.60 0.35 -48.60	37.27 0.49 -31.17	49.04 2.88 -12.87	103.88 2.97 -68.53	83.20 5.42 -16.41	91.33 5.88 -24.59	49.91 3.22 -10.56	43.55 3.46 -1.66	73.30 3.85 -31.46	45.40 3.34 -7.78	39.29 3.07 0.00	37.87 2.65 0.00
BABYLON__69_KV_BK2 356345	35.40 2.89 -1.32	36.93 2.75 0.00	32.33 2.29 0.00	24.88 1.80 0.00	25.27 1.91 0.00	30.03 2.42 0.00	41.57 2.93 0.00	39.35 3.04 0.00	37.00 3.31 -0.33	36.70 1.77 -17.42	34.16 3.28 -0.45	50.93 0.78 -41.74	53.70 0.45 -48.59	37.38 0.60 -31.17	49.71 3.54 -12.87	137.49 3.69 -101.42	111.80 6.60 -43.82	92.40 6.96 -24.59	51.88 3.94 -11.82	46.70 4.18 -4.09	73.90 4.45 -31.46	45.97 3.86 -7.83	39.83 3.60 0.00	38.37 3.15 0.00
BALL_HILL_WT_PWR 323825	30.98 -0.22 0.00	33.97 -0.20 0.00	29.84 -0.20 0.00	22.78 -0.30 0.00	23.08 -0.28 0.00	27.30 -0.31 0.00	38.18 -0.46 0.00	35.73 -0.58 0.00	32.49 -0.90 -0.03	18.40 -0.60 -1.49	29.76 -0.70 -0.04	11.90 -0.24 -3.72	8.83 -0.10 -4.28	8.14 -0.12 -2.66	32.72 -0.57 0.00	31.96 -0.42 0.00	60.15 -1.23 -0.01	61.11 -1.94 -2.19	35.63 -1.32 -0.82	36.98 -1.50 -0.05	36.87 -1.12 0.00	33.69 -0.59 0.00	35.74 -0.49 0.00	34.52 -0.71 0.00
BARON_WINDS____WT_PWR 323822	31.04 -0.15 0.00	33.97 -0.20 0.00	29.87 -0.18 0.00	22.84 -0.25 0.00	23.21 -0.15 0.00	27.54 -0.07 0.00	38.66 0.03 0.00	36.25 -0.06 0.00	33.10 -0.29 -0.03	18.93 -0.27 -1.70	30.04 -0.43 -0.05	13.01 -0.19 -4.79	9.84 -0.12 -5.31	8.90 -0.12 -3.42	32.70 -0.60 0.00	31.96 -0.43 0.00	60.39 -1.00 -0.02	62.18 -1.50 -2.82	36.23 -0.95 -1.05	37.48 -1.00 -0.06	37.28 -0.71 0.00	34.06 -0.23 0.00	36.05 -0.18 0.00	34.86 -0.36 0.00
BARRETT_IC_1 23704	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_10 23701	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_11 23702	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_12 23703	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_2 23705	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_3 23706	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_4 23707	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_5 23708	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_6 23709	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00

BARRETT_IC_7 23710	34.65 2.13 -1.32	36.15 1.98 0.00	31.67 1.62 0.00	24.38 1.30 0.00	24.76 1.40 0.00	29.39 1.78 0.00	40.79 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.34 2.46 -0.45	50.73 0.57 -41.74	53.56 0.32 -48.59	37.24 0.46 -31.17	48.89 2.72 -12.87	87.82 2.70 -52.73	69.77 5.02 -3.38	91.02 5.57 -24.59	49.09 2.98 -9.98	41.94 2.98 -0.53	72.49 3.04 -31.46	44.73 2.68 -7.76	38.73 2.50 0.00	37.39 2.17 0.00
BARRETT_IC_8 23711	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT_IC_9 23700	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT___1 23545	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BARRETT___2 23546	34.66 2.14 -1.33	36.16 1.97 -0.01	31.67 1.62 0.00	24.38 1.29 0.00	24.78 1.42 -0.01	29.42 1.80 -0.01	40.80 2.16 0.00	38.59 2.28 0.00	36.15 2.47 -0.33	36.26 1.33 -17.42	33.35 2.46 -0.46	50.73 0.57 -41.74	53.57 0.32 -48.60	37.25 0.46 -31.18	48.90 2.73 -12.88	87.82 2.70 -52.73	69.78 5.03 -3.39	91.02 5.57 -24.60	49.10 2.98 -9.99	41.94 2.99 -0.53	72.49 3.04 -31.46	44.72 2.68 -7.76	38.73 2.50 0.00	37.37 2.15 0.00
BATAVIA___115KV_TB1 55881	31.47 0.28 0.00	34.51 0.33 0.00	30.33 0.28 0.00	23.14 0.06 0.00	23.37 0.01 0.00	27.66 0.04 0.00	38.60 -0.03 0.00	36.21 -0.09 0.00	32.93 -0.45 -0.02	18.42 -0.37 -1.29	30.00 -0.46 -0.03	11.45 -0.17 -3.20	8.29 -0.05 -3.68	7.80 -0.09 -2.29	32.85 -0.45 0.00	32.07 -0.31 0.00	60.34 -1.04 -0.01	61.48 -1.26 -1.89	35.96 -0.87 -0.70	37.55 -0.91 -0.04	37.40 -0.59 0.00	34.08 -0.21 0.00	36.23 0.00 0.00	35.00 -0.22 0.00
BAYONEEC___CTG1 323682	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG10 323750	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG2 323683	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG3 323684	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG4 323685	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG5 323686	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG6 323687	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG7 323688	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BAYONEEC___CTG8 323689	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00

BAYONEEC___CTG9 323749	34.29 1.76 -1.33	35.69 1.51 0.00	31.32 1.27 0.00	24.08 1.00 0.00	24.45 1.10 0.00	29.01 1.39 0.00	40.63 1.99 0.00	38.43 2.12 0.00	35.77 2.09 -0.32	36.07 1.15 -17.42	32.85 1.97 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 0.00	66.16 4.65 -0.13	90.29 4.86 -24.58	47.96 2.66 -9.17	41.61 2.66 -0.53	40.67 2.68 0.00	36.56 2.28 0.00	38.22 1.99 0.00	36.91 1.69 0.00
BEACON___LESR 323632	32.58 0.96 -0.42	34.99 0.81 0.00	30.72 0.67 0.00	23.68 0.60 0.00	24.02 0.67 0.00	28.54 0.92 0.00	40.02 1.38 0.00	37.57 1.26 0.00	34.99 1.21 -0.42	40.81 0.69 -22.62	32.17 1.15 -0.59	50.28 0.32 -41.54	53.27 0.16 -48.45	44.48 0.20 -38.68	34.48 1.15 -0.04	33.54 1.15 0.00	63.98 2.44 -0.17	95.35 2.57 -31.92	49.43 1.40 -11.90	40.70 1.60 -0.68	39.37 1.38 0.00	35.47 1.19 0.00	37.27 1.05 0.00	36.06 0.83 0.00
BEAVER RIVER___HYD 24048	31.72 0.52 0.00	34.67 0.49 0.00	30.34 0.29 0.00	23.20 0.12 0.00	23.67 0.31 0.00	28.13 0.52 0.00	39.61 0.98 0.00	37.27 0.97 0.00	34.17 0.81 -0.01	18.22 0.31 -0.41	30.79 0.36 -0.01	9.41 0.01 -0.99	5.71 -0.10 -1.15	6.17 -0.15 -0.70	32.34 -0.96 0.00	31.47 -0.91 0.00	59.86 -1.52 0.00	61.04 -0.40 -0.58	36.56 0.22 -0.22	39.18 0.75 -0.01	38.42 0.43 0.00	34.47 0.18 0.00	36.59 0.36 0.00	35.68 0.46 0.00
BEEBEE_GT_13 23619	31.12 -0.07 0.00	34.11 -0.07 0.00	29.96 -0.08 0.00	22.90 -0.18 0.00	23.13 -0.23 0.00	27.38 -0.24 0.00	38.29 -0.35 0.00	35.97 -0.34 0.00	32.81 -0.57 -0.02	18.27 -0.38 -1.15	30.02 -0.43 -0.03	11.12 -0.14 -2.85	7.89 -0.05 -3.28	7.57 -0.07 -2.04	32.89 -0.41 0.00	32.08 -0.31 0.00	60.46 -0.92 -0.01	61.38 -1.16 -1.68	35.98 -0.77 -0.63	37.63 -0.83 -0.04	37.38 -0.61 0.00	33.94 -0.34 0.00	36.02 -0.20 0.00	34.80 -0.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.70 2.17 -1.33	36.12 1.94 0.00	31.71 1.67 0.00	24.37 1.28 0.00	24.73 1.37 0.00	29.38 1.77 0.00	41.06 2.43 0.00	38.85 2.55 0.00	36.20 2.52 -0.33	36.32 1.39 -17.42	33.28 2.40 -0.45	50.78 0.64 -41.72	53.58 0.36 -48.57	35.87 0.48 -29.79	36.11 2.79 -0.03	35.58 2.95 -0.24	67.05 5.54 -0.13	91.18 5.74 -24.58	48.48 3.19 -9.17	42.19 3.23 -0.53	41.29 3.30 0.00	37.18 2.89 -0.01	38.77 2.54 0.00	37.45 2.23 0.00
BETHLEHEM___GRP 23843	32.17 0.55 -0.42	34.59 0.41 0.00	30.36 0.32 0.00	23.40 0.31 0.00	23.69 0.34 0.00	28.11 0.50 0.00	39.31 0.67 0.00	36.90 0.60 0.00	34.47 0.68 -0.42	40.51 0.38 -22.63	31.67 0.65 -0.59	51.45 0.18 -42.85	54.71 0.09 -49.97	44.42 0.11 -38.70	33.94 0.62 -0.04	32.99 0.60 0.00	62.78 1.23 -0.17	94.24 1.45 -31.94	48.81 0.78 -11.91	39.98 0.88 -0.68	38.74 0.75 0.00	34.89 0.61 0.00	36.68 0.45 0.00	35.59 0.37 0.00
BETHLEHEM___GS1 323560	32.17 0.55 -0.42	34.59 0.41 0.00	30.36 0.31 0.00	23.41 0.32 0.00	23.70 0.34 0.00	28.11 0.50 0.00	39.31 0.67 0.00	36.91 0.60 0.00	34.47 0.68 -0.42	40.51 0.38 -22.63	31.67 0.65 -0.59	51.45 0.18 -42.85	54.71 0.09 -49.97	44.41 0.11 -38.70	33.94 0.62 -0.04	32.99 0.60 0.00	62.78 1.23 -0.17	94.24 1.44 -31.94	48.82 0.78 -11.91	39.98 0.88 -0.68	38.74 0.75 0.00	34.89 0.61 0.00	36.68 0.45 0.00	35.58 0.36 0.00
BETHLEHEM___GS2 323561	32.17 0.55 -0.42	34.59 0.41 0.00	30.36 0.31 0.00	23.41 0.32 0.00	23.70 0.34 0.00	28.11 0.50 0.00	39.31 0.67 0.00	36.91 0.60 0.00	34.47 0.68 -0.42	40.51 0.38 -22.63	31.67 0.65 -0.59	51.45 0.18 -42.85	54.71 0.09 -49.97	44.41 0.11 -38.70	33.94 0.62 -0.04	32.99 0.60 0.00	62.78 1.23 -0.17	94.24 1.44 -31.94	48.82 0.78 -11.91	39.98 0.88 -0.68	38.74 0.75 0.00	34.89 0.61 0.00	36.68 0.45 0.00	35.58 0.36 0.00
BETHLEHEM___GS3 323562	32.17 0.55 -0.42	34.59 0.41 0.00	30.36 0.31 0.00	23.41 0.32 0.00	23.70 0.34 0.00	28.11 0.50 0.00	39.31 0.67 0.00	36.91 0.60 0.00	34.47 0.68 -0.42	40.51 0.38 -22.63	31.67 0.65 -0.59	51.45 0.18 -42.85	54.71 0.09 -49.97	44.41 0.11 -38.70	33.94 0.62 -0.04	32.99 0.60 0.00	62.78 1.23 -0.17	94.24 1.44 -31.94	48.82 0.78 -11.91	39.98 0.88 -0.68	38.74 0.75 0.00	34.89 0.61 0.00	36.68 0.45 0.00	35.58 0.36 0.00
BETHLEHEM___STEEL 23779	30.94 -0.26 0.00	33.96 -0.22 0.00	29.85 -0.20 0.00	22.78 -0.30 0.00	23.02 -0.33 0.00	27.21 -0.40 0.00	37.94 -0.70 0.00	35.53 -0.78 0.00	32.30 -1.09 -0.03	18.26 -0.69 -1.45	29.60 -0.86 -0.04	11.76 -0.28 -3.63	8.70 -0.12 -4.17	8.05 -0.15 -2.59	32.53 -0.77 0.00	31.74 -0.65 0.00	59.58 -1.80 -0.01	60.54 -2.45 -2.14	35.34 -1.58 -0.80	36.76 -1.71 -0.05	36.66 -1.33 0.00	33.49 -0.79 0.00	35.63 -0.60 0.00	34.41 -0.82 0.00
BETHLHEM_115KV_TB1 79974	32.26 0.64 -0.42	34.68 0.50 0.00	30.45 0.40 0.00	23.46 0.37 0.00	23.75 0.40 0.00	28.18 0.57 0.00	39.41 0.77 0.00	37.01 0.70 0.00	34.55 0.77 -0.42	40.55 0.43 -22.62	31.75 0.73 -0.59	52.26 0.20 -43.65	55.64 0.10 -50.88	44.41 0.12 -38.68	34.04 0.71 -0.04	33.08 0.69 0.00	62.95 1.40 -0.17	94.35 1.58 -31.93	48.89 0.86 -11.90	40.07 0.97 -0.68	38.85 0.86 0.00	34.99 0.71 0.00	36.79 0.57 0.00	35.70 0.47 0.00
BETHPAGE_CC_5 323564	34.75 2.23 -1.32	36.23 2.05 0.00	31.73 1.68 0.00	24.46 1.38 0.00	24.87 1.52 0.00	29.53 1.92 0.00	40.94 2.31 0.00	38.77 2.46 0.00	36.38 2.70 -0.33	36.37 1.45 -17.42	33.52 2.64 -0.45	50.77 0.62 -41.74	53.61 0.36 -48.60	37.29 0.51 -31.17	49.14 2.97 -12.87	93.11 3.04 -57.68	74.28 5.61 -7.30	91.43 5.98 -24.60	49.55 3.28 -10.14	42.68 3.42 -0.84	72.99 3.54 -31.46	45.20 3.15 -7.77	39.13 2.90 0.00	37.73 2.51 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.00 -0.20 0.00	34.02 -0.16 0.00	29.90 -0.15 0.00	22.81 -0.27 0.00	23.07 -0.29 0.00	27.27 -0.35 0.00	38.04 -0.59 0.00	35.63 -0.67 0.00	32.39 -0.99 -0.03	18.32 -0.65 -1.47	29.69 -0.77 -0.04	11.81 -0.27 -3.67	8.76 -0.11 -4.21	8.08 -0.14 -2.62	32.60 -0.70 0.00	31.82 -0.57 0.00	59.73 -1.65 -0.01	60.68 -2.34 -2.16	35.43 -1.50 -0.81	36.85 -1.62 -0.05	36.74 -1.25 0.00	33.57 -0.71 0.00	35.70 -0.53 0.00	34.48 -0.74 0.00
BINGHAMTON___COGEN 23790	31.33 0.13 0.00	34.24 0.06 0.00	30.04 -0.01 0.00	23.05 -0.03 0.00	23.41 0.05 0.00	27.73 0.12 0.00	38.94 0.31 0.00	36.60 0.30 0.00	33.58 0.16 -0.05	20.41 0.03 -2.88	30.58 0.08 -0.07	15.23 0.01 -6.81	12.62 0.01 -7.96	10.49 0.02 -4.86	33.48 0.18 0.00	32.68 0.29 0.00	62.02 0.63 -0.02	65.26 0.40 -4.01	37.78 0.16 -1.50	38.63 0.12 -0.09	38.24 0.24 0.00	34.57 0.29 0.00	36.41 0.19 0.00	35.22 0.00 0.00
BIXINCNT_115KV_LOAD 355685	31.17 -0.03 0.00	34.12 -0.06 0.00	30.01 -0.03 0.00	22.96 -0.13 0.00	23.26 -0.10 0.00	27.58 -0.03 0.00	38.57 -0.06 0.00	36.18 -0.13 0.00	32.86 -0.53 -0.03	18.61 -0.44 -1.55	30.05 -0.41 -0.04	12.05 -0.20 -3.84	8.98 -0.09 -4.42	8.23 -0.12 -2.74	32.73 -0.56 0.00	31.94 -0.45 0.00	59.98 -1.41 -0.01	60.94 -2.18 -2.26	35.71 -1.26 -0.84	37.21 -1.26 -0.05	37.08 -0.91 0.00	33.97 -0.32 0.00	36.19 -0.04 0.00	34.82 -0.40 0.00

BLACK RIVER___HYD 24047	32.19 0.99 0.00	35.09 0.91 0.00	30.66 0.61 0.00	23.44 0.35 0.00	23.96 0.60 0.00	28.51 0.90 0.00	40.27 1.63 0.00	37.90 1.59 0.00	34.71 1.34 -0.01	18.62 0.55 -0.57	31.14 0.70 -0.02	9.85 0.06 -1.37	6.15 -0.10 -1.59	6.45 -0.13 -0.98	32.48 -0.82 0.00	31.47 -0.91 0.00	60.01 -1.37 0.00	61.60 -0.06 -0.81	36.95 0.53 -0.30	39.78 1.34 -0.02	38.88 0.89 0.00	34.93 0.65 0.00	37.08 0.86 0.00	36.12 0.90 0.00
BLACKRVR_115KV_TB2 79977	32.19 0.99 0.00	35.09 0.91 0.00	30.66 0.61 0.00	23.44 0.35 0.00	23.97 0.61 0.00	28.53 0.91 0.00	40.26 1.63 0.00	37.91 1.60 0.00	34.71 1.34 -0.01	18.62 0.55 -0.57	31.14 0.70 -0.02	9.85 0.06 -1.37	6.15 -0.10 -1.59	6.45 -0.13 -0.98	32.48 -0.82 0.00	31.47 -0.91 0.00	60.01 -1.37 0.00	61.60 -0.06 -0.81	36.95 0.53 -0.30	39.78 1.34 -0.02	38.88 0.89 0.00	34.94 0.65 0.00	37.08 0.86 0.00	36.11 0.88 0.00
BLISS_WT_PWR 323608	31.17 -0.03 0.00	34.13 -0.05 0.00	30.04 0.00 0.00	22.97 -0.11 0.00	23.24 -0.12 0.00	27.58 -0.03 0.00	38.62 -0.01 0.00	36.21 -0.09 0.00	32.89 -0.50 -0.03	18.63 -0.42 -1.54	30.06 -0.40 -0.04	12.05 -0.20 -3.84	8.98 -0.09 -4.42	8.22 -0.12 -2.74	32.68 -0.61 0.00	31.89 -0.49 0.00	59.87 -1.51 -0.01	60.85 -2.26 -2.26	35.70 -1.28 -0.84	37.22 -1.25 -0.05	37.08 -0.91 0.00	33.99 -0.29 0.00	36.22 -0.01 0.00	34.88 -0.34 0.00
BLUESTONE___WT_PWR 323821	32.60 1.40 0.00	35.62 1.44 0.00	31.25 1.20 0.00	24.00 0.91 0.00	24.38 1.02 0.00	28.93 1.32 0.00	40.73 2.10 0.00	38.52 2.21 0.00	35.29 1.87 -0.06	21.69 0.92 -3.26	32.02 1.51 -0.08	16.58 0.41 -7.76	13.97 0.26 -9.05	11.45 0.30 -5.54	35.20 1.90 0.00	34.33 1.95 0.00	65.28 3.89 -0.03	69.14 3.72 -4.57	39.76 1.93 -1.71	40.90 2.38 -0.10	40.41 2.42 0.00	36.27 1.99 0.00	38.04 1.81 0.00	36.55 1.33 0.00
BLUE_CIRC_CHEM_DRP 24182	32.67 1.08 -0.40	35.17 0.99 0.00	30.88 0.83 0.00	23.79 0.70 0.00	24.10 0.74 0.00	28.56 0.94 0.00	39.94 1.30 0.00	37.48 1.18 0.00	34.97 1.19 -0.42	40.34 0.64 -22.20	32.11 1.10 -0.58	54.37 0.31 -45.65	58.01 0.16 -53.20	43.76 0.19 -37.96	34.42 1.10 -0.04	33.42 1.04 0.00	63.56 2.02 -0.17	94.37 2.19 -31.33	49.06 1.25 -11.68	40.51 1.42 -0.67	39.31 1.32 0.00	35.44 1.15 0.00	37.29 1.06 0.00	36.19 0.97 0.00
BOC_GAS_DRP 24189	32.43 0.81 -0.42	34.88 0.70 0.00	30.62 0.58 0.00	23.59 0.51 0.00	23.89 0.53 0.00	28.32 0.71 0.00	39.60 0.97 0.00	37.22 0.91 0.00	34.72 0.94 -0.42	40.58 0.52 -22.56	31.89 0.88 -0.59	56.71 0.24 -48.06	60.77 0.13 -55.99	44.35 0.16 -38.59	34.25 0.92 -0.04	33.29 0.90 0.00	63.28 1.74 -0.17	94.57 1.87 -31.85	49.06 1.05 -11.87	40.28 1.18 -0.68	39.10 1.11 0.00	35.24 0.96 0.00	37.07 0.84 0.00	35.97 0.74 0.00
BOONVILLE_115KV_TB1 79983	31.92 0.72 0.00	34.85 0.67 0.00	30.54 0.50 0.00	23.44 0.35 0.00	23.88 0.52 0.00	28.29 0.67 0.00	39.74 1.10 0.00	37.41 1.10 0.00	34.35 0.98 -0.01	18.33 0.47 -0.36	31.11 0.67 -0.01	9.42 0.15 -0.86	5.69 0.03 -1.00	6.24 0.02 -0.61	33.33 0.03 0.00	32.47 0.08 0.00	61.62 0.25 0.00	62.22 0.86 -0.51	37.09 0.78 -0.19	39.48 1.05 -0.01	38.87 0.88 0.00	34.93 0.65 0.00	36.93 0.70 0.00	35.87 0.65 0.00
BORALEX_4TH_BRANCH 23824	33.33 1.68 -0.45	35.89 1.71 0.00	31.47 1.42 0.00	24.29 1.20 0.00	24.60 1.25 0.00	29.25 1.63 0.00	40.75 2.12 0.00	38.21 1.90 0.00	35.61 1.84 -0.42	40.72 0.94 -22.28	32.62 1.61 -0.58	79.40 0.49 -70.50	86.93 0.28 -82.00	44.05 0.33 -38.12	35.04 1.71 -0.04	33.68 1.29 0.00	64.13 2.58 -0.17	95.53 3.23 -31.44	49.81 1.95 -11.73	41.35 2.26 -0.67	39.99 1.99 0.00	35.97 1.68 0.00	37.72 1.49 0.00	36.53 1.31 0.00
BOWLINE___1 23526	30.85 1.32 1.67	35.26 1.08 0.00	30.97 0.93 0.00	23.84 0.75 0.00	24.19 0.83 0.00	28.70 1.09 0.00	40.24 1.60 0.00	38.05 1.74 0.00	35.39 1.73 -0.31	35.00 0.96 -16.54	32.46 1.61 -0.43	48.46 0.43 -39.62	51.02 0.24 -46.13	34.23 0.33 -28.29	35.27 1.95 -0.03	34.45 2.07 0.00	65.57 4.07 -0.13	88.56 4.37 -23.34	47.18 2.35 -8.71	41.26 2.33 -0.50	40.29 2.30 0.00	36.18 1.90 0.00	37.86 1.63 0.00	36.56 1.34 0.00
BOWLINE___2 23595	30.85 1.33 1.67	35.27 1.09 0.00	30.98 0.93 0.00	23.84 0.75 0.00	24.19 0.83 0.00	28.70 1.09 0.00	40.24 1.61 0.00	38.05 1.74 0.00	35.40 1.73 -0.31	35.01 0.96 -16.54	32.46 1.61 -0.43	48.47 0.43 -39.63	51.03 0.24 -46.13	34.23 0.33 -28.29	35.27 1.95 -0.03	34.45 2.07 0.00	65.57 4.07 -0.13	88.57 4.37 -23.35	47.18 2.35 -8.71	41.26 2.33 -0.50	40.29 2.30 0.00	36.19 1.90 0.00	37.86 1.63 0.00	36.57 1.34 0.00
BRADY___115KV_TB2 356060	31.26 0.06 0.00	34.53 0.35 0.00	30.42 0.38 0.00	23.35 0.27 0.00	23.62 0.27 0.00	27.82 0.20 0.00	38.86 0.22 0.00	36.44 0.13 0.00	33.40 0.04 0.00	17.39 -0.12 0.00	30.42 -0.01 0.00	8.40 -0.02 0.00	4.64 -0.01 0.00	5.58 -0.02 0.00	33.11 -0.18 0.00	32.17 -0.22 0.00	61.00 -0.37 0.00	60.22 -0.62 0.00	36.05 -0.08 0.00	38.42 -0.01 0.00	37.99 0.00 0.00	34.20 -0.08 0.00	36.27 0.04 0.00	35.43 0.21 0.00
BRANSCOMB___SOLAR 323811	33.22 1.60 -0.42	35.74 1.56 0.00	31.37 1.32 0.00	24.17 1.09 0.00	24.49 1.14 0.00	29.13 1.51 0.00	40.81 2.17 0.00	38.27 1.97 0.00	35.65 1.86 -0.43	41.33 0.97 -22.85	32.73 1.71 -0.60	76.28 0.50 -67.37	83.31 0.27 -78.38	45.01 0.31 -39.10	34.98 1.65 -0.04	33.84 1.46 0.00	64.49 2.95 -0.18	96.51 3.40 -32.26	50.23 2.07 -12.03	41.31 2.20 -0.69	39.99 1.99 0.00	36.01 1.73 0.00	37.80 1.57 0.00	36.72 1.50 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.21 2.70 -1.32	36.75 2.57 0.00	32.17 2.12 0.00	24.75 1.67 0.00	25.13 1.77 0.00	29.90 2.29 0.00	41.31 2.68 0.00	39.09 2.78 0.00	36.78 3.10 -0.33	36.59 1.67 -17.42	34.00 3.12 -0.45	50.88 0.73 -41.74	53.67 0.42 -48.59	37.32 0.55 -31.17	49.34 3.18 -12.87	139.24 3.37 -103.49	112.43 5.83 -45.23	91.55 6.10 -24.59	51.37 3.40 -11.85	46.22 3.66 -4.15	73.48 4.03 -31.46	45.61 3.50 -7.83	39.49 3.26 0.00	38.08 2.86 0.00
BRISTLHL_115KV_TB1 79998	31.46 0.26 0.00	34.37 0.19 0.00	30.13 0.08 0.00	23.11 0.02 0.00	23.45 0.10 0.00	27.80 0.18 0.00	39.03 0.40 0.00	36.72 0.42 0.00	33.65 0.27 -0.02	18.50 0.11 -0.89	30.65 0.20 -0.02	10.58 0.03 -2.14	7.14 0.01 -2.48	7.14 0.00 -1.53	33.27 -0.03 0.00	32.40 0.01 0.00	61.41 0.04 -0.01	62.37 0.26 -1.26	36.80 0.21 -0.47	38.76 0.31 -0.03	38.29 0.30 0.00	34.57 0.28 0.00	36.56 0.33 0.00	35.39 0.17 0.00
BROOKHAVEN___DRP 24191	35.28 2.76 -1.32	36.83 2.66 0.00	32.28 2.23 0.00	24.81 1.73 0.00	25.16 1.80 0.00	29.98 2.36 0.00	41.45 2.81 0.00	39.22 2.90 0.00	36.87 3.19 -0.33	36.68 1.75 -17.42	34.18 3.29 -0.45	50.93 0.78 -41.74	53.68 0.43 -48.59	37.37 0.60 -31.17	49.73 3.57 -12.87	323.96 3.59 -287.98	266.60 6.42 -198.81	92.43 6.98 -24.59	58.89 3.90 -18.86	60.33 4.14 -17.76	73.75 4.30 -31.46	46.14 3.75 -8.11	39.76 3.52 -0.01	38.29 3.07 0.00

BROOKLYN_NAVY_YARD 23515	34.25 1.72 -1.33	35.65 1.47 0.00	31.28 1.24 0.00	24.06 0.97 0.00	24.43 1.07 0.00	28.98 1.36 0.00	40.61 1.97 0.00	38.43 2.12 0.00	35.77 2.09 -0.33	36.07 1.15 -17.42	32.81 1.93 -0.45	50.64 0.50 -41.72	53.51 0.28 -48.57	35.78 0.39 -29.79	35.56 2.24 -0.03	34.76 2.38 0.00	66.08 4.58 -0.13	90.20 4.77 -24.58	47.92 2.62 -9.17	41.58 2.63 -0.53	40.63 2.63 0.00	36.53 2.24 0.00	38.21 1.98 0.00	36.88 1.66 0.00
BROOKLYN___ARMY_DRP 323595	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
BROOKVLE_69_KV_TB1 55790	34.70 2.19 -1.32	36.19 2.01 0.00	31.72 1.67 0.00	24.42 1.34 0.00	24.79 1.44 0.00	29.44 1.83 0.00	41.07 2.43 0.00	38.87 2.57 0.00	36.25 2.56 -0.33	36.32 1.39 -17.42	33.39 2.51 -0.45	50.78 0.62 -41.74	53.61 0.36 -48.59	37.28 0.50 -31.17	49.10 2.94 -12.87	88.12 3.01 -52.73	70.39 5.64 -3.38	91.40 5.96 -24.59	49.39 3.28 -9.98	42.29 3.34 -0.53	72.87 3.43 -31.46	45.04 3.00 -7.76	38.93 2.70 0.00	37.56 2.34 0.00
BROOME_2_LFGE 323671	31.33 0.13 0.00	34.24 0.06 0.00	30.04 -0.01 0.00	23.05 -0.03 0.00	23.40 0.04 0.00	27.72 0.11 0.00	38.94 0.30 0.00	36.60 0.30 0.00	33.57 0.16 -0.05	20.41 0.03 -2.88	30.58 0.08 -0.07	15.23 0.01 -6.81	12.62 0.01 -7.96	10.49 0.02 -4.86	33.47 0.17 0.00	32.68 0.29 0.00	62.02 0.63 -0.02	65.26 0.39 -4.01	37.78 0.16 -1.50	38.63 0.12 -0.09	38.24 0.24 0.00	34.57 0.29 0.00	36.41 0.19 0.00	35.23 0.01 0.00
BROOME___LFGE 323600	31.33 0.13 0.00	34.24 0.06 0.00	30.04 -0.01 0.00	23.05 -0.03 0.00	23.40 0.04 0.00	27.72 0.11 0.00	38.94 0.30 0.00	36.60 0.30 0.00	33.57 0.16 -0.05	20.41 0.03 -2.88	30.58 0.08 -0.07	15.23 0.01 -6.81	12.62 0.01 -7.96	10.49 0.02 -4.86	33.47 0.17 0.00	32.68 0.29 0.00	62.02 0.63 -0.02	65.26 0.39 -4.01	37.78 0.16 -1.50	38.63 0.12 -0.09	38.24 0.24 0.00	34.57 0.29 0.00	36.41 0.19 0.00	35.23 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	31.29 0.09 0.00	34.37 0.19 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.48 0.12 0.00	27.80 0.19 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.61 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.84 0.00	31.55 -0.83 0.00	59.93 -1.44 0.00	59.98 -0.87 0.00	35.96 -0.17 0.00	38.57 0.14 0.00	37.94 -0.06 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.30 0.07 0.00
BROWNSV1_27_KV_LOAD 356125	34.71 2.19 -1.33	36.16 1.98 0.00	31.72 1.67 0.00	24.39 1.30 0.00	24.74 1.39 0.00	29.37 1.76 0.00	41.19 2.55 0.00	38.96 2.65 0.00	36.28 2.59 -0.33	36.34 1.42 -17.42	33.29 2.41 -0.45	50.78 0.64 -41.72	53.59 0.36 -48.57	35.88 0.48 -29.79	36.14 2.82 -0.03	35.34 2.95 0.00	67.14 5.63 -0.13	91.23 5.80 -24.58	48.53 3.23 -9.17	42.23 3.28 -0.53	41.29 3.30 0.00	37.11 2.83 0.00	38.78 2.55 0.00	37.43 2.20 0.00
BURROWS___LYONSDAL 23803	31.87 0.67 0.00	34.80 0.62 0.00	30.49 0.45 0.00	23.37 0.28 0.00	23.83 0.48 0.00	28.26 0.64 0.00	39.71 1.07 0.00	37.38 1.07 0.00	34.31 0.95 -0.01	18.31 0.44 -0.37	31.04 0.61 -0.01	9.41 0.11 -0.89	5.68 0.00 -1.03	6.21 -0.03 -0.63	33.02 -0.27 0.00	32.18 -0.20 0.00	61.11 -0.27 0.00	61.92 0.54 -0.52	36.96 0.64 -0.19	39.41 0.98 -0.01	38.76 0.76 0.00	34.80 0.52 0.00	36.84 0.61 0.00	35.83 0.60 0.00
CAITHNESS_CC_1 323624	35.16 2.64 -1.32	36.69 2.51 0.00	32.14 2.10 0.00	24.72 1.63 0.00	25.13 1.77 0.00	29.89 2.28 0.00	41.28 2.64 0.00	39.05 2.74 0.00	36.71 3.02 -0.33	36.59 1.66 -17.42	34.02 3.14 -0.45	50.89 0.73 -41.74	53.66 0.41 -48.60	37.35 0.57 -31.17	49.57 3.40 -12.87	323.00 3.44 -287.18	265.51 6.11 -198.03	92.07 6.63 -24.60	58.63 3.70 -18.81	60.01 3.92 -17.67	73.52 4.07 -31.46	45.94 3.55 -8.11	39.57 3.33 -0.01	38.05 2.83 0.00
CALPINE BETH_PAGE_GT4 24209	34.70 2.18 -1.32	36.18 2.01 0.00	31.71 1.66 0.00	24.48 1.39 0.00	24.86 1.50 0.00	29.54 1.93 0.00	41.01 2.38 0.00	38.82 2.51 0.00	36.42 2.74 -0.33	36.40 1.47 -17.42	33.55 2.67 -0.45	50.79 0.63 -41.74	53.62 0.37 -48.59	37.29 0.51 -31.17	49.18 3.01 -12.87	91.88 3.08 -56.42	73.40 5.73 -6.30	91.54 6.09 -24.59	49.57 3.34 -10.10	42.66 3.48 -0.75	73.02 3.57 -31.46	45.20 3.15 -7.76	39.12 2.89 0.00	37.74 2.52 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.70 2.19 -1.32	36.18 2.01 0.00	31.70 1.66 0.00	24.48 1.39 0.00	24.89 1.53 0.00	29.56 1.95 0.00	41.01 2.37 0.00	38.83 2.52 0.00	36.42 2.73 -0.33	36.40 1.47 -17.42	33.55 2.67 -0.45	50.79 0.63 -41.74	53.62 0.37 -48.60	37.29 0.51 -31.17	49.18 3.01 -12.87	91.88 3.08 -56.42	73.40 5.73 -6.30	91.54 6.09 -24.60	49.57 3.34 -10.10	42.66 3.48 -0.76	73.02 3.57 -31.46	45.20 3.15 -7.76	39.12 2.89 0.00	37.71 2.49 0.00
CALPINE_BP_GT1 23823	34.70 2.19 -1.32	36.18 2.01 0.00	31.70 1.66 0.00	24.48 1.39 0.00	24.89 1.53 0.00	29.56 1.95 0.00	41.01 2.37 0.00	38.83 2.52 0.00	36.42 2.73 -0.33	36.40 1.47 -17.42	33.55 2.67 -0.45	50.79 0.63 -41.74	53.62 0.37 -48.60	37.29 0.51 -31.17	49.18 3.01 -12.87	91.88 3.08 -56.42	73.40 5.73 -6.30	91.54 6.09 -24.60	49.57 3.34 -10.10	42.66 3.48 -0.76	73.02 3.57 -31.46	45.20 3.15 -7.76	39.12 2.89 0.00	37.71 2.49 0.00
CALSPAN___DRP 24200	30.94 -0.26 0.00	33.96 -0.22 0.00	29.85 -0.20 0.00	22.78 -0.30 0.00	23.02 -0.33 0.00	27.21 -0.40 0.00	37.94 -0.70 0.00	35.53 -0.78 0.00	32.30 -1.09 -0.03	18.26 -0.69 -1.45	29.60 -0.86 -0.04	11.76 -0.28 -3.63	8.70 -0.12 -4.17	8.05 -0.15 -2.59	32.53 -0.77 0.00	31.74 -0.65 0.00	59.58 -1.80 -0.01	60.54 -2.45 -2.14	35.34 -1.58 -0.80	36.76 -1.71 -0.05	36.66 -1.33 0.00	33.49 -0.79 0.00	35.63 -0.60 0.00	34.41 -0.82 0.00
CALVERTON___SOLAR 323806	35.89 3.38 -1.32	37.48 3.30 0.00	32.83 2.79 0.00	25.22 2.14 0.00	25.62 2.27 0.00	30.54 2.93 0.00	42.23 3.59 0.00	39.96 3.65 0.00	37.57 3.88 -0.33	37.06 2.14 -17.42	34.87 4.00 -0.45	51.12 0.96 -41.74	53.78 0.53 -48.60	37.50 0.71 -31.17	50.47 4.31 -12.87	325.87 4.31 -289.17	269.03 7.72 -199.94	93.88 8.44 -24.60	59.68 4.67 -18.89	60.65 4.42 -17.81	74.02 4.57 -31.46	46.38 3.98 -8.11	40.00 3.76 -0.01	38.43 3.20 0.00
CANDIGU_WT_PWR 323617	31.04 -0.15 0.00	33.97 -0.20 0.00	29.87 -0.18 0.00	22.84 -0.25 0.00	23.21 -0.15 0.00	27.54 -0.07 0.00	38.66 0.03 0.00	36.25 -0.06 0.00	33.10 -0.29 -0.03	18.93 -0.27 -1.70	30.04 -0.43 -0.05	13.01 -0.19 -4.79	9.84 -0.12 -5.31	8.90 -0.12 -3.42	32.70 -0.60 0.00	31.96 -0.43 0.00	60.39 -1.00 -0.02	62.18 -1.50 -2.82	36.23 -0.95 -1.05	37.48 -1.00 -0.06	37.28 -0.71 0.00	34.06 -0.23 0.00	36.05 -0.18 0.00	34.86 -0.36 0.00

CARR STREET_E_SYR 24060	30.92 -0.27 0.00	33.82 -0.36 0.00	29.69 -0.36 0.00	22.78 -0.31 0.00	23.07 -0.29 0.00	27.33 -0.28 0.00	38.34 -0.30 0.00	36.06 -0.25 0.00	33.07 -0.31 -0.02	18.26 -0.18 -0.94	30.16 -0.29 -0.02	10.60 -0.09 -2.27	7.25 -0.04 -2.64	7.17 -0.05 -1.62	32.95 -0.34 0.00	32.11 -0.28 0.00	60.81 -0.57 -0.01	61.62 -0.56 -1.34	36.28 -0.34 -0.50	38.08 -0.37 -0.03	37.67 -0.32 0.00	34.03 -0.25 0.00	35.98 -0.24 0.00	34.85 -0.37 0.00
CARTHAGE___PAPER 23857	32.09 0.89 0.00	35.04 0.86 0.00	30.65 0.60 0.00	23.43 0.35 0.00	23.94 0.58 0.00	28.47 0.85 0.00	40.14 1.50 0.00	37.78 1.48 0.00	34.61 1.24 -0.01	18.52 0.51 -0.51	31.08 0.65 -0.01	9.70 0.07 -1.22	6.00 -0.07 -1.42	6.36 -0.12 -0.87	32.52 -0.77 0.00	31.61 -0.77 0.00	60.23 -1.15 0.00	61.63 0.06 -0.72	36.95 0.55 -0.27	39.67 1.23 -0.02	38.84 0.85 0.00	34.86 0.57 0.00	37.01 0.79 0.00	36.06 0.84 0.00
CASSADAGA_WT_PWR 323784	31.56 0.36 0.00	34.57 0.39 0.00	30.40 0.36 0.00	23.19 0.10 0.00	23.50 0.15 0.00	27.85 0.24 0.00	39.09 0.46 0.00	36.65 0.34 0.00	33.31 -0.08 -0.03	18.88 -0.16 -1.53	30.56 0.09 -0.04	12.22 -0.02 -3.83	9.05 -0.01 -4.40	8.34 0.00 -2.73	33.39 0.09 0.00	32.53 0.14 0.00	61.34 -0.04 -0.01	62.47 -0.64 -2.25	36.45 -0.52 -0.84	37.84 -0.63 -0.05	37.55 -0.44 0.00	34.46 0.18 0.00	36.54 0.31 0.00	35.23 0.01 0.00
CE_DUNWOOD___DRP 24194	34.19 1.59 -1.41	35.55 1.37 0.00	31.21 1.16 0.00	24.02 0.93 0.00	24.37 1.01 0.00	28.91 1.30 0.00	40.52 1.88 0.00	38.31 2.00 0.00	35.68 2.00 -0.33	35.96 1.10 -17.35	32.75 1.87 -0.45	50.48 0.49 -41.57	53.33 0.27 -48.40	35.66 0.37 -29.68	35.51 2.19 -0.03	34.68 2.29 0.00	65.96 4.45 -0.13	90.04 4.70 -24.49	47.84 2.57 -9.13	41.54 2.59 -0.53	40.56 2.57 0.00	36.45 2.17 0.00	38.13 1.90 0.00	36.83 1.61 0.00
CE_MILLWOOD___DRP 24193	34.17 1.51 -1.46	35.46 1.28 0.00	31.14 1.09 0.00	23.97 0.88 0.00	24.32 0.96 0.00	28.85 1.23 0.00	40.43 1.80 0.00	38.22 1.91 0.00	35.59 1.91 -0.32	35.79 1.05 -17.24	32.65 1.78 -0.45	50.19 0.47 -41.30	53.00 0.27 -48.08	35.46 0.36 -29.49	35.43 2.10 -0.03	34.58 2.19 0.00	65.79 4.28 -0.13	89.74 4.56 -24.33	47.70 2.49 -9.07	41.46 2.51 -0.52	40.46 2.47 0.00	36.36 2.08 0.00	38.04 1.82 0.00	36.75 1.53 0.00
CE_NYC2_DRP 24202	34.32 1.79 -1.33	35.74 1.56 0.00	31.38 1.33 0.00	24.13 1.05 0.00	24.49 1.13 0.00	29.07 1.46 0.00	40.70 2.06 0.00	38.53 2.22 0.00	35.91 2.22 -0.33	36.14 1.22 -17.42	32.97 2.09 -0.45	50.69 0.55 -41.72	53.53 0.31 -48.57	35.82 0.42 -29.79	35.74 2.42 -0.03	34.95 2.56 0.00	66.31 4.81 -0.13	90.46 5.02 -24.58	48.06 2.77 -9.17	41.74 2.78 -0.53	40.79 2.80 0.00	36.71 2.42 0.00	38.33 2.10 0.00	37.03 1.81 0.00
CE_NYC_DRP 24195	34.36 1.83 -1.33	35.76 1.58 0.00	31.37 1.33 0.00	24.13 1.05 0.00	24.48 1.13 0.00	29.05 1.43 0.00	40.71 2.07 0.00	38.52 2.21 0.00	35.88 2.19 -0.33	36.13 1.21 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.72 2.39 -0.03	34.91 2.53 0.00	66.34 4.83 -0.13	90.46 5.03 -24.58	48.06 2.77 -9.17	41.73 2.78 -0.53	40.79 2.80 0.00	36.67 2.38 0.00	38.32 2.09 0.00	37.00 1.78 0.00
CHAFFEE___LFGE 323603	30.87 -0.33 0.00	33.89 -0.28 0.00	29.79 -0.26 0.00	22.71 -0.37 0.00	22.93 -0.42 0.00	27.13 -0.48 0.00	37.88 -0.76 0.00	35.52 -0.79 0.00	32.30 -1.09 -0.03	18.31 -0.69 -1.50	29.62 -0.85 -0.04	11.87 -0.27 -3.74	8.83 -0.12 -4.29	8.12 -0.15 -2.67	32.54 -0.76 0.00	31.79 -0.59 0.00	59.73 -1.66 -0.01	60.79 -2.27 -2.20	35.50 -1.45 -0.82	36.88 -1.59 -0.05	36.75 -1.24 0.00	33.57 -0.71 0.00	35.65 -0.57 0.00	34.40 -0.82 0.00
CHATEAUG_35_KV_LOAD 355732	31.54 0.34 0.00	35.05 0.87 0.00	30.94 0.89 0.00	23.77 0.69 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.32 0.69 0.00	36.65 0.35 0.00	33.73 0.37 0.00	17.97 0.47 0.00	30.86 0.44 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.49 0.11 0.00	61.33 -0.04 0.00	60.29 -0.56 0.00	36.07 -0.06 0.00	38.23 -0.20 0.00	37.59 -0.40 0.00	33.75 -0.54 0.00	35.94 -0.29 0.00	35.44 0.21 0.00
CHATEAUG_WT_PWR 323614	31.52 0.32 0.00	35.02 0.84 0.00	30.91 0.87 0.00	23.76 0.67 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.29 0.65 0.00	36.58 0.27 0.00	33.67 0.31 0.00	17.91 0.41 0.00	30.84 0.41 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.46 0.08 0.00	61.25 -0.12 0.00	60.29 -0.56 0.00	36.05 -0.08 0.00	38.18 -0.24 0.00	37.50 -0.49 0.00	33.68 -0.61 0.00	35.89 -0.34 0.00	35.40 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	31.54 0.34 0.00	35.05 0.87 0.00	30.94 0.89 0.00	23.77 0.69 0.00	24.06 0.71 0.00	28.33 0.71 0.00	39.32 0.69 0.00	36.65 0.34 0.00	33.73 0.36 0.00	17.97 0.47 0.00	30.86 0.44 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.49 0.11 0.00	61.33 -0.04 0.00	60.29 -0.56 0.00	36.08 -0.05 0.00	38.23 -0.20 0.00	37.59 -0.40 0.00	33.75 -0.54 0.00	35.94 -0.28 0.00	35.43 0.20 0.00
CHAUTAUQUA___LFGE 323629	31.21 0.02 0.00	34.24 0.06 0.00	30.09 0.04 0.00	22.95 -0.13 0.00	23.24 -0.12 0.00	27.51 -0.10 0.00	38.54 -0.10 0.00	36.07 -0.24 0.00	32.79 -0.60 -0.03	18.58 -0.43 -1.51	30.06 -0.40 -0.04	12.04 -0.15 -3.77	8.93 -0.06 -4.33	8.23 -0.06 -2.69	33.02 -0.28 0.00	32.24 -0.15 0.00	60.70 -0.68 -0.01	61.70 -1.37 -2.22	35.98 -0.97 -0.83	37.33 -1.14 -0.05	37.18 -0.81 0.00	34.01 -0.27 0.00	36.03 -0.19 0.00	34.81 -0.42 0.00
CHERRYST_13_KV_LD 356241	34.46 1.94 -1.33	35.87 1.69 0.00	31.48 1.43 0.00	24.21 1.13 0.00	24.57 1.21 0.00	29.14 1.53 0.00	40.86 2.22 0.00	38.68 2.37 0.00	36.04 2.35 -0.33	36.21 1.29 -17.42	33.08 2.20 -0.45	50.72 0.58 -41.72	53.55 0.33 -48.57	35.84 0.44 -29.79	35.88 2.56 -0.03	35.07 2.68 0.00	66.65 5.14 -0.13	90.74 5.31 -24.58	48.21 2.92 -9.17	41.88 2.93 -0.53	40.93 2.94 0.00	36.79 2.51 0.00	38.44 2.21 0.00	37.11 1.89 0.00
CHESTROR_138KV_BK263 355645	31.37 1.16 0.99	35.13 0.95 0.00	30.89 0.84 0.00	23.76 0.68 0.00	24.10 0.74 0.00	28.56 0.94 0.00	40.04 1.41 0.00	37.86 1.55 0.00	35.18 1.53 -0.29	33.70 0.84 -15.35	32.21 1.38 -0.40	45.55 0.36 -36.77	47.67 0.21 -42.81	32.15 0.29 -26.25	34.98 1.66 -0.02	34.14 1.75 0.00	64.97 3.48 -0.12	86.27 3.75 -21.67	46.25 2.04 -8.08	40.93 2.04 -0.47	40.00 2.00 0.00	35.95 1.66 0.00	37.66 1.43 0.00	36.41 1.19 0.00
CH_MIDHUDSON___DRP 24192	33.07 1.50 -0.38	35.47 1.29 0.00	31.14 1.09 0.00	23.99 0.90 0.00	24.33 0.97 0.00	28.84 1.23 0.00	40.44 1.80 0.00	38.21 1.90 0.00	35.59 1.89 -0.34	36.48 1.03 -17.95	32.64 1.75 -0.47	51.87 0.47 -42.98	54.96 0.26 -50.04	36.65 0.35 -30.70	35.34 2.02 -0.03	34.46 2.08 0.00	65.59 4.08 -0.14	90.58 4.39 -25.33	48.02 2.45 -9.45	41.47 2.50 -0.55	40.43 2.44 0.00	36.34 2.05 0.00	38.05 1.82 0.00	36.76 1.54 0.00

CH_MISC_IPPS 23765	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.10 -0.33	36.07 1.14 -17.43	32.82 1.94 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00
CH_RES_BVR_FALLS 23983	30.96 -0.23 0.00	34.08 -0.10 0.00	29.99 -0.05 0.00	23.04 -0.05 0.00	23.27 -0.08 0.00	27.46 -0.15 0.00	38.34 -0.30 0.00	35.97 -0.34 0.00	33.05 -0.31 0.00	17.34 -0.16 0.00	30.16 -0.26 0.00	8.35 -0.06 0.00	4.62 -0.03 0.00	5.56 -0.04 0.00	33.04 -0.26 0.00	32.09 -0.29 0.00	60.81 -0.56 0.00	60.18 -0.67 0.00	35.75 -0.38 0.00	38.03 -0.39 0.00	37.62 -0.37 0.00	33.95 -0.34 0.00	35.94 -0.29 0.00	35.05 -0.17 0.00
CH_RES_NIAGARA 23895	30.15 -1.05 0.00	33.14 -1.04 0.00	29.17 -0.87 0.00	22.23 -0.86 0.00	22.38 -0.97 0.00	26.42 -1.19 0.00	36.69 -1.95 0.00	34.30 -2.01 0.00	31.16 -2.22 -0.03	17.62 -1.25 -1.36	28.61 -1.85 -0.04	11.27 -0.54 -3.40	8.28 -0.28 -3.90	7.69 -0.34 -2.43	31.50 -1.80 0.00	30.71 -1.67 0.00	57.42 -3.96 -0.01	58.42 -4.44 -2.00	34.14 -2.73 -0.75	35.51 -2.96 -0.04	35.43 -2.56 0.00	32.43 -1.85 0.00	34.65 -1.58 0.00	33.52 -1.70 0.00
CH_RES_SYRACUSE 23985	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.28 -0.07 0.00	27.58 -0.04 0.00	38.71 0.07 0.00	36.40 0.09 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.66 -0.01 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.16 -0.06 0.00
CLINTON_WT_PWR 323605	31.52 0.32 0.00	35.02 0.84 0.00	30.91 0.87 0.00	23.76 0.67 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.29 0.65 0.00	36.58 0.27 0.00	33.67 0.31 0.00	17.91 0.41 0.00	30.84 0.41 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.46 0.08 0.00	61.25 -0.12 0.00	60.29 -0.56 0.00	36.05 -0.08 0.00	38.18 -0.24 0.00	37.50 -0.49 0.00	33.68 -0.61 0.00	35.89 -0.34 0.00	35.40 0.18 0.00
CLINTON__LFGE 323618	31.91 0.71 0.00	35.39 1.21 0.00	31.23 1.18 0.00	24.02 0.93 0.00	24.32 0.96 0.00	28.63 1.02 0.00	39.68 1.05 0.00	36.91 0.60 0.00	33.99 0.63 0.00	18.22 0.71 0.00	31.19 0.76 0.00	8.68 0.26 0.00	4.79 0.14 0.00	5.74 0.13 0.00	33.79 0.50 0.00	32.78 0.40 0.00	61.89 0.51 0.00	61.05 0.20 0.00	36.56 0.43 0.00	38.74 0.32 0.00	38.04 0.05 0.00	34.12 -0.16 0.00	36.30 0.07 0.00	35.83 0.61 0.00
COBBLENY_34_KV_TB1 80064	30.88 -0.32 0.00	33.89 -0.28 0.00	29.78 -0.26 0.00	22.73 -0.36 0.00	22.96 -0.39 0.00	27.16 -0.46 0.00	37.88 -0.76 0.00	35.52 -0.79 0.00	32.30 -1.08 -0.03	18.31 -0.70 -1.50	29.62 -0.84 -0.04	11.87 -0.28 -3.74	8.83 -0.12 -4.29	8.12 -0.15 -2.67	32.54 -0.75 0.00	31.79 -0.60 0.00	59.72 -1.66 -0.01	60.79 -2.27 -2.20	35.50 -1.45 -0.82	36.89 -1.58 -0.05	36.75 -1.24 0.00	33.57 -0.71 0.00	35.65 -0.57 0.00	34.38 -0.85 0.00
COFFEEN__115KV_TB3 355620	32.42 1.22 0.00	35.32 1.14 0.00	30.86 0.81 0.00	23.59 0.51 0.00	24.13 0.78 0.00	28.72 1.10 0.00	40.57 1.94 0.00	38.21 1.91 0.00	34.97 1.60 -0.01	18.74 0.66 -0.58	31.32 0.88 -0.02	9.91 0.10 -1.39	6.19 -0.08 -1.62	6.50 -0.10 -0.99	32.68 -0.62 0.00	31.58 -0.80 0.00	60.25 -1.13 0.00	61.87 0.20 -0.82	37.17 0.74 -0.31	40.11 1.67 -0.02	39.23 1.24 0.00	35.23 0.94 0.00	37.37 1.14 0.00	36.33 1.11 0.00
COLDSPRG_115KV_BK1 355956	31.72 0.52 0.00	34.70 0.52 0.00	30.48 0.43 0.00	23.26 0.18 0.00	23.63 0.28 0.00	28.06 0.45 0.00	39.39 0.76 0.00	36.99 0.68 0.00	33.65 0.26 -0.03	19.09 0.01 -1.58	30.84 0.38 -0.04	12.35 0.02 -3.92	9.19 0.03 -4.51	8.45 0.04 -2.80	33.67 0.37 0.00	32.90 0.52 0.00	62.00 0.61 -0.01	62.97 -0.19 -2.31	36.70 -0.29 -0.86	38.12 -0.35 -0.05	37.95 -0.04 0.00	34.72 0.43 0.00	36.80 0.57 0.00	35.43 0.21 0.00
COLONIE_LFGE__ 323577	32.89 1.26 -0.43	35.39 1.21 0.00	31.05 1.00 0.00	23.94 0.86 0.00	24.25 0.89 0.00	28.80 1.19 0.00	40.27 1.64 0.00	37.79 1.48 0.00	35.23 1.44 -0.42	40.99 0.77 -22.72	32.34 1.32 -0.59	85.40 0.39 -76.59	93.96 0.22 -89.09	44.74 0.25 -38.87	34.69 1.36 -0.04	33.56 1.18 0.00	63.93 2.38 -0.18	95.69 2.77 -32.06	49.78 1.68 -11.96	40.97 1.86 -0.68	39.66 1.67 0.00	35.71 1.43 0.00	37.47 1.24 0.00	36.33 1.10 0.00
COOPERNY_115KV_TB1 80082	31.58 0.78 0.40	34.79 0.62 0.00	30.61 0.57 0.00	23.53 0.45 0.00	23.86 0.51 0.00	28.25 0.63 0.00	39.60 0.97 0.00	37.42 1.12 0.00	34.63 1.08 -0.19	28.28 0.59 -10.18	31.64 0.95 -0.27	33.04 0.25 -24.38	33.17 0.14 -28.38	23.21 0.19 -17.41	34.44 1.13 -0.02	33.61 1.22 0.00	63.88 2.43 -0.08	77.84 2.62 -14.37	42.90 1.41 -5.36	40.13 1.40 -0.31	39.40 1.41 0.00	35.45 1.16 0.00	37.20 0.97 0.00	36.00 0.77 0.00
COPENHAGEN_WT_PWR 323753	32.08 0.89 0.00	34.95 0.78 0.00	30.52 0.48 0.00	23.31 0.23 0.00	23.85 0.49 0.00	28.41 0.80 0.00	40.12 1.49 0.00	37.74 1.44 0.00	34.58 1.21 -0.01	18.58 0.48 -0.60	31.02 0.58 -0.02	9.88 0.03 -1.44	6.20 -0.12 -1.67	6.46 -0.17 -1.03	32.25 -1.05 0.00	31.27 -1.12 0.00	59.61 -1.76 0.00	61.34 -0.36 -0.85	36.78 0.34 -0.32	39.55 1.11 -0.02	38.59 0.60 0.00	34.72 0.44 0.00	36.92 0.69 0.00	36.00 0.77 0.00
CORNELL____ 23752	31.77 0.58 0.00	34.68 0.50 0.00	30.46 0.41 0.00	23.37 0.29 0.00	23.70 0.34 0.00	28.09 0.47 0.00	39.45 0.82 0.00	37.15 0.84 0.00	34.06 0.66 -0.04	19.82 0.29 -2.04	30.94 0.46 -0.05	13.40 0.10 -4.88	10.40 0.06 -5.68	9.15 0.06 -3.49	33.72 0.42 0.00	32.87 0.48 0.00	62.31 0.92 -0.02	64.70 0.97 -2.88	37.87 0.67 -1.07	39.22 0.74 -0.06	38.81 0.81 0.00	35.03 0.75 0.00	36.90 0.67 0.00	35.68 0.45 0.00
CORONAAV_69_KV_TB1 355595	34.80 2.28 -1.32	36.28 2.10 0.00	31.78 1.74 0.00	24.46 1.38 0.00	24.85 1.49 0.00	29.50 1.88 0.00	41.04 2.40 0.00	38.86 2.55 0.00	36.37 2.69 -0.33	36.38 1.45 -17.42	33.49 2.61 -0.45	50.78 0.63 -41.74	53.61 0.36 -48.59	37.28 0.51 -31.17	49.14 2.97 -12.87	88.13 3.01 -52.73	70.43 5.68 -3.38	91.58 6.13 -24.59	49.47 3.36 -9.98	42.36 3.41 -0.53	72.89 3.45 -31.46	45.05 3.01 -7.76	38.98 2.76 0.00	37.62 2.40 0.00
CORTLAND_115KV_TB3 80093	31.50 0.31 0.00	34.42 0.24 0.00	30.21 0.16 0.00	23.18 0.10 0.00	23.53 0.17 0.00	27.87 0.25 0.00	39.14 0.51 0.00	36.83 0.53 0.00	33.78 0.39 -0.03	19.34 0.16 -1.67	30.72 0.26 -0.04	12.46 0.06 -4.00	9.35 0.04 -4.65	8.50 0.04 -2.85	33.54 0.24 0.00	32.69 0.31 0.00	61.97 0.59 -0.01	63.79 0.59 -2.36	37.40 0.40 -0.88	38.91 0.44 -0.05	38.49 0.50 0.00	34.74 0.46 0.00	36.62 0.39 0.00	35.42 0.20 0.00

COXSACKIE___GT 23611	33.82 2.28 -0.34	36.48 2.30 0.00	31.95 1.90 0.00	24.60 1.52 0.00	24.90 1.55 0.00	29.63 2.02 0.00	41.58 2.94 0.00	39.08 2.77 0.00	36.47 2.71 -0.40	40.04 1.39 -21.15	33.48 2.50 -0.55	52.42 0.66 -43.34	55.51 0.35 -50.51	42.18 0.41 -36.16	35.57 2.25 -0.03	34.39 2.01 0.00	65.94 4.40 -0.16	95.20 4.50 -29.85	49.89 2.64 -11.13	42.27 3.21 -0.64	41.03 3.03 0.00	36.88 2.59 0.00	38.71 2.48 0.00	37.45 2.23 0.00
CPV_VALLEY___CC1 323721	31.52 0.91 0.59	34.88 0.70 0.00	30.71 0.66 0.00	23.62 0.53 0.00	23.96 0.60 0.00	28.35 0.73 0.00	39.74 1.11 0.00	37.62 1.31 0.00	34.91 1.30 -0.25	31.74 0.72 -13.52	31.90 1.13 -0.35	41.09 0.30 -32.38	42.52 0.17 -37.69	28.96 0.24 -23.12	34.69 1.38 -0.02	33.85 1.46 0.00	64.38 2.91 -0.10	83.09 3.16 -19.08	44.94 1.70 -7.11	40.51 1.68 -0.41	39.64 1.65 0.00	35.63 1.35 0.00	37.34 1.12 0.00	36.11 0.88 0.00
CPV_VALLEY___CC2 323722	31.52 0.91 0.59	34.88 0.70 0.00	30.71 0.66 0.00	23.62 0.53 0.00	23.96 0.60 0.00	28.35 0.73 0.00	39.74 1.11 0.00	37.62 1.31 0.00	34.91 1.30 -0.25	31.74 0.72 -13.52	31.90 1.13 -0.35	41.09 0.30 -32.38	42.52 0.17 -37.69	28.96 0.24 -23.12	34.69 1.38 -0.02	33.85 1.46 0.00	64.38 2.91 -0.10	83.09 3.16 -19.08	44.94 1.70 -7.11	40.51 1.68 -0.41	39.64 1.65 0.00	35.63 1.35 0.00	37.34 1.12 0.00	36.11 0.88 0.00
CRESCENT___HYD 24018	32.89 1.26 -0.43	35.39 1.21 0.00	31.05 1.00 0.00	23.94 0.86 0.00	24.25 0.89 0.00	28.80 1.19 0.00	40.27 1.64 0.00	37.79 1.48 0.00	35.23 1.44 -0.42	40.99 0.77 -22.72	32.34 1.32 -0.59	85.40 0.39 -76.59	93.96 0.22 -89.09	44.74 0.25 -38.87	34.69 1.36 -0.04	33.56 1.18 0.00	63.93 2.38 -0.18	95.69 2.77 -32.06	49.78 1.68 -11.96	40.97 1.86 -0.68	39.66 1.67 0.00	35.71 1.43 0.00	37.47 1.24 0.00	36.33 1.10 0.00
CRICKET___VALLEY_CC1 323756	32.93 1.07 -0.67	35.00 0.82 0.00	30.70 0.65 0.00	23.71 0.62 0.00	24.04 0.69 0.00	28.49 0.87 0.00	39.94 1.31 0.00	37.72 1.41 0.00	35.14 1.43 -0.35	37.14 0.81 -18.83	32.28 1.36 -0.49	53.90 0.37 -45.12	57.38 0.21 -52.52	38.08 0.28 -32.20	34.88 1.56 -0.03	33.95 1.57 0.00	64.61 3.10 -0.14	90.99 3.57 -26.57	48.00 1.96 -9.91	40.98 1.98 -0.57	39.85 1.85 0.00	35.79 1.50 0.00	37.50 1.27 0.00	36.22 1.00 0.00
CRICKET___VALLEY_CC2 323757	32.93 1.07 -0.67	35.00 0.82 0.00	30.70 0.65 0.00	23.71 0.62 0.00	24.04 0.69 0.00	28.49 0.87 0.00	39.94 1.31 0.00	37.72 1.41 0.00	35.14 1.43 -0.35	37.14 0.81 -18.83	32.28 1.36 -0.49	53.90 0.37 -45.12	57.38 0.21 -52.52	38.08 0.28 -32.20	34.88 1.56 -0.03	33.95 1.57 0.00	64.61 3.10 -0.14	90.99 3.57 -26.57	48.00 1.96 -9.91	40.98 1.98 -0.57	39.85 1.85 0.00	35.79 1.50 0.00	37.50 1.27 0.00	36.22 1.00 0.00
CRICKET___VALLEY_CC3 323758	32.93 1.07 -0.67	35.00 0.82 0.00	30.70 0.65 0.00	23.71 0.62 0.00	24.04 0.69 0.00	28.49 0.87 0.00	39.94 1.31 0.00	37.72 1.41 0.00	35.14 1.43 -0.35	37.14 0.81 -18.83	32.28 1.36 -0.49	53.90 0.37 -45.12	57.38 0.21 -52.52	38.08 0.28 -32.20	34.88 1.56 -0.03	33.95 1.57 0.00	64.61 3.10 -0.14	90.99 3.57 -26.57	48.00 1.96 -9.91	40.98 1.98 -0.57	39.85 1.85 0.00	35.79 1.50 0.00	37.50 1.27 0.00	36.22 1.00 0.00
CRUCIBLE_METL_DRP 24180	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -0.01	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
DAHOWA___HYDRO 323763	33.30 1.68 -0.42	35.82 1.64 0.00	31.43 1.39 0.00	24.23 1.15 0.00	24.55 1.20 0.00	29.22 1.60 0.00	40.95 2.31 0.00	38.39 2.08 0.00	35.75 1.96 -0.43	41.41 1.03 -22.88	32.84 1.82 -0.60	74.84 0.53 -65.89	81.62 0.29 -76.68	45.07 0.33 -39.14	35.04 1.71 -0.04	33.89 1.51 0.00	64.59 3.04 -0.18	96.69 3.55 -32.29	50.34 2.16 -12.04	41.39 2.28 -0.69	40.05 2.06 0.00	36.07 1.78 0.00	37.85 1.62 0.00	36.80 1.57 0.00
DANC___LFGE 323619	31.75 0.56 0.00	34.65 0.47 0.00	30.31 0.26 0.00	23.18 0.09 0.00	23.63 0.27 0.00	28.10 0.48 0.00	39.61 0.97 0.00	37.28 0.97 0.00	34.15 0.78 -0.01	18.49 0.29 -0.70	30.78 0.34 -0.02	10.12 0.01 -1.69	6.54 -0.09 -1.97	6.70 -0.12 -1.21	32.55 -0.74 0.00	31.59 -0.79 0.00	60.07 -1.31 -0.01	61.48 -0.37 -1.00	36.65 0.15 -0.37	39.09 0.65 -0.02	38.34 0.34 0.00	34.57 0.28 0.00	36.70 0.47 0.00	35.68 0.46 0.00
DANSKAMMER___1 23586	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.10 -0.33	36.07 1.14 -17.43	32.82 1.94 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00
DANSKAMMER___2 23589	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.10 -0.33	36.07 1.14 -17.43	32.82 1.94 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00
DANSKAMMER___3 23590	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.10 -0.33	36.07 1.14 -17.43	32.82 1.94 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00
DANSKAMMER___4 23591	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.09 0.00	28.99 1.38 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.10 -0.33	36.07 1.14 -17.43	32.82 1.94 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00
DANSKAMMER___DIESEL 23592	33.06 1.66 -0.20	35.65 1.47 0.00	31.30 1.25 0.00	24.09 1.01 0.00	24.44 1.08 0.00	28.98 1.37 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.79 2.11 -0.33	36.07 1.14 -17.43	32.81 1.93 -0.46	50.67 0.51 -41.74	53.54 0.29 -48.59	35.80 0.39 -29.81	35.57 2.25 -0.03	34.71 2.32 0.00	66.07 4.57 -0.13	90.33 4.88 -24.60	48.03 2.73 -9.17	41.74 2.79 -0.53	40.71 2.71 0.00	36.57 2.29 0.00	38.28 2.05 0.00	36.95 1.73 0.00

DARBY___SOLAR 323810	33.22 1.61 -0.42	35.74 1.56 0.00	31.37 1.33 0.00	24.18 1.09 0.00	24.50 1.14 0.00	29.14 1.52 0.00	40.83 2.19 0.00	38.28 1.98 0.00	35.65 1.86 -0.43	41.33 0.97 -22.85	32.74 1.71 -0.60	76.21 0.50 -67.30	83.22 0.27 -78.30	45.01 0.31 -39.10	34.94 1.61 -0.04	33.81 1.42 0.00	64.44 2.90 -0.18	96.49 3.38 -32.26	50.22 2.06 -12.03	41.29 2.18 -0.69	39.97 1.98 0.00	36.00 1.72 0.00	37.79 1.57 0.00	36.72 1.50 0.00
DASHVILLE___HYD 23610	32.68 1.31 -0.17	35.23 1.05 0.00	30.95 0.91 0.00	23.84 0.76 0.00	24.21 0.85 0.00	28.67 1.05 0.00	40.20 1.57 0.00	38.03 1.72 0.00	35.39 1.69 -0.34	36.45 0.89 -18.05	32.45 1.56 -0.47	50.10 0.39 -41.29	52.97 0.23 -48.09	36.78 0.31 -30.87	35.15 1.83 -0.03	34.29 1.91 0.00	65.29 3.78 -0.14	90.31 3.99 -25.48	47.88 2.25 -9.50	41.29 2.32 -0.55	40.29 2.30 0.00	36.22 1.93 0.00	37.92 1.69 0.00	36.58 1.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.58 4.06 -1.32	38.25 4.07 0.00	33.53 3.48 0.00	25.73 2.64 0.00	26.00 2.65 0.00	31.13 3.51 0.00	43.16 4.52 0.00	40.83 4.53 0.00	38.41 4.72 -0.33	37.53 2.60 -17.42	35.74 4.86 -0.45	51.36 1.21 -41.74	53.92 0.67 -48.59	37.66 0.88 -31.17	51.46 5.30 -12.87	326.98 5.30 -289.30	270.76 9.31 -200.08	95.60 10.15 -24.59	60.79 5.75 -18.91	62.02 5.73 -17.86	75.31 5.86 -31.46	47.48 5.09 -8.11	41.11 4.87 -0.01	39.52 4.29 0.00
DELAWARE___LFGE 323621	31.66 0.65 0.18	34.75 0.56 0.00	30.52 0.48 0.00	23.45 0.36 0.00	23.78 0.42 0.00	28.16 0.54 0.00	39.53 0.89 0.00	37.26 0.95 0.00	34.31 0.88 -0.08	22.17 0.45 -4.22	31.28 0.75 -0.11	18.68 0.20 -10.07	16.50 0.11 -11.73	12.94 0.15 -7.19	34.18 0.88 -0.01	33.32 0.94 0.00	63.26 1.86 -0.03	68.71 1.93 -5.93	39.38 1.04 -2.21	39.61 1.06 -0.13	39.07 1.08 0.00	35.19 0.91 0.00	37.01 0.79 0.00	35.81 0.59 0.00
DERFIELD_115KV_TB7 355931	31.35 0.15 0.00	34.27 0.09 0.00	30.11 0.06 0.00	23.13 0.05 0.00	23.43 0.07 0.00	27.74 0.12 0.00	38.83 0.19 0.00	36.52 0.21 0.00	33.56 0.20 0.00	17.62 0.11 0.00	30.60 0.18 0.00	8.46 0.04 0.00	4.67 0.02 0.00	5.63 0.02 0.00	33.40 0.11 0.00	32.49 0.10 0.00	61.57 0.20 0.00	61.17 0.32 0.00	36.32 0.19 0.00	38.65 0.23 0.00	38.19 0.20 0.00	34.46 0.18 0.00	36.37 0.14 0.00	35.32 0.10 0.00
DOGLEVILLE___HYD 23807	31.44 0.25 0.00	34.17 -0.02 0.00	29.93 -0.12 0.00	23.15 0.07 0.00	23.56 0.20 0.00	27.95 0.34 0.00	39.02 0.38 0.00	36.74 0.43 0.00	33.84 0.48 0.00	17.81 0.31 0.00	31.05 0.62 0.00	8.59 0.18 0.00	4.71 0.05 0.00	5.65 0.04 0.00	33.51 0.21 0.00	32.40 0.02 0.00	61.27 -0.09 0.00	61.60 0.75 0.00	36.55 0.42 0.00	38.92 0.50 0.00	38.22 0.23 0.00	34.49 0.21 0.00	36.10 -0.12 0.00	34.88 -0.35 0.00
DUNKIRK___115KV_TB_200 55889	31.17 -0.03 0.00	34.18 0.00 0.00	30.02 -0.02 0.00	22.92 -0.17 0.00	23.22 -0.14 0.00	27.47 -0.14 0.00	38.44 -0.19 0.00	35.98 -0.32 0.00	32.71 -0.68 -0.03	18.53 -0.48 -1.51	29.99 -0.48 -0.04	12.00 -0.17 -3.76	8.91 -0.07 -4.32	8.22 -0.08 -2.69	32.96 -0.34 0.00	32.18 -0.21 0.00	60.59 -0.79 -0.01	61.58 -1.49 -2.22	35.91 -1.04 -0.83	37.25 -1.22 -0.05	37.13 -0.86 0.00	33.95 -0.34 0.00	35.97 -0.26 0.00	34.72 -0.50 0.00
DUNKIRK___1 23563	31.17 -0.03 0.00	34.18 0.00 0.00	30.02 -0.02 0.00	22.92 -0.17 0.00	23.22 -0.14 0.00	27.47 -0.14 0.00	38.44 -0.19 0.00	35.98 -0.32 0.00	32.71 -0.68 -0.03	18.53 -0.48 -1.51	29.99 -0.48 -0.04	12.00 -0.17 -3.76	8.91 -0.07 -4.32	8.22 -0.08 -2.69	32.96 -0.34 0.00	32.18 -0.21 0.00	60.59 -0.79 -0.01	61.58 -1.49 -2.22	35.91 -1.04 -0.83	37.25 -1.22 -0.05	37.13 -0.86 0.00	33.95 -0.34 0.00	35.97 -0.26 0.00	34.72 -0.50 0.00
DUNKIRK___2 23564	31.17 -0.03 0.00	34.18 0.00 0.00	30.02 -0.02 0.00	22.92 -0.17 0.00	23.22 -0.14 0.00	27.47 -0.14 0.00	38.44 -0.19 0.00	35.98 -0.32 0.00	32.71 -0.68 -0.03	18.53 -0.48 -1.51	29.99 -0.48 -0.04	12.00 -0.17 -3.76	8.91 -0.07 -4.32	8.22 -0.08 -2.69	32.96 -0.34 0.00	32.18 -0.21 0.00	60.59 -0.79 -0.01	61.58 -1.49 -2.22	35.91 -1.04 -0.83	37.25 -1.22 -0.05	37.13 -0.86 0.00	33.95 -0.34 0.00	35.97 -0.26 0.00	34.72 -0.50 0.00
DUNKIRK___3 23565	31.02 -0.18 0.00	34.00 -0.18 0.00	29.86 -0.19 0.00	22.80 -0.29 0.00	23.11 -0.24 0.00	27.36 -0.25 0.00	38.30 -0.34 0.00	35.84 -0.47 0.00	32.59 -0.80 -0.03	18.47 -0.55 -1.51	29.85 -0.61 -0.04	11.97 -0.21 -3.76	8.89 -0.09 -4.33	8.19 -0.10 -2.69	32.83 -0.47 0.00	32.08 -0.30 0.00	60.43 -0.95 -0.01	61.38 -1.69 -2.22	35.77 -1.19 -0.83	37.11 -1.37 -0.05	37.00 -0.99 0.00	33.80 -0.48 0.00	35.82 -0.41 0.00	34.60 -0.63 0.00
DUNKIRK___4 23566	31.11 -0.09 0.00	34.11 -0.07 0.00	29.97 -0.08 0.00	22.87 -0.21 0.00	23.16 -0.19 0.00	27.41 -0.21 0.00	38.32 -0.32 0.00	35.87 -0.43 0.00	32.61 -0.78 -0.03	18.44 -0.54 -1.48	29.89 -0.58 -0.04	11.90 -0.20 -3.69	8.81 -0.08 -4.24	8.15 -0.10 -2.64	32.83 -0.46 0.00	32.06 -0.33 0.00	60.30 -1.09 -0.01	61.27 -1.76 -2.18	35.74 -1.20 -0.81	37.12 -1.35 -0.05	37.00 -1.00 0.00	33.82 -0.46 0.00	35.88 -0.35 0.00	34.64 -0.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.20 1.68 -1.33	35.64 1.46 0.00	31.28 1.23 0.00	24.07 0.98 0.00	24.42 1.06 0.00	28.98 1.37 0.00	40.61 1.97 0.00	38.39 2.09 0.00	35.77 2.08 -0.33	36.06 1.14 -17.42	32.83 1.95 -0.45	50.65 0.51 -41.73	53.52 0.29 -48.57	35.79 0.39 -29.79	35.60 2.28 -0.03	34.76 2.37 0.00	66.10 4.60 -0.13	90.25 4.82 -24.58	47.95 2.66 -9.17	41.63 2.68 -0.53	40.65 2.66 0.00	36.55 2.26 0.00	38.22 1.99 0.00	36.92 1.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.37 1.37 0.19	35.34 1.16 0.00	31.05 1.00 0.00	23.90 0.81 0.00	24.24 0.89 0.00	28.73 1.12 0.00	40.30 1.67 0.00	38.12 1.81 0.00	35.45 1.78 -0.31	35.03 0.97 -16.56	32.47 1.61 -0.43	48.49 0.43 -39.65	51.06 0.24 -46.16	34.25 0.33 -28.32	35.22 1.90 -0.03	34.36 1.98 0.00	65.42 3.92 -0.13	88.44 4.22 -23.37	47.18 2.34 -8.71	41.29 2.37 -0.50	40.32 2.33 0.00	36.22 1.94 0.00	37.92 1.70 0.00	36.63 1.41 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.23 1.71 -1.33	35.66 1.48 0.00	31.31 1.26 0.00	24.10 1.02 0.00	24.44 1.08 0.00	29.01 1.40 0.00	40.60 1.96 0.00	38.46 2.15 0.00	35.80 2.12 -0.33	36.08 1.15 -17.42	32.83 1.95 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.60 2.28 -0.03	34.84 2.46 0.00	66.07 4.57 -0.13	90.31 4.88 -24.58	47.95 2.65 -9.17	41.63 2.67 -0.53	40.71 2.72 0.00	36.60 2.32 0.00	38.23 2.00 0.00	36.96 1.73 0.00
E179THST_13_KV_LOAD 356214	34.41 1.88 -1.33	35.84 1.67 0.00	31.47 1.42 0.00	24.23 1.14 0.00	24.57 1.21 0.00	29.16 1.54 0.00	40.83 2.19 0.00	38.67 2.36 0.00	36.00 2.31 -0.33	36.18 1.26 -17.42	33.01 2.13 -0.45	50.70 0.56 -41.72	53.54 0.31 -48.57	35.82 0.43 -29.79	35.80 2.48 -0.03	35.04 2.66 0.00	66.47 4.97 -0.13	90.70 5.27 -24.58	48.18 2.88 -9.17	41.88 2.92 -0.53	40.94 2.95 0.00	36.81 2.53 0.00	38.45 2.22 0.00	37.16 1.94 0.00

EAST HAMPTON___GT 23717	37.12 4.60 -1.32	38.83 4.65 0.00	34.02 3.97 0.00	26.09 3.00 0.00	26.47 3.12 0.00	31.65 4.04 0.00	43.85 5.21 0.00	41.49 5.18 0.00	39.01 5.33 -0.33	37.86 2.93 -17.42	36.34 5.46 -0.45	51.54 1.38 -41.74	54.01 0.76 -48.60	37.77 0.99 -31.17	52.10 5.93 -12.87	327.60 5.91 -289.31	271.45 9.99 -200.10	96.75 11.30 -24.60	61.52 6.48 -18.92	62.84 6.54 -17.87	76.10 6.65 -31.46	48.17 5.78 -8.11	41.78 5.55 -0.01	40.02 4.80 0.00
EAST RIVER___6 23660	34.43 1.91 -1.33	35.83 1.65 0.00	31.41 1.37 0.00	24.15 1.07 0.00	24.51 1.15 0.00	29.03 1.42 0.00	40.73 2.09 0.00	38.57 2.26 0.00	35.96 2.27 -0.33	36.17 1.25 -17.42	33.02 2.14 -0.45	50.70 0.56 -41.72	53.54 0.32 -48.57	35.83 0.43 -29.79	35.82 2.50 -0.03	35.01 2.63 0.00	66.54 5.04 -0.13	90.65 5.22 -24.58	48.16 2.86 -9.17	41.84 2.88 -0.53	40.91 2.91 0.00	36.76 2.48 0.00	38.39 2.16 0.00	37.08 1.85 0.00
EAST RIVER___7 23524	34.43 1.91 -1.33	35.83 1.65 0.00	31.41 1.37 0.00	24.15 1.07 0.00	24.51 1.15 0.00	29.03 1.42 0.00	40.73 2.09 0.00	38.57 2.26 0.00	35.96 2.27 -0.33	36.17 1.25 -17.42	33.02 2.14 -0.45	50.70 0.56 -41.72	53.54 0.32 -48.57	35.83 0.43 -29.79	35.82 2.50 -0.03	35.01 2.63 0.00	66.54 5.04 -0.13	90.65 5.22 -24.58	48.16 2.86 -9.17	41.84 2.88 -0.53	40.91 2.91 0.00	36.76 2.48 0.00	38.39 2.16 0.00	37.08 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.19 1.59 -1.41	35.55 1.37 0.00	31.21 1.16 0.00	24.02 0.93 0.00	24.37 1.01 0.00	28.91 1.30 0.00	40.52 1.88 0.00	38.31 2.00 0.00	35.68 2.00 -0.33	35.96 1.10 -17.35	32.75 1.87 -0.45	50.48 0.49 -41.57	53.33 0.27 -48.40	35.66 0.37 -29.68	35.51 2.19 -0.03	34.68 2.29 0.00	65.96 4.45 -0.13	90.04 4.70 -24.49	47.84 2.57 -9.13	41.54 2.59 -0.53	40.56 2.57 0.00	36.45 2.17 0.00	38.13 1.90 0.00	36.83 1.61 0.00
EAST_HAMPTON___DIESEL 23722	37.12 4.61 -1.32	38.83 4.65 0.00	34.03 3.98 0.00	26.09 3.01 0.00	26.48 3.13 0.00	31.65 4.04 0.00	43.85 5.22 0.00	41.50 5.19 0.00	39.01 5.33 -0.33	37.87 2.94 -17.42	36.35 5.47 -0.45	51.54 1.38 -41.74	54.02 0.76 -48.60	37.77 0.99 -31.17	52.11 5.94 -12.87	327.60 5.91 -289.31	271.50 10.04 -200.09	96.76 11.31 -24.60	61.53 6.49 -18.92	62.85 6.55 -17.87	76.12 6.67 -31.46	48.18 5.78 -8.11	41.80 5.56 -0.01	40.03 4.80 0.00
EAST_PULASKI___ESR 323781	31.61 0.41 0.00	34.53 0.35 0.00	30.24 0.20 0.00	23.17 0.08 0.00	23.55 0.20 0.00	27.96 0.34 0.00	39.34 0.70 0.00	37.01 0.70 0.00	33.91 0.53 -0.02	18.51 0.20 -0.81	30.73 0.28 -0.02	10.40 0.03 -1.95	6.89 -0.03 -2.27	6.96 -0.04 -1.39	33.01 -0.29 0.00	32.07 -0.31 0.00	60.86 -0.51 -0.01	62.00 -0.01 -1.15	36.74 0.18 -0.43	38.90 0.45 -0.02	38.34 0.34 0.00	34.60 0.32 0.00	36.67 0.44 0.00	35.55 0.33 0.00
EAST_RIVER___1 323558	34.36 1.84 -1.33	35.76 1.58 0.00	31.37 1.32 0.00	24.13 1.05 0.00	24.49 1.14 0.00	29.05 1.43 0.00	40.71 2.07 0.00	38.53 2.22 0.00	35.88 2.19 -0.33	36.13 1.21 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.72 2.40 -0.03	34.91 2.53 0.00	66.34 4.83 -0.13	90.46 5.03 -24.58	48.06 2.77 -9.17	41.73 2.78 -0.53	40.79 2.80 0.00	36.66 2.38 0.00	38.32 2.09 0.00	37.00 1.77 0.00
EAST_RIVER___2 323559	34.43 1.91 -1.33	35.83 1.65 0.00	31.41 1.37 0.00	24.15 1.07 0.00	24.51 1.15 0.00	29.03 1.42 0.00	40.73 2.09 0.00	38.57 2.26 0.00	35.96 2.27 -0.33	36.17 1.25 -17.42	33.02 2.14 -0.45	50.70 0.56 -41.72	53.54 0.32 -48.57	35.83 0.43 -29.79	35.82 2.50 -0.03	35.01 2.63 0.00	66.54 5.04 -0.13	90.65 5.22 -24.58	48.16 2.86 -9.17	41.84 2.88 -0.53	40.91 2.91 0.00	36.76 2.48 0.00	38.39 2.16 0.00	37.08 1.85 0.00
EAST___DELAWARE_HYD 23607	32.15 0.95 0.00	34.90 0.72 0.00	30.68 0.63 0.00	23.59 0.51 0.00	23.93 0.57 0.00	28.36 0.75 0.00	39.85 1.21 0.00	37.73 1.42 0.00	35.00 1.37 -0.27	32.67 0.78 -14.39	32.04 1.24 -0.38	43.13 0.29 -34.43	44.80 0.07 -40.08	30.33 0.11 -24.61	33.98 0.66 -0.02	33.16 0.78 0.00	63.23 1.74 -0.11	83.31 2.14 -20.31	44.87 1.16 -7.57	40.11 1.25 -0.44	40.00 2.01 0.00	35.91 1.63 0.00	37.59 1.37 0.00	36.29 1.06 0.00
EIGHT_POINT___WT_PWR 323820	31.29 0.10 0.00	34.25 0.07 0.00	30.13 0.08 0.00	23.03 -0.05 0.00	23.41 0.05 0.00	27.80 0.18 0.00	39.00 0.37 0.00	36.58 0.28 0.00	33.37 -0.02 -0.03	19.08 -0.16 -1.74	30.23 -0.24 -0.05	12.71 -0.17 -4.47	9.63 -0.13 -5.10	8.68 -0.12 -3.19	32.74 -0.56 0.00	32.01 -0.38 0.00	60.47 -0.92 -0.01	62.12 -1.37 -2.64	36.32 -0.79 -0.98	37.60 -0.88 -0.06	37.39 -0.60 0.00	34.33 0.05 0.00	36.42 0.19 0.00	35.20 -0.02 0.00
ELBRIDGE_115KV_TB2 80188	31.02 -0.18 0.00	33.89 -0.29 0.00	29.80 -0.25 0.00	22.86 -0.22 0.00	23.10 -0.25 0.00	27.37 -0.24 0.00	38.41 -0.23 0.00	36.11 -0.20 0.00	33.10 -0.28 -0.02	18.42 -0.17 -1.08	30.19 -0.27 -0.03	10.95 -0.08 -2.62	7.65 -0.04 -3.04	7.42 -0.05 -1.87	32.98 -0.32 0.00	32.13 -0.26 0.00	60.87 -0.51 -0.01	61.90 -0.49 -1.54	36.41 -0.29 -0.57	38.14 -0.31 -0.03	37.74 -0.25 0.00	34.10 -0.18 0.00	36.04 -0.19 0.00	34.94 -0.29 0.00
ELEC_TRO_TEK 24086	34.58 2.07 -1.32	36.06 1.88 0.00	31.61 1.56 0.00	24.33 1.24 0.00	24.69 1.34 0.00	29.35 1.74 0.00	40.81 2.18 0.00	38.62 2.31 0.00	36.17 2.48 -0.33	36.27 1.34 -17.42	33.32 2.44 -0.45	50.74 0.58 -41.74	53.58 0.33 -48.59	37.25 0.47 -31.17	48.91 2.74 -12.87	87.89 2.78 -52.73	69.94 5.19 -3.38	91.06 5.62 -24.59	49.16 3.05 -9.98	42.10 3.14 -0.53	72.64 3.19 -31.46	44.81 2.77 -7.76	38.73 2.50 0.00	37.42 2.20 0.00
ELLENBURG_WT_PWR 323604	31.52 0.32 0.00	35.02 0.84 0.00	30.91 0.87 0.00	23.76 0.67 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.29 0.65 0.00	36.58 0.27 0.00	33.67 0.31 0.00	17.91 0.41 0.00	30.84 0.41 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.46 0.08 0.00	61.25 -0.12 0.00	60.29 -0.56 0.00	36.05 -0.08 0.00	38.18 -0.24 0.00	37.50 -0.49 0.00	33.68 -0.61 0.00	35.89 -0.34 0.00	35.40 0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.80 -0.40 0.00	33.81 -0.37 0.00	29.73 -0.32 0.00	22.68 -0.40 0.00	22.91 -0.44 0.00	27.06 -0.55 0.00	37.71 -0.92 0.00	35.32 -0.99 0.00	32.10 -1.28 -0.03	18.14 -0.79 -1.43	29.44 -1.02 -0.04	11.65 -0.33 -3.57	8.61 -0.14 -4.10	7.97 -0.18 -2.55	32.35 -0.95 0.00	31.56 -0.83 0.00	59.21 -2.17 -0.01	60.17 -2.79 -2.10	35.12 -1.79 -0.78	36.52 -1.94 -0.05	36.42 -1.57 0.00	33.30 -0.99 0.00	35.44 -0.79 0.00	34.24 -0.98 0.00
EMPIRE_CC_1 323656	32.62 0.94 -0.48	35.06 0.88 0.00	30.78 0.74 0.00	23.74 0.66 0.00	24.04 0.68 0.00	28.53 0.91 0.00	39.80 1.16 0.00	37.19 0.88 0.00	34.75 0.99 -0.40	39.39 0.52 -21.36	31.83 0.85 -0.56	44.94 0.24 -36.29	47.08 0.13 -42.29	42.31 0.16 -36.54	34.19 0.86 -0.03	33.07 0.68 0.00	62.86 1.33 -0.16	92.74 1.74 -30.16	48.37 1.00 -11.25	40.23 1.15 -0.66	38.97 0.98 0.00	35.10 0.81 0.00	36.91 0.69 0.00	35.97 0.74 0.00

EMPIRE_CC_2 323658	32.62 0.94 -0.48	35.06 0.88 0.00	30.78 0.74 0.00	23.74 0.66 0.00	24.04 0.68 0.00	28.53 0.91 0.00	39.80 1.16 0.00	37.19 0.88 0.00	34.75 0.99 -0.40	39.39 0.52 -21.36	31.83 0.85 -0.56	44.94 0.24 -36.29	47.08 0.13 -42.29	42.31 0.16 -36.54	34.19 0.86 -0.03	33.07 0.68 0.00	62.86 1.33 -0.16	92.74 1.74 -30.16	48.37 1.00 -11.25	40.23 1.15 -0.66	38.97 0.98 0.00	35.10 0.81 0.00	36.91 0.69 0.00	35.97 0.74 0.00
ENORWICH_115KV_TB1 80156	33.11 1.91 0.00	36.13 1.96 0.00	31.69 1.64 0.00	24.35 1.26 0.00	24.80 1.45 0.00	29.40 1.78 0.00	41.47 2.84 0.00	39.25 2.94 0.00	35.91 2.50 -0.05	21.61 1.22 -2.88	32.42 1.92 -0.07	15.79 0.51 -6.87	12.96 0.30 -8.01	10.83 0.32 -4.91	35.38 2.08 0.00	34.46 2.08 0.00	65.43 4.03 -0.02	69.11 4.21 -4.05	40.20 2.56 -1.51	41.32 2.82 -0.09	40.85 2.86 0.00	36.71 2.42 0.00	38.49 2.26 0.00	37.05 1.83 0.00
ERIE_ST__34_KV_TB1-2 80199	31.02 -0.18 0.00	34.00 -0.17 0.00	29.86 -0.18 0.00	22.79 -0.29 0.00	23.06 -0.30 0.00	27.27 -0.35 0.00	38.07 -0.56 0.00	35.70 -0.61 0.00	32.46 -0.93 -0.03	18.35 -0.62 -1.47	29.77 -0.70 -0.04	11.83 -0.25 -3.66	8.77 -0.10 -4.21	8.10 -0.13 -2.62	32.73 -0.57 0.00	31.96 -0.42 0.00	60.01 -1.37 -0.01	60.86 -2.15 -2.16	35.54 -1.39 -0.81	36.96 -1.51 -0.05	36.84 -1.15 0.00	33.65 -0.64 0.00	35.77 -0.46 0.00	34.51 -0.72 0.00
ERIE_WT_PWR 323693	30.94 -0.25 0.00	33.99 -0.19 0.00	29.87 -0.17 0.00	22.79 -0.30 0.00	23.01 -0.35 0.00	27.20 -0.41 0.00	37.99 -0.64 0.00	35.56 -0.74 0.00	32.32 -1.06 -0.03	18.27 -0.68 -1.45	29.62 -0.85 -0.04	11.77 -0.28 -3.63	8.71 -0.12 -4.17	8.05 -0.15 -2.59	32.54 -0.76 0.00	31.75 -0.64 0.00	59.57 -1.81 -0.01	60.58 -2.41 -2.14	35.36 -1.57 -0.80	36.78 -1.69 -0.05	36.68 -1.31 0.00	33.52 -0.76 0.00	35.64 -0.59 0.00	34.45 -0.77 0.00
ESPRGFLD_115KV_TB1 80157	32.14 1.13 0.19	35.25 1.07 0.00	30.97 0.93 0.00	23.79 0.70 0.00	24.12 0.77 0.00	28.60 0.99 0.00	40.22 1.58 0.00	37.95 1.64 0.00	34.93 1.49 -0.08	22.54 0.77 -4.27	31.81 1.28 -0.11	18.94 0.35 -10.18	16.72 0.19 -11.87	13.12 0.24 -7.27	34.73 1.43 -0.01	33.86 1.47 0.00	64.28 2.88 -0.03	69.81 2.96 -6.00	40.04 1.67 -2.24	40.29 1.74 -0.13	39.74 1.75 0.00	35.73 1.45 0.00	37.55 1.32 0.00	36.30 1.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.74 0.54 0.00	34.65 0.46 0.00	30.42 0.38 0.00	23.35 0.26 0.00	23.68 0.32 0.00	28.05 0.44 0.00	39.41 0.78 0.00	37.10 0.80 0.00	34.01 0.62 -0.04	19.80 0.26 -2.03	30.91 0.43 -0.05	13.37 0.09 -4.87	10.38 0.05 -5.67	9.14 0.05 -3.48	33.69 0.39 0.00	32.83 0.45 0.00	62.25 0.86 -0.02	64.63 0.91 -2.87	37.83 0.64 -1.07	39.18 0.69 -0.06	38.76 0.77 0.00	34.99 0.70 0.00	36.85 0.62 0.00	35.64 0.41 0.00
ETNA_____115KV_TB2 80207	31.74 0.54 0.00	34.65 0.46 0.00	30.42 0.38 0.00	23.35 0.26 0.00	23.68 0.32 0.00	28.05 0.44 0.00	39.41 0.78 0.00	37.10 0.80 0.00	34.01 0.62 -0.04	19.80 0.26 -2.03	30.91 0.43 -0.05	13.37 0.09 -4.87	10.38 0.05 -5.67	9.14 0.05 -3.48	33.69 0.39 0.00	32.83 0.45 0.00	62.25 0.86 -0.02	64.63 0.91 -2.87	37.83 0.64 -1.07	39.18 0.69 -0.06	38.76 0.77 0.00	34.99 0.70 0.00	36.85 0.62 0.00	35.64 0.41 0.00
EUCLID___115KV_TB2 356179	30.78 -0.42 0.00	33.66 -0.52 0.00	29.56 -0.49 0.00	22.67 -0.41 0.00	22.97 -0.39 0.00	27.20 -0.41 0.00	38.14 -0.50 0.00	35.87 -0.44 0.00	32.89 -0.49 -0.02	18.13 -0.27 -0.90	30.00 -0.45 -0.02	10.45 -0.13 -2.17	7.10 -0.07 -2.52	7.07 -0.09 -1.55	32.76 -0.53 0.00	31.91 -0.47 0.00	60.43 -0.95 -0.01	61.21 -0.92 -1.28	36.05 -0.55 -0.48	37.87 -0.58 -0.03	37.46 -0.53 0.00	33.85 -0.43 0.00	35.81 -0.42 0.00	34.70 -0.53 0.00
E_CANADA_CAP_HY 24051	34.06 2.46 -0.41	37.06 2.88 0.00	32.54 2.50 0.00	24.78 1.70 0.00	25.04 1.68 0.00	29.64 2.03 0.00	41.79 3.15 0.00	39.38 3.08 0.00	36.51 2.72 -0.43	41.91 1.35 -23.05	33.22 2.20 -0.60	63.82 0.58 -54.83	68.80 0.30 -63.85	45.34 0.30 -39.43	35.20 1.87 -0.04	34.28 1.89 0.00	64.89 3.34 -0.18	96.81 3.43 -32.54	50.75 2.49 -12.13	41.74 2.62 -0.69	40.52 2.53 0.00	36.83 2.54 0.00	39.09 2.87 0.00	38.13 2.91 0.00
E_CANADA_MHWK_HY 24050	31.44 0.25 0.00	34.17 -0.02 0.00	29.93 -0.12 0.00	23.15 0.07 0.00	23.56 0.20 0.00	27.95 0.34 0.00	39.02 0.38 0.00	36.74 0.43 0.00	33.84 0.48 0.00	17.81 0.31 0.00	31.05 0.62 0.00	8.59 0.18 0.00	4.71 0.05 0.00	5.65 0.04 0.00	33.51 0.21 0.00	32.40 0.02 0.00	61.27 -0.09 0.00	61.60 0.75 0.00	36.55 0.42 0.00	38.92 0.50 0.00	38.22 0.23 0.00	34.49 0.21 0.00	36.10 -0.12 0.00	34.88 -0.35 0.00
E_FISHKILL___LBMP 23776	33.14 1.35 -0.59	35.32 1.14 0.00	31.01 0.96 0.00	23.88 0.79 0.00	24.22 0.86 0.00	28.72 1.10 0.00	40.25 1.61 0.00	38.02 1.71 0.00	35.41 1.71 -0.34	36.48 0.95 -18.04	32.49 1.60 -0.47	52.04 0.42 -43.21	55.19 0.24 -50.30	36.77 0.32 -30.85	35.17 1.85 -0.03	34.30 1.92 0.00	65.23 3.72 -0.14	90.33 4.02 -25.46	47.84 2.22 -9.49	41.22 2.25 -0.55	40.19 2.20 0.00	36.13 1.85 0.00	37.84 1.62 0.00	36.58 1.35 0.00
FALCON___SEABRD_CC1 323796	31.93 0.73 0.00	35.40 1.22 0.00	31.25 1.21 0.00	24.04 0.96 0.00	24.34 0.98 0.00	28.64 1.02 0.00	39.61 0.97 0.00	36.77 0.46 0.00	33.88 0.52 0.00	18.10 0.60 0.00	31.06 0.63 0.00	8.65 0.23 0.00	4.78 0.12 0.00	5.72 0.12 0.00	33.71 0.42 0.00	32.65 0.27 0.00	61.67 0.30 0.00	60.84 -0.01 0.00	36.50 0.37 0.00	38.68 0.26 0.00	37.95 -0.04 0.00	34.06 -0.22 0.00	36.26 0.04 0.00	35.85 0.63 0.00
FALCON___SEABRD_CC2 323797	31.93 0.73 0.00	35.40 1.22 0.00	31.25 1.21 0.00	24.04 0.96 0.00	24.34 0.98 0.00	28.64 1.02 0.00	39.61 0.97 0.00	36.77 0.46 0.00	33.88 0.52 0.00	18.10 0.60 0.00	31.06 0.63 0.00	8.65 0.23 0.00	4.78 0.12 0.00	5.72 0.12 0.00	33.71 0.42 0.00	32.65 0.27 0.00	61.67 0.30 0.00	60.84 -0.01 0.00	36.50 0.37 0.00	38.68 0.26 0.00	37.95 -0.04 0.00	34.06 -0.22 0.00	36.26 0.04 0.00	35.85 0.63 0.00
FAR ROCKAWAY___4 23548	35.12 2.60 -1.32	36.61 2.43 0.00	32.06 2.01 0.00	24.67 1.59 0.00	25.08 1.72 0.00	29.78 2.17 0.00	41.42 2.79 0.00	39.23 2.92 0.00	36.73 3.05 -0.33	36.55 1.63 -17.42	33.72 2.84 -0.45	50.84 0.69 -41.74	53.64 0.39 -48.59	37.33 0.56 -31.17	49.43 3.26 -12.87	88.44 3.32 -52.73	71.02 6.26 -3.38	92.17 6.73 -24.59	49.81 3.70 -9.98	42.68 3.73 -0.53	73.28 3.84 -31.46	45.47 3.42 -7.76	39.43 3.20 0.00	37.99 2.76 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.36 1.83 -1.33	35.77 1.59 0.00	31.39 1.34 0.00	24.14 1.05 0.00	24.50 1.15 0.00	29.07 1.46 0.00	40.74 2.10 0.00	38.54 2.23 0.00	35.91 2.22 -0.33	36.14 1.22 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.31 -48.57	35.81 0.41 -29.79	35.73 2.41 -0.03	34.92 2.53 0.00	66.37 4.87 -0.13	90.48 5.05 -24.58	48.08 2.78 -9.17	41.74 2.79 -0.53	40.80 2.81 0.00	36.68 2.39 0.00	38.33 2.10 0.00	37.01 1.78 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.39 1.86 -1.33	35.80 1.62 0.00	31.41 1.37 0.00	24.16 1.07 0.00	24.51 1.16 0.00	29.10 1.48 0.00	40.77 2.13 0.00	38.57 2.26 0.00	35.93 2.24 -0.33	36.15 1.23 -17.42	32.97 2.09 -0.45	50.68 0.55 -41.72	53.53 0.31 -48.57	35.81 0.42 -29.79	35.75 2.43 -0.03	34.95 2.57 0.00	66.40 4.90 -0.13	90.54 5.11 -24.58	48.11 2.82 -9.17	41.78 2.83 -0.53	40.83 2.84 0.00	36.71 2.43 0.00	38.37 2.14 0.00	37.04 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.34 1.81 -1.33	35.75 1.57 0.00	31.37 1.32 0.00	24.13 1.05 0.00	24.48 1.13 0.00	29.05 1.44 0.00	40.72 2.08 0.00	38.53 2.22 0.00	35.88 2.20 -0.33	36.13 1.21 -17.42	32.93 2.05 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.80 0.41 -29.79	35.71 2.39 -0.03	34.91 2.52 0.00	66.33 4.83 -0.13	90.44 5.01 -24.58	48.05 2.76 -9.17	41.71 2.76 -0.53	40.77 2.78 0.00	36.66 2.37 0.00	38.30 2.08 0.00	37.00 1.78 0.00
FARRAGUT___LBMP 323566	34.31 1.79 -1.33	35.72 1.54 0.00	31.35 1.30 0.00	24.11 1.02 0.00	24.47 1.11 0.00	29.03 1.41 0.00	40.67 2.04 0.00	38.48 2.18 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.89 2.01 -0.45	50.67 0.53 -41.72	53.52 0.29 -48.57	35.80 0.40 -29.79	35.66 2.34 -0.03	34.85 2.47 0.00	66.24 4.74 -0.13	90.37 4.94 -24.58	48.01 2.72 -9.17	41.67 2.72 -0.53	40.73 2.74 0.00	36.62 2.34 0.00	38.26 2.04 0.00	36.97 1.75 0.00
FENNER___WINDPWR 24204	31.77 0.57 0.00	34.72 0.54 0.00	30.45 0.41 0.00	23.40 0.31 0.00	23.75 0.39 0.00	28.13 0.51 0.00	39.49 0.85 0.00	37.17 0.86 0.00	34.10 0.72 -0.02	19.01 0.36 -1.15	30.98 0.52 -0.03	11.27 0.12 -2.74	7.91 0.06 -3.19	7.64 0.07 -1.96	33.71 0.42 0.00	32.84 0.45 0.00	62.21 0.83 -0.01	63.45 0.99 -1.61	37.43 0.70 -0.60	39.24 0.79 -0.04	38.76 0.77 0.00	34.94 0.66 0.00	36.83 0.61 0.00	35.70 0.47 0.00
FIBERTEK___ENERGY 23856	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
FITZPATRICK____ 23598	30.34 -0.85 0.00	33.21 -0.96 0.00	29.19 -0.86 0.00	22.40 -0.69 0.00	22.67 -0.69 0.00	26.83 -0.79 0.00	37.59 -1.04 0.00	35.34 -0.96 0.00	32.43 -0.94 -0.01	17.65 -0.51 -0.65	29.57 -0.87 -0.02	9.76 -0.24 -1.58	6.36 -0.13 -1.83	6.57 -0.16 -1.13	32.33 -0.97 0.00	31.48 -0.90 0.00	59.61 -1.76 0.00	60.04 -1.74 -0.93	35.43 -1.05 -0.35	37.33 -1.11 -0.02	36.93 -1.06 0.00	33.38 -0.91 0.00	35.32 -0.90 0.00	34.27 -0.95 0.00
FLOWRFLD_69_KV_BK1 356044	35.34 2.82 -1.32	36.90 2.72 0.00	32.29 2.25 0.00	24.82 1.73 0.00	25.14 1.79 0.00	29.98 2.36 0.00	41.45 2.81 0.00	39.20 2.89 0.00	36.90 3.22 -0.33	36.69 1.76 -17.42	34.21 3.33 -0.45	50.94 0.79 -41.74	53.69 0.45 -48.59	37.40 0.62 -31.17	49.86 3.70 -12.87	402.45 3.79 -366.27	336.58 6.65 -268.56	92.34 6.90 -24.60	62.56 3.85 -22.59	67.60 4.18 -24.99	73.74 4.29 -31.46	46.29 3.76 -8.25	39.73 3.49 -0.01	38.29 3.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.18 1.73 -0.26	35.73 1.55 0.00	31.36 1.32 0.00	24.15 1.06 0.00	24.49 1.13 0.00	29.04 1.43 0.00	40.76 2.12 0.00	38.53 2.22 0.00	35.87 2.18 -0.33	36.21 1.18 -17.53	32.89 2.01 -0.46	50.92 0.53 -41.98	53.82 0.30 -48.87	35.98 0.40 -29.97	35.65 2.33 -0.03	34.79 2.41 0.00	66.23 4.73 -0.13	90.64 5.06 -24.73	48.18 2.83 -9.22	41.83 2.88 -0.53	40.81 2.82 0.00	36.66 2.37 0.00	38.36 2.14 0.00	37.03 1.81 0.00
FORT ORANGE____ 23900	32.53 0.91 -0.42	34.98 0.80 0.00	30.70 0.65 0.00	23.66 0.58 0.00	23.96 0.60 0.00	28.43 0.82 0.00	39.77 1.14 0.00	37.34 1.04 0.00	34.87 1.09 -0.42	40.57 0.58 -22.48	32.04 1.03 -0.59	50.55 0.28 -41.86	53.61 0.14 -48.82	44.22 0.16 -38.45	34.29 0.96 -0.04	33.31 0.92 0.00	63.40 1.86 -0.17	94.65 2.06 -31.73	49.14 1.18 -11.83	40.44 1.34 -0.67	39.20 1.21 0.00	35.30 1.01 0.00	37.10 0.87 0.00	35.97 0.74 0.00
FORT_DRUM_COGEN 23780	32.16 0.96 0.00	35.06 0.88 0.00	30.64 0.59 0.00	23.42 0.34 0.00	23.95 0.59 0.00	28.50 0.88 0.00	40.22 1.58 0.00	37.86 1.55 0.00	34.67 1.30 -0.01	18.59 0.53 -0.55	31.11 0.67 -0.01	9.82 0.06 -1.34	6.12 -0.10 -1.56	6.43 -0.13 -0.96	32.47 -0.82 0.00	31.47 -0.91 0.00	59.99 -1.38 0.00	61.56 -0.08 0.00	36.93 0.51 -0.79	39.72 1.28 -0.29	38.85 0.85 -0.02	34.90 0.62 0.00	37.05 0.82 0.00	36.07 0.85 0.00
FPL_FAR_ROCK_GT1 24212	35.12 2.60 -1.32	36.62 2.44 0.00	32.05 2.01 0.00	24.67 1.59 0.00	25.09 1.73 0.00	29.80 2.18 0.00	41.42 2.79 0.00	39.24 2.93 0.00	36.73 3.04 -0.33	36.55 1.63 -17.42	33.72 2.84 -0.45	50.85 0.69 -41.74	53.64 0.39 -48.60	37.34 0.56 -31.18	49.44 3.27 -12.88	88.44 3.32 -52.73	71.02 6.26 -3.38	92.17 6.73 -24.60	49.81 3.70 -9.98	42.69 3.73 -0.53	73.28 3.84 -31.46	45.46 3.42 -7.76	39.43 3.20 0.00	37.97 2.75 0.00
FPL_FAR_ROCK_GT2 23815	35.12 2.60 -1.32	36.62 2.44 0.00	32.05 2.01 0.00	24.67 1.59 0.00	25.09 1.73 0.00	29.80 2.18 0.00	41.42 2.79 0.00	39.24 2.93 0.00	36.73 3.04 -0.33	36.55 1.63 -17.42	33.72 2.84 -0.45	50.85 0.69 -41.74	53.64 0.39 -48.60	37.34 0.56 -31.18	49.44 3.27 -12.88	88.44 3.32 -52.73	71.02 6.26 -3.38	92.17 6.73 -24.60	49.81 3.70 -9.98	42.69 3.73 -0.53	73.28 3.84 -31.46	45.46 3.42 -7.76	39.43 3.20 0.00	37.97 2.75 0.00
FRANKLIN_FALL_HYD 24054	31.54 0.34 0.00	35.01 0.83 0.00	30.88 0.83 0.00	23.71 0.63 0.00	23.99 0.64 0.00	28.26 0.65 0.00	41.78 0.70 -2.44	39.21 0.45 -2.46	35.05 0.43 -1.25	18.92 0.51 -0.91	30.95 0.52 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.53 0.23 0.00	32.55 0.16 0.00	61.50 0.13 0.00	60.55 -0.30 0.00	36.23 0.10 0.00	38.56 0.03 -0.11	37.86 -0.13 0.00	33.98 -0.30 0.00	36.15 -0.09 0.00	35.52 0.30 0.00
FREEPORT_EQUS_GT1 23764	34.87 2.35 -1.32	36.38 2.20 0.00	31.85 1.80 0.00	24.52 1.44 0.00	24.93 1.57 0.00	29.61 2.00 0.00	41.12 2.48 0.00	38.94 2.64 0.00	36.49 2.80 -0.33	36.44 1.51 -17.42	33.62 2.73 -0.45	50.81 0.65 -41.74	53.63 0.38 -48.60	37.31 0.53 -31.17	49.28 3.11 -12.87	88.19 3.07 -52.73	70.47 5.72 -3.38	91.62 6.17 -24.60	49.49 3.37 -9.98	42.43 3.47 -0.53	72.99 3.54 -31.46	45.22 3.17 -7.76	39.17 2.94 0.00	37.76 2.54 0.00
FREEPORT___CT2 23818	34.87 2.35 -1.32	36.38 2.20 0.00	31.85 1.80 0.00	24.52 1.44 0.00	24.93 1.57 0.00	29.61 2.00 0.00	41.12 2.48 0.00	38.94 2.64 0.00	36.49 2.80 -0.33	36.44 1.51 -17.42	33.62 2.73 -0.45	50.81 0.65 -41.74	53.63 0.38 -48.60	37.31 0.53 -31.17	49.28 3.11 -12.87	88.19 3.07 -52.73	70.47 5.72 -3.38	91.62 6.17 -24.60	49.49 3.37 -9.98	42.43 3.47 -0.53	72.99 3.54 -31.46	45.22 3.17 -7.76	39.17 2.94 0.00	37.76 2.54 0.00

FRESHKLS_33_KV_LOAD 356253	34.38 1.86 -1.33	35.76 1.58 0.00	31.47 1.42 0.00	24.16 1.07 0.00	24.53 1.17 0.00	29.16 1.55 0.00	36.69 1.94 3.89	34.97 2.05 3.40	34.20 2.06 1.22	34.68 1.18 -16.00	32.91 2.03 -0.45	39.11 0.52 -30.18	36.74 0.29 -31.79	35.40 0.40 -29.39	35.46 2.30 0.13	34.48 2.48 0.39	55.95 4.63 10.05	86.47 4.86 -20.76	47.99 2.69 -9.17	41.48 2.69 -0.36	40.79 2.79 0.00	36.76 2.47 -0.01	38.32 2.09 0.00	37.06 1.84 0.00
FULTON COGEN____ 23766	31.46 0.26 0.00	34.37 0.19 0.00	30.13 0.08 0.00	23.11 0.02 0.00	23.45 0.10 0.00	27.80 0.18 0.00	39.03 0.40 0.00	36.72 0.42 0.00	33.65 0.27 -0.02	18.50 0.11 -0.89	30.65 0.20 -0.02	10.58 0.03 -2.14	7.14 0.01 -2.48	7.14 0.00 -1.53	33.27 -0.03 0.00	32.40 0.01 0.00	61.41 0.04 -0.01	62.37 0.26 -1.26	36.80 0.21 -0.47	38.76 0.31 -0.03	38.29 0.30 0.00	34.57 0.28 0.00	36.56 0.33 0.00	35.39 0.17 0.00
FULTON____LFGE 323630	34.54 2.94 -0.41	37.44 3.26 0.00	32.82 2.77 0.00	25.16 2.07 0.00	25.60 2.25 0.00	30.24 2.62 0.00	42.60 3.96 0.00	40.19 3.88 0.00	37.26 3.47 -0.43	42.22 1.66 -23.05	33.79 2.77 -0.60	63.94 0.69 -54.83	68.73 0.23 -63.85	45.37 0.34 -39.43	34.95 1.62 -0.04	33.56 1.17 0.00	62.84 1.30 -0.18	98.08 4.69 -32.54	51.20 2.93 -12.13	42.65 3.53 -0.69	41.39 3.40 0.00	37.43 3.14 0.00	39.67 3.44 0.00	38.59 3.37 0.00
G.F.CEMENT____DRP 24184	33.41 1.80 -0.41	35.92 1.74 0.00	31.52 1.48 0.00	24.30 1.22 0.00	24.62 1.27 0.00	29.34 1.73 0.00	41.17 2.54 0.00	38.54 2.23 0.00	35.88 2.09 -0.43	41.51 1.09 -22.92	32.99 1.96 -0.60	72.49 0.57 -63.50	78.86 0.30 -73.90	45.15 0.34 -39.20	35.10 1.77 -0.04	33.91 1.53 0.00	64.63 3.09 -0.18	96.86 3.67 -32.35	50.44 2.24 -12.06	41.38 2.27 -0.69	40.01 2.02 0.00	36.07 1.79 0.00	37.86 1.63 0.00	36.93 1.70 0.00
GARDENVILLE____LBMP 24039	30.87 -0.33 0.00	33.88 -0.30 0.00	29.78 -0.26 0.00	22.72 -0.36 0.00	22.97 -0.39 0.00	27.16 -0.46 0.00	37.86 -0.78 0.00	35.45 -0.86 0.00	32.23 -1.16 -0.03	18.22 -0.73 -1.45	29.54 -0.92 -0.04	11.74 -0.31 -3.63	8.68 -0.13 -4.16	8.03 -0.17 -2.59	32.45 -0.85 0.00	31.66 -0.72 0.00	59.42 -1.96 -0.01	60.40 -2.59 -2.14	35.26 -1.67 -0.80	36.66 -1.81 -0.05	36.55 -1.44 0.00	33.41 -0.87 0.00	35.54 -0.69 0.00	34.34 -0.88 0.00
GARDNVLA_35_KV_LD 355827	31.00 -0.20 0.00	34.02 -0.16 0.00	29.90 -0.15 0.00	22.82 -0.27 0.00	23.06 -0.29 0.00	27.25 -0.36 0.00	38.01 -0.62 0.00	35.60 -0.71 0.00	32.36 -1.02 -0.03	18.29 -0.66 -1.46	29.66 -0.80 -0.04	11.78 -0.27 -3.63	8.72 -0.11 -4.17	8.06 -0.14 -2.59	32.60 -0.70 0.00	31.80 -0.58 0.00	59.70 -1.69 -0.01	60.67 -2.32 -2.14	35.42 -1.51 -0.80	36.84 -1.63 -0.05	36.74 -1.25 0.00	33.57 -0.71 0.00	35.70 -0.53 0.00	34.47 -0.75 0.00
GELCKHM__115KV_LOAD 80723	30.95 -0.25 0.00	33.86 -0.32 0.00	29.73 -0.32 0.00	22.80 -0.28 0.00	23.09 -0.27 0.00	27.34 -0.27 0.00	38.35 -0.28 0.00	36.08 -0.23 0.00	33.07 -0.30 -0.02	18.27 -0.18 -0.94	30.16 -0.29 -0.02	10.60 -0.09 -2.28	7.26 -0.05 -2.64	7.17 -0.06 -1.63	32.92 -0.37 0.00	32.07 -0.31 0.00	60.77 -0.61 -0.01	61.63 -0.56 -1.34	36.29 -0.34 -0.50	38.09 -0.36 -0.03	37.68 -0.31 0.00	34.04 -0.24 0.00	35.99 -0.24 0.00	34.87 -0.35 0.00
GENERAL____MILLS 23808	30.94 -0.26 0.00	33.96 -0.22 0.00	29.85 -0.20 0.00	22.78 -0.30 0.00	23.02 -0.33 0.00	27.21 -0.40 0.00	37.94 -0.70 0.00	35.53 -0.78 0.00	32.30 -1.09 -0.03	18.26 -0.69 -1.45	29.60 -0.86 -0.04	11.76 -0.28 -3.63	8.70 -0.12 -4.17	8.05 -0.15 -2.59	32.53 -0.77 0.00	31.74 -0.65 0.00	59.58 -1.80 -0.01	60.54 -2.45 -2.14	35.34 -1.58 -0.80	36.76 -1.71 -0.05	36.66 -1.33 0.00	33.49 -0.79 0.00	35.63 -0.60 0.00	34.41 -0.82 0.00
GE_PLASTICS____DRP 24183	32.46 0.85 -0.42	34.91 0.73 0.00	30.65 0.61 0.00	23.61 0.53 0.00	23.91 0.55 0.00	28.36 0.74 0.00	39.67 1.03 0.00	37.25 0.94 0.00	34.77 0.99 -0.42	40.55 0.54 -22.51	31.93 0.92 -0.59	53.89 0.25 -45.22	57.49 0.13 -52.71	44.27 0.16 -38.50	34.25 0.92 -0.04	33.29 0.90 0.00	63.32 1.77 -0.17	94.56 1.94 -31.77	49.05 1.08 -11.85	40.33 1.23 -0.68	39.12 1.12 0.00	35.24 0.95 0.00	37.06 0.83 0.00	35.96 0.73 0.00
GILBOA____1 23756	32.63 0.99 -0.45	35.03 0.86 0.00	30.76 0.72 0.00	23.70 0.62 0.00	24.01 0.66 0.00	28.45 0.84 0.00	39.79 1.16 0.00	37.44 1.13 0.00	34.91 1.14 -0.40	39.76 0.62 -21.63	32.05 1.06 -0.57	60.48 0.29 -51.78	65.08 0.15 -60.28	42.78 0.18 -37.00	34.46 1.13 -0.03	33.53 1.15 0.00	63.52 1.99 -0.17	93.20 1.81 -30.54	48.61 1.10 -11.39	40.39 1.31 -0.66	39.33 1.34 0.00	35.50 1.21 0.00	37.34 1.12 0.00	36.20 0.97 0.00
GILBOA____2 23757	32.63 0.99 -0.45	35.03 0.86 0.00	30.76 0.72 0.00	23.70 0.62 0.00	24.01 0.66 0.00	28.45 0.84 0.00	39.79 1.16 0.00	37.44 1.13 0.00	34.91 1.14 -0.40	39.76 0.62 -21.63	32.05 1.06 -0.57	60.48 0.29 -51.78	65.08 0.15 -60.28	42.78 0.18 -37.00	34.46 1.13 -0.03	33.53 1.15 0.00	63.52 1.99 -0.17	93.20 1.81 -30.54	48.61 1.10 -11.39	40.39 1.31 -0.66	39.33 1.34 0.00	35.50 1.21 0.00	37.34 1.12 0.00	36.20 0.97 0.00
GILBOA____3 23758	32.63 0.99 -0.45	35.03 0.86 0.00	30.76 0.72 0.00	23.70 0.62 0.00	24.01 0.66 0.00	28.45 0.84 0.00	39.79 1.16 0.00	37.44 1.13 0.00	34.91 1.14 -0.40	39.76 0.62 -21.63	32.05 1.06 -0.57	60.48 0.29 -51.78	65.08 0.15 -60.28	42.78 0.18 -37.00	34.46 1.13 -0.03	33.53 1.15 0.00	63.52 1.99 -0.17	93.20 1.81 -30.54	48.61 1.10 -11.39	40.39 1.31 -0.66	39.33 1.34 0.00	35.50 1.21 0.00	37.34 1.12 0.00	36.20 0.97 0.00
GILBOA____4 23759	32.63 0.99 -0.45	35.03 0.86 0.00	30.76 0.72 0.00	23.70 0.62 0.00	24.01 0.66 0.00	28.45 0.84 0.00	39.79 1.16 0.00	37.44 1.13 0.00	34.91 1.14 -0.40	39.76 0.62 -21.63	32.05 1.06 -0.57	60.48 0.29 -51.78	65.08 0.15 -60.28	42.78 0.18 -37.00	34.46 1.13 -0.03	33.53 1.15 0.00	63.52 1.99 -0.17	93.20 1.81 -30.54	48.61 1.10 -11.39	40.39 1.31 -0.66	39.33 1.34 0.00	35.50 1.21 0.00	37.34 1.12 0.00	36.20 0.97 0.00
GILBOA____ 23599	32.63 0.98 -0.45	35.03 0.86 0.00	30.77 0.72 0.00	23.70 0.61 0.00	24.01 0.65 0.00	28.45 0.83 0.00	39.79 1.16 0.00	37.44 1.13 0.00	34.91 1.14 -0.40	39.76 0.63 -21.63	32.05 1.06 -0.57	60.48 0.29 -51.78	65.08 0.15 -60.28	42.78 0.18 -37.00	34.46 1.13 -0.03	33.53 1.14 0.00	63.54 2.00 -0.17	93.20 1.81 -30.54	48.61 1.10 -11.39	40.39 1.31 -0.66	39.33 1.34 0.00	35.50 1.22 0.00	37.34 1.12 0.00	36.20 0.98 0.00
GINNA____ 23603	29.66 -1.54 0.00	32.47 -1.71 0.00	28.53 -1.52 0.00	21.82 -1.26 0.00	22.05 -1.30 0.00	26.12 -1.50 0.00	36.60 -2.04 0.00	34.37 -1.94 0.00	31.38 -2.00 -0.02	17.55 -1.09 -1.13	28.71 -1.75 -0.03	10.70 -0.50 -2.78	7.60 -0.25 -3.20	7.28 -0.31 -1.99	31.45 -1.85 0.00	30.65 -1.73 0.00	57.85 -3.53 -0.01	58.90 -3.59 -1.64	34.53 -2.20 -0.61	36.11 -2.35 -0.04	35.80 -2.19 0.00	32.46 -1.83 0.00	34.38 -1.85 0.00	33.23 -1.99 0.00

GLEN PARK____ 23778	32.35 1.16 0.00	35.26 1.08 0.00	30.81 0.77 0.00	23.55 0.46 0.00	24.07 0.72 0.00	28.65 1.04 0.00	40.50 1.86 0.00	38.13 1.83 0.00	34.91 1.54 -0.01	18.71 0.63 -0.57	31.28 0.84 -0.02	9.89 0.09 -1.39	6.18 -0.09 -1.61	6.49 -0.11 -0.99	32.62 -0.67 0.00	31.55 -0.83 0.00	60.19 -1.18 0.00	61.80 0.13 -0.82	37.12 0.69 -0.30	40.02 1.57 -0.02	39.13 1.14 0.00	35.15 0.86 0.00	37.30 1.07 0.00	36.29 1.07 0.00
GLENDALDE_27_KV_LOAD 356172	34.48 1.96 -1.33	35.92 1.74 0.00	31.53 1.48 0.00	24.24 1.16 0.00	24.61 1.25 0.00	29.22 1.60 0.00	40.92 2.28 0.00	38.74 2.43 0.00	36.11 2.42 -0.33	36.25 1.32 -17.42	33.15 2.27 -0.45	50.74 0.60 -41.72	53.56 0.34 -48.57	35.85 0.45 -29.79	35.94 2.62 -0.03	35.16 2.78 0.00	66.71 5.20 -0.13	90.85 5.42 -24.58	48.30 3.00 -9.17	41.98 3.02 -0.53	41.05 3.05 0.00	36.92 2.64 0.00	38.55 2.32 0.00	37.23 2.00 0.00
GLENWOOD_IC_1_G5 23712	34.56 2.04 -1.32	36.03 1.85 0.00	31.59 1.54 0.00	24.32 1.23 0.00	24.68 1.32 0.00	29.31 1.69 0.00	40.90 2.26 0.00	38.69 2.38 0.00	35.96 2.27 -0.33	36.16 1.23 -17.42	33.10 2.22 -0.45	50.71 0.55 -41.74	53.57 0.32 -48.59	37.22 0.44 -31.17	48.76 2.59 -12.87	87.80 2.68 -52.73	69.80 5.05 -3.38	90.80 5.36 -24.59	49.05 2.94 -9.98	41.93 2.98 -0.53	72.56 3.12 -31.46	44.84 2.79 -7.76	38.71 2.49 0.00	37.37 2.15 0.00
GLENWOOD_IC_2_G1 23688	34.39 1.87 -1.32	35.85 1.67 0.00	31.44 1.39 0.00	24.20 1.12 0.00	24.57 1.22 0.00	29.16 1.55 0.00	40.73 2.09 0.00	38.53 2.23 0.00	35.95 2.26 -0.33	36.17 1.24 -17.42	33.08 2.20 -0.45	50.71 0.55 -41.74	53.56 0.31 -48.60	37.21 0.43 -31.17	48.69 2.52 -12.87	87.73 2.61 -52.73	69.70 4.95 -3.38	90.71 5.27 -24.60	49.01 2.90 -9.98	41.90 2.94 -0.53	72.40 2.96 -31.46	44.58 2.53 -7.76	38.49 2.26 0.00	37.15 1.92 0.00
GLENWOOD_IC_3_G1 23689	34.39 1.87 -1.32	35.85 1.67 0.00	31.44 1.39 0.00	24.20 1.12 0.00	24.57 1.22 0.00	29.16 1.55 0.00	40.73 2.09 0.00	38.53 2.23 0.00	35.95 2.26 -0.33	36.17 1.24 -17.42	33.08 2.20 -0.45	50.71 0.55 -41.74	53.56 0.31 -48.60	37.21 0.43 -31.17	48.69 2.52 -12.87	87.73 2.61 -52.73	69.70 4.95 -3.38	90.71 5.27 -24.60	49.01 2.90 -9.98	41.90 2.94 -0.53	72.40 2.96 -31.46	44.58 2.53 -7.76	38.49 2.26 0.00	37.15 1.92 0.00
GLENWOOD____4 23550	34.56 2.04 -1.32	36.03 1.85 0.00	31.59 1.54 0.00	24.32 1.23 0.00	24.68 1.32 0.00	29.31 1.69 0.00	40.90 2.26 0.00	38.70 2.39 0.00	36.04 2.35 -0.33	36.21 1.28 -17.42	33.18 2.30 -0.45	50.73 0.57 -41.74	53.58 0.33 -48.59	37.24 0.46 -31.17	48.85 2.68 -12.87	87.88 2.76 -52.73	69.96 5.21 -3.38	90.97 5.53 -24.59	49.15 3.04 -9.98	42.03 3.08 -0.53	72.62 3.17 -31.46	44.84 2.79 -7.76	38.71 2.49 0.00	37.37 2.15 0.00
GLENWOOD____5 23614	34.56 2.04 -1.32	36.03 1.85 0.00	31.59 1.54 0.00	24.32 1.23 0.00	24.68 1.32 0.00	29.31 1.69 0.00	40.90 2.26 0.00	38.70 2.39 0.00	36.04 2.35 -0.33	36.21 1.28 -17.42	33.18 2.30 -0.45	50.73 0.57 -41.74	53.58 0.33 -48.59	37.24 0.46 -31.17	48.85 2.68 -12.87	87.88 2.76 -52.73	69.96 5.21 -3.38	90.97 5.53 -24.59	49.15 3.04 -9.98	42.03 3.08 -0.53	72.62 3.17 -31.46	44.84 2.79 -7.76	38.71 2.49 0.00	37.37 2.15 0.00
GLOBAL GREEN_PORT_GT1 23814	36.94 4.43 -1.32	38.61 4.43 0.00	33.83 3.79 0.00	25.96 2.88 0.00	26.36 3.00 0.00	31.47 3.86 0.00	43.60 4.96 0.00	41.28 4.97 0.00	38.81 5.12 -0.33	37.75 2.82 -17.42	36.14 5.26 -0.45	51.48 1.32 -41.74	53.98 0.73 -48.60	37.74 0.96 -31.17	51.93 5.76 -12.87	327.37 5.66 -289.33	270.58 9.09 -200.12	96.25 10.81 -24.60	61.35 6.30 -18.92	62.65 6.35 -17.87	75.91 6.45 -31.46	47.97 5.58 -8.11	41.58 5.34 -0.01	39.83 4.60 0.00
GLOBE____DSASP 323697	30.09 -1.11 0.00	33.07 -1.11 0.00	29.10 -0.94 0.00	22.19 -0.89 0.00	22.37 -0.99 0.00	26.39 -1.22 0.00	36.62 -2.02 0.00	34.24 -2.07 0.00	31.09 -2.30 -0.03	17.57 -1.29 -1.36	28.56 -1.90 -0.04	11.23 -0.57 -3.39	8.25 -0.30 -3.90	7.68 -0.35 -2.42	31.45 -1.85 0.00	30.65 -1.74 0.00	57.29 -4.10 -0.01	58.24 -4.61 -2.00	34.07 -2.80 -0.75	35.43 -3.03 -0.04	35.35 -2.64 0.00	32.35 -1.93 0.00	34.58 -1.65 0.00	33.42 -1.80 0.00
GOETHSLN____LBMP 323567	34.14 1.62 -1.33	35.53 1.35 0.00	31.18 1.13 0.00	23.96 0.87 0.00	24.32 0.96 0.00	28.85 1.23 0.00	34.40 1.78 6.02	34.40 1.93 3.83	33.65 1.92 1.63	34.55 1.06 -15.99	32.70 1.82 -0.45	50.62 0.48 -41.72	53.49 0.27 -48.57	35.77 0.37 -29.79	35.49 2.17 -0.03	34.71 2.32 0.00	65.94 4.44 -0.13	90.03 4.60 -24.58	47.78 2.48 -9.17	41.24 2.46 -0.36	40.49 2.50 0.00	36.40 2.11 0.00	37.99 1.79 0.03	36.72 1.50 0.00
GOLAH____69_KV_TB 1_2 80279	31.37 0.17 0.00	34.33 0.15 0.00	30.15 0.11 0.00	23.02 -0.07 0.00	23.24 -0.11 0.00	27.54 -0.08 0.00	38.55 -0.08 0.00	36.21 -0.09 0.00	33.00 -0.39 -0.02	18.37 -0.30 -1.17	30.06 -0.39 -0.03	11.17 -0.13 -2.88	7.94 -0.04 -3.32	7.60 -0.06 -2.06	32.94 -0.35 0.00	32.16 -0.23 0.00	60.58 -0.80 -0.01	61.56 -0.99 -1.70	36.12 -0.64 -0.63	37.78 -0.68 -0.04	37.55 -0.44 0.00	34.12 -0.16 0.00	36.21 -0.01 0.00	34.95 -0.27 0.00
GOODYEAR_LAKE_HYD 323669	31.95 0.94 0.19	35.05 0.87 0.00	30.79 0.75 0.00	23.65 0.57 0.00	23.98 0.63 0.00	28.42 0.81 0.00	39.95 1.31 0.00	37.67 1.36 0.00	34.68 1.24 -0.08	22.42 0.64 -4.27	31.61 1.08 -0.11	18.89 0.29 -10.18	16.69 0.16 -11.87	13.09 0.21 -7.27	34.52 1.22 -0.01	33.66 1.27 0.00	63.92 2.51 -0.03	69.41 2.56 -6.00	39.80 1.43 -2.24	40.03 1.48 -0.13	39.47 1.48 0.00	35.52 1.24 0.00	37.35 1.12 0.00	36.11 0.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.32 0.12 0.00	34.22 0.04 0.00	30.01 -0.04 0.00	23.04 -0.05 0.00	23.40 0.05 0.00	27.71 0.09 0.00	38.92 0.28 0.00	36.56 0.26 0.00	33.54 0.12 -0.05	20.36 0.00 -2.86	30.53 0.04 -0.07	15.18 0.00 -6.77	12.57 0.01 -7.91	10.46 0.02 -4.83	33.45 0.15 0.00	32.66 0.27 0.00	61.98 0.59 -0.02	65.17 0.33 -3.99	37.73 0.12 -1.49	38.57 0.06 -0.09	38.20 0.21 0.00	34.55 0.27 0.00	36.38 0.15 0.00	35.18 -0.04 0.00
GOUDEY____7 23579	31.34 0.14 0.00	34.25 0.07 0.00	30.04 -0.01 0.00	23.06 -0.03 0.00	23.42 0.07 0.00	27.73 0.12 0.00	38.96 0.32 0.00	36.60 0.29 0.00	33.57 0.16 -0.05	20.38 0.02 -2.86	30.57 0.07 -0.07	15.19 0.01 -6.77	12.57 0.01 -7.91	10.46 0.02 -4.83	33.48 0.18 0.00	32.69 0.31 0.00	62.05 0.66 -0.02	65.23 0.39 -3.99	37.77 0.16 -1.49	38.61 0.10 -0.09	38.24 0.25 0.00	34.58 0.30 0.00	36.42 0.19 0.00	35.22 -0.01 0.00
GOUDEY____8 23580	31.32 0.12 0.00	34.22 0.04 0.00	30.01 -0.04 0.00	23.04 -0.05 0.00	23.40 0.05 0.00	27.71 0.09 0.00	38.92 0.28 0.00	36.56 0.26 0.00	33.54 0.12 -0.05	20.36 0.00 -2.86	30.53 0.04 -0.07	15.18 0.00 -6.77	12.57 0.01 -7.91	10.46 0.02 -4.83	33.45 0.15 0.00	32.66 0.27 0.00	61.98 0.59 -0.02	65.17 0.33 -3.99	37.73 0.12 -1.49	38.57 0.06 -0.09	38.20 0.21 0.00	34.55 0.27 0.00	36.38 0.15 0.00	35.18 -0.04 0.00

GOWANUS_GT1_1 24077	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_2 24078	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_3 24079	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_4 24080	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_5 24084	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_6 24111	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_7 24112	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT1_8 24113	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT2_1 24114	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_2 24115	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_3 24116	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_4 24117	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_5 24118	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_6 24119	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT2_7 24120	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00

GOWANUS_GT2_8 24121	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_1 24122	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_2 24123	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_3 24124	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_4 24125	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_5 24126	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_6 24127	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_7 24128	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT3_8 24129	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.68 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
GOWANUS_GT4_1 24130	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_2 24131	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_3 24132	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_4 24133	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_5 24134	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_6 24135	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00

GOWANUS_GT4_7 24136	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GOWANUS_GT4_8 24137	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.18 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GREENBSH_115KV_TB3 55895	32.34 0.71 -0.42	34.77 0.59 0.00	30.52 0.48 0.00	23.52 0.44 0.00	23.82 0.46 0.00	28.27 0.65 0.00	39.52 0.88 0.00	37.09 0.78 0.00	34.64 0.86 -0.42	40.59 0.47 -22.62	31.83 0.82 -0.59	50.18 0.23 -41.54	53.22 0.11 -48.45	44.42 0.13 -38.68	34.11 0.78 -0.04	33.15 0.76 0.00	63.09 1.54 -0.17	94.52 1.74 -31.92	48.98 0.95 -11.90	40.17 1.07 -0.68	38.93 0.94 0.00	35.06 0.78 0.00	36.86 0.63 0.00	35.77 0.54 0.00
GREENDGE_115KV_TB5 80291	31.26 0.07 0.00	34.13 -0.05 0.00	30.01 -0.04 0.00	23.06 -0.03 0.00	23.42 0.06 0.00	27.76 0.15 0.00	38.76 0.12 0.00	36.45 0.14 0.00	33.33 -0.07 -0.03	19.22 -0.03 -1.75	30.51 0.04 -0.05	12.70 -0.04 -4.33	9.62 -0.02 -4.99	8.67 -0.03 -3.09	33.15 -0.14 0.00	32.36 -0.03 0.00	60.95 -0.44 -0.01	62.91 -0.49 -2.55	36.84 -0.24 -0.95	38.19 -0.28 -0.05	37.88 -0.11 0.00	34.37 0.09 0.00	36.17 -0.05 0.00	34.96 -0.26 0.00
GREENIDGE___3 23582	31.26 0.07 0.00	34.13 -0.05 0.00	30.01 -0.04 0.00	23.06 -0.03 0.00	23.42 0.06 0.00	27.76 0.15 0.00	38.76 0.12 0.00	36.45 0.14 0.00	33.33 -0.07 -0.03	19.22 -0.03 -1.75	30.51 0.04 -0.05	12.70 -0.04 -4.33	9.62 -0.02 -4.99	8.67 -0.03 -3.09	33.15 -0.14 0.00	32.36 -0.03 0.00	60.95 -0.44 -0.01	62.91 -0.49 -2.55	36.84 -0.24 -0.95	38.19 -0.28 -0.05	37.88 -0.11 0.00	34.37 0.09 0.00	36.17 -0.05 0.00	34.96 -0.26 0.00
GREENIDGE___4 23583	31.26 0.06 0.00	34.12 -0.06 0.00	30.02 -0.03 0.00	23.06 -0.03 0.00	23.40 0.04 0.00	27.75 0.13 0.00	38.76 0.12 0.00	36.45 0.14 0.00	33.33 -0.06 -0.03	19.23 -0.03 -1.75	30.50 0.03 -0.05	12.70 -0.04 -4.33	9.62 -0.02 -4.99	8.67 -0.03 -3.09	33.15 -0.15 0.00	32.36 -0.03 0.00	60.95 -0.44 -0.01	62.91 -0.49 -2.55	36.84 -0.24 -0.95	38.20 -0.28 -0.05	37.88 -0.11 0.00	34.38 0.10 0.00	36.17 -0.05 0.00	34.98 -0.24 0.00
GREENLWN_69_KV_BK 3 55738	34.72 2.20 -1.32	36.17 1.99 0.00	31.64 1.60 0.00	24.38 1.29 0.00	24.75 1.40 0.00	29.39 1.77 0.00	40.61 1.97 0.00	38.37 2.06 0.00	36.13 2.44 -0.33	36.23 1.30 -17.42	33.34 2.46 -0.45	50.71 0.55 -41.74	53.57 0.32 -48.59	37.25 0.47 -31.17	48.92 2.76 -12.87	46.87 2.92 -11.55	33.19 5.23 33.42	90.92 5.47 -24.59	47.15 3.02 -8.00	38.28 3.17 3.32	72.63 3.18 -31.46	44.77 2.80 -7.68	38.64 2.41 0.00	37.40 2.18 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00
GRISSOM___SOLAR 323813	34.54 2.94 -0.41	37.44 3.26 0.00	32.82 2.77 0.00	25.16 2.07 0.00	25.60 2.25 0.00	30.24 2.62 0.00	42.60 3.96 0.00	40.19 3.88 0.00	37.26 3.47 -0.43	42.22 1.66 -23.05	33.79 2.77 -0.60	63.94 0.69 -54.83	68.73 0.23 -63.85	45.37 0.34 -39.43	34.95 1.62 -0.04	33.56 1.17 0.00	62.84 1.30 -0.18	98.08 4.69 -32.54	51.20 2.93 -12.13	42.65 3.53 -0.69	41.39 3.40 0.00	37.43 3.14 0.00	39.67 3.44 0.00	38.59 3.37 0.00
GROVEVILLE___HYD 323602	33.18 1.73 -0.26	35.73 1.55 0.00	31.36 1.32 0.00	24.15 1.06 0.00	24.49 1.13 0.00	29.04 1.43 0.00	40.76 2.12 0.00	38.53 2.22 0.00	35.87 2.18 -0.33	36.21 1.18 -17.53	32.89 2.01 -0.46	50.92 0.53 -41.98	53.82 0.30 -48.87	35.98 0.40 -29.97	35.65 2.33 -0.03	34.79 2.41 0.00	66.23 4.73 -0.13	90.64 5.06 -24.73	48.18 2.83 -9.22	41.83 2.88 -0.53	40.81 2.82 0.00	36.66 2.37 0.00	38.36 2.14 0.00	37.03 1.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	31.21 0.01 0.00	34.12 -0.06 0.00	29.99 -0.06 0.00	23.00 -0.08 0.00	23.25 -0.11 0.00	27.56 -0.05 0.00	38.67 0.03 0.00	36.37 0.06 0.00	33.32 -0.06 -0.02	18.53 -0.05 -1.08	30.39 -0.06 -0.03	11.02 -0.02 -2.62	7.69 -0.01 -3.05	7.47 -0.01 -1.87	33.22 -0.08 0.00	32.36 -0.02 0.00	61.35 -0.03 -0.01	62.39 -0.01 -1.55	36.70 -0.01 -0.58	38.42 -0.04 -0.03	38.01 0.02 0.00	34.32 0.04 0.00	36.26 0.04 0.00	35.10 -0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	31.29 0.09 0.00	34.38 0.20 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.47 0.11 0.00	27.80 0.18 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.60 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.83 0.00	31.55 -0.83 0.00	59.94 -1.44 0.00	59.97 -0.88 0.00	35.96 -0.17 0.00	38.56 0.14 0.00	37.94 -0.05 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.31 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	31.44 0.25 0.00	34.24 0.06 0.00	30.01 -0.03 0.00	23.17 0.08 0.00	23.55 0.20 0.00	27.92 0.31 0.00	39.04 0.40 0.00	36.75 0.44 0.00	33.83 0.47 0.00	17.79 0.29 0.00	31.00 0.57 0.00	8.58 0.16 0.00	4.70 0.05 0.00	5.64 0.03 0.00	33.44 0.15 0.00	32.38 -0.01 0.00	61.28 -0.09 0.00	61.48 0.64 0.00	36.47 0.34 0.00	38.72 0.30 0.00	37.98 -0.02 0.00	34.42 0.13 0.00	36.13 -0.10 0.00	34.95 -0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.46 1.40 1.14	35.35 1.18 0.00	31.06 1.02 0.00	23.91 0.82 0.00	24.28 0.92 0.00	28.76 1.15 0.00	40.35 1.71 0.00	38.17 1.86 0.00	35.49 1.84 -0.29	34.17 1.01 -15.66	32.54 1.70 -0.41	46.38 0.46 -37.51	48.58 0.26 -43.66	32.74 0.35 -26.78	35.40 2.08 -0.03	34.57 2.18 0.00	65.86 4.36 -0.12	87.59 4.64 -22.10	46.91 2.54 -8.24	41.42 2.52 -0.47	40.45 2.46 0.00	36.32 2.04 0.00	37.99 1.76 0.00	36.69 1.47 0.00

HARSNRAD_115KV_TB1 81005	30.64 -0.55 0.00	33.66 -0.52 0.00	29.60 -0.45 0.00	22.57 -0.51 0.00	22.78 -0.57 0.00	26.91 -0.70 0.00	37.40 -1.24 0.00	35.01 -1.29 0.00	31.81 -1.58 -0.03	17.91 -0.94 -1.34	29.17 -1.29 -0.04	11.37 -0.40 -3.35	8.33 -0.18 -3.85	7.77 -0.23 -2.39	32.07 -1.23 0.00	31.27 -1.12 0.00	58.54 -2.84 -0.01	59.50 -3.33 -1.98	34.71 -2.16 -0.74	36.13 -2.34 -0.04	36.03 -1.96 0.00	32.94 -1.34 0.00	35.15 -1.08 0.00	34.04 -1.18 0.00
HARZA MOOSE__RIVER 24016	31.87 0.67 0.00	34.80 0.62 0.00	30.49 0.45 0.00	23.37 0.28 0.00	23.83 0.48 0.00	28.26 0.64 0.00	39.71 1.07 0.00	37.38 1.07 0.00	34.31 0.95 -0.01	18.31 0.44 -0.37	31.04 0.61 -0.01	9.41 0.11 -0.89	5.68 0.00 -1.03	6.21 -0.03 -0.63	33.02 -0.27 0.00	32.18 -0.20 0.00	61.11 -0.27 0.00	61.92 0.54 -0.52	36.96 0.64 -0.19	39.41 0.98 -0.01	38.76 0.76 0.00	34.80 0.52 0.00	36.84 0.61 0.00	35.83 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.91 -0.29 0.00	33.81 -0.37 0.00	29.68 -0.37 0.00	22.77 -0.32 0.00	23.07 -0.29 0.00	27.32 -0.30 0.00	38.32 -0.32 0.00	36.05 -0.27 0.00	33.05 -0.32 -0.02	18.26 -0.19 -0.95	30.15 -0.30 -0.03	10.62 -0.09 -2.29	7.28 -0.04 -2.67	7.19 -0.05 -1.64	32.94 -0.35 0.00	32.10 -0.29 0.00	60.79 -0.59 -0.01	61.63 -0.57 -1.35	36.26 -0.37 -0.51	38.07 -0.39 -0.03	37.66 -0.33 0.00	34.02 -0.27 0.00	35.97 -0.26 0.00	34.84 -0.39 0.00
HELLGATE_13_KV_LD 55870	34.30 1.78 -1.33	35.71 1.54 0.00	31.36 1.31 0.00	24.13 1.04 0.00	24.47 1.12 0.00	29.06 1.44 0.00	40.68 2.05 0.00	38.52 2.21 0.00	35.89 2.21 -0.33	36.13 1.21 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.72 2.39 -0.03	34.94 2.55 0.00	66.27 4.77 -0.13	90.41 4.98 -24.58	48.04 2.74 -9.17	41.72 2.76 -0.53	40.78 2.79 0.00	36.69 2.40 0.00	38.31 2.08 0.00	37.02 1.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.30 1.78 -1.33	35.71 1.54 0.00	31.36 1.31 0.00	24.13 1.04 0.00	24.47 1.12 0.00	29.06 1.44 0.00	40.68 2.05 0.00	38.52 2.21 0.00	35.89 2.21 -0.33	36.13 1.21 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.72 2.39 -0.03	34.94 2.55 0.00	66.27 4.77 -0.13	90.41 4.98 -24.58	48.04 2.74 -9.17	41.72 2.76 -0.53	40.78 2.79 0.00	36.69 2.40 0.00	38.31 2.08 0.00	37.02 1.80 0.00
HEMPSTEAD____ 23647	34.57 2.05 -1.32	36.04 1.86 0.00	31.57 1.53 0.00	24.31 1.23 0.00	24.71 1.35 0.00	29.35 1.74 0.00	40.81 2.18 0.00	38.64 2.34 0.00	36.16 2.48 -0.33	36.27 1.34 -17.42	33.29 2.42 -0.45	50.74 0.58 -41.74	53.59 0.34 -48.60	37.26 0.47 -31.17	48.94 2.77 -12.87	87.93 2.81 -52.73	70.00 5.25 -3.38	91.08 5.63 -24.60	49.19 3.08 -9.98	42.11 3.16 -0.53	72.68 3.23 -31.46	44.87 2.83 -7.76	38.79 2.56 0.00	37.41 2.19 0.00
HEWLETT__69_KV_BK3 55828	34.94 2.42 -1.32	36.43 2.25 0.00	31.90 1.86 0.00	24.55 1.47 0.00	24.95 1.59 0.00	29.62 2.01 0.00	41.19 2.55 0.00	39.01 2.70 0.00	36.53 2.85 -0.33	36.46 1.53 -17.42	33.61 2.73 -0.45	50.81 0.65 -41.74	53.62 0.37 -48.59	37.31 0.53 -31.17	49.27 3.11 -12.87	88.28 3.16 -52.73	70.71 5.96 -3.38	91.87 6.42 -24.59	49.63 3.52 -9.98	42.52 3.56 -0.53	73.06 3.62 -31.46	45.24 3.19 -7.76	39.18 2.95 0.00	37.78 2.56 0.00
HICKLING__1 23621	31.41 0.21 0.00	34.33 0.15 0.00	30.11 0.06 0.00	23.07 -0.02 0.00	23.46 0.10 0.00	27.85 0.24 0.00	39.19 0.55 0.00	36.76 0.45 0.00	33.61 0.21 -0.04	19.64 -0.01 -2.15	30.53 0.05 -0.06	13.80 -0.02 -5.41	10.83 -0.02 -6.20	9.47 0.00 -3.86	33.39 0.09 0.00	32.66 0.27 0.00	61.87 0.48 -0.02	64.07 0.03 -3.19	37.26 -0.05 -1.19	38.35 -0.14 -0.07	38.11 0.12 0.00	34.63 0.35 0.00	36.48 0.25 0.00	35.24 0.01 0.00
HICKLING__2 23622	31.41 0.21 0.00	34.33 0.15 0.00	30.11 0.06 0.00	23.07 -0.02 0.00	23.46 0.10 0.00	27.85 0.24 0.00	39.19 0.55 0.00	36.76 0.45 0.00	33.61 0.21 -0.04	19.64 -0.01 -2.15	30.53 0.05 -0.06	13.80 -0.02 -5.41	10.83 -0.02 -6.20	9.47 0.00 -3.86	33.39 0.09 0.00	32.66 0.27 0.00	61.87 0.48 -0.02	64.07 0.03 -3.19	37.26 -0.05 -1.19	38.35 -0.14 -0.07	38.11 0.12 0.00	34.63 0.35 0.00	36.48 0.25 0.00	35.24 0.01 0.00
HIGH FALLS__HY 23754	32.61 1.41 0.00	35.36 1.18 0.00	31.08 1.03 0.00	23.91 0.83 0.00	24.29 0.93 0.00	28.74 1.13 0.00	40.37 1.73 0.00	38.24 1.93 0.00	35.54 1.86 -0.32	35.56 1.02 -17.04	32.55 1.68 -0.45	48.21 0.41 -39.38	50.72 0.21 -45.86	35.03 0.29 -29.14	35.06 1.74 -0.03	34.17 1.79 0.00	65.14 3.64 -0.13	88.99 4.09 -24.05	47.38 2.29 -8.97	41.30 2.36 -0.52	40.54 2.55 0.00	36.40 2.12 0.00	38.09 1.86 0.00	36.74 1.52 0.00
HILLBURN__GT 23639	31.14 1.30 1.35	35.21 1.03 0.00	30.92 0.87 0.00	23.81 0.73 0.00	24.19 0.84 0.00	28.66 1.05 0.00	40.20 1.56 0.00	38.03 1.72 0.00	35.36 1.71 -0.30	34.49 0.95 -16.04	32.44 1.60 -0.42	47.25 0.42 -38.41	49.62 0.24 -44.72	33.37 0.34 -27.43	35.29 1.97 -0.03	34.49 2.11 0.00	65.65 4.16 -0.12	87.92 4.44 -22.63	46.94 2.37 -8.44	41.23 2.32 -0.49	40.27 2.28 0.00	36.17 1.89 0.00	37.81 1.59 0.00	36.55 1.33 0.00
HILLSIDE_115KV_TB1 80332	30.90 -0.30 0.00	33.77 -0.41 0.00	29.60 -0.45 0.00	22.72 -0.37 0.00	23.14 -0.21 0.00	27.42 -0.20 0.00	38.55 -0.09 0.00	36.14 -0.17 0.00	33.07 -0.33 -0.04	19.58 -0.28 -2.35	30.07 -0.42 -0.06	13.87 -0.13 -5.59	11.10 -0.07 -6.52	9.53 -0.07 -3.99	32.99 -0.30 0.00	32.27 -0.11 0.00	61.23 -0.16 -0.02	63.48 -0.67 -3.29	36.84 -0.52 -1.23	37.82 -0.68 -0.07	37.60 -0.39 0.00	34.12 -0.16 0.00	35.89 -0.33 0.00	34.69 -0.53 0.00
HISHELDN_WT_PWR 323625	30.82 -0.38 0.00	33.82 -0.36 0.00	29.76 -0.29 0.00	22.72 -0.36 0.00	22.97 -0.38 0.00	27.20 -0.42 0.00	37.98 -0.65 0.00	35.58 -0.73 0.00	32.38 -1.01 -0.03	18.34 -0.67 -1.50	29.53 -0.94 -0.04	12.00 -0.32 -3.91	8.93 -0.16 -4.43	8.20 -0.19 -2.79	32.25 -1.05 0.00	31.48 -0.90 0.00	59.17 -2.21 -0.01	60.42 -2.73 -2.30	35.32 -1.67 -0.86	36.68 -1.79 -0.05	36.55 -1.44 0.00	33.44 -0.84 0.00	35.52 -0.71 0.00	34.37 -0.85 0.00
HOLTSVILLE_IC_1 23690	35.06 2.54 -1.32	36.59 2.41 0.00	32.05 2.00 0.00	24.65 1.57 0.00	25.07 1.71 0.00	29.80 2.19 0.00	41.15 2.51 0.00	38.91 2.61 0.00	36.60 2.91 -0.33	36.52 1.60 -17.42	33.90 3.02 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.45 3.28 -12.87	321.86 3.32 -286.15	264.24 5.89 -196.98	91.81 6.36 -24.60	58.39 3.52 -18.74	59.69 3.74 -17.52	73.34 3.89 -31.46	45.78 3.39 -8.10	39.39 3.16 -0.01	37.93 2.70 0.00
HOLTSVILLE_IC_10 23699	35.33 2.82 -1.32	36.88 2.71 0.00	32.30 2.25 0.00	24.83 1.74 0.00	25.23 1.88 0.00	30.04 2.42 0.00	41.49 2.85 0.00	39.25 2.95 0.00	36.92 3.24 -0.33	36.70 1.77 -17.42	34.22 3.34 -0.45	50.94 0.79 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.84 3.67 -12.87	331.62 3.72 -295.51	274.72 6.64 -206.70	92.52 7.07 -24.60	59.47 3.93 -19.41	61.43 4.17 -18.83	73.77 4.32 -31.46	46.19 3.77 -8.13	39.78 3.54 -0.01	38.24 3.01 0.00

HOLTSVILLE_IC_2 23691	35.06 2.54 -1.32	36.59 2.41 0.00	32.05 2.00 0.00	24.65 1.57 0.00	25.07 1.71 0.00	29.80 2.19 0.00	41.15 2.51 0.00	38.91 2.61 0.00	36.60 2.91 -0.33	36.52 1.60 -17.42	33.90 3.02 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.45 3.28 -12.87	321.86 3.32 -286.15	264.24 5.89 -196.98	91.81 6.36 -24.60	58.39 3.52 -18.74	59.69 3.74 -17.52	73.34 3.89 -31.46	45.78 3.39 -8.10	39.39 3.16 -0.01	37.93 2.70 0.00
HOLTSVILLE_IC_3 23692	35.06 2.54 -1.32	36.59 2.41 0.00	32.05 2.00 0.00	24.65 1.57 0.00	25.07 1.71 0.00	29.80 2.19 0.00	41.15 2.51 0.00	38.91 2.61 0.00	36.60 2.91 -0.33	36.52 1.60 -17.42	33.90 3.02 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.45 3.28 -12.87	321.86 3.32 -286.15	264.24 5.89 -196.98	91.81 6.36 -24.60	58.39 3.52 -18.74	59.69 3.74 -17.52	73.34 3.89 -31.46	45.78 3.39 -8.10	39.39 3.16 -0.01	37.93 2.70 0.00
HOLTSVILLE_IC_4 23693	35.06 2.54 -1.32	36.59 2.41 0.00	32.05 2.00 0.00	24.65 1.57 0.00	25.07 1.71 0.00	29.80 2.19 0.00	41.15 2.51 0.00	38.91 2.61 0.00	36.60 2.91 -0.33	36.52 1.60 -17.42	33.90 3.02 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.45 3.28 -12.87	321.86 3.32 -286.15	264.24 5.89 -196.98	91.81 6.36 -24.60	58.39 3.52 -18.74	59.69 3.74 -17.52	73.34 3.89 -31.46	45.78 3.39 -8.10	39.39 3.16 -0.01	37.93 2.70 0.00
HOLTSVILLE_IC_5 23694	35.06 2.54 -1.32	36.59 2.41 0.00	32.05 2.00 0.00	24.65 1.57 0.00	25.07 1.71 0.00	29.80 2.19 0.00	41.15 2.51 0.00	38.91 2.61 0.00	36.60 2.91 -0.33	36.52 1.60 -17.42	33.90 3.02 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.45 3.28 -12.87	321.86 3.32 -286.15	264.24 5.89 -196.98	91.81 6.36 -24.60	58.39 3.52 -18.74	59.69 3.74 -17.52	73.34 3.89 -31.46	45.78 3.39 -8.10	39.39 3.16 -0.01	37.93 2.70 0.00
HOLTSVILLE_IC_6 23695	35.33 2.82 -1.32	36.88 2.71 0.00	32.30 2.25 0.00	24.83 1.74 0.00	25.23 1.88 0.00	30.04 2.42 0.00	41.49 2.85 0.00	39.25 2.95 0.00	36.92 3.24 -0.33	36.70 1.77 -17.42	34.22 3.34 -0.45	50.94 0.79 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.84 3.67 -12.87	331.62 3.72 -295.51	274.72 6.64 -206.70	92.52 7.07 -24.60	59.47 3.93 -19.41	61.43 4.17 -18.83	73.77 4.32 -31.46	46.19 3.77 -8.13	39.78 3.54 -0.01	38.24 3.01 0.00
HOLTSVILLE_IC_7 23696	35.33 2.82 -1.32	36.88 2.71 0.00	32.30 2.25 0.00	24.83 1.74 0.00	25.23 1.88 0.00	30.04 2.42 0.00	41.49 2.85 0.00	39.25 2.95 0.00	36.92 3.24 -0.33	36.70 1.77 -17.42	34.22 3.34 -0.45	50.94 0.79 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.84 3.67 -12.87	331.62 3.72 -295.51	274.72 6.64 -206.70	92.52 7.07 -24.60	59.47 3.93 -19.41	61.43 4.17 -18.83	73.77 4.32 -31.46	46.19 3.77 -8.13	39.78 3.54 -0.01	38.24 3.01 0.00
HOLTSVILLE_IC_8 23697	35.33 2.82 -1.32	36.88 2.71 0.00	32.30 2.25 0.00	24.83 1.74 0.00	25.23 1.88 0.00	30.04 2.42 0.00	41.49 2.85 0.00	39.25 2.95 0.00	36.92 3.24 -0.33	36.70 1.77 -17.42	34.22 3.34 -0.45	50.94 0.79 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.84 3.67 -12.87	331.62 3.72 -295.51	274.72 6.64 -206.70	92.52 7.07 -24.60	59.47 3.93 -19.41	61.43 4.17 -18.83	73.77 4.32 -31.46	46.19 3.77 -8.13	39.78 3.54 -0.01	38.24 3.01 0.00
HOLTSVILLE_IC_9 23698	35.33 2.82 -1.32	36.88 2.71 0.00	32.30 2.25 0.00	24.83 1.74 0.00	25.23 1.88 0.00	30.04 2.42 0.00	41.49 2.85 0.00	39.25 2.95 0.00	36.92 3.24 -0.33	36.70 1.77 -17.42	34.22 3.34 -0.45	50.94 0.79 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.84 3.67 -12.87	331.62 3.72 -295.51	274.72 6.64 -206.70	92.52 7.07 -24.60	59.47 3.93 -19.41	61.43 4.17 -18.83	73.77 4.32 -31.46	46.19 3.77 -8.13	39.78 3.54 -0.01	38.24 3.01 0.00
HOMER_HL_115KV_TB2 355744	31.06 -0.14 0.00	33.96 -0.21 0.00	29.83 -0.22 0.00	22.77 -0.31 0.00	23.16 -0.20 0.00	27.54 -0.08 0.00	38.62 -0.02 0.00	36.25 -0.06 0.00	32.97 -0.42 -0.03	18.76 -0.36 -1.61	30.18 -0.29 -0.04	12.21 -0.20 -4.00	9.17 -0.10 -4.61	8.36 -0.10 -2.86	32.87 -0.43 0.00	32.20 -0.19 0.00	60.66 -0.72 -0.01	61.53 -1.68 -2.36	35.81 -1.20 -0.88	37.20 -1.28 -0.05	37.10 -0.89 0.00	33.95 -0.34 0.00	36.07 -0.16 0.00	34.76 -0.46 0.00
HOWARD_WT_PWR 323690	31.32 0.12 0.00	34.27 0.09 0.00	30.16 0.11 0.00	23.05 -0.03 0.00	23.42 0.07 0.00	27.83 0.21 0.00	39.04 0.40 0.00	36.64 0.33 0.00	33.42 0.03 -0.03	19.15 -0.14 -1.78	30.26 -0.21 -0.05	12.79 -0.16 -4.54	9.71 -0.12 -5.18	8.73 -0.12 -3.24	32.77 -0.53 0.00	32.04 -0.34 0.00	60.52 -0.87 -0.02	62.23 -1.29 -2.67	36.38 -0.75 -1.00	37.63 -0.85 -0.06	37.43 -0.56 0.00	34.36 0.08 0.00	36.47 0.24 0.00	35.24 0.02 0.00
HQ_GEN_CEDARS 23644	30.99 -0.20 0.00	34.24 0.06 0.00	30.15 0.10 0.00	23.15 0.07 0.00	23.40 0.05 0.00	27.54 -0.07 0.00	38.42 -0.22 0.00	36.02 -0.29 0.00	33.06 -0.30 0.00	17.22 -0.28 0.00	30.15 -0.28 0.00	8.35 -0.06 0.00	4.62 -0.04 0.00	5.56 -0.05 0.00	33.01 -0.29 0.00	32.04 -0.35 0.00	60.72 -0.66 0.00	60.00 -0.84 0.00	35.71 -0.42 0.00	38.01 -0.41 0.00	37.60 -0.39 0.00	33.90 -0.38 0.00	35.95 -0.28 0.00	35.15 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	30.99 -0.20 0.00	34.24 0.06 0.00	30.15 0.11 0.00	23.16 0.07 0.00	23.40 0.04 0.00	27.54 -0.07 0.00	38.42 -0.22 0.00	36.02 -0.29 0.00	33.06 -0.30 0.00	17.22 -0.28 0.00	30.15 -0.28 0.00	8.35 -0.06 0.00	4.68 -0.04 -0.06	5.56 -0.05 0.00	33.61 -0.29 -0.61	32.04 -0.34 0.00	60.72 -0.65 0.00	60.01 -0.84 0.00	35.71 -0.41 0.00	38.01 -0.41 0.00	37.60 -0.39 0.00	33.90 -0.39 0.00	35.95 -0.28 0.00	35.16 -0.07 0.00
HQ_GEN_IMPORT 323601	30.96 -0.24 0.00	34.12 -0.06 0.00	30.04 -0.01 0.00	23.07 -0.02 0.00	23.30 -0.06 0.00	27.46 -0.15 0.00	38.33 -0.31 0.00	36.80 -0.37 -0.86	33.00 -0.36 0.00	17.32 -0.19 0.00	30.12 -0.31 0.00	8.34 -0.07 0.00	4.62 -0.04 0.00	5.56 -0.05 0.00	33.04 -0.26 0.00	32.08 -0.31 0.00	60.77 -0.60 0.00	60.08 -0.77 0.00	35.72 -0.41 0.00	37.99 -0.43 0.00	37.64 -0.42 -0.07	33.91 -0.37 0.00	35.95 -0.27 0.00	35.11 -0.11 0.00
HQ_GEN_WHEEL 23651	30.96 -0.24 0.00	34.12 -0.06 0.00	30.04 -0.01 0.00	23.07 -0.02 0.00	23.30 -0.06 0.00	27.46 -0.15 0.00	38.33 -0.31 0.00	36.80 -0.37 -0.86	33.00 -0.36 0.00	17.32 -0.19 0.00	30.12 -0.31 0.00	8.34 -0.07 0.00	4.62 -0.04 0.00	5.56 -0.05 0.00	33.04 -0.26 0.00	32.08 -0.31 0.00	60.77 -0.60 0.00	60.08 -0.77 0.00	35.72 -0.41 0.00	37.99 -0.43 0.00	37.64 -0.42 -0.07	33.91 -0.37 0.00	35.95 -0.27 0.00	35.11 -0.11 0.00
HUDSON_AVE_GT_3 23810	34.40 1.88 -1.33	35.82 1.64 0.00	31.42 1.37 0.00	24.17 1.09 0.00	24.52 1.17 0.00	29.10 1.49 0.00	40.78 2.15 0.00	38.59 2.28 0.00	35.95 2.26 -0.33	36.16 1.24 -17.42	32.99 2.11 -0.45	50.69 0.55 -41.72	53.54 0.31 -48.57	35.82 0.42 -29.79	35.78 2.46 -0.03	34.97 2.59 0.00	66.46 4.96 -0.13	90.58 5.15 -24.58	48.13 2.84 -9.17	41.81 2.85 -0.53	40.85 2.86 0.00	36.73 2.45 0.00	38.39 2.16 0.00	37.07 1.85 0.00

HUDSON AVE_GT_4 23540	34.40 1.88 -1.33	35.82 1.64 0.00	31.42 1.37 0.00	24.17 1.09 0.00	24.52 1.17 0.00	29.10 1.49 0.00	40.78 2.15 0.00	38.59 2.28 0.00	35.95 2.26 -0.33	36.16 1.24 -17.42	32.99 2.11 -0.45	50.69 0.55 -41.72	53.54 0.31 -48.57	35.82 0.42 -29.79	35.78 2.46 -0.03	34.97 2.59 0.00	66.46 4.96 -0.13	90.58 5.15 -24.58	48.13 2.84 -9.17	41.81 2.85 -0.53	40.85 2.86 0.00	36.73 2.45 0.00	38.39 2.16 0.00	37.07 1.85 0.00
HUDSON AVE_GT_5 23657	34.40 1.88 -1.33	35.82 1.64 0.00	31.42 1.37 0.00	24.17 1.09 0.00	24.52 1.17 0.00	29.10 1.49 0.00	40.78 2.15 0.00	38.59 2.28 0.00	35.95 2.26 -0.33	36.16 1.24 -17.42	32.99 2.11 -0.45	50.69 0.55 -41.72	53.54 0.31 -48.57	35.82 0.42 -29.79	35.78 2.46 -0.03	34.97 2.59 0.00	66.46 4.96 -0.13	90.58 5.15 -24.58	48.13 2.84 -9.17	41.81 2.85 -0.53	40.85 2.86 0.00	36.73 2.45 0.00	38.39 2.16 0.00	37.07 1.85 0.00
HUDSON_AVE_10 24168	34.25 1.72 -1.33	35.65 1.47 0.00	31.29 1.24 0.00	24.06 0.98 0.00	24.42 1.06 0.00	28.97 1.36 0.00	40.61 1.97 0.00	38.43 2.12 0.00	35.77 2.09 -0.33	36.07 1.15 -17.42	32.80 1.92 -0.45	50.64 0.50 -41.72	53.51 0.28 -48.57	35.78 0.39 -29.79	35.56 2.24 -0.03	34.76 2.37 0.00	66.08 4.57 -0.13	90.20 4.76 -24.58	47.92 2.62 -9.17	41.58 2.63 -0.53	40.62 2.63 0.00	36.53 2.24 0.00	38.21 1.98 0.00	36.88 1.66 0.00
HUDSON___115KV_TB 4 355613	33.02 1.43 -0.39	35.54 1.36 0.00	31.18 1.13 0.00	24.02 0.93 0.00	24.32 0.96 0.00	28.88 1.26 0.00	40.45 1.81 0.00	37.99 1.68 0.00	35.48 1.71 -0.41	40.31 0.90 -21.91	32.58 1.59 -0.57	52.03 0.43 -43.18	55.22 0.22 -50.34	43.34 0.26 -37.48	34.80 1.47 -0.04	33.78 1.39 0.00	64.27 2.73 -0.17	94.81 3.03 -30.93	49.41 1.75 -11.53	41.12 2.04 -0.66	39.88 1.89 0.00	35.89 1.60 0.00	37.70 1.48 0.00	36.53 1.31 0.00
HUNTER MOUNT___DRP 323613	33.22 1.68 -0.34	35.84 1.65 0.00	31.40 1.36 0.00	24.19 1.10 0.00	24.48 1.12 0.00	29.10 1.49 0.00	40.77 2.14 0.00	38.29 1.98 0.00	35.75 1.99 -0.40	39.67 1.02 -21.15	32.83 1.86 -0.55	52.25 0.49 -43.34	55.42 0.26 -50.51	42.07 0.30 -36.16	35.01 1.68 -0.03	33.95 1.56 0.00	64.70 3.17 -0.16	94.08 3.38 -29.85	49.24 1.99 -11.13	41.42 2.36 -0.64	40.18 2.19 0.00	36.15 1.86 0.00	37.97 1.75 0.00	36.80 1.58 0.00
HUNTINGTON_RES_REC 323705	35.05 2.54 -1.32	36.54 2.36 0.00	31.97 1.92 0.00	24.60 1.51 0.00	24.99 1.64 0.00	29.72 2.11 0.00	41.02 2.38 0.00	38.80 2.49 0.00	36.52 2.84 -0.33	36.46 1.53 -17.42	33.78 2.90 -0.45	50.83 0.67 -41.74	53.64 0.39 -48.60	37.33 0.54 -31.17	49.41 3.25 -12.87	467.34 3.38 -431.57	500.53 6.03 -433.12	91.70 6.25 -24.60	72.32 3.49 -32.70	86.77 3.72 -44.62	73.24 3.72 -31.47	46.22 3.30 -8.64	39.21 2.96 -0.02	37.80 2.58 0.00
HUNTLEY___63 23557	30.90 -0.30 0.00	33.94 -0.24 0.00	29.84 -0.21 0.00	22.76 -0.32 0.00	22.98 -0.37 0.00	27.16 -0.46 0.00	37.75 -0.89 0.00	35.35 -0.96 0.00	32.13 -1.26 -0.03	18.13 -0.76 -1.38	29.50 -0.96 -0.04	11.54 -0.32 -3.45	8.48 -0.14 -3.96	7.90 -0.17 -2.46	32.43 -0.86 0.00	31.64 -0.74 0.00	59.25 -2.14 -0.01	60.21 -2.67 -2.03	35.16 -1.73 -0.76	36.59 -1.88 -0.04	36.48 -1.51 0.00	33.34 -0.95 0.00	35.54 -0.69 0.00	34.33 -0.89 0.00
HUNTLEY___64 23558	30.90 -0.30 0.00	33.94 -0.24 0.00	29.84 -0.21 0.00	22.76 -0.32 0.00	22.98 -0.37 0.00	27.16 -0.46 0.00	37.75 -0.89 0.00	35.35 -0.96 0.00	32.13 -1.26 -0.03	18.13 -0.76 -1.38	29.50 -0.96 -0.04	11.54 -0.32 -3.45	8.48 -0.14 -3.96	7.90 -0.17 -2.46	32.43 -0.86 0.00	31.64 -0.74 0.00	59.25 -2.14 -0.01	60.21 -2.67 -2.03	35.16 -1.73 -0.76	36.59 -1.88 -0.04	36.48 -1.51 0.00	33.34 -0.95 0.00	35.54 -0.69 0.00	34.33 -0.89 0.00
HUNTLEY___65 23559	30.90 -0.30 0.00	33.94 -0.24 0.00	29.84 -0.21 0.00	22.76 -0.32 0.00	22.98 -0.37 0.00	27.16 -0.46 0.00	37.75 -0.89 0.00	35.35 -0.96 0.00	32.13 -1.26 -0.03	18.13 -0.76 -1.38	29.50 -0.96 -0.04	11.54 -0.32 -3.45	8.48 -0.14 -3.96	7.90 -0.17 -2.46	32.43 -0.86 0.00	31.64 -0.74 0.00	59.25 -2.14 -0.01	60.21 -2.67 -2.03	35.16 -1.73 -0.76	36.59 -1.88 -0.04	36.48 -1.51 0.00	33.34 -0.95 0.00	35.54 -0.69 0.00	34.33 -0.89 0.00
HUNTLEY___66 23560	30.90 -0.30 0.00	33.94 -0.24 0.00	29.84 -0.21 0.00	22.76 -0.32 0.00	22.98 -0.37 0.00	27.16 -0.46 0.00	37.75 -0.89 0.00	35.35 -0.96 0.00	32.13 -1.26 -0.03	18.13 -0.76 -1.38	29.50 -0.96 -0.04	11.54 -0.32 -3.45	8.48 -0.14 -3.96	7.90 -0.17 -2.46	32.43 -0.86 0.00	31.64 -0.74 0.00	59.25 -2.14 -0.01	60.21 -2.67 -2.03	35.16 -1.73 -0.76	36.59 -1.88 -0.04	36.48 -1.51 0.00	33.34 -0.95 0.00	35.54 -0.69 0.00	34.33 -0.89 0.00
HUNTLEY___67 23561	30.61 -0.59 0.00	33.62 -0.56 0.00	29.56 -0.48 0.00	22.55 -0.53 0.00	22.77 -0.58 0.00	26.88 -0.73 0.00	37.41 -1.23 0.00	35.03 -1.28 0.00	31.83 -1.56 -0.03	17.98 -0.93 -1.40	29.20 -1.27 -0.04	11.54 -0.39 -3.51	8.51 -0.18 -4.03	7.89 -0.22 -2.51	32.11 -1.19 0.00	31.31 -1.08 0.00	58.69 -2.69 -0.01	59.65 -3.28 -2.07	34.81 -2.08 -0.77	36.23 -2.24 -0.04	36.13 -1.87 0.00	33.04 -1.25 0.00	35.21 -1.01 0.00	34.02 -1.20 0.00
HUNTLEY___68 23562	30.61 -0.59 0.00	33.62 -0.56 0.00	29.56 -0.48 0.00	22.55 -0.53 0.00	22.77 -0.58 0.00	26.88 -0.73 0.00	37.41 -1.23 0.00	35.03 -1.28 0.00	31.83 -1.56 -0.03	17.98 -0.93 -1.40	29.20 -1.27 -0.04	11.54 -0.39 -3.51	8.51 -0.18 -4.03	7.89 -0.22 -2.51	32.11 -1.19 0.00	31.31 -1.08 0.00	58.69 -2.69 -0.01	59.65 -3.28 -2.07	34.81 -2.08 -0.77	36.23 -2.24 -0.04	36.13 -1.87 0.00	33.04 -1.25 0.00	35.21 -1.01 0.00	34.02 -1.20 0.00
HYLAND___LFGE 323620	32.44 1.24 0.00	35.48 1.30 0.00	31.19 1.14 0.00	23.78 0.70 0.00	24.06 0.70 0.00	28.63 1.01 0.00	40.24 1.61 0.00	37.84 1.53 0.00	34.35 0.96 -0.03	18.94 -0.03 -1.47	30.55 0.09 -0.04	12.21 -0.04 -3.83	8.96 -0.04 -4.35	8.30 -0.05 -2.74	33.01 -0.29 0.00	32.25 -0.13 0.00	60.84 -0.55 -0.01	62.26 -0.85 -2.26	36.99 0.01 -0.84	39.26 0.79 -0.05	39.14 1.15 0.00	35.62 1.34 0.00	37.71 1.48 0.00	36.33 1.11 0.00
INDECK___CORINTH 23802	33.00 1.39 -0.41	35.50 1.32 0.00	31.18 1.14 0.00	24.03 0.95 0.00	24.35 0.99 0.00	29.01 1.39 0.00	40.68 2.04 0.00	38.10 1.79 0.00	35.49 1.70 -0.43	41.33 0.89 -22.94	32.63 1.61 -0.60	71.15 0.48 -62.26	77.35 0.23 -72.46	45.11 0.26 -39.24	34.64 1.31 -0.04	33.45 1.07 0.00	63.72 2.17 -0.18	95.90 2.68 -32.37	49.87 1.67 -12.07	40.77 1.65 -0.69	39.46 1.47 0.00	35.62 1.34 0.00	37.40 1.17 0.00	36.53 1.31 0.00
INDECK___ILION 23567	31.45 0.25 0.00	34.32 0.14 0.00	30.10 0.06 0.00	23.19 0.10 0.00	23.54 0.18 0.00	27.90 0.28 0.00	39.02 0.38 0.00	36.71 0.41 0.00	33.77 0.41 0.00	17.74 0.24 0.00	30.86 0.43 0.00	8.53 0.12 0.00	4.70 0.04 0.00	5.65 0.04 0.00	33.53 0.24 0.00	32.55 0.16 0.00	61.64 0.27 0.00	61.53 0.68 0.00	36.54 0.40 0.00	38.88 0.46 0.00	38.31 0.32 0.00	34.57 0.29 0.00	36.35 0.13 0.00	35.21 -0.01 0.00

INDECK___OLEAN 23982	31.05 -0.14 0.00	33.96 -0.21 0.00	29.83 -0.21 0.00	22.76 -0.32 0.00	23.12 -0.23 0.00	27.51 -0.10 0.00	38.61 -0.02 0.00	36.24 -0.06 0.00	32.97 -0.42 -0.03	18.76 -0.35 -1.61	30.18 -0.28 -0.04	12.21 -0.20 -4.00	9.17 -0.09 -4.61	8.36 -0.10 -2.86	32.86 -0.44 0.00	32.20 -0.19 0.00	60.67 -0.71 -0.01	61.53 -1.67 -2.36	35.81 -1.20 -0.88	37.19 -1.28 -0.05	37.10 -0.89 0.00	33.95 -0.33 0.00	36.07 -0.15 0.00	34.80 -0.43 0.00
INDECK___OSWEGO 23783	31.63 0.43 0.00	34.55 0.37 0.00	30.28 0.23 0.00	23.21 0.13 0.00	23.56 0.20 0.00	27.94 0.32 0.00	39.28 0.65 0.00	36.97 0.66 0.00	33.86 0.49 -0.02	18.58 0.20 -0.88	30.79 0.34 -0.02	10.59 0.07 -2.11	7.12 0.01 -2.45	7.12 0.01 -1.51	33.31 0.01 0.00	32.42 0.04 0.00	61.48 0.10 -0.01	62.50 0.40 -1.24	36.94 0.35 -0.46	38.95 0.50 -0.03	38.46 0.47 0.00	34.71 0.43 0.00	36.73 0.50 0.00	35.58 0.36 0.00
INDECK___YERKES 23781	30.93 -0.26 0.00	33.98 -0.20 0.00	29.89 -0.16 0.00	22.78 -0.30 0.00	22.97 -0.39 0.00	27.16 -0.45 0.00	37.80 -0.84 0.00	35.39 -0.91 0.00	32.17 -1.21 -0.03	18.16 -0.72 -1.38	29.53 -0.93 -0.04	11.57 -0.30 -3.45	8.49 -0.13 -3.96	7.90 -0.17 -2.46	32.47 -0.82 0.00	31.69 -0.69 0.00	59.33 -2.05 -0.01	60.32 -2.56 -2.03	35.21 -1.68 -0.76	36.64 -1.82 -0.04	36.53 -1.46 0.00	33.39 -0.90 0.00	35.59 -0.63 0.00	34.41 -0.81 0.00
INDIAN POINT_GT_1 24139	34.19 1.46 -1.53	35.41 1.23 0.00	31.09 1.05 0.00	23.93 0.84 0.00	24.27 0.92 0.00	28.80 1.18 0.00	40.38 1.74 0.00	38.18 1.87 0.00	35.55 1.86 -0.32	35.65 1.03 -17.11	32.60 1.73 -0.45	49.87 0.46 -41.00	52.64 0.26 -47.73	35.23 0.35 -29.27	35.39 2.07 -0.03	34.56 2.17 0.00	65.73 4.22 -0.13	89.52 4.51 -24.16	47.60 2.46 -9.01	41.41 2.47 -0.52	40.42 2.43 0.00	36.32 2.04 0.00	37.99 1.77 0.00	36.70 1.48 0.00
INDIAN POINT_GT_2 23659	34.19 1.46 -1.53	35.41 1.23 0.00	31.09 1.05 0.00	23.93 0.84 0.00	24.27 0.92 0.00	28.80 1.18 0.00	40.38 1.74 0.00	38.18 1.87 0.00	35.55 1.86 -0.32	35.65 1.03 -17.11	32.60 1.73 -0.45	49.87 0.46 -41.00	52.64 0.26 -47.73	35.23 0.35 -29.27	35.39 2.07 -0.03	34.56 2.17 0.00	65.73 4.22 -0.13	89.52 4.51 -24.16	47.60 2.46 -9.01	41.41 2.47 -0.52	40.42 2.43 0.00	36.32 2.04 0.00	37.99 1.77 0.00	36.70 1.48 0.00
INDIAN POINT_GT_3 24019	34.19 1.46 -1.53	35.41 1.23 0.00	31.09 1.05 0.00	23.93 0.84 0.00	24.27 0.92 0.00	28.80 1.18 0.00	40.38 1.74 0.00	38.18 1.87 0.00	35.55 1.86 -0.32	35.65 1.03 -17.11	32.60 1.73 -0.45	49.87 0.46 -41.00	52.64 0.26 -47.73	35.23 0.35 -29.27	35.39 2.07 -0.03	34.56 2.17 0.00	65.73 4.22 -0.13	89.52 4.51 -24.16	47.60 2.46 -9.01	41.41 2.47 -0.52	40.42 2.43 0.00	36.32 2.04 0.00	37.99 1.77 0.00	36.70 1.48 0.00
INDIAN POINT___2 23530	34.59 1.41 -1.99	35.35 1.17 0.00	31.04 0.99 0.00	23.89 0.80 0.00	24.25 0.89 0.00	28.77 1.15 0.00	40.32 1.68 0.00	38.12 1.81 0.00	35.48 1.81 -0.31	35.23 1.00 -16.73	32.54 1.68 -0.44	48.93 0.45 -40.07	51.56 0.25 -46.65	34.56 0.35 -28.61	35.34 2.02 -0.03	34.52 2.13 0.00	65.67 4.17 -0.13	88.91 4.45 -23.61	47.34 2.41 -8.80	41.33 2.40 -0.51	40.37 2.37 0.00	36.26 1.98 0.00	37.94 1.71 0.00	36.64 1.42 0.00
INDIAN POINT___3 23531	34.19 1.43 -1.56	35.37 1.19 0.00	31.06 1.02 0.00	23.90 0.82 0.00	24.25 0.90 0.00	28.77 1.16 0.00	40.34 1.70 0.00	38.13 1.83 0.00	35.50 1.82 -0.32	35.63 1.00 -17.13	32.57 1.69 -0.45	49.90 0.45 -41.04	52.68 0.25 -47.77	35.25 0.35 -29.30	35.34 2.02 -0.03	34.51 2.12 0.00	65.65 4.15 -0.13	89.46 4.44 -24.18	47.56 2.41 -9.02	41.35 2.40 -0.52	40.37 2.38 0.00	36.27 1.99 0.00	37.94 1.72 0.00	36.66 1.44 0.00
INGHAM_C_115KV_TB7 356103	31.44 0.24 0.00	34.17 -0.02 0.00	29.93 -0.12 0.00	23.15 0.07 0.00	23.58 0.23 0.00	27.96 0.35 0.00	39.02 0.38 0.00	36.73 0.42 0.00	33.84 0.48 0.00	17.81 0.31 0.00	31.05 0.62 0.00	8.59 0.18 0.00	4.70 0.05 0.00	5.65 0.04 0.00	33.50 0.21 0.00	32.40 0.02 0.00	61.27 -0.10 0.00	61.59 0.74 0.00	36.55 0.42 0.00	38.92 0.50 0.00	38.22 0.23 0.00	34.49 0.21 0.00	36.10 -0.12 0.00	34.85 -0.38 0.00
IP CORINTH___1 23988	33.18 1.57 -0.41	35.69 1.51 0.00	31.35 1.30 0.00	24.16 1.07 0.00	24.45 1.10 0.00	29.14 1.53 0.00	40.90 2.26 0.00	38.31 2.00 0.00	35.68 1.89 -0.43	41.43 0.99 -22.94	32.80 1.78 -0.60	71.19 0.52 -62.26	77.38 0.26 -72.46	45.14 0.29 -39.24	34.82 1.49 -0.04	33.63 1.24 0.00	64.08 2.53 -0.18	96.23 3.01 -32.37	50.07 1.87 -12.07	40.98 1.87 -0.69	39.67 1.68 0.00	35.82 1.53 0.00	37.60 1.38 0.00	36.73 1.51 0.00
IP___TICONDEROGA 23804	34.53 2.92 -0.41	36.93 2.75 0.00	32.31 2.27 0.00	25.01 1.92 0.00	25.38 2.02 0.00	30.39 2.77 0.00	42.84 4.21 0.00	39.60 3.29 0.00	36.73 2.94 -0.43	41.95 1.52 -22.92	33.88 2.86 -0.60	72.31 0.86 -63.04	78.52 0.49 -73.37	45.39 0.57 -39.22	36.30 2.97 -0.04	35.06 2.68 0.00	66.80 5.25 -0.18	99.68 6.47 -32.36	52.13 3.94 -12.07	42.82 3.71 -0.69	41.03 3.04 0.00	36.80 2.52 0.00	38.68 2.45 0.00	37.85 2.63 0.00
ISLIP_RES_REC 323679	35.52 3.01 -1.32	37.09 2.91 0.00	32.47 2.43 0.00	24.96 1.88 0.00	25.36 2.01 0.00	30.21 2.59 0.00	41.77 3.13 0.00	39.53 3.22 0.00	37.20 3.51 -0.33	36.85 1.92 -17.42	34.48 3.60 -0.45	51.01 0.86 -41.74	53.73 0.48 -48.60	37.44 0.66 -31.17	50.15 3.98 -12.87	310.51 4.03 -274.09	257.32 7.26 -188.69	93.10 7.66 -24.60	58.95 4.25 -18.57	60.13 4.51 -17.19	74.11 4.65 -31.46	46.43 4.05 -8.09	40.05 3.81 -0.01	38.47 3.24 0.00
JAMAICA__27_KV_LOAD 355505	34.49 1.96 -1.33	35.88 1.70 0.00	31.50 1.46 0.00	24.21 1.13 0.00	24.58 1.23 0.00	29.17 1.55 0.00	40.89 2.25 0.00	38.72 2.41 0.00	36.00 2.32 -0.33	36.18 1.26 -17.42	32.91 2.03 -0.45	50.67 0.53 -41.72	53.52 0.30 -48.57	35.80 0.41 -29.79	35.66 2.34 -0.03	34.88 2.49 0.00	66.29 4.79 -0.13	90.43 5.00 -24.58	48.07 2.77 -9.17	41.77 2.82 -0.53	40.81 2.82 0.00	36.71 2.43 0.00	38.50 2.28 0.00	37.15 1.93 0.00
JANIS___SOLAR 323808	32.49 1.30 0.00	35.48 1.30 0.00	31.13 1.09 0.00	23.89 0.81 0.00	24.26 0.90 0.00	28.78 1.17 0.00	40.56 1.93 0.00	38.28 1.98 0.00	35.04 1.63 -0.05	20.73 0.73 -2.50	31.50 1.01 -0.06	14.63 0.25 -5.97	11.75 0.15 -6.95	10.00 0.13 -4.26	34.21 0.91 0.00	33.38 0.99 0.00	63.31 1.92 -0.02	66.50 2.13 -3.52	38.98 1.54 -1.31	40.25 1.76 -0.08	39.82 1.82 0.00	35.86 1.58 0.00	37.71 1.48 0.00	36.38 1.16 0.00
JARVIS____ 23743	31.34 0.14 0.00	34.27 0.09 0.00	30.11 0.06 0.00	23.13 0.05 0.00	23.42 0.07 0.00	27.74 0.12 0.00	38.83 0.20 0.00	36.53 0.22 0.00	33.56 0.20 0.00	17.62 0.11 0.00	30.60 0.18 0.00	8.46 0.04 0.00	4.67 0.02 0.00	5.63 0.02 0.00	33.40 0.11 0.00	32.49 0.10 0.00	61.57 0.20 0.00	61.18 0.33 0.00	36.32 0.20 0.00	38.66 0.23 0.00	38.19 0.20 0.00	34.46 0.17 0.00	36.37 0.14 0.00	35.32 0.10 0.00

JENNISON___1 23625	32.46 1.26 0.00	35.46 1.28 0.00	31.10 1.05 0.00	23.89 0.81 0.00	24.28 0.92 0.00	28.79 1.18 0.00	40.53 1.89 0.00	38.30 1.99 0.00	35.10 1.68 -0.06	21.59 0.82 -3.26	31.85 1.34 -0.08	16.53 0.36 -7.76	13.93 0.23 -9.05	11.41 0.26 -5.54	34.94 1.64 0.00	34.07 1.69 0.00	64.78 3.38 -0.03	68.73 3.31 -4.57	39.62 1.78 -1.71	40.63 2.11 -0.10	40.14 2.15 0.00	36.08 1.79 0.00	37.86 1.63 0.00	36.46 1.24 0.00
JENNISON___2 23626	32.46 1.26 0.00	35.46 1.28 0.00	31.10 1.05 0.00	23.89 0.81 0.00	24.28 0.92 0.00	28.79 1.18 0.00	40.53 1.89 0.00	38.30 1.99 0.00	35.10 1.68 -0.06	21.59 0.82 -3.26	31.85 1.34 -0.08	16.53 0.36 -7.76	13.93 0.23 -9.05	11.41 0.26 -5.54	34.94 1.64 0.00	34.07 1.69 0.00	64.78 3.38 -0.03	68.73 3.31 -4.57	39.62 1.78 -1.71	40.63 2.11 -0.10	40.14 2.15 0.00	36.08 1.79 0.00	37.86 1.63 0.00	36.46 1.24 0.00
JERICHO_RISE_WT_PWR 323719	31.41 0.22 0.00	34.93 0.75 0.00	30.83 0.79 0.00	23.69 0.61 0.00	23.98 0.62 0.00	28.24 0.62 0.00	39.17 0.53 0.00	36.51 0.20 0.00	33.58 0.22 0.00	17.87 0.37 0.00	30.77 0.34 0.00	8.56 0.14 0.00	4.72 0.07 0.00	5.67 0.06 0.00	33.43 0.14 0.00	32.42 0.04 0.00	61.15 -0.22 0.00	60.11 -0.74 0.00	35.93 -0.20 0.00	38.07 -0.35 0.00	37.43 -0.56 0.00	33.61 -0.68 0.00	35.80 -0.42 0.00	35.30 0.07 0.00
KATONAH___115KV_46KV_TB4 355592	33.76 1.68 -0.89	35.65 1.47 0.00	31.29 1.24 0.00	24.09 1.00 0.00	24.43 1.07 0.00	29.00 1.39 0.00	40.67 2.03 0.00	38.45 2.14 0.00	35.81 2.12 -0.33	36.45 1.15 -17.79	32.88 1.99 -0.46	51.57 0.53 -42.63	54.58 0.30 -49.62	36.44 0.40 -30.43	35.65 2.33 -0.03	34.80 2.41 0.00	66.20 4.69 -0.14	90.93 4.96 -25.12	48.26 2.76 -9.37	41.76 2.79 -0.54	40.74 2.75 0.00	36.60 2.32 0.00	38.28 2.05 0.00	36.95 1.72 0.00
KCE_NY_1 323755	33.28 1.67 -0.42	35.82 1.64 0.00	31.44 1.40 0.00	24.22 1.14 0.00	24.55 1.20 0.00	29.20 1.58 0.00	40.98 2.34 0.00	38.47 2.16 0.00	35.77 1.99 -0.43	41.46 1.05 -22.90	32.86 1.84 -0.60	73.09 0.53 -64.15	79.59 0.28 -74.65	45.12 0.33 -39.19	35.15 1.82 -0.04	34.05 1.66 0.00	64.89 3.34 -0.18	96.87 3.69 -32.33	50.39 2.20 -12.06	41.48 2.36 -0.69	40.19 2.20 0.00	36.18 1.89 0.00	37.97 1.75 0.00	36.84 1.62 0.00
KCE_NY_6_ESR 323823	30.94 -0.25 0.00	33.99 -0.19 0.00	29.87 -0.17 0.00	22.79 -0.30 0.00	23.01 -0.35 0.00	27.20 -0.41 0.00	37.99 -0.64 0.00	35.56 -0.74 0.00	32.32 -1.06 -0.03	18.27 -0.68 -1.45	29.62 -0.85 -0.04	11.77 -0.28 -3.63	8.71 -0.12 -4.17	8.05 -0.15 -2.59	32.54 -0.76 0.00	31.75 -0.64 0.00	59.57 -1.81 -0.01	60.58 -2.41 -2.14	35.36 -1.57 -0.80	36.78 -1.69 -0.05	36.68 -1.31 0.00	33.52 -0.76 0.00	35.64 -0.59 0.00	34.45 -0.77 0.00
KEDC_PORT_JEFF_GT2 24210	35.19 2.67 -1.32	36.74 2.56 0.00	32.17 2.13 0.00	24.74 1.66 0.00	25.16 1.80 0.00	29.91 2.30 0.00	41.29 2.65 0.00	39.02 2.71 0.00	36.69 3.01 -0.33	36.60 1.67 -17.42	34.07 3.19 -0.45	50.90 0.74 -41.74	53.67 0.41 -48.60	37.37 0.59 -31.17	49.67 3.50 -12.87	358.33 3.53 -322.41	297.12 5.99 -229.76	91.75 6.31 -24.60	60.16 3.49 -20.54	63.35 3.89 -21.02	73.49 4.04 -31.46	46.02 3.57 -8.17	39.59 3.36 -0.01	38.09 2.87 0.00
KEDC_PORT_JEFF_GT3 24211	35.19 2.67 -1.32	36.74 2.56 0.00	32.17 2.13 0.00	24.74 1.66 0.00	25.16 1.80 0.00	29.91 2.30 0.00	41.29 2.65 0.00	39.02 2.71 0.00	36.69 3.01 -0.33	36.60 1.67 -17.42	34.07 3.19 -0.45	50.90 0.74 -41.74	53.67 0.41 -48.60	37.37 0.59 -31.17	49.67 3.50 -12.87	358.33 3.53 -322.41	297.12 5.99 -229.76	91.75 6.31 -24.60	60.16 3.49 -20.54	63.35 3.89 -21.02	73.49 4.04 -31.46	46.02 3.57 -8.17	39.59 3.36 -0.01	38.09 2.87 0.00
KEDC_GLWD_GT4 24219	34.56 2.04 -1.32	36.03 1.85 0.00	31.59 1.54 0.00	24.32 1.23 0.00	24.69 1.34 0.00	29.32 1.70 0.00	40.90 2.27 0.00	38.70 2.39 0.00	35.96 2.27 -0.33	36.17 1.24 -17.42	33.10 2.23 -0.45	50.71 0.55 -41.74	53.57 0.32 -48.60	37.22 0.44 -31.17	48.76 2.59 -12.87	87.80 2.68 -52.73	69.79 5.04 -3.38	90.81 5.36 -24.60	49.05 2.94 -9.98	41.94 2.98 -0.53	72.56 3.11 -31.46	44.83 2.79 -7.76	38.72 2.49 0.00	37.36 2.14 0.00
KEDC_GLWD_GT5 24220	34.56 2.04 -1.32	36.03 1.85 0.00	31.59 1.54 0.00	24.32 1.23 0.00	24.69 1.34 0.00	29.32 1.70 0.00	40.90 2.27 0.00	38.70 2.39 0.00	35.96 2.27 -0.33	36.17 1.24 -17.42	33.10 2.23 -0.45	50.71 0.55 -41.74	53.57 0.32 -48.60	37.22 0.44 -31.17	48.76 2.59 -12.87	87.80 2.68 -52.73	69.79 5.04 -3.38	90.81 5.36 -24.60	49.05 2.94 -9.98	41.94 2.98 -0.53	72.56 3.11 -31.46	44.83 2.79 -7.76	38.72 2.49 0.00	37.36 2.14 0.00
KENSICO____ 23655	34.19 1.59 -1.41	35.55 1.37 0.00	31.21 1.16 0.00	24.02 0.93 0.00	24.37 1.01 0.00	28.91 1.30 0.00	40.52 1.88 0.00	38.31 2.00 0.00	35.68 2.00 -0.33	35.96 1.10 -17.35	32.75 1.87 -0.45	50.48 0.49 -41.57	53.33 0.27 -48.40	35.66 0.37 -29.68	35.51 2.19 -0.03	34.68 2.29 0.00	65.96 4.45 -0.13	90.04 4.70 -24.49	47.84 2.57 -9.13	41.54 2.57 -0.53	40.56 2.57 0.00	36.45 2.17 0.00	38.13 1.90 0.00	36.83 1.61 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.68 1.49 0.00	35.44 1.27 0.00	31.15 1.10 0.00	23.97 0.89 0.00	24.34 0.98 0.00	28.82 1.20 0.00	40.47 1.84 0.00	38.33 2.02 0.00	35.59 1.94 -0.29	34.15 1.07 -15.57	32.59 1.76 -0.41	45.27 0.44 -36.42	47.27 0.21 -42.41	32.53 0.29 -26.64	35.03 1.71 -0.03	34.16 1.77 0.00	65.11 3.62 -0.12	86.88 4.05 -21.98	46.61 2.28 -8.20	41.26 2.36 -0.47	40.59 2.60 0.00	36.45 2.17 0.00	38.13 1.90 0.00	36.78 1.56 0.00
KIAC_JFK_GT1 23816	34.29 1.76 -1.33	35.67 1.49 0.00	31.33 1.28 0.00	24.07 0.99 0.00	24.43 1.08 0.00	28.96 1.35 0.00	40.53 1.89 0.00	38.37 2.07 0.00	35.68 2.00 -0.33	36.02 1.10 -17.42	32.64 1.76 -0.45	50.61 0.47 -41.72	53.49 0.26 -48.57	35.75 0.35 -29.79	35.34 2.02 -0.03	34.56 2.17 0.00	65.68 4.17 -0.13	89.90 4.47 -24.58	47.71 2.41 -9.17	41.38 2.43 -0.53	40.45 2.46 0.00	36.38 2.10 0.00	38.26 2.04 0.00	36.91 1.69 0.00
KIAC_JFK_GT2 23817	34.29 1.76 -1.33	35.67 1.49 0.00	31.33 1.28 0.00	24.07 0.99 0.00	24.43 1.08 0.00	28.96 1.35 0.00	40.53 1.89 0.00	38.37 2.07 0.00	35.68 2.00 -0.33	36.02 1.10 -17.42	32.64 1.76 -0.45	50.61 0.47 -41.72	53.49 0.26 -48.57	35.75 0.35 -29.79	35.34 2.02 -0.03	34.56 2.17 0.00	65.68 4.17 -0.13	89.90 4.47 -24.58	47.71 2.41 -9.17	41.38 2.43 -0.53	40.45 2.46 0.00	36.38 2.10 0.00	38.26 2.04 0.00	36.91 1.69 0.00
KIAC_JFK____ 323774	34.29 1.76 -1.33	35.67 1.49 0.00	31.32 1.28 0.00	24.07 0.99 0.00	24.45 1.09 0.00	28.98 1.36 0.00	40.53 1.89 0.00	38.37 2.06 0.00	35.68 2.00 -0.33	36.02 1.10 -17.42	32.65 1.77 -0.45	50.61 0.47 -41.72	53.49 0.26 -48.57	35.75 0.35 -29.79	35.35 2.03 -0.03	34.56 2.17 0.00	65.68 4.18 -0.13	89.90 4.47 -24.58	47.71 2.41 -9.17	41.39 2.44 -0.53	40.45 2.46 0.00	36.38 2.10 0.00	38.26 2.04 0.00	36.90 1.68 0.00

KINTIGH____ 23543	30.59 -0.61 0.00	33.58 -0.60 0.00	29.52 -0.53 0.00	22.53 -0.55 0.00	22.76 -0.60 0.00	26.89 -0.72 0.00	37.46 -1.18 0.00	35.12 -1.19 0.00	31.96 -1.43 -0.02	17.92 -0.84 -1.26	29.29 -1.17 -0.03	11.17 -0.35 -3.11	8.08 -0.16 -3.58	7.62 -0.20 -2.22	32.15 -1.14 0.00	31.35 -1.03 0.00	58.88 -2.50 -0.01	59.76 -2.93 -1.83	34.92 -1.89 -0.68	36.43 -2.03 -0.04	36.28 -1.71 0.00	33.12 -1.17 0.00	35.26 -0.96 0.00	34.09 -1.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.91 0.71 0.00	35.39 1.21 0.00	31.23 1.18 0.00	24.02 0.93 0.00	24.31 0.95 0.00	28.63 1.01 0.00	39.68 1.05 0.00	36.91 0.60 0.00	33.99 0.63 0.00	18.22 0.71 0.00	31.19 0.77 0.00	8.68 0.26 0.00	4.79 0.14 0.00	5.74 0.13 0.00	33.79 0.50 0.00	32.78 0.39 0.00	61.89 0.51 0.00	61.05 0.19 0.00	36.55 0.43 0.00	38.74 0.32 0.00	38.04 0.05 0.00	34.12 -0.16 0.00	36.30 0.07 0.00	35.85 0.63 0.00
LACHUTE__HYDRO 323717	34.54 2.92 -0.41	36.93 2.75 0.00	32.31 2.27 0.00	25.01 1.92 0.00	25.38 2.03 0.00	30.39 2.78 0.00	42.84 4.20 0.00	39.60 3.29 0.00	36.73 2.94 -0.43	41.95 1.52 -22.92	33.88 2.86 -0.60	72.31 0.85 -63.04	78.52 0.49 -73.37	45.39 0.57 -39.22	36.30 2.97 -0.04	35.06 2.68 0.00	66.80 5.25 -0.18	99.68 6.47 -32.36	52.13 3.94 -12.07	42.82 3.71 -0.69	41.03 3.04 0.00	36.80 2.52 0.00	38.68 2.45 0.00	37.83 2.61 0.00
LAWRNCV_115KV_TB1 80681	30.87 -0.33 0.00	34.10 -0.08 0.00	30.01 -0.04 0.00	23.03 -0.05 0.00	23.31 -0.04 0.00	27.46 -0.15 0.00	38.35 -0.29 0.00	35.96 -0.34 0.00	33.00 -0.36 0.00	17.23 -0.27 0.00	30.06 -0.36 0.00	8.31 -0.10 0.00	4.59 -0.07 0.00	5.51 -0.10 0.00	32.70 -0.60 0.00	31.75 -0.64 0.00	60.20 -1.18 0.00	59.56 -1.29 0.00	35.56 -0.57 0.00	37.91 -0.51 0.00	37.44 -0.56 0.00	33.70 -0.59 0.00	35.75 -0.48 0.00	34.94 -0.28 0.00
LEDERLE____ 23769	31.15 1.48 1.53	35.42 1.25 0.00	31.11 1.06 0.00	23.94 0.85 0.00	24.30 0.94 0.00	28.82 1.21 0.00	40.46 1.82 0.00	38.27 1.96 0.00	35.60 1.93 -0.31	34.90 1.06 -16.33	32.65 1.80 -0.43	48.01 0.48 -39.12	50.47 0.27 -45.54	33.91 0.37 -27.93	35.51 2.19 -0.03	34.70 2.32 0.00	66.07 4.57 -0.13	88.77 4.87 -23.05	47.35 2.63 -8.59	41.54 2.62 -0.50	40.56 2.56 0.00	36.41 2.13 0.00	38.06 1.84 0.00	36.77 1.54 0.00
LIGHTHSE_115KV_TB6 355974	31.55 0.36 0.00	34.45 0.28 0.00	30.17 0.12 0.00	23.11 0.03 0.00	23.50 0.15 0.00	27.91 0.29 0.00	39.26 0.62 0.00	36.94 0.64 0.00	33.85 0.48 -0.02	18.45 0.16 -0.78	30.63 0.19 -0.02	10.31 0.00 -1.89	6.80 -0.05 -2.20	6.89 -0.07 -1.35	32.84 -0.45 0.00	31.89 -0.49 0.00	60.51 -0.87 -0.01	61.68 -0.29 -1.11	36.58 0.04 -0.42	38.78 0.33 -0.02	38.19 0.20 0.00	34.48 0.19 0.00	36.58 0.36 0.00	35.48 0.25 0.00
LINDEN COGEN____ 23786	34.12 1.60 -1.33	35.50 1.32 0.00	31.16 1.12 0.00	23.94 0.86 0.01	24.31 0.96 0.01	28.84 1.23 0.00	34.38 1.76 6.02	34.37 1.90 3.83	33.62 1.89 1.63	34.54 1.05 -15.98	32.70 1.82 -0.45	50.61 0.47 -41.72	53.49 0.26 -48.57	35.76 0.37 -29.79	35.47 2.15 -0.03	34.69 2.30 0.00	65.91 4.40 -0.13	90.00 4.57 -24.58	47.75 2.46 -9.17	41.22 2.44 -0.36	40.47 2.47 0.00	36.38 2.10 0.00	37.97 1.77 0.03	36.70 1.48 0.00
LINDHRST_69_KV_BK1 356055	35.21 2.69 -1.32	36.73 2.55 0.00	32.15 2.10 0.00	24.75 1.66 0.00	25.13 1.77 0.00	29.86 2.24 0.00	41.38 2.74 0.00	39.16 2.86 0.00	36.81 3.12 -0.33	36.60 1.67 -17.42	33.95 3.07 -0.45	50.88 0.72 -41.74	53.67 0.42 -48.59	37.35 0.57 -31.17	49.55 3.38 -12.87	109.22 3.48 -73.35	88.23 6.37 -20.49	92.23 6.78 -24.59	50.65 3.77 -10.76	44.43 3.97 -2.03	73.59 4.14 -31.46	45.69 3.62 -7.79	39.58 3.35 0.00	38.16 2.94 0.00
LIPA_MISC_IPP 23656	35.28 2.76 -1.32	36.83 2.66 0.00	32.28 2.23 0.00	24.81 1.73 0.00	25.16 1.80 0.00	29.98 2.36 0.00	41.45 2.81 0.00	39.22 2.90 0.00	36.87 3.19 -0.33	36.68 1.75 -17.42	34.18 3.29 -0.45	50.93 0.78 -41.74	53.68 0.43 -48.59	37.37 0.60 -31.17	49.73 3.57 -12.87	323.96 3.59 -287.98	266.60 6.42 -198.81	92.43 6.98 -24.59	58.89 3.90 -18.86	60.33 4.14 -17.76	73.75 4.30 -31.46	46.14 3.75 -8.11	39.76 3.52 -0.01	38.29 3.07 0.00
LISF__SOLAR 323691	35.36 2.84 -1.32	36.90 2.72 0.00	32.32 2.28 0.00	24.86 1.77 0.00	25.27 1.92 0.00	30.06 2.45 0.00	41.53 2.89 0.00	39.30 2.99 0.00	36.94 3.26 -0.33	36.72 1.79 -17.42	34.25 3.37 -0.45	50.95 0.79 -41.74	53.68 0.43 -48.60	37.39 0.61 -31.17	49.80 3.63 -12.87	325.91 3.66 -289.87	268.72 6.60 -200.75	92.63 7.18 -24.60	59.14 4.02 -18.99	60.66 4.23 -18.01	73.83 4.37 -31.46	46.21 3.81 -8.11	39.82 3.58 -0.01	38.28 3.06 0.00
LITTLE FALLS__HYD 24013	31.44 0.24 0.00	34.17 -0.02 0.00	29.93 -0.12 0.00	23.15 0.07 0.00	23.58 0.23 0.00	27.96 0.35 0.00	39.02 0.38 0.00	36.73 0.42 0.00	33.84 0.48 0.00	17.81 0.31 0.00	31.05 0.62 0.00	8.59 0.18 0.00	4.70 0.05 0.00	5.65 0.04 0.00	33.50 0.21 0.00	32.40 0.02 0.00	61.27 0.00 0.00	61.59 0.74 0.00	36.55 0.42 0.00	38.92 0.50 0.00	38.22 0.23 0.00	34.49 0.21 0.00	36.10 -0.12 0.00	34.85 -0.38 0.00
LITTLRIV_115KV_TB1 356100	31.16 -0.04 0.00	34.42 0.25 0.00	30.32 0.27 0.00	23.27 0.18 0.00	23.59 0.23 0.00	27.77 0.15 0.00	38.82 0.18 0.00	36.42 0.11 0.00	33.38 0.02 0.00	17.40 -0.10 0.00	30.38 -0.04 0.00	8.38 -0.03 0.00	4.63 -0.03 0.00	5.56 -0.05 0.00	32.94 -0.36 0.00	31.99 -0.40 0.00	60.67 -0.70 0.00	59.96 -0.89 0.00	35.93 -0.19 0.00	38.34 -0.09 0.00	37.87 -0.12 0.00	34.04 -0.24 0.00	36.12 -0.11 0.00	35.28 0.05 0.00
LI_NEWBRDGE__DRP 323616	34.50 1.98 -1.32	35.98 1.80 0.00	31.52 1.47 0.00	24.26 1.18 0.00	24.63 1.28 0.00	29.27 1.65 0.00	40.61 1.97 0.00	38.44 2.13 0.00	36.04 2.36 -0.33	36.20 1.27 -17.42	33.22 2.35 -0.45	50.70 0.54 -41.74	53.56 0.31 -48.59	37.23 0.45 -31.17	48.79 2.63 -12.87	87.79 2.67 -52.73	69.67 4.92 -3.38	90.80 5.36 -24.59	49.03 2.92 -9.98	41.97 3.01 -0.53	72.52 3.07 -31.46	44.70 2.65 -7.76	38.63 2.41 0.00	37.32 2.10 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.67 -0.53 0.00	33.68 -0.50 0.00	29.62 -0.43 0.00	22.59 -0.49 0.00	22.80 -0.55 0.00	26.93 -0.69 0.00	37.44 -1.20 0.00	35.04 -1.27 0.00	31.84 -1.55 -0.03	17.91 -0.93 -1.34	29.19 -1.27 -0.04	11.35 -0.40 -3.33	8.31 -0.18 -3.83	7.76 -0.22 -2.38	32.09 -1.21 0.00	31.30 -1.09 0.00	58.60 -2.78 -0.01	59.55 -3.27 -1.97	34.72 -2.14 -0.73	36.16 -2.31 -0.04	36.05 -1.94 0.00	32.96 -1.33 0.00	35.16 -1.06 0.00	34.07 -1.15 0.00
LOCKPORT__CC1 323769	30.63 -0.56 0.00	33.66 -0.52 0.00	29.61 -0.44 0.00	22.56 -0.52 0.00	22.74 -0.61 0.00	26.88 -0.73 0.00	37.40 -1.24 0.00	35.00 -1.30 0.00	31.81 -1.58 -0.03	17.92 -0.93 -1.34	29.17 -1.29 -0.04	11.38 -0.39 -3.35	8.33 -0.18 -3.85	7.78 -0.23 -2.39	32.05 -1.24 0.00	31.27 -1.12 0.00	58.54 -2.84 -0.01	59.50 -3.33 -1.98	34.70 -2.16 -0.74	36.13 -2.33 -0.04	36.03 -1.96 0.00	32.96 -1.33 0.00	35.15 -1.08 0.00	34.08 -1.15 0.00

LOCKPORT___CC2 323770	30.63 -0.56 0.00	33.66 -0.52 0.00	29.61 -0.44 0.00	22.56 -0.52 0.00	22.74 -0.61 0.00	26.88 -0.73 0.00	37.40 -1.24 0.00	35.00 -1.30 0.00	31.81 -1.58 -0.03	17.92 -0.93 -1.34	29.17 -1.29 -0.04	11.38 -0.39 -3.35	8.33 -0.18 -3.85	7.78 -0.23 -2.39	32.05 -1.24 0.00	31.27 -1.12 0.00	58.54 -2.84 -0.01	59.50 -3.33 -1.98	34.70 -2.16 -0.74	36.13 -2.33 -0.04	36.03 -1.96 0.00	32.96 -1.33 0.00	35.15 -1.08 0.00	34.08 -1.15 0.00
LOCKPORT___CC3 323771	30.63 -0.56 0.00	33.66 -0.52 0.00	29.61 -0.44 0.00	22.56 -0.52 0.00	22.74 -0.61 0.00	26.88 -0.73 0.00	37.40 -1.24 0.00	35.00 -1.30 0.00	31.81 -1.58 -0.03	17.92 -0.93 -1.34	29.17 -1.29 -0.04	11.38 -0.39 -3.35	8.33 -0.18 -3.85	7.78 -0.23 -2.39	32.05 -1.24 0.00	31.27 -1.12 0.00	58.54 -2.84 -0.01	59.50 -3.33 -1.98	34.70 -2.16 -0.74	36.13 -2.33 -0.04	36.03 -1.96 0.00	32.96 -1.33 0.00	35.15 -1.08 0.00	34.08 -1.15 0.00
LONG_LAKE_PHOENIX 24014	31.46 0.26 0.00	34.37 0.19 0.00	30.13 0.08 0.00	23.11 0.02 0.00	23.45 0.10 0.00	27.80 0.18 0.00	39.03 0.40 0.00	36.72 0.42 0.00	33.65 0.27 -0.02	18.50 0.11 -0.89	30.65 0.20 -0.02	10.58 0.03 -2.14	7.14 0.01 -2.48	7.14 0.00 -1.53	33.27 -0.03 0.00	32.40 0.01 0.00	61.41 0.04 -0.01	62.37 0.26 -1.26	36.80 0.21 -0.47	38.76 0.31 -0.03	38.29 0.30 0.00	34.57 0.28 0.00	36.56 0.33 0.00	35.39 0.17 0.00
LOVETT___3 23632	30.94 1.34 1.60	35.28 1.10 0.00	30.99 0.94 0.00	23.85 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.27 1.63 0.00	38.08 1.77 0.00	35.42 1.75 -0.31	34.91 0.96 -16.44	32.49 1.64 -0.43	48.21 0.43 -39.37	50.73 0.24 -45.83	34.05 0.34 -28.11	35.31 1.99 -0.03	34.49 2.11 0.00	65.65 4.15 -0.13	88.49 4.44 -23.19	47.16 2.39 -8.65	41.29 2.37 -0.50	40.33 2.34 0.00	36.21 1.93 0.00	37.88 1.65 0.00	36.59 1.37 0.00
LOVETT___4 23642	30.94 1.34 1.60	35.28 1.10 0.00	30.99 0.94 0.00	23.85 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.27 1.63 0.00	38.08 1.77 0.00	35.42 1.75 -0.31	34.91 0.96 -16.44	32.49 1.64 -0.43	48.21 0.43 -39.37	50.73 0.24 -45.83	34.05 0.34 -28.11	35.31 1.99 -0.03	34.49 2.11 0.00	65.65 4.15 -0.13	88.49 4.44 -23.19	47.16 2.39 -8.65	41.29 2.37 -0.50	40.33 2.34 0.00	36.21 1.93 0.00	37.88 1.65 0.00	36.59 1.37 0.00
LOVETT___5 23593	30.94 1.34 1.60	35.28 1.10 0.00	30.99 0.94 0.00	23.85 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.27 1.63 0.00	38.08 1.77 0.00	35.42 1.75 -0.31	34.91 0.96 -16.44	32.49 1.64 -0.43	48.21 0.43 -39.37	50.73 0.24 -45.83	34.05 0.34 -28.11	35.31 1.99 -0.03	34.49 2.11 0.00	65.65 4.15 -0.13	88.49 4.44 -23.19	47.16 2.39 -8.65	41.29 2.37 -0.50	40.33 2.34 0.00	36.21 1.93 0.00	37.88 1.65 0.00	36.59 1.37 0.00
LOWER RAQUET___HYD 24057	30.82 -0.38 0.00	34.05 -0.13 0.00	29.96 -0.08 0.00	23.00 -0.08 0.00	23.28 -0.08 0.00	27.44 -0.17 0.00	38.34 -0.30 0.00	35.96 -0.35 0.00	32.98 -0.38 0.00	17.24 -0.27 0.00	30.03 -0.39 0.00	8.30 -0.11 0.00	4.58 -0.08 0.00	5.50 -0.11 0.00	32.59 -0.70 0.00	31.65 -0.74 0.00	60.02 -1.35 0.00	59.42 -1.43 0.00	35.52 -0.61 0.00	37.88 -0.54 0.00	37.38 -0.61 0.00	33.63 -0.65 0.00	35.68 -0.55 0.00	34.89 -0.34 0.00
LOWER___HUDSON 24059	32.89 1.26 -0.43	35.39 1.21 0.00	31.05 1.00 0.00	23.94 0.86 0.00	24.25 0.89 0.00	28.80 1.19 0.00	40.27 1.64 0.00	37.79 1.48 0.00	35.23 1.44 -0.42	40.99 0.77 -22.72	32.34 1.32 -0.59	85.40 0.39 -76.59	93.96 0.22 -89.09	44.74 0.25 -38.87	34.69 1.36 -0.04	33.56 1.18 0.00	63.93 2.38 -0.18	95.69 2.77 -32.06	49.78 1.68 -11.96	40.97 1.86 -0.68	39.66 1.67 0.00	35.71 1.43 0.00	37.47 1.24 0.00	36.33 1.10 0.00
LOWVILLE_115KV_TB2 356335	31.85 0.65 0.00	34.79 0.61 0.00	30.44 0.39 0.00	23.29 0.21 0.00	23.78 0.43 0.00	28.26 0.64 0.00	39.76 1.12 0.00	37.42 1.12 0.00	34.33 0.96 -0.01	18.30 0.41 -0.39	30.95 0.52 -0.01	9.41 0.05 -0.94	5.68 -0.07 -1.09	6.16 -0.12 -0.67	32.45 -0.85 0.00	31.64 -0.75 0.00	60.15 -1.22 0.00	61.40 0.00 -0.55	36.77 0.43 -0.21	39.37 0.93 -0.01	38.61 0.62 0.00	34.61 0.33 0.00	36.73 0.50 0.00	35.82 0.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.29 1.68 -0.42	35.84 1.65 0.00	31.46 1.42 0.00	24.23 1.14 0.00	24.54 1.19 0.00	29.18 1.57 0.00	40.91 2.27 0.00	38.40 2.10 0.00	35.77 1.98 -0.43	41.44 1.04 -22.90	32.84 1.82 -0.60	73.08 0.52 -64.15	79.59 0.28 -74.65	45.12 0.33 -39.19	35.11 1.78 -0.04	34.03 1.64 0.00	64.82 3.27 -0.18	96.79 3.61 -32.33	50.36 2.17 -12.06	41.44 2.33 -0.69	40.15 2.16 0.00	36.16 1.88 0.00	37.96 1.74 0.00	36.86 1.64 0.00
LUTHERNY_35_KV_BK2 355980	33.28 1.67 -0.42	35.82 1.64 0.00	31.44 1.40 0.00	24.22 1.14 0.00	24.54 1.19 0.00	29.19 1.58 0.00	40.98 2.34 0.00	38.47 2.16 0.00	35.78 1.99 -0.43	41.46 1.05 -22.90	32.86 1.84 -0.60	73.09 0.53 -64.15	79.59 0.28 -74.65	45.12 0.33 -39.19	35.15 1.82 -0.04	34.06 1.67 0.00	64.90 3.35 -0.18	96.87 3.69 -32.33	50.39 2.20 -12.06	41.48 2.36 -0.69	40.19 2.20 0.00	36.18 1.89 0.00	37.97 1.74 0.00	36.85 1.63 0.00
LWR___OSWEGATCHIE_HYD 23850	31.29 0.09 0.00	34.37 0.19 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.48 0.12 0.00	27.80 0.19 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.61 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.84 0.00	31.55 -0.83 0.00	59.93 -1.44 0.00	59.98 -0.87 0.00	35.96 -0.17 0.00	38.57 0.14 0.00	37.94 -0.06 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.30 0.07 0.00
LYONS_FALL_HYD 23570	31.87 0.67 0.00	34.80 0.62 0.00	30.49 0.44 0.00	23.36 0.28 0.00	23.81 0.46 0.00	28.25 0.63 0.00	39.71 1.07 0.00	37.38 1.07 0.00	34.31 0.95 -0.01	18.31 0.44 -0.37	31.04 0.60 -0.01	9.41 0.11 -0.89	5.68 0.00 -1.03	6.21 -0.03 -0.63	33.03 -0.27 0.00	32.18 -0.20 0.00	61.11 -0.27 0.00	61.92 0.55 -0.52	36.96 0.64 -0.19	39.41 0.98 -0.01	38.76 0.77 0.00	34.80 0.52 0.00	36.84 0.61 0.00	35.85 0.62 0.00
MADISON___COUNTY_LFGE 323628	31.97 0.77 0.00	34.92 0.74 0.00	30.63 0.58 0.00	23.53 0.45 0.00	23.94 0.58 0.00	28.32 0.70 0.00	39.76 1.13 0.00	37.43 1.12 0.00	34.35 0.98 -0.01	18.61 0.50 -0.60	31.18 0.74 -0.02	10.05 0.19 -1.45	6.43 0.10 -1.68	6.75 0.11 -1.03	33.89 0.60 0.00	33.01 0.63 0.00	62.52 1.14 0.00	63.08 1.37 -0.85	37.42 0.98 -0.32	39.56 1.11 -0.02	39.05 1.06 0.00	35.17 0.88 0.00	37.08 0.86 0.00	35.91 0.68 0.00
MALONE___115KV_TB1 356076	31.54 0.34 0.00	35.01 0.83 0.00	30.88 0.83 0.00	23.71 0.63 0.00	23.99 0.64 0.00	28.26 0.65 0.00	39.34 0.70 0.00	36.76 0.45 0.00	33.79 0.43 0.00	18.01 0.51 0.00	30.95 0.52 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.53 0.23 0.00	32.55 0.16 0.00	61.50 0.13 0.00	60.55 -0.30 0.00	36.23 0.10 0.00	38.46 0.03 0.00	37.86 -0.13 0.00	33.98 -0.30 0.00	36.14 -0.09 0.00	35.52 0.30 0.00

MAPLEWOD_115KV_TB3 80458	32.76 1.14 -0.43	35.23 1.05 0.00	30.93 0.88 0.00	23.83 0.74 0.00	24.13 0.77 0.00	28.65 1.04 0.00	40.08 1.44 0.00	37.59 1.29 0.00	35.12 1.33 -0.42	40.95 0.72 -22.73	32.27 1.25 -0.59	50.20 0.35 -41.43	53.16 0.18 -48.33	44.70 0.21 -38.88	34.53 1.20 -0.04	33.57 1.19 0.00	63.92 2.37 -0.18	95.55 2.61 -32.09	49.56 1.46 -11.97	40.70 1.60 -0.68	39.46 1.47 0.00	35.51 1.23 0.00	37.33 1.10 0.00	36.22 1.00 0.00
MAPLE_RIDGE_WT_1 323574	31.26 0.06 0.00	34.11 -0.07 0.00	29.84 -0.20 0.00	22.84 -0.25 0.00	23.19 -0.16 0.00	27.61 0.00 0.00	38.76 0.12 0.00	36.43 0.12 0.00	33.49 0.13 0.00	17.56 0.06 0.00	30.50 0.07 0.00	8.38 -0.04 0.00	4.58 -0.07 0.00	5.45 -0.15 0.00	32.47 -0.83 0.00	31.74 -0.64 0.00	60.12 -1.25 0.00	60.06 -0.79 0.00	35.80 -0.32 0.00	38.38 -0.04 0.00	37.83 -0.16 0.00	34.01 -0.28 0.00	36.00 -0.23 0.00	35.19 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	31.26 0.06 0.00	34.11 -0.07 0.00	29.84 -0.20 0.00	22.84 -0.25 0.00	23.19 -0.16 0.00	27.61 0.00 0.00	38.76 0.12 0.00	36.43 0.12 0.00	33.49 0.13 0.00	17.56 0.06 0.00	30.50 0.07 0.00	8.38 -0.04 0.00	4.58 -0.07 0.00	5.45 -0.15 0.00	32.47 -0.83 0.00	31.74 -0.64 0.00	60.12 -1.25 0.00	60.06 -0.79 0.00	35.80 -0.32 0.00	38.38 -0.04 0.00	37.83 -0.16 0.00	34.01 -0.28 0.00	36.00 -0.23 0.00	35.19 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	31.52 0.33 0.00	35.02 0.84 0.00	30.91 0.87 0.00	23.76 0.67 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.28 0.64 0.00	36.57 0.26 0.00	33.66 0.30 0.00	17.91 0.40 0.00	30.83 0.40 0.00	8.57 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.49 0.20 0.00	32.46 0.08 0.00	61.24 -0.13 0.00	60.29 -0.56 0.00	36.03 -0.10 0.00	38.15 -0.27 0.00	37.47 -0.52 0.00	33.62 -0.66 0.00	35.85 -0.37 0.00	35.39 0.16 0.00
MARSHVLE_115KV_TB1 80742	34.09 2.49 -0.41	37.09 2.91 0.00	32.55 2.50 0.00	24.80 1.71 0.00	25.03 1.68 0.00	29.67 2.05 0.00	41.85 3.22 0.00	39.46 3.15 0.00	36.59 2.80 -0.43	41.95 1.40 -23.05	33.30 2.28 -0.60	63.85 0.60 -54.83	68.81 0.31 -63.85	45.35 0.32 -39.43	35.27 1.94 -0.04	34.33 1.95 0.00	65.00 3.45 -0.18	96.98 3.59 -32.54	50.86 2.60 -12.13	41.86 2.74 -0.69	40.66 2.67 0.00	36.92 2.63 0.00	39.15 2.92 0.00	38.20 2.98 0.00
MARSH_HILL_WT_PWR 323713	31.29 0.10 0.00	34.25 0.07 0.00	30.13 0.08 0.00	23.03 -0.05 0.00	23.41 0.05 0.00	27.80 0.18 0.00	39.00 0.37 0.00	36.58 0.28 0.00	33.37 -0.02 -0.03	19.08 -0.16 -1.74	30.23 -0.24 -0.05	12.71 -0.17 -4.47	9.63 -0.13 -5.10	8.68 -0.12 -3.19	32.74 -0.56 0.00	32.01 -0.38 0.00	60.47 -0.92 -0.01	62.12 -1.37 -2.64	36.32 -0.79 -0.98	37.60 -0.88 -0.06	37.39 -0.60 0.00	34.33 0.05 0.00	36.42 0.19 0.00	35.20 -0.02 0.00
MCINTYRE_115KV_TB2 80467	31.40 0.20 0.00	34.71 0.53 0.00	30.60 0.55 0.00	23.47 0.39 0.00	23.77 0.42 0.00	27.98 0.37 0.00	39.16 0.52 0.00	36.71 0.41 0.00	33.63 0.26 0.00	17.50 -0.01 0.00	30.59 0.17 0.00	8.43 0.02 0.00	4.66 0.01 0.00	5.59 -0.01 0.00	33.15 -0.15 0.00	32.21 -0.17 0.00	61.14 -0.24 0.00	60.32 -0.53 0.00	36.22 0.09 0.00	38.65 0.23 0.00	38.22 0.23 0.00	34.36 0.07 0.00	36.44 0.21 0.00	35.59 0.37 0.00
MECO____69_KV_BK1 80468	34.54 2.94 -0.41	37.44 3.26 0.00	32.82 2.77 0.00	25.16 2.07 0.00	25.64 2.28 0.00	30.26 2.64 0.00	42.60 3.96 0.00	40.19 3.88 0.00	37.26 3.47 -0.43	42.22 1.66 -23.05	33.79 2.76 -0.60	63.94 0.69 -54.83	68.73 0.23 -63.85	45.37 0.34 -39.43	34.95 1.62 -0.04	33.55 1.17 0.00	62.85 1.30 -0.18	98.08 4.69 -32.54	51.20 2.93 -12.13	42.65 3.53 -0.69	41.39 3.40 0.00	37.43 3.14 0.00	39.67 3.44 0.00	38.52 3.30 0.00
MENANDS__115KV_TB5 355628	32.57 0.95 -0.43	35.02 0.85 0.00	30.75 0.70 0.00	23.70 0.61 0.00	23.99 0.63 0.00	28.49 0.87 0.00	39.82 1.18 0.00	37.36 1.05 0.00	34.89 1.10 -0.42	40.82 0.60 -22.71	32.06 1.05 -0.59	49.71 0.29 -41.00	52.63 0.15 -47.82	44.63 0.18 -38.85	34.34 1.02 -0.04	33.38 0.99 0.00	63.54 1.99 -0.18	95.14 2.23 -32.06	49.30 1.22 -11.95	40.45 1.35 -0.68	39.19 1.20 0.00	35.29 1.00 0.00	37.10 0.87 0.00	36.01 0.78 0.00
MG INDUSTRY__DRP 24185	32.67 1.08 -0.40	35.17 0.99 0.00	30.88 0.83 0.00	23.79 0.70 0.00	24.10 0.74 0.00	28.56 0.94 0.00	39.94 1.30 0.00	37.48 1.18 0.00	34.97 1.19 -0.42	40.34 0.64 -22.20	32.11 1.10 -0.58	54.37 0.31 -45.65	58.01 0.16 -53.20	43.76 0.19 -37.96	34.42 1.10 -0.04	33.42 1.04 0.00	63.56 2.02 -0.17	94.37 2.19 -31.33	49.06 1.25 -11.68	40.51 1.42 -0.67	39.31 1.32 0.00	35.44 1.15 0.00	37.29 1.06 0.00	36.19 0.97 0.00
MID__OSWEGATCHIE_HYD 23849	31.29 0.09 0.00	34.37 0.19 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.48 0.12 0.00	27.80 0.19 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.61 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.84 0.00	31.55 -0.83 0.00	59.93 -1.44 0.00	59.98 -0.87 0.00	35.96 -0.17 0.00	38.57 0.14 0.00	37.94 -0.06 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.30 0.07 0.00
MID__RAQUETTE_HYD 23851	30.82 -0.38 0.00	34.05 -0.13 0.00	29.96 -0.08 0.00	23.00 -0.08 0.00	23.28 -0.07 0.00	27.44 -0.17 0.00	38.33 -0.30 0.00	35.96 -0.35 0.00	32.98 -0.38 0.00	17.24 -0.27 0.00	30.03 -0.39 0.00	8.30 -0.11 0.00	4.57 -0.08 0.00	5.50 -0.11 0.00	32.59 -0.70 0.00	31.65 -0.74 0.00	60.02 -1.35 0.00	59.42 -1.43 0.00	35.51 -0.61 0.00	37.88 -0.54 0.00	37.38 -0.61 0.00	33.63 -0.65 0.00	35.68 -0.55 0.00	34.88 -0.34 0.00
MILLIKEN__1 23584	31.75 0.55 0.00	34.66 0.48 0.00	30.45 0.40 0.00	23.37 0.29 0.00	23.68 0.32 0.00	28.05 0.44 0.00	39.41 0.78 0.00	37.10 0.79 0.00	34.00 0.60 -0.04	19.62 0.26 -1.85	30.90 0.43 -0.05	12.95 0.09 -4.44	9.88 0.05 -5.17	8.84 0.06 -3.17	33.68 0.38 0.00	32.81 0.43 0.00	62.23 0.85 -0.01	64.38 0.91 -2.62	37.74 0.63 -0.98	39.17 0.69 -0.06	38.76 0.77 0.00	34.98 0.70 0.00	36.86 0.63 0.00	35.66 0.44 0.00
MILLIKEN__2 23585	31.75 0.55 0.00	34.66 0.48 0.00	30.45 0.40 0.00	23.37 0.29 0.00	23.68 0.32 0.00	28.05 0.44 0.00	39.41 0.78 0.00	37.10 0.79 0.00	34.00 0.60 -0.04	19.62 0.26 -1.85	30.90 0.43 -0.05	12.95 0.09 -4.44	9.88 0.05 -5.17	8.84 0.06 -3.17	33.68 0.38 0.00	32.81 0.43 0.00	62.23 0.85 -0.01	64.38 0.91 -2.62	37.74 0.63 -0.98	39.17 0.69 -0.06	38.76 0.77 0.00	34.98 0.70 0.00	36.86 0.63 0.00	35.66 0.44 0.00
MILLIKEN__DIESEL 23629	31.75 0.55 0.00	34.66 0.48 0.00	30.45 0.40 0.00	23.37 0.29 0.00	23.68 0.32 0.00	28.05 0.44 0.00	39.41 0.78 0.00	37.10 0.79 0.00	34.00 0.60 -0.04	19.62 0.26 -1.85	30.90 0.43 -0.05	12.95 0.09 -4.44	9.88 0.05 -5.17	8.84 0.06 -3.17	33.68 0.38 0.00	32.81 0.43 0.00	62.23 0.85 -0.01	64.38 0.91 -2.62	37.74 0.63 -0.98	39.17 0.69 -0.06	38.76 0.77 0.00	34.98 0.70 0.00	36.86 0.63 0.00	35.66 0.44 0.00

MILLSEAT___LFGE 323607	31.21 0.01 0.00	34.24 0.06 0.00	30.11 0.06 0.00	22.95 -0.14 0.00	23.14 -0.21 0.00	27.39 -0.22 0.00	38.22 -0.41 0.00	35.83 -0.48 0.00	32.59 -0.80 -0.02	18.26 -0.55 -1.30	29.73 -0.73 -0.04	11.42 -0.23 -3.24	8.29 -0.09 -3.73	7.79 -0.13 -2.31	32.59 -0.70 0.00	31.83 -0.56 0.00	59.78 -1.60 -0.01	60.87 -1.89 -1.91	35.56 -1.28 -0.71	37.10 -1.37 -0.04	36.97 -1.02 0.00	33.72 -0.56 0.00	35.88 -0.35 0.00	34.72 -0.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.17 1.51 -1.46	35.46 1.28 0.00	31.14 1.09 0.00	23.97 0.88 0.00	24.32 0.96 0.00	28.85 1.23 0.00	40.43 1.80 0.00	38.22 1.91 0.00	35.59 1.91 -0.32	35.79 1.05 -17.24	32.65 1.78 -0.45	50.19 0.47 -41.30	53.00 0.27 -48.08	35.46 0.36 -29.49	35.43 2.10 -0.03	34.58 2.19 0.00	65.79 4.28 -0.13	89.74 4.56 -24.33	47.70 2.49 -9.07	41.46 2.51 -0.52	40.46 2.47 0.00	36.36 2.08 0.00	38.04 1.82 0.00	36.75 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	34.26 1.60 -1.46	35.55 1.37 0.00	31.22 1.17 0.00	24.02 0.94 0.00	24.37 1.01 0.00	28.92 1.31 0.00	40.54 1.90 0.00	38.33 2.02 0.00	35.69 2.01 -0.32	35.85 1.10 -17.24	32.75 1.87 -0.45	50.21 0.50 -41.30	53.01 0.28 -48.08	35.48 0.38 -29.49	35.55 2.22 -0.03	34.69 2.30 0.00	66.01 4.51 -0.13	89.98 4.80 -24.33	47.83 2.62 -9.07	41.60 2.65 -0.52	40.60 2.61 0.00	36.48 2.20 0.00	38.15 1.92 0.00	36.85 1.62 0.00
MODEL_CITY_ENERGY 24167	30.36 -0.83 0.00	33.36 -0.82 0.00	29.36 -0.69 0.00	22.37 -0.71 0.00	22.55 -0.81 0.00	26.63 -0.98 0.00	37.02 -1.62 0.00	34.63 -1.68 0.00	31.47 -1.92 -0.03	17.75 -1.11 -1.35	28.86 -1.60 -0.04	11.32 -0.48 -3.38	8.32 -0.22 -3.89	7.74 -0.28 -2.41	31.75 -1.55 0.00	30.96 -1.42 0.00	57.94 -3.44 -0.01	58.91 -3.93 -1.99	34.31 -2.56 -0.74	35.68 -2.79 -0.04	35.59 -2.40 0.00	32.57 -1.72 0.00	34.76 -1.46 0.00	33.77 -1.46 0.00
MODERN_LFGE___ 323580	30.36 -0.83 0.00	33.36 -0.82 0.00	29.36 -0.69 0.00	22.37 -0.71 0.00	22.55 -0.81 0.00	26.63 -0.98 0.00	37.02 -1.62 0.00	34.63 -1.68 0.00	31.47 -1.92 -0.03	17.75 -1.11 -1.35	28.86 -1.60 -0.04	11.32 -0.48 -3.38	8.32 -0.22 -3.89	7.74 -0.28 -2.41	31.75 -1.55 0.00	30.96 -1.42 0.00	57.94 -3.44 -0.01	58.91 -3.93 -1.99	34.31 -2.56 -0.74	35.68 -2.79 -0.04	35.59 -2.40 0.00	32.57 -1.72 0.00	34.76 -1.46 0.00	33.77 -1.46 0.00
MOHAWK_PAPER___DRP 24187	32.76 1.14 -0.43	35.23 1.05 0.00	30.93 0.88 0.00	23.83 0.74 0.00	24.13 0.77 0.00	28.65 1.04 0.00	40.08 1.44 0.00	37.59 1.29 0.00	35.12 1.33 -0.42	40.95 0.72 -22.73	32.27 1.25 -0.59	50.20 0.35 -41.43	53.16 0.18 -48.33	44.70 0.21 -38.88	34.53 1.20 -0.04	33.57 1.19 0.00	63.92 2.37 -0.18	95.55 2.61 -32.09	49.56 1.46 -11.97	40.70 1.60 -0.68	39.46 1.47 0.00	35.51 1.23 0.00	37.33 1.10 0.00	36.22 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	33.41 1.80 -0.41	35.92 1.74 0.00	31.52 1.48 0.00	24.30 1.22 0.00	24.62 1.27 0.00	29.34 1.73 0.00	41.17 2.54 0.00	38.54 2.23 0.00	35.88 2.09 -0.43	41.51 1.09 -22.92	32.99 1.96 -0.60	72.49 0.57 -63.50	78.86 0.30 -73.90	45.15 0.34 -39.20	35.10 1.77 -0.04	33.91 1.53 0.00	64.63 3.09 -0.18	96.86 3.67 -32.35	50.44 2.24 -12.06	41.38 2.27 -0.69	40.01 2.02 0.00	36.07 1.79 0.00	37.86 1.63 0.00	36.93 1.70 0.00
MONGAUP___HYD 23641	31.61 1.30 0.89	35.31 1.13 0.00	31.03 0.98 0.00	23.87 0.79 0.00	24.24 0.88 0.00	28.69 1.07 0.00	40.21 1.57 0.00	38.04 1.73 0.00	35.31 1.67 -0.28	33.30 0.91 -14.89	32.24 1.43 -0.39	44.43 0.37 -35.65	46.38 0.21 -41.51	31.33 0.27 -25.46	34.82 1.50 -0.02	34.00 1.61 0.00	64.69 3.20 -0.11	85.50 3.64 -21.01	46.10 2.14 -7.83	41.09 2.21 -0.45	40.25 2.26 0.00	36.18 1.90 0.00	37.87 1.64 0.00	36.60 1.38 0.00
MONTAUK___DIESEL 23721	37.10 4.59 -1.32	38.83 4.65 0.00	34.02 3.98 0.00	26.09 3.01 0.00	26.35 3.00 0.00	31.59 3.98 0.00	43.84 5.21 0.00	41.49 5.18 0.00	39.01 5.32 -0.33	37.86 2.93 -17.42	36.34 5.46 -0.45	51.54 1.38 -41.74	54.01 0.76 -48.59	37.76 0.99 -31.17	52.10 5.93 -12.87	327.60 5.91 -289.31	271.45 9.99 -200.09	96.75 11.30 -24.59	61.52 6.48 -18.92	62.83 6.54 -17.86	76.10 6.65 -31.46	48.17 5.78 -8.11	41.78 5.55 -0.01	40.14 4.91 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.57 0.37 0.00	34.57 0.39 0.00	30.39 0.35 0.00	23.19 0.11 0.00	23.53 0.18 0.00	27.88 0.27 0.00	39.10 0.46 0.00	36.65 0.34 0.00	33.31 -0.08 -0.03	18.88 -0.16 -1.54	30.56 0.09 -0.04	12.22 -0.02 -3.83	9.05 0.00 -4.40	8.34 0.00 -2.73	33.39 0.09 0.00	32.53 0.14 0.00	61.34 -0.04 -0.01	62.46 -0.64 -2.25	36.46 -0.51 -0.84	37.85 -0.63 -0.05	37.54 -0.45 0.00	34.45 0.17 0.00	36.54 0.31 0.00	35.21 -0.02 0.00
MORTIMER_115KV_TB3 55949	31.09 -0.11 0.00	34.06 -0.11 0.00	29.93 -0.12 0.00	22.88 -0.21 0.00	23.10 -0.26 0.00	27.34 -0.27 0.00	38.24 -0.40 0.00	35.92 -0.39 0.00	32.78 -0.61 -0.02	18.26 -0.40 -1.16	29.98 -0.48 -0.03	11.12 -0.16 -2.86	7.90 -0.06 -3.30	7.57 -0.08 -2.04	32.84 -0.45 0.00	32.03 -0.36 0.00	60.36 -1.03 -0.01	61.30 -1.24 -1.69	35.93 -0.83 -0.63	37.58 -0.88 -0.04	37.32 -0.67 0.00	33.90 -0.38 0.00	35.98 -0.25 0.00	34.76 -0.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.29 1.76 -1.33	35.72 1.54 0.00	31.35 1.30 0.00	24.11 1.03 0.00	24.46 1.11 0.00	29.03 1.42 0.00	40.68 2.04 0.00	38.49 2.18 0.00	35.85 2.16 -0.33	36.11 1.19 -17.42	32.88 2.00 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.80 0.40 -29.79	35.65 2.33 -0.03	34.83 2.45 0.00	66.19 4.69 -0.13	90.36 4.92 -24.58	48.01 2.72 -9.17	41.71 2.75 -0.53	40.74 2.75 0.00	36.64 2.35 0.00	38.30 2.07 0.00	36.98 1.76 0.00
MUNSVILLE_WIND_PWR 323609	33.26 2.06 0.00	36.32 2.14 0.00	31.84 1.79 0.00	24.47 1.38 0.00	24.90 1.54 0.00	29.53 1.92 0.00	41.72 3.09 0.00	39.50 3.19 0.00	36.14 2.73 -0.05	21.72 1.34 -2.88	32.61 2.11 -0.07	15.85 0.56 -6.87	12.99 0.33 -8.01	10.87 0.36 -4.91	35.60 2.30 0.00	34.69 2.30 0.00	65.86 4.47 -0.02	69.53 4.63 -4.05	40.44 2.80 -1.51	41.56 3.05 -0.09	41.06 3.07 0.00	36.90 2.61 0.00	38.67 2.44 0.00	37.22 1.99 0.00
N SALMON___HYD 24042	31.54 0.34 0.00	35.01 0.83 0.00	30.88 0.83 0.00	23.71 0.63 0.00	24.00 0.64 0.00	28.26 0.64 0.00	39.34 0.70 0.00	36.76 0.45 0.00	33.79 0.43 0.00	18.02 0.51 0.00	30.94 0.52 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.53 0.23 0.00	32.55 0.16 0.00	61.50 0.13 0.00	60.56 -0.30 0.00	36.23 0.10 0.00	38.46 0.03 0.00	37.86 -0.13 0.00	33.98 -0.30 0.00	36.14 -0.09 0.00	35.52 0.30 0.00
N.AKRON___115KV_KNAPP 355671	31.09 -0.11 0.00	34.12 -0.05 0.00	30.00 -0.05 0.00	22.88 -0.21 0.00	23.11 -0.24 0.00	27.31 -0.30 0.00	38.05 -0.59 0.00	35.65 -0.66 0.00	32.41 -0.98 -0.03	18.18 -0.63 -1.32	29.63 -0.83 -0.04	11.42 -0.27 -3.28	8.31 -0.11 -3.77	7.80 -0.15 -2.34	32.55 -0.75 0.00	31.73 -0.66 0.00	59.53 -1.86 -0.01	60.56 -2.22 -1.93	35.36 -1.49 -0.72	36.86 -1.61 -0.04	36.74 -1.25 0.00	33.53 -0.75 0.00	35.72 -0.51 0.00	34.56 -0.67 0.00

N.BELMOR_69_KV_BK1 55787	34.79 2.27 -1.32	36.29 2.11 0.00	31.78 1.74 0.00	24.48 1.39 0.00	24.84 1.49 0.00	29.54 1.92 0.00	41.04 2.41 0.00	38.87 2.56 0.00	36.43 2.74 -0.33	36.40 1.47 -17.42	33.55 2.67 -0.45	50.79 0.63 -41.74	53.62 0.37 -48.59	37.29 0.51 -31.17	49.20 3.04 -12.87	88.16 3.04 -52.73	70.43 5.68 -3.38	91.54 6.10 -24.59	49.46 3.34 -9.98	42.39 3.44 -0.53	72.96 3.51 -31.46	45.15 3.11 -7.76	39.08 2.85 0.00	37.71 2.49 0.00
N.E_GEN_SANDY PD 24062	32.93 1.17 -0.56	35.20 1.02 0.00	30.89 0.85 0.00	23.85 0.76 0.00	24.17 0.81 0.00	28.95 1.06 -0.28	40.11 1.48 0.00	36.72 1.42 1.01	35.17 1.43 -0.38	38.57 0.77 -20.29	32.25 1.30 -0.53	61.32 0.37 -52.54	66.00 0.21 -61.14	40.58 0.26 -34.71	34.75 1.43 -0.03	33.68 1.30 0.00	64.79 2.62 -0.79	92.60 3.10 -28.65	48.56 1.75 -10.68	40.91 1.87 -0.62	40.05 1.68 -0.39	35.67 1.38 0.00	37.42 1.20 0.00	36.22 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.02 1.39 1.57	35.33 1.15 0.00	31.04 0.99 0.00	23.88 0.79 0.00	24.23 0.88 0.00	28.75 1.14 0.00	40.33 1.70 0.00	38.15 1.84 0.00	35.49 1.82 -0.31	34.89 1.00 -16.38	32.55 1.70 -0.43	48.11 0.45 -39.24	50.60 0.26 -45.68	33.98 0.35 -28.02	35.39 2.07 -0.03	34.59 2.20 0.00	65.84 4.35 -0.13	88.60 4.63 -23.12	47.25 2.50 -8.62	41.40 2.48 -0.50	40.43 2.44 0.00	36.30 2.02 0.00	37.95 1.72 0.00	36.66 1.44 0.00
N.QUEENS_27_KV_LOAD 356247	34.27 1.74 -1.33	35.68 1.50 0.00	31.32 1.27 0.00	24.12 1.04 0.00	24.45 1.09 0.00	29.03 1.41 0.00	40.61 1.98 0.00	38.47 2.16 0.00	35.84 2.15 -0.33	36.09 1.17 -17.42	32.85 1.97 -0.45	50.65 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.61 2.29 -0.03	34.87 2.48 0.00	66.13 4.62 -0.13	90.37 4.93 -24.58	47.95 2.65 -9.17	41.63 2.67 -0.53	40.72 2.73 0.00	36.61 2.33 0.00	38.24 2.01 0.00	36.97 1.74 0.00
N.TROY___115KV_TB1 355778	32.89 1.26 -0.43	35.39 1.21 0.00	31.05 1.00 0.00	23.94 0.86 0.00	24.24 0.89 0.00	28.80 1.18 0.00	40.27 1.64 0.00	37.79 1.49 0.00	35.23 1.44 -0.42	40.99 0.77 -22.72	32.34 1.32 -0.59	85.40 0.39 -76.59	93.96 0.22 -89.09	44.74 0.25 -38.87	34.69 1.35 -0.04	33.56 1.18 0.00	63.93 2.38 -0.18	95.69 2.77 -32.06	49.78 1.69 -11.96	40.97 1.86 -0.68	39.66 1.67 0.00	35.71 1.43 0.00	37.47 1.25 0.00	36.33 1.11 0.00
NARROWS_GT1_1 24228	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_2 24229	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_3 24230	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_4 24231	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_5 24232	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_6 24233	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_7 24234	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT1_8 24235	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_1 24236	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_2 24237	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00

NARROWS_GT2_3 24238	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_4 24239	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_5 24240	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_6 24241	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_7 24242	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NARROWS_GT2_8 24243	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.52 5.01 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.22 1.68 -0.34	35.84 1.65 0.00	31.40 1.36 0.00	24.19 1.10 0.00	24.48 1.12 0.00	29.10 1.49 0.00	40.77 2.14 0.00	38.29 1.98 0.00	35.75 1.99 -0.40	39.67 1.02 -21.15	32.83 1.86 -0.55	52.25 0.49 -43.34	55.42 0.26 -50.51	42.07 0.30 -36.16	35.01 1.68 -0.03	33.95 1.56 0.00	64.70 3.17 -0.16	94.08 3.38 -29.85	49.24 1.99 -11.13	41.42 2.36 -0.64	40.18 2.19 0.00	36.15 1.86 0.00	37.97 1.75 0.00	36.80 1.58 0.00
NCHELSEA_115KV_TR2 355582	33.10 1.68 -0.22	35.67 1.49 0.00	31.31 1.27 0.00	24.11 1.02 0.00	24.45 1.09 0.00	29.00 1.39 0.00	40.69 2.06 0.00	38.47 2.16 0.00	35.81 2.12 -0.33	36.13 1.15 -17.47	32.83 1.95 -0.46	50.78 0.52 -41.85	53.66 0.29 -48.72	35.88 0.39 -29.89	35.59 2.27 -0.03	34.73 2.34 0.00	66.11 4.60 -0.13	90.44 4.93 -24.66	48.08 2.76 -9.20	41.76 2.80 -0.53	40.74 2.74 0.00	36.59 2.31 0.00	38.30 2.07 0.00	36.98 1.75 0.00
NEG CAPITAL___MECHNVIL 23645	33.28 1.67 -0.42	35.82 1.64 0.00	31.43 1.39 0.00	24.22 1.14 0.00	24.54 1.19 0.00	29.17 1.55 0.00	40.89 2.26 0.00	38.40 2.09 0.00	35.77 1.98 -0.43	41.39 1.04 -22.84	32.84 1.82 -0.60	76.65 0.52 -67.71	83.71 0.29 -78.77	45.02 0.33 -39.09	35.15 1.82 -0.04	34.06 1.67 0.00	64.90 3.35 -0.18	96.82 3.73 -32.25	50.40 2.24 -12.03	41.52 2.41 -0.69	40.21 2.22 0.00	36.18 1.90 0.00	37.97 1.75 0.00	36.83 1.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.54 -0.66 0.00	33.43 -0.75 0.00	29.37 -0.67 0.00	22.48 -0.60 0.00	22.71 -0.64 0.00	26.91 -0.71 0.00	37.71 -0.93 0.00	35.45 -0.85 0.00	32.36 -1.03 -0.02	18.07 -0.58 -1.15	29.58 -0.87 -0.03	10.97 -0.26 -2.81	7.78 -0.12 -3.25	7.46 -0.16 -2.01	32.38 -0.91 0.00	31.57 -0.81 0.00	59.61 -1.77 -0.01	60.64 -1.87 -1.66	35.58 -1.17 -0.62	37.20 -1.26 -0.04	36.89 -1.10 0.00	33.45 -0.84 0.00	35.41 -0.82 0.00	34.23 -0.99 0.00
NEG CENTRAL___DRP 24199	31.25 0.06 0.00	34.12 -0.06 0.00	30.00 -0.05 0.00	23.02 -0.06 0.00	23.31 -0.05 0.00	27.64 0.02 0.00	38.75 0.11 0.00	36.44 0.13 0.00	33.34 -0.04 -0.02	18.69 -0.06 -1.25	30.40 -0.05 -0.03	11.40 -0.05 -3.04	8.15 -0.02 -3.52	7.75 -0.03 -2.17	33.15 -0.15 0.00	32.31 -0.07 0.00	61.11 -0.28 -0.01	62.37 -0.28 -1.79	36.67 -0.13 -0.67	38.32 -0.14 -0.04	37.97 -0.02 0.00	34.36 0.08 0.00	36.25 0.02 0.00	35.08 -0.14 0.00
NEG CENTRAL___INDECK 23768	31.98 0.78 0.00	35.00 0.82 0.00	30.77 0.72 0.00	23.50 0.41 0.00	23.80 0.44 0.00	28.24 0.63 0.00	39.62 0.98 0.00	37.22 0.91 0.00	33.91 0.52 -0.03	18.92 -0.06 -1.47	30.37 -0.09 -0.04	12.20 -0.05 -3.84	8.97 -0.04 -4.35	8.30 -0.05 -2.74	33.04 -0.25 0.00	32.26 -0.12 0.00	60.87 -0.51 -0.01	62.27 -0.85 -2.26	36.82 -0.15 -0.84	38.68 0.21 -0.05	38.50 0.51 0.00	35.05 0.77 0.00	37.13 0.91 0.00	35.84 0.62 0.00
NEG CENTRAL___SENECA 23627	31.32 0.12 0.00	34.20 0.02 0.00	30.06 0.01 0.00	23.06 -0.02 0.00	23.40 0.05 0.00	27.74 0.12 0.00	38.84 0.20 0.00	36.56 0.25 0.00	33.41 0.03 -0.03	18.83 -0.02 -1.35	30.49 0.03 -0.04	11.69 -0.04 -3.31	8.46 -0.02 -3.83	7.95 -0.02 -2.37	33.21 -0.09 0.00	32.40 0.01 0.00	61.18 -0.20 -0.01	62.57 -0.24 -1.95	36.77 -0.09 -0.73	38.35 -0.12 -0.04	38.03 0.04 0.00	34.45 0.17 0.00	36.30 0.07 0.00	35.08 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	31.71 0.51 0.00	34.57 0.39 0.00	30.44 0.40 0.00	23.35 0.27 0.00	23.48 0.12 0.00	27.92 0.31 0.00	39.24 0.60 0.00	36.87 0.56 0.00	33.76 0.38 -0.02	18.91 0.16 -1.24	30.77 0.32 -0.03	11.48 0.07 -2.99	8.17 0.04 -3.47	7.79 0.04 -2.14	33.57 0.27 0.00	32.70 0.32 0.00	62.00 0.62 -0.01	63.27 0.65 -1.76	37.21 0.43 -0.66	38.91 0.44 -0.04	38.51 0.52 0.00	34.79 0.51 0.00	36.73 0.50 0.00	35.67 0.44 0.00
NEG MILLWOOD___DRP 24198	33.54 1.78 -0.56	35.76 1.59 0.00	31.38 1.34 0.00	24.16 1.07 0.00	24.51 1.15 0.00	29.08 1.46 0.00	40.81 2.18 0.00	38.58 2.27 0.00	35.93 2.24 -0.33	36.47 1.22 -17.75	32.96 2.07 -0.46	51.49 0.55 -42.52	54.46 0.31 -49.50	36.39 0.42 -30.36	35.76 2.44 -0.03	34.89 2.50 0.00	66.38 4.87 -0.14	91.12 5.22 -25.05	48.40 2.93 -9.34	41.94 2.98 -0.54	40.91 2.91 0.00	36.75 2.47 0.00	38.44 2.21 0.00	37.08 1.85 0.00

NEG NORTH_FLCN_SEA 23793	31.94 0.74 0.00	35.40 1.22 0.00	31.25 1.21 0.00	24.05 0.96 0.00	24.33 0.98 0.00	28.63 1.02 0.00	39.60 0.97 0.00	36.76 0.46 0.00	33.88 0.52 0.00	18.10 0.60 0.00	31.06 0.64 0.00	8.65 0.23 0.00	4.78 0.12 0.00	5.72 0.12 0.00	33.71 0.42 0.00	32.66 0.27 0.00	61.67 0.30 0.00	60.84 -0.01 0.00	36.50 0.37 0.00	38.68 0.26 0.00	37.95 -0.04 0.00	34.06 -0.22 0.00	36.26 0.04 0.00	35.88 0.65 0.00
NEG NORTH_KES_CHATEGAY 23792	31.54 0.34 0.00	35.05 0.87 0.00	30.94 0.89 0.00	23.77 0.69 0.00	24.06 0.70 0.00	28.33 0.71 0.00	39.32 0.69 0.00	36.65 0.35 0.00	33.73 0.37 0.00	17.97 0.47 0.00	30.86 0.44 0.00	8.58 0.16 0.00	4.73 0.08 0.00	5.68 0.07 0.00	33.50 0.20 0.00	32.49 0.11 0.00	61.33 -0.04 0.00	60.29 -0.56 0.00	36.07 -0.06 0.00	38.23 -0.20 0.00	37.59 -0.40 0.00	33.75 -0.54 0.00	35.94 -0.29 0.00	35.44 0.21 0.00
NEG NORTH___ALICE_FALLS 23915	31.91 0.71 0.00	35.39 1.21 0.00	31.23 1.18 0.00	24.02 0.93 0.00	24.31 0.95 0.00	28.63 1.01 0.00	39.68 1.05 0.00	36.91 0.60 0.00	33.99 0.63 0.00	18.22 0.71 0.00	31.19 0.77 0.00	8.68 0.26 0.00	4.79 0.14 0.00	5.74 0.13 0.00	33.79 0.50 0.00	32.78 0.39 0.00	61.89 0.51 0.00	61.05 0.19 0.00	36.55 0.43 0.00	38.74 0.32 0.00	38.04 0.05 0.00	34.12 -0.16 0.00	36.30 0.07 0.00	35.85 0.63 0.00
NEG NORTH___LWR_SARANAC 23913	31.91 0.71 0.00	35.39 1.21 0.00	31.23 1.18 0.00	24.02 0.93 0.00	24.31 0.95 0.00	28.63 1.01 0.00	39.68 1.05 0.00	36.91 0.60 0.00	33.99 0.63 0.00	18.22 0.71 0.00	31.19 0.77 0.00	8.68 0.26 0.00	4.79 0.14 0.00	5.74 0.13 0.00	33.79 0.50 0.00	32.78 0.39 0.00	61.89 0.51 0.00	61.05 0.19 0.00	36.55 0.43 0.00	38.74 0.32 0.00	38.04 0.05 0.00	34.12 -0.16 0.00	36.30 0.07 0.00	35.85 0.63 0.00
NEG NORTH___PLATTSBURG 23628	31.91 0.71 0.00	35.39 1.21 0.00	31.23 1.18 0.00	24.02 0.93 0.00	24.32 0.96 0.00	28.63 1.02 0.00	39.68 1.05 0.00	36.91 0.60 0.00	33.99 0.63 0.00	18.22 0.71 0.00	31.19 0.76 0.00	8.68 0.26 0.00	4.79 0.14 0.00	5.74 0.13 0.00	33.79 0.50 0.00	32.78 0.40 0.00	61.89 0.51 0.00	61.05 0.20 0.00	36.56 0.43 0.00	38.74 0.32 0.00	38.04 0.05 0.00	34.12 -0.16 0.00	36.30 0.07 0.00	35.83 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	30.64 -0.55 0.00	33.66 -0.52 0.00	29.60 -0.45 0.00	22.57 -0.51 0.00	22.78 -0.57 0.00	26.91 -0.70 0.00	37.40 -1.24 0.00	35.01 -1.29 0.00	31.81 -1.58 -0.03	17.91 -0.94 -1.34	29.17 -1.29 -0.04	11.37 -0.40 -3.35	8.33 -0.18 -3.85	7.77 -0.23 -2.39	32.07 -1.23 0.00	31.27 -1.12 0.00	58.54 -2.84 -0.01	59.50 -3.33 -1.98	34.71 -2.16 -0.74	36.13 -2.34 -0.04	36.03 -1.96 0.00	32.94 -1.34 0.00	35.15 -1.08 0.00	34.04 -1.18 0.00
NEG WEST___LANCASTR 23811	30.77 -0.43 0.00	33.75 -0.43 0.00	29.65 -0.40 0.00	22.63 -0.46 0.00	22.91 -0.44 0.00	27.10 -0.51 0.00	37.87 -0.77 0.00	35.49 -0.82 0.00	32.26 -1.13 -0.03	18.29 -0.74 -1.53	29.57 -0.89 -0.04	11.88 -0.33 -3.79	8.87 -0.15 -4.36	8.14 -0.17 -2.71	32.49 -0.81 0.00	31.73 -0.65 0.00	59.65 -1.73 -0.01	60.49 -2.59 -2.23	35.35 -1.61 -0.83	36.72 -1.75 -0.05	36.61 -1.39 0.00	33.44 -0.84 0.00	35.54 -0.68 0.00	34.28 -0.94 0.00
NEG_PENN_ALLEGHNY 23528	31.40 0.20 0.00	34.32 0.14 0.00	30.10 0.05 0.00	23.10 0.02 0.00	23.45 0.10 0.00	27.78 0.17 0.00	39.05 0.41 0.00	36.69 0.39 0.00	33.65 0.23 -0.05	20.45 0.07 -2.87	30.66 0.16 -0.07	15.25 0.03 -6.80	12.63 0.03 -7.95	10.50 0.03 -4.86	33.57 0.27 0.00	32.77 0.39 0.00	62.21 0.82 -0.02	65.43 0.57 -4.01	37.88 0.25 -1.50	38.73 0.22 -0.09	38.35 0.35 0.00	34.66 0.38 0.00	36.49 0.27 0.00	35.29 0.07 0.00
NEG___GEN_MONROE 24207	31.37 0.17 0.00	34.33 0.15 0.00	30.15 0.11 0.00	23.02 -0.07 0.00	23.24 -0.11 0.00	27.54 -0.08 0.00	38.55 -0.08 0.00	36.21 -0.09 0.00	33.00 -0.39 -0.02	18.37 -0.30 -1.17	30.06 -0.39 -0.03	11.17 -0.13 -2.88	7.94 -0.04 -3.32	7.60 -0.06 -2.06	32.94 -0.35 0.00	32.16 -0.23 0.00	60.58 -0.80 -0.01	61.56 -0.99 -1.70	36.12 -0.64 -0.63	37.78 -0.68 -0.04	37.55 -0.44 0.00	34.12 -0.16 0.00	36.21 -0.01 0.00	34.95 -0.27 0.00
NEPA___ENERGY 23901	30.89 -0.31 0.00	33.83 -0.35 0.00	29.66 -0.39 0.00	22.67 -0.42 0.00	23.03 -0.32 0.00	27.31 -0.31 0.00	38.34 -0.30 0.00	35.82 -0.48 0.00	32.56 -0.83 -0.03	18.49 -0.57 -1.56	29.80 -0.67 -0.04	12.05 -0.22 -3.85	9.00 -0.09 -4.44	8.27 -0.09 -2.75	32.89 -0.40 0.00	32.21 -0.17 0.00	60.88 -0.50 -0.01	61.76 -1.36 -2.27	35.90 -1.07 -0.85	37.14 -1.33 -0.05	37.09 -0.91 0.00	33.82 -0.47 0.00	35.72 -0.51 0.00	34.50 -0.72 0.00
NEVERSINK___HYD 23608	32.24 1.05 0.00	35.00 0.82 0.00	30.76 0.72 0.00	23.68 0.60 0.00	24.05 0.70 0.00	28.46 0.84 0.00	39.96 1.32 0.00	37.83 1.52 0.00	35.07 1.45 -0.27	32.58 0.82 -14.25	32.11 1.32 -0.37	42.83 0.31 -34.10	44.43 0.07 -39.71	30.11 0.12 -24.38	33.98 0.67 -0.02	33.18 0.80 0.00	63.26 1.78 -0.11	83.13 2.16 -20.12	44.80 1.17 -7.50	40.13 1.27 -0.43	40.12 2.12 0.00	36.01 1.73 0.00	37.71 1.48 0.00	36.42 1.19 0.00
NEWKRMKL_115KV_TB1 55635	32.41 0.79 -0.42	34.84 0.66 0.00	30.59 0.54 0.00	23.57 0.49 0.00	23.87 0.51 0.00	28.33 0.71 0.00	39.62 0.98 0.00	37.20 0.89 0.00	34.74 0.95 -0.42	40.72 0.52 -22.70	31.93 0.91 -0.59	51.95 0.25 -43.28	55.25 0.13 -50.47	44.58 0.16 -38.82	34.21 0.88 -0.04	33.25 0.87 0.00	63.29 1.75 -0.17	94.83 1.94 -32.04	49.15 1.08 -11.94	40.29 1.18 -0.68	39.04 1.05 0.00	35.16 0.87 0.00	36.95 0.73 0.00	35.84 0.62 0.00
NEWTON___FALLS_HYD 23847	31.29 0.09 0.00	34.37 0.19 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.48 0.12 0.00	27.80 0.19 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.61 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.84 0.00	31.55 -0.83 0.00	59.93 -1.44 0.00	59.98 -0.87 0.00	35.96 -0.17 0.00	38.57 0.14 0.00	37.94 -0.06 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.30 0.07 0.00
NGRID_A1_DSASP 323792	30.15 -1.05 0.00	33.14 -1.04 0.00	29.17 -0.87 0.00	22.23 -0.86 0.00	22.38 -0.97 0.00	26.42 -1.19 0.00	36.69 -1.95 0.00	34.30 -2.01 0.00	31.16 -2.22 -0.03	17.62 -1.25 -1.36	28.61 -1.85 -0.04	11.27 -0.54 -3.40	8.28 -0.28 -3.90	7.69 -0.34 -2.43	31.50 -1.80 0.00	30.71 -1.67 0.00	57.42 -3.96 -0.01	58.42 -4.44 -2.00	34.14 -2.73 -0.75	35.51 -2.96 -0.04	35.43 -2.56 0.00	32.43 -1.85 0.00	34.65 -1.58 0.00	33.52 -1.70 0.00
NGRID_A2_DSASP 323793	30.15 -1.05 0.00	33.14 -1.04 0.00	29.17 -0.87 0.00	22.23 -0.86 0.00	22.38 -0.97 0.00	26.42 -1.19 0.00	36.69 -1.95 0.00	34.30 -2.01 0.00	31.16 -2.22 -0.03	17.62 -1.25 -1.36	28.61 -1.85 -0.04	11.27 -0.54 -3.40	8.28 -0.28 -3.90	7.69 -0.34 -2.43	31.50 -1.80 0.00	30.71 -1.67 0.00	57.42 -3.96 -0.01	58.42 -4.44 -2.00	34.14 -2.73 -0.75	35.51 -2.96 -0.04	35.43 -2.56 0.00	32.43 -1.85 0.00	34.65 -1.58 0.00	33.52 -1.70 0.00

NGRID_A4_DSASP 323807	30.15 -1.05 0.00	33.14 -1.04 0.00	29.16 -0.89 0.00	22.24 -0.85 0.00	22.42 -0.94 0.00	26.45 -1.16 0.00	36.69 -1.94 0.00	34.31 -2.00 0.00	31.17 -2.22 -0.03	17.61 -1.26 -1.36	28.62 -1.84 -0.04	11.26 -0.55 -3.40	8.27 -0.29 -3.90	7.69 -0.34 -2.43	31.51 -1.78 0.00	30.71 -1.67 0.00	57.42 -3.97 -0.01	58.37 -4.48 -2.00	34.14 -2.74 -0.75	35.51 -2.95 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.65 -1.58 0.00	33.49 -1.74 0.00
NIAGARA_115E_LBMP 323715	30.21 -0.99 0.00	33.20 -0.98 0.00	29.22 -0.83 0.00	22.26 -0.82 0.00	22.43 -0.93 0.00	26.48 -1.13 0.00	36.80 -1.83 0.00	34.41 -1.89 0.00	31.26 -2.12 -0.03	17.65 -1.21 -1.36	28.68 -1.78 -0.04	11.30 -0.52 -3.41	8.32 -0.25 -3.92	7.73 -0.31 -2.43	31.57 -1.73 0.00	30.78 -1.61 0.00	57.59 -3.80 -0.01	58.54 -4.32 -2.01	34.06 -2.81 -0.75	35.42 -3.05 -0.04	35.33 -2.66 0.00	32.34 -1.95 0.00	34.54 -1.68 0.00	33.59 -1.64 0.00
NIAGARA_115W_LBMP 323714	30.09 -1.11 0.00	33.07 -1.11 0.00	29.11 -0.94 0.00	22.18 -0.90 0.00	22.34 -1.02 0.00	26.37 -1.25 0.00	36.61 -2.02 0.00	34.23 -2.08 0.00	31.09 -2.29 -0.03	17.58 -1.29 -1.36	28.55 -1.91 -0.04	11.24 -0.56 -3.39	8.26 -0.30 -3.90	7.68 -0.35 -2.42	31.44 -1.86 0.00	30.64 -1.74 0.00	57.30 -4.09 -0.01	58.29 -4.56 -2.00	34.07 -2.80 -0.75	35.43 -3.04 -0.04	35.35 -2.64 0.00	32.36 -1.92 0.00	34.57 -1.65 0.00	33.45 -1.77 0.00
NIAGARA_230_LBMP 323716	30.29 -0.91 0.00	33.29 -0.89 0.00	29.30 -0.75 0.00	22.34 -0.75 0.00	22.51 -0.85 0.00	26.56 -1.05 0.00	36.93 -1.71 0.00	34.55 -1.76 0.00	31.40 -1.99 -0.03	17.70 -1.15 -1.35	28.80 -1.66 -0.04	11.29 -0.48 -3.36	8.29 -0.23 -3.86	7.72 -0.29 -2.39	31.69 -1.61 0.00	30.91 -1.48 0.00	57.88 -3.50 -0.01	58.81 -4.02 -1.98	34.33 -2.54 -0.74	35.73 -2.74 -0.04	35.64 -2.35 0.00	32.61 -1.67 0.00	34.81 -1.42 0.00	33.69 -1.53 0.00
NIAGARA__115KV_198_GIBSON 55903	30.09 -1.11 0.00	33.07 -1.11 0.00	29.10 -0.94 0.00	22.19 -0.89 0.00	22.37 -0.99 0.00	26.39 -1.22 0.00	36.62 -2.02 0.00	34.24 -2.07 0.00	31.09 -2.30 -0.03	17.57 -1.29 -1.36	28.56 -1.90 -0.04	11.23 -0.57 -3.39	8.25 -0.30 -3.90	7.68 -0.35 -2.42	31.45 -1.85 0.00	30.65 -1.74 0.00	57.29 -4.10 -0.01	58.24 -4.61 -2.00	34.07 -2.80 -0.75	35.43 -3.03 -0.04	35.35 -2.64 0.00	32.35 -1.93 0.00	34.58 -1.65 0.00	33.42 -1.80 0.00
NIAGARA____ 23760	30.29 -0.91 0.00	33.29 -0.89 0.00	29.30 -0.75 0.00	22.34 -0.75 0.00	22.51 -0.85 0.00	26.56 -1.05 0.00	36.93 -1.71 0.00	34.55 -1.76 0.00	31.40 -1.99 -0.03	17.71 -1.15 -1.36	28.80 -1.66 -0.04	11.32 -0.48 -3.38	8.32 -0.23 -3.89	7.74 -0.29 -2.42	31.69 -1.61 0.00	30.91 -1.48 0.00	57.88 -3.50 -0.01	58.82 -4.02 -1.99	34.33 -2.54 -0.74	35.73 -2.74 -0.04	35.64 -2.35 0.00	32.61 -1.67 0.00	34.81 -1.42 0.00	33.69 -1.53 0.00
NINE_MILE_1 23575	30.34 -0.85 0.00	33.22 -0.96 0.00	29.19 -0.86 0.00	22.40 -0.69 0.00	22.67 -0.69 0.00	26.83 -0.79 0.00	37.59 -1.04 0.00	35.34 -0.96 0.00	32.43 -0.94 -0.01	17.67 -0.51 -0.67	29.57 -0.87 -0.02	9.80 -0.24 -1.63	6.42 -0.13 -1.89	6.61 -0.16 -1.16	32.33 -0.97 0.00	31.48 -0.90 0.00	59.61 -1.76 0.00	60.07 -1.74 -0.96	35.44 -1.05 -0.36	37.33 -1.11 -0.02	36.93 -1.06 0.00	33.38 -0.91 0.00	35.32 -0.90 0.00	34.27 -0.95 0.00
NINE_MILE_2 23744	30.35 -0.85 0.00	33.23 -0.95 0.00	29.19 -0.85 0.00	22.40 -0.68 0.00	22.67 -0.69 0.00	26.83 -0.78 0.00	37.60 -1.04 0.00	35.35 -0.96 0.00	32.43 -0.94 -0.01	17.67 -0.51 -0.67	29.58 -0.87 -0.02	9.80 -0.24 -1.63	6.41 -0.13 -1.89	6.61 -0.16 -1.16	32.33 -0.97 0.00	31.48 -0.90 0.00	59.62 -1.76 0.00	60.08 -1.73 -0.96	35.44 -1.04 -0.36	37.34 -1.11 -0.02	36.93 -1.06 0.00	33.38 -0.90 0.00	35.33 -0.90 0.00	34.28 -0.95 0.00
NM_CAPITAL____DRP 24208	32.49 0.87 -0.43	34.94 0.76 0.00	30.68 0.63 0.00	23.64 0.55 0.00	23.93 0.57 0.00	28.41 0.79 0.00	39.72 1.08 0.00	37.26 0.95 0.00	34.80 1.02 -0.42	40.75 0.56 -22.69	31.99 0.97 -0.59	49.24 0.27 -40.56	52.10 0.14 -47.31	44.57 0.16 -38.80	34.26 0.93 -0.04	33.30 0.91 0.00	63.39 1.85 -0.17	94.94 2.06 -32.03	49.19 1.13 -11.94	40.35 1.25 -0.68	39.09 1.10 0.00	35.20 0.92 0.00	37.00 0.78 0.00	35.92 0.69 0.00
NM_CENTRAL____DRP 24181	30.96 -0.23 0.00	33.86 -0.32 0.00	29.72 -0.33 0.00	22.80 -0.28 0.00	23.10 -0.25 0.00	27.37 -0.25 0.00	38.38 -0.25 0.00	36.11 -0.20 0.00	33.11 -0.27 -0.02	18.26 -0.16 -0.92	30.20 -0.25 -0.02	10.55 -0.08 -2.21	7.19 -0.04 -2.57	7.14 -0.05 -1.58	32.98 -0.31 0.00	32.13 -0.26 0.00	60.85 -0.53 -0.01	61.65 -0.50 -1.31	36.30 -0.31 -0.49	38.12 -0.33 -0.03	37.71 -0.29 0.00	34.07 -0.22 0.00	36.01 -0.21 0.00	34.88 -0.35 0.00
NM_FRONTIER____DRP 24179	30.09 -1.11 0.00	33.07 -1.11 0.00	29.10 -0.94 0.00	22.19 -0.89 0.00	22.37 -0.99 0.00	26.39 -1.22 0.00	36.62 -2.02 0.00	34.24 -2.07 0.00	31.09 -2.30 -0.03	17.57 -1.29 -1.36	28.56 -1.90 -0.04	11.23 -0.57 -3.39	8.25 -0.30 -3.90	7.68 -0.35 -2.42	31.45 -1.85 0.00	30.65 -1.74 0.00	57.29 -4.10 -0.01	58.24 -4.61 -2.00	34.07 -2.80 -0.75	35.43 -3.03 -0.04	35.35 -2.64 0.00	32.35 -1.93 0.00	34.58 -1.65 0.00	33.42 -1.80 0.00
NM_ST_REGIS____HYD 24053	31.04 -0.16 0.00	34.33 0.15 0.00	30.23 0.18 0.00	23.20 0.12 0.00	23.49 0.14 0.00	27.68 0.06 0.00	38.62 -0.02 0.00	36.21 -0.10 0.00	33.23 -0.13 0.00	17.46 -0.05 0.00	30.30 -0.13 0.00	8.38 -0.04 0.00	4.62 -0.03 0.00	5.55 -0.06 0.00	32.86 -0.43 0.00	31.91 -0.48 0.00	60.45 -0.92 0.00	59.77 -1.08 0.00	35.74 -0.39 0.00	38.07 -0.35 0.00	37.55 -0.44 0.00	33.76 -0.52 0.00	35.84 -0.38 0.00	35.09 -0.14 0.00
NORTHPORT____1 23551	34.68 2.17 -1.32	36.22 2.05 0.00	31.69 1.65 0.00	24.42 1.34 0.00	24.85 1.49 0.00	29.49 1.88 0.00	40.61 1.97 0.00	38.39 2.09 0.00	36.14 2.46 -0.33	36.23 1.30 -17.42	33.39 2.51 -0.45	50.72 0.57 -41.74	53.57 0.32 -48.60	37.25 0.47 -31.17	48.91 2.74 -12.87	91.89 2.69 -56.81	73.45 4.80 -7.28	90.73 5.28 -24.59	49.26 2.91 -10.22	42.46 3.04 -1.00	72.63 3.18 -31.46	44.70 2.65 -7.77	38.67 2.44 0.00	37.35 2.13 0.00
NORTHPORT____2 23552	34.68 2.17 -1.32	36.22 2.05 0.00	31.69 1.65 0.00	24.42 1.34 0.00	24.85 1.49 0.00	29.49 1.88 0.00	40.61 1.97 0.00	38.39 2.09 0.00	36.14 2.46 -0.33	36.23 1.30 -17.42	33.39 2.51 -0.45	50.72 0.57 -41.74	53.57 0.32 -48.60	37.25 0.47 -31.17	48.91 2.74 -12.87	91.89 2.69 -56.81	73.45 4.80 -7.28	90.73 5.28 -24.59	49.26 2.91 -10.22	42.46 3.04 -1.00	72.63 3.18 -31.46	44.70 2.65 -7.77	38.67 2.44 0.00	37.35 2.13 0.00
NORTHPORT____3 23553	34.68 2.17 -1.32	36.12 1.95 0.00	31.60 1.55 0.00	24.35 1.27 0.00	24.74 1.39 0.00	29.38 1.76 0.00	40.46 1.82 0.00	38.21 1.90 0.00	36.00 2.31 -0.33	36.13 1.20 -17.42	33.19 2.31 -0.45	50.67 0.51 -41.74	53.55 0.30 -48.60	37.22 0.43 -31.17	48.71 2.54 -12.87	71.36 2.76 -36.21	54.80 4.80 11.37	90.43 4.99 -24.59	48.09 2.77 -9.19	40.35 2.93 1.01	72.40 2.95 -31.46	44.65 2.64 -7.73	38.47 2.24 0.00	37.30 2.08 0.00

NORTHPORT___4 23650	34.68 2.17 -1.32	36.12 1.95 0.00	31.60 1.55 0.00	24.35 1.27 0.00	24.74 1.39 0.00	29.38 1.76 0.00	40.46 1.82 0.00	38.21 1.90 0.00	36.00 2.31 -0.33	36.13 1.20 -17.42	33.19 2.31 -0.45	50.67 0.51 -41.74	53.55 0.30 -48.60	37.22 0.43 -31.17	48.71 2.54 -12.87	71.36 2.76 -36.21	54.80 4.80 11.37	90.43 4.99 -24.59	48.09 2.77 -9.19	40.35 2.93 1.01	72.40 2.95 -31.46	44.72 2.70 -7.73	38.55 2.33 0.00	37.30 2.08 0.00
NORTHPORT___IC 23718	34.68 2.17 -1.32	36.22 2.05 0.00	31.69 1.65 0.00	24.42 1.34 0.00	24.85 1.49 0.00	29.49 1.88 0.00	40.61 1.97 0.00	38.39 2.09 0.00	36.14 2.46 -0.33	36.23 1.30 -17.42	33.39 2.51 -0.45	50.72 0.57 -41.74	53.57 0.32 -48.60	37.25 0.47 -31.17	48.91 2.74 -12.87	91.89 2.69 -56.81	73.45 4.80 -7.28	90.73 5.28 -24.59	49.26 2.91 -10.22	42.46 3.04 -1.00	72.63 3.18 -31.46	44.70 2.65 -7.77	38.67 2.44 0.00	37.35 2.13 0.00
NORTH___COUNTRY_ESR 323785	31.41 0.22 0.00	34.93 0.75 0.00	30.83 0.79 0.00	23.69 0.61 0.00	23.98 0.62 0.00	28.24 0.62 0.00	39.17 0.53 0.00	36.51 0.20 0.00	33.58 0.22 0.00	17.87 0.37 0.00	30.77 0.34 0.00	8.56 0.14 0.00	4.72 0.07 0.00	5.67 0.06 0.00	33.43 0.14 0.00	32.42 0.04 0.00	61.15 -0.22 0.00	60.11 -0.74 0.00	35.93 -0.20 0.00	38.07 -0.35 0.00	37.43 -0.56 0.00	33.61 -0.68 0.00	35.80 -0.42 0.00	35.30 0.07 0.00
NPX_GEN_1385_PROXY 323591	33.96 1.45 -1.32	35.77 1.60 0.00	31.15 1.10 0.00	24.32 1.24 0.00	25.03 1.68 0.00	29.50 1.89 0.00	39.74 1.11 0.00	37.69 1.38 0.00	35.60 1.91 -0.33	35.77 0.84 -17.42	32.85 1.97 -0.45	50.62 0.46 -41.74	53.59 0.27 -48.66	37.23 0.45 -31.17	49.32 2.55 -13.48	91.32 2.13 -56.81	71.50 2.85 -7.28	88.82 3.38 -24.59	48.44 2.09 -10.22	41.60 2.18 -1.00	71.70 2.25 -31.46	43.66 1.61 -7.77	37.47 1.25 0.00	36.46 1.24 0.00
NPX_GEN_CSC 323557	35.63 3.11 -1.32	37.18 3.01 0.00	32.59 2.54 0.00	25.04 1.95 0.00	25.44 2.08 0.00	30.30 2.69 0.00	41.88 3.24 0.00	39.62 3.31 0.00	37.25 3.57 -0.33	36.89 1.96 -17.42	34.55 3.67 -0.45	51.03 0.88 -41.74	53.80 0.48 -48.66	37.44 0.66 -31.17	50.75 3.97 -13.48	325.29 3.98 -288.93	268.16 7.12 -199.67	93.18 7.73 -24.60	59.35 4.32 -18.90	60.72 4.46 -17.83	74.07 4.62 -31.46	46.43 4.04 -8.11	40.05 3.81 -0.01	38.48 3.26 0.00
NSINS_S_GLNS_FALLS 23858	33.37 1.76 -0.41	35.88 1.70 0.00	31.51 1.46 0.00	24.28 1.20 0.00	24.60 1.25 0.00	29.32 1.70 0.00	41.14 2.50 0.00	38.51 2.20 0.00	35.86 2.07 -0.43	41.51 1.09 -22.92	32.97 1.95 -0.60	72.01 0.57 -63.03	78.30 0.29 -73.35	45.16 0.33 -39.22	35.06 1.73 -0.04	33.86 1.48 0.00	64.54 2.99 -0.18	96.73 3.52 -32.36	50.37 2.17 -12.07	41.30 2.19 -0.69	39.96 1.97 0.00	36.04 1.75 0.00	37.83 1.60 0.00	36.92 1.69 0.00
NUCOR_STEEL___DRP 24197	31.49 0.30 0.00	34.30 0.12 0.00	30.22 0.18 0.00	23.22 0.13 0.00	23.40 0.04 0.00	27.72 0.10 0.00	38.90 0.26 0.00	36.57 0.26 0.00	33.51 0.13 -0.02	18.74 0.03 -1.20	30.54 0.08 -0.03	11.31 0.01 -2.89	8.02 0.01 -3.36	7.68 0.00 -2.07	33.31 0.02 0.00	32.47 0.08 0.00	61.53 0.15 -0.01	62.74 0.19 -1.70	36.91 0.15 -0.64	38.61 0.15 -0.04	38.22 0.23 0.00	34.53 0.25 0.00	36.46 0.23 0.00	35.40 0.17 0.00
NUMBER_THREE_WT_PWR 323818	31.82 0.63 0.00	34.76 0.58 0.00	30.41 0.37 0.00	23.26 0.17 0.00	23.75 0.39 0.00	28.22 0.61 0.00	39.73 1.09 0.00	37.38 1.08 0.00	34.30 0.93 -0.01	18.29 0.39 -0.39	30.92 0.49 -0.01	9.40 0.05 -0.94	5.67 -0.08 -1.10	6.14 -0.14 -0.68	32.38 -0.91 0.00	31.57 -0.81 0.00	60.03 -1.34 0.00	61.30 -0.11 -0.55	36.72 0.38 -0.21	39.32 0.89 -0.01	38.56 0.57 0.00	34.55 0.27 0.00	36.69 0.47 0.00	35.80 0.58 0.00
NYISO_LBMP_REFERENCE 24008	31.20 0.00 0.00	34.18 0.00 0.00	30.05 0.00 0.00	23.09 0.00 0.00	23.36 0.00 0.00	27.62 0.00 0.00	38.64 0.00 0.00	36.31 0.00 0.00	33.36 0.00 0.00	17.51 0.00 0.00	30.42 0.00 0.00	8.42 0.00 0.00	4.66 0.00 0.00	5.61 0.00 0.00	33.29 0.00 0.00	32.38 0.00 0.00	61.37 0.00 0.00	60.85 0.00 0.00	36.13 0.00 0.00	38.42 0.00 0.00	37.99 0.00 0.00	34.28 0.00 0.00	36.23 0.00 0.00	35.22 0.00 0.00
NYPA_BRENTWD___GT 24164	35.22 2.70 -1.32	36.75 2.57 0.00	32.16 2.12 0.00	24.75 1.66 0.00	25.18 1.82 0.00	29.92 2.31 0.00	41.31 2.68 0.00	39.10 2.79 0.00	36.78 3.09 -0.33	36.59 1.67 -17.42	34.00 3.12 -0.45	50.88 0.73 -41.74	53.67 0.42 -48.60	37.33 0.55 -31.17	49.35 3.18 -12.87	139.24 3.37 -103.49	112.43 5.83 -45.23	91.54 6.10 -24.59	51.37 3.40 -11.85	46.23 3.66 -4.15	73.48 4.03 -31.46	45.61 3.49 -7.83	39.49 3.26 0.00	38.05 2.82 0.00
NYPA_GOWANUS___GT5 24156	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.15 0.00	38.60 2.29 0.00	35.95 2.26 -0.33	36.19 1.26 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.50 5.00 -0.13	90.63 5.20 -24.58	48.16 2.87 -9.17	41.85 2.90 -0.53	40.96 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NYPA_GOWANUS___GT6 24157	34.48 1.96 -1.33	35.88 1.70 0.00	31.51 1.46 0.00	24.22 1.13 0.00	24.59 1.23 0.00	29.20 1.59 0.00	40.79 2.15 0.00	38.60 2.29 0.00	35.95 2.26 -0.33	36.19 1.26 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.84 2.52 -0.03	35.31 2.69 -0.24	66.50 5.00 -0.13	90.63 5.20 -24.58	48.16 2.87 -9.17	41.85 2.90 -0.53	40.96 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.18 1.96 0.00
NYPA_HARLEM__RVR_GT1 24160	34.22 1.70 -1.33	35.62 1.45 0.00	31.27 1.22 0.00	24.08 1.00 0.00	24.42 1.07 0.00	28.99 1.37 0.00	40.56 1.92 0.00	38.41 2.10 0.00	35.77 2.09 -0.33	36.06 1.14 -17.42	32.80 1.92 -0.45	50.64 0.50 -41.72	53.50 0.28 -48.57	35.78 0.38 -29.79	35.54 2.22 -0.03	34.79 2.40 0.00	65.99 4.48 -0.13	90.22 4.79 -24.58	47.88 2.58 -9.17	41.55 2.60 -0.53	40.64 2.65 0.00	36.54 2.25 0.00	38.16 1.94 0.00	36.89 1.67 0.00
NYPA_HARLEM__RVR_GT2 24161	34.22 1.70 -1.33	35.62 1.45 0.00	31.27 1.22 0.00	24.08 1.00 0.00	24.42 1.07 0.00	28.99 1.37 0.00	40.56 1.92 0.00	38.41 2.10 0.00	35.77 2.09 -0.33	36.06 1.14 -17.42	32.80 1.92 -0.45	50.64 0.50 -41.72	53.50 0.28 -48.57	35.78 0.38 -29.79	35.54 2.22 -0.03	34.79 2.40 0.00	65.99 4.48 -0.13	90.22 4.79 -24.58	47.88 2.58 -9.17	41.55 2.60 -0.53	40.64 2.65 0.00	36.54 2.25 0.00	38.16 1.94 0.00	36.89 1.67 0.00
NYPA_KENT___GT 24152	34.41 1.89 -1.33	35.83 1.65 0.00	31.46 1.41 0.00	24.19 1.11 0.00	24.55 1.20 0.00	29.15 1.54 0.00	40.75 2.12 0.00	38.56 2.26 0.00	35.94 2.25 -0.33	36.17 1.25 -17.42	33.04 2.16 -0.45	50.71 0.57 -41.72	53.54 0.32 -48.57	35.82 0.43 -29.79	35.81 2.49 -0.03	35.18 2.64 -0.15	66.41 4.91 -0.13	90.56 5.13 -24.58	48.12 2.83 -9.17	41.80 2.85 -0.53	40.89 2.90 0.00	36.82 2.53 0.00	38.42 2.20 0.00	37.12 1.90 0.00

NYPA_POUCH1____GT 24155	34.43 1.91 -1.33	35.82 1.64 0.00	31.48 1.43 0.00	24.18 1.10 0.00	24.56 1.20 0.00	29.17 1.56 0.00	41.57 2.04 -0.89	38.26 2.17 0.21	35.75 2.16 -0.23	36.05 1.22 -17.33	32.98 2.10 -0.45	49.96 0.54 -41.00	52.48 0.30 -47.52	35.79 0.42 -29.76	35.71 2.40 -0.02	35.16 2.57 -0.20	65.15 4.81 1.03	87.40 4.97 -21.57	48.05 2.76 -9.17	41.55 2.75 -0.37	40.85 2.86 0.00	36.82 2.52 -0.01	38.40 2.17 0.00	37.11 1.89 0.00
NYPA_VERNON____GT2 24162	34.36 1.83 -1.33	35.78 1.60 0.00	31.41 1.37 0.00	24.16 1.08 0.00	24.52 1.17 0.00	29.11 1.50 0.00	40.75 2.12 0.00	38.58 2.27 0.00	35.95 2.26 -0.33	36.17 1.24 -17.42	33.01 2.13 -0.45	50.70 0.56 -41.72	53.54 0.31 -48.57	35.82 0.42 -29.79	35.78 2.46 -0.03	35.04 2.60 -0.05	66.39 4.88 -0.13	90.51 5.08 -24.58	48.10 2.80 -9.17	41.77 2.82 -0.53	40.83 2.84 0.00	36.74 2.46 0.00	38.38 2.15 0.00	37.06 1.84 0.00
NYPA_VERNON____GT3 24163	34.36 1.83 -1.33	35.78 1.60 0.00	31.41 1.37 0.00	24.16 1.08 0.00	24.52 1.17 0.00	29.11 1.50 0.00	40.75 2.12 0.00	38.58 2.27 0.00	35.95 2.26 -0.33	36.17 1.24 -17.42	33.01 2.13 -0.45	50.70 0.56 -41.72	53.54 0.31 -48.57	35.82 0.42 -29.79	35.78 2.46 -0.03	35.04 2.60 -0.05	66.39 4.88 -0.13	90.51 5.08 -24.58	48.10 2.80 -9.17	41.77 2.82 -0.53	40.83 2.84 0.00	36.74 2.46 0.00	38.38 2.15 0.00	37.06 1.84 0.00
NYPA____ASTORIA_CC1 323568	34.29 1.77 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.66 2.02 0.00	38.50 2.20 0.00	35.88 2.20 -0.33	36.12 1.20 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.29 2.07 0.00	36.99 1.77 0.00
NYPA____ASTORIA_CC2 323569	34.29 1.77 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.66 2.02 0.00	38.50 2.20 0.00	35.88 2.20 -0.33	36.12 1.20 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.93 2.54 0.00	66.24 4.74 -0.13	90.38 4.95 -24.58	48.02 2.72 -9.17	41.70 2.75 -0.53	40.76 2.77 0.00	36.68 2.39 0.00	38.29 2.07 0.00	36.99 1.77 0.00
NYPA____HOLTSVILL 23794	35.04 2.53 -1.32	36.58 2.40 0.00	32.04 1.99 0.00	24.65 1.56 0.00	25.06 1.71 0.00	29.80 2.18 0.00	41.12 2.48 0.00	38.90 2.60 0.00	36.59 2.90 -0.33	36.52 1.59 -17.42	33.89 3.01 -0.45	50.86 0.70 -41.74	53.64 0.39 -48.60	37.33 0.55 -31.17	49.44 3.27 -12.87	321.85 3.31 -286.15	264.21 5.86 -196.98	91.77 6.33 -24.60	58.37 3.51 -18.74	59.66 3.72 -17.52	73.33 3.88 -31.46	45.76 3.37 -8.10	39.38 3.14 -0.01	37.91 2.69 0.00
NYPA____HELLGATE_GT1 24158	34.22 1.70 -1.33	35.62 1.45 0.00	31.27 1.22 0.00	24.08 1.00 0.00	24.42 1.07 0.00	28.99 1.37 0.00	40.56 1.92 0.00	38.41 2.10 0.00	35.77 2.09 -0.33	36.06 1.14 -17.42	32.80 1.92 -0.45	50.64 0.50 -41.72	53.50 0.28 -48.57	35.78 0.38 -29.79	35.54 2.22 -0.03	34.79 2.40 0.00	65.99 4.48 -0.13	90.22 4.79 -24.58	47.88 2.58 -9.17	41.55 2.60 -0.53	40.64 2.65 0.00	36.54 2.25 0.00	38.16 1.94 0.00	36.90 1.68 0.00
NYPA____HELLGATE_GT2 24159	34.22 1.70 -1.33	35.62 1.45 0.00	31.27 1.22 0.00	24.08 1.00 0.00	24.42 1.07 0.00	28.99 1.37 0.00	40.56 1.92 0.00	38.41 2.10 0.00	35.77 2.09 -0.33	36.06 1.14 -17.42	32.80 1.92 -0.45	50.64 0.50 -41.72	53.50 0.28 -48.57	35.78 0.38 -29.79	35.54 2.22 -0.03	34.79 2.40 0.00	65.99 4.48 -0.13	90.22 4.79 -24.58	47.88 2.58 -9.17	41.55 2.60 -0.53	40.64 2.65 0.00	36.54 2.25 0.00	38.16 1.94 0.00	36.90 1.68 0.00
NYS_BARGE____HYD 23848	30.65 -0.54 0.00	33.68 -0.50 0.00	29.62 -0.42 0.00	22.58 -0.50 0.00	22.76 -0.59 0.00	26.90 -0.71 0.00	37.43 -1.20 0.00	35.03 -1.28 0.00	31.84 -1.55 -0.03	17.93 -0.92 -1.34	29.18 -1.28 -0.04	11.36 -0.39 -3.33	8.31 -0.17 -3.83	7.76 -0.22 -2.38	32.08 -1.22 0.00	31.30 -1.09 0.00	58.60 -2.78 -0.01	59.55 -3.26 -1.97	34.72 -2.13 -0.73	36.16 -2.31 -0.04	36.06 -1.94 0.00	32.97 -1.32 0.00	35.17 -1.06 0.00	34.10 -1.12 0.00
OAK ORCHARD____HYD 24046	31.08 -0.11 0.00	34.06 -0.11 0.00	29.94 -0.11 0.00	22.87 -0.21 0.00	23.08 -0.27 0.00	27.33 -0.28 0.00	38.24 -0.40 0.00	35.92 -0.39 0.00	32.77 -0.61 -0.02	18.26 -0.40 -1.16	29.97 -0.49 -0.03	11.12 -0.15 -2.86	7.90 -0.06 -3.30	7.57 -0.08 -2.04	32.83 -0.46 0.00	32.03 -0.36 0.00	60.35 -1.03 -0.01	61.29 -1.25 -1.69	35.93 -0.82 -0.63	37.58 -0.88 -0.04	37.32 -0.67 0.00	33.91 -0.37 0.00	35.98 -0.25 0.00	34.77 -0.45 0.00
OAKDALE__35_KV_LOAD 356122	31.29 0.09 0.00	34.19 0.01 0.00	30.00 -0.05 0.00	23.03 -0.05 0.00	23.38 0.02 0.00	27.68 0.07 0.00	38.88 0.24 0.00	36.54 0.23 0.00	33.52 0.10 -0.05	20.37 0.00 -2.87	30.54 0.04 -0.07	15.20 0.00 -6.79	12.59 0.01 -7.93	10.47 0.02 -4.85	33.44 0.14 0.00	32.65 0.26 0.00	61.92 0.53 -0.02	65.17 0.32 -4.00	37.73 0.11 -1.49	38.57 0.06 -0.09	38.19 0.19 0.00	34.52 0.23 0.00	36.35 0.13 0.00	35.18 -0.05 0.00
OCC_CHEM____DRP 24175	30.15 -1.05 0.00	33.14 -1.04 0.00	29.16 -0.89 0.00	22.24 -0.85 0.00	22.42 -0.94 0.00	26.45 -1.16 0.00	36.69 -1.94 0.00	34.31 -2.00 0.00	31.17 -2.22 -0.03	17.61 -1.26 -1.36	28.62 -1.84 -0.04	11.26 -0.55 -3.40	8.27 -0.29 -3.90	7.69 -0.34 -2.43	31.51 -1.78 0.00	30.71 -1.67 0.00	57.42 -3.97 -0.01	58.37 -4.48 -2.00	34.14 -2.74 -0.75	35.51 -2.95 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.65 -1.58 0.00	33.49 -1.74 0.00
OH_GEN_PROXY 24063	30.31 -0.89 0.00	33.32 -0.86 0.00	29.31 -0.74 0.00	22.34 -0.75 0.00	22.52 -0.83 0.00	26.59 -1.03 0.00	37.01 -1.63 0.00	34.65 -1.66 0.00	31.49 -1.89 -0.03	17.76 -1.09 -1.35	28.89 -1.58 -0.04	11.32 -0.46 -3.36	8.37 -0.22 -3.93	7.73 -0.27 -2.40	32.38 -1.52 -0.61	30.99 -1.40 0.00	58.06 -3.32 -0.01	58.97 -3.86 -1.98	34.43 -2.44 -0.74	35.83 -2.63 -0.04	35.74 -2.25 0.00	32.70 -1.58 0.00	34.88 -1.35 0.00	33.73 -1.49 0.00
OLIN_CORP_DRP 24177	30.25 -0.95 0.00	33.24 -0.94 0.00	29.25 -0.80 0.00	22.30 -0.79 0.00	22.50 -0.86 0.00	26.54 -1.08 0.00	36.85 -1.79 0.00	34.46 -1.85 0.00	31.31 -2.08 -0.03	17.68 -1.20 -1.37	28.72 -1.74 -0.04	11.32 -0.52 -3.42	8.35 -0.24 -3.94	7.75 -0.30 -2.44	31.62 -1.68 0.00	30.82 -1.56 0.00	57.66 -3.72 -0.01	58.64 -4.23 -2.02	34.14 -2.75 -0.75	35.50 -2.97 -0.04	35.40 -2.59 0.00	32.39 -1.89 0.00	34.61 -1.62 0.00	33.60 -1.62 0.00
OLIN_CORP_DSASP 323712	30.15 -1.05 0.00	33.14 -1.04 0.00	29.17 -0.87 0.00	22.23 -0.86 0.00	22.38 -0.97 0.00	26.42 -1.19 0.00	36.69 -1.95 0.00	34.30 -2.01 0.00	31.16 -2.22 -0.03	17.62 -1.25 -1.36	28.61 -1.85 -0.04	11.27 -0.54 -3.40	8.28 -0.28 -3.90	7.69 -0.34 -2.43	31.50 -1.80 0.00	30.71 -1.67 0.00	57.42 -3.96 -0.01	58.42 -4.44 -2.00	34.14 -2.73 -0.75	35.51 -2.96 -0.04	35.43 -2.56 0.00	32.43 -1.85 0.00	34.65 -1.58 0.00	33.52 -1.70 0.00

ONEIDA_HERK_LFGE 323681	31.89 0.69 0.00	34.82 0.64 0.00	30.52 0.47 0.00	23.43 0.34 0.00	23.84 0.48 0.00	28.25 0.63 0.00	39.70 1.06 0.00	37.36 1.05 0.00	34.31 0.94 -0.01	18.30 0.45 -0.34	31.09 0.66 -0.01	9.38 0.14 -0.83	5.65 0.03 -0.96	6.22 0.02 -0.59	33.34 0.05 0.00	32.48 0.10 0.00	61.63 0.26 0.00	62.17 0.83 -0.49	37.06 0.75 -0.18	39.44 1.01 -0.01	38.84 0.85 0.00	34.91 0.63 0.00	36.91 0.68 0.00	35.87 0.65 0.00
ONEIDA___115KV_TB4 55905	31.97 0.77 0.00	34.92 0.74 0.00	30.63 0.58 0.00	23.53 0.45 0.00	23.94 0.58 0.00	28.32 0.70 0.00	39.76 1.13 0.00	37.43 1.12 0.00	34.35 0.98 -0.01	18.61 0.50 -0.60	31.18 0.74 -0.02	10.05 0.19 -1.45	6.43 0.10 -1.68	6.75 0.11 -1.03	33.89 0.60 0.00	33.01 0.63 0.00	62.52 1.14 0.00	63.08 1.37 -0.85	37.42 0.98 -0.32	39.56 1.11 -0.02	39.05 1.06 0.00	35.17 0.88 0.00	37.08 0.86 0.00	35.91 0.68 0.00
ONONDAGA_REF_OCCRA 23987	31.16 -0.04 0.00	34.07 -0.11 0.00	29.91 -0.13 0.00	22.94 -0.14 0.00	23.25 -0.10 0.00	27.54 -0.07 0.00	38.65 0.01 0.00	36.36 0.05 0.00	33.34 -0.04 -0.02	18.55 -0.05 -1.09	30.38 -0.07 -0.03	11.01 -0.03 -2.63	7.70 -0.01 -3.05	7.46 -0.02 -1.88	33.19 -0.11 0.00	32.33 -0.06 0.00	61.24 -0.14 -0.01	62.30 -0.10 -1.55	36.66 -0.04 -0.58	38.41 -0.05 -0.03	38.00 0.00 0.00	34.31 0.02 0.00	36.25 0.03 0.00	35.09 -0.13 0.00
ONONDAGA___COGEN 23986	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
ONTARIO___LFGE 23819	31.31 0.11 0.00	34.20 0.02 0.00	30.07 0.02 0.00	23.06 -0.02 0.00	23.38 0.03 0.00	27.72 0.11 0.00	38.84 0.21 0.00	36.56 0.25 0.00	33.41 0.03 -0.03	18.83 -0.02 -1.35	30.49 0.03 -0.04	11.69 -0.04 -3.31	8.46 -0.02 -3.83	7.95 -0.02 -2.37	33.20 -0.09 0.00	32.40 0.01 0.00	61.18 -0.20 -0.01	62.57 -0.24 -1.95	36.77 -0.09 -0.73	38.35 -0.12 -0.04	38.03 0.04 0.00	34.46 0.18 0.00	36.29 0.07 0.00	35.10 -0.12 0.00
ORANGEVILLE_WT_PWR 323706	30.85 -0.34 0.00	33.83 -0.35 0.00	29.79 -0.26 0.00	22.75 -0.33 0.00	23.02 -0.34 0.00	27.27 -0.35 0.00	38.11 -0.52 0.00	35.71 -0.60 0.00	32.50 -0.89 -0.03	18.43 -0.61 -1.53	29.61 -0.86 -0.04	12.15 -0.30 -4.03	9.06 -0.15 -4.56	8.29 -0.19 -2.88	32.27 -1.03 0.00	31.52 -0.87 0.00	59.27 -2.11 -0.01	60.60 -2.63 -2.38	35.42 -1.59 -0.89	36.79 -1.68 -0.05	36.64 -1.36 0.00	33.51 -0.77 0.00	35.58 -0.65 0.00	34.43 -0.80 0.00
ORANGEVILLE___ESR 323794	30.85 -0.34 0.00	33.83 -0.35 0.00	29.79 -0.26 0.00	22.75 -0.33 0.00	23.02 -0.34 0.00	27.27 -0.35 0.00	38.11 -0.52 0.00	35.71 -0.60 0.00	32.50 -0.89 -0.03	18.43 -0.61 -1.53	29.61 -0.86 -0.04	12.15 -0.30 -4.03	9.06 -0.15 -4.56	8.29 -0.19 -2.88	32.27 -1.03 0.00	31.52 -0.87 0.00	59.27 -2.11 -0.01	60.60 -2.63 -2.38	35.42 -1.59 -0.89	36.79 -1.68 -0.05	36.64 -1.36 0.00	33.51 -0.77 0.00	35.58 -0.65 0.00	34.43 -0.80 0.00
OSWEGATCHIE___HYD 24044	31.29 0.09 0.00	34.38 0.20 0.00	30.16 0.11 0.00	23.10 0.01 0.00	23.47 0.11 0.00	27.80 0.18 0.00	39.01 0.37 0.00	36.66 0.35 0.00	33.60 0.25 0.00	17.54 0.04 0.00	30.43 0.00 0.00	8.36 -0.05 0.00	4.57 -0.09 0.00	5.48 -0.13 0.00	32.46 -0.83 0.00	31.55 -0.83 0.00	59.94 -1.44 0.00	59.97 -0.88 0.00	35.96 -0.17 0.00	38.56 0.14 0.00	37.94 -0.05 0.00	34.08 -0.20 0.00	36.16 -0.07 0.00	35.31 0.08 0.00
OSWEGO___5 23606	30.56 -0.64 0.00	33.45 -0.73 0.00	29.38 -0.66 0.00	22.55 -0.53 0.00	22.82 -0.53 0.00	27.01 -0.60 0.00	37.86 -0.78 0.00	35.59 -0.72 0.00	32.64 -0.73 -0.01	17.86 -0.40 -0.75	29.77 -0.67 -0.02	10.04 -0.19 -1.81	6.66 -0.10 -2.10	6.78 -0.12 -1.29	32.55 -0.75 0.00	31.69 -0.69 0.00	60.02 -1.36 -0.01	60.58 -1.34 -1.07	35.72 -0.80 -0.40	37.59 -0.86 -0.02	37.18 -0.81 0.00	33.61 -0.68 0.00	35.55 -0.68 0.00	34.49 -0.74 0.00
OSWEGO___6 23613	30.56 -0.64 0.00	33.45 -0.73 0.00	29.38 -0.66 0.00	22.55 -0.53 0.00	22.82 -0.53 0.00	27.01 -0.60 0.00	37.86 -0.78 0.00	35.59 -0.72 0.00	32.64 -0.73 -0.01	17.86 -0.40 -0.75	29.77 -0.67 -0.02	10.04 -0.19 -1.81	6.66 -0.10 -2.10	6.78 -0.12 -1.29	32.55 -0.75 0.00	31.69 -0.69 0.00	60.02 -1.36 -0.01	60.58 -1.34 -1.07	35.72 -0.80 -0.40	37.59 -0.86 -0.02	37.18 -0.81 0.00	33.61 -0.68 0.00	35.55 -0.68 0.00	34.49 -0.74 0.00
OUTOKUMPU-AB___DRP 24206	30.90 -0.30 0.00	33.94 -0.24 0.00	29.84 -0.21 0.00	22.76 -0.32 0.00	22.98 -0.37 0.00	27.16 -0.46 0.00	37.75 -0.89 0.00	35.35 -0.96 0.00	32.13 -1.26 -0.03	18.13 -0.76 -1.38	29.50 -0.96 -0.04	11.54 -0.32 -3.45	8.48 -0.14 -3.96	7.90 -0.17 -2.46	32.43 -0.86 0.00	31.64 -0.74 0.00	59.25 -2.14 -0.01	60.21 -2.67 -2.03	35.16 -1.73 -0.76	36.59 -1.88 -0.04	36.48 -1.51 0.00	33.34 -0.95 0.00	35.54 -0.69 0.00	34.33 -0.89 0.00
OXBOW___ 24026	30.60 -0.60 0.00	33.63 -0.55 0.00	29.59 -0.46 0.00	22.55 -0.53 0.00	22.72 -0.63 0.00	26.85 -0.77 0.00	37.32 -1.31 0.00	34.92 -1.39 0.00	31.74 -1.65 -0.03	17.93 -0.95 -1.37	29.14 -1.32 -0.04	11.43 -0.40 -3.42	8.39 -0.20 -3.94	7.81 -0.24 -2.44	32.06 -1.24 0.00	31.27 -1.11 0.00	58.51 -2.87 -0.01	59.50 -3.37 -2.02	34.75 -2.13 -0.75	36.17 -2.30 -0.04	36.07 -1.93 0.00	32.99 -1.30 0.00	35.20 -1.03 0.00	34.03 -1.19 0.00
OXY_CHEM_DSASP 323612	30.15 -1.05 0.00	33.14 -1.04 0.00	29.16 -0.89 0.00	22.24 -0.85 0.00	22.42 -0.94 0.00	26.45 -1.16 0.00	36.69 -1.94 0.00	34.31 -2.00 0.00	31.17 -2.22 -0.03	17.61 -1.26 -1.36	28.62 -1.84 -0.04	11.26 -0.55 -3.40	8.27 -0.29 -3.90	7.69 -0.34 -2.43	31.51 -1.78 0.00	30.71 -1.67 0.00	57.42 -3.97 -0.01	58.37 -4.48 -2.00	34.14 -2.74 -0.75	35.51 -2.95 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.65 -1.58 0.00	33.49 -1.74 0.00
OZONE_PARK_ESR 323760	34.73 2.21 -1.33	36.17 1.99 0.00	31.72 1.67 0.00	24.39 1.30 0.00	24.75 1.39 0.00	29.37 1.76 0.00	41.19 2.56 0.00	38.98 2.67 0.00	36.30 2.61 -0.33	36.34 1.42 -17.42	33.29 2.41 -0.45	50.78 0.64 -41.72	53.58 0.36 -48.57	35.88 0.48 -29.79	36.14 2.82 -0.03	35.34 2.95 0.00	67.14 5.63 -0.13	91.26 5.83 -24.58	48.55 3.25 -9.17	42.25 3.29 -0.53	41.31 3.31 0.00	37.13 2.85 0.00	38.80 2.57 0.00	37.44 2.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.15 -1.05 0.00	33.14 -1.04 0.00	29.16 -0.89 0.00	22.24 -0.85 0.00	22.42 -0.94 0.00	26.45 -1.16 0.00	36.69 -1.94 0.00	34.31 -2.00 0.00	31.17 -2.22 -0.03	17.61 -1.26 -1.36	28.62 -1.84 -0.04	11.26 -0.55 -3.40	8.27 -0.29 -3.90	7.69 -0.34 -2.43	31.51 -1.78 0.00	30.71 -1.67 0.00	57.42 -3.97 -0.01	58.37 -4.48 -2.00	34.14 -2.74 -0.75	35.51 -2.95 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.65 -1.58 0.00	33.49 -1.74 0.00

PACKARD__115KV_DUPONT_184 80571	30.15 -1.05 0.00	33.14 -1.04 0.00	29.16 -0.89 0.00	22.24 -0.85 0.00	22.42 -0.94 0.00	26.45 -1.16 0.00	36.69 -1.94 0.00	34.31 -2.00 0.00	31.17 -2.22 -0.03	17.61 -1.26 -1.36	28.62 -1.84 -0.04	11.26 -0.55 -3.40	8.27 -0.29 -3.90	7.69 -0.34 -2.43	31.51 -1.78 0.00	30.71 -1.67 0.00	57.42 -3.97 -0.01	58.37 -4.48 -2.00	34.14 -2.74 -0.75	35.51 -2.95 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.65 -1.58 0.00	33.49 -1.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.23 1.71 -1.33	35.64 1.46 0.00	31.30 1.26 0.00	24.10 1.01 0.00	24.44 1.08 0.00	29.01 1.39 0.00	40.59 1.96 0.00	38.45 2.14 0.00	35.79 2.11 -0.33	36.07 1.15 -17.42	32.83 1.95 -0.45	50.64 0.51 -41.72	53.51 0.29 -48.57	35.79 0.39 -29.79	35.60 2.28 -0.03	34.84 2.45 0.00	66.05 4.54 -0.13	90.30 4.87 -24.58	47.95 2.65 -9.17	41.62 2.67 -0.53	40.71 2.71 0.00	36.60 2.31 0.00	38.22 2.00 0.00	36.95 1.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.40 1.88 -1.33	35.84 1.67 0.00	31.48 1.44 0.00	24.25 1.17 0.00	24.68 1.32 0.00	29.22 1.61 0.00	40.86 2.22 0.00	38.62 2.31 0.00	35.94 2.26 -0.33	36.14 1.22 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.74 2.42 -0.03	34.98 2.60 0.00	66.35 4.85 -0.13	90.61 5.18 -24.58	48.13 2.83 -9.17	41.79 2.84 -0.53	40.90 2.91 0.00	36.77 2.48 0.00	38.43 2.20 0.00	37.16 1.94 0.00
PATROON__115KV_TB1 80586	32.51 0.89 -0.42	34.95 0.77 0.00	30.68 0.63 0.00	23.65 0.56 0.00	23.94 0.59 0.00	28.42 0.80 0.00	39.76 1.12 0.00	37.31 1.01 0.00	34.85 1.07 -0.42	40.82 0.58 -22.73	32.04 1.02 -0.59	52.22 0.28 -43.52	55.54 0.15 -50.74	44.66 0.17 -38.88	34.33 1.00 -0.04	33.38 0.99 0.00	63.52 1.97 -0.18	95.12 2.19 -32.09	49.29 1.20 -11.96	40.42 1.31 -0.68	39.16 1.17 0.00	35.26 0.98 0.00	37.07 0.84 0.00	35.95 0.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.90 -0.30 0.00	33.89 -0.29 0.00	29.77 -0.27 0.00	22.72 -0.36 0.00	23.00 -0.36 0.00	27.19 -0.43 0.00	37.95 -0.68 0.00	35.58 -0.73 0.00	32.34 -1.05 -0.03	18.30 -0.69 -1.48	29.66 -0.81 -0.04	11.82 -0.29 -3.69	8.78 -0.12 -4.25	8.09 -0.15 -2.64	32.59 -0.70 0.00	31.83 -0.56 0.00	59.78 -1.60 -0.01	60.64 -2.39 -2.18	35.41 -1.52 -0.81	36.81 -1.66 -0.05	36.70 -1.29 0.00	33.53 -0.76 0.00	35.64 -0.59 0.00	34.39 -0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.54 1.78 -0.56	35.76 1.59 0.00	31.38 1.34 0.00	24.16 1.07 0.00	24.51 1.15 0.00	29.08 1.46 0.00	40.81 2.18 0.00	38.58 2.27 0.00	35.93 2.24 -0.33	36.47 1.22 -17.75	32.96 2.07 -0.46	51.49 0.55 -42.52	54.46 0.31 -49.50	36.39 0.42 -30.36	35.76 2.44 -0.03	34.89 2.50 0.00	66.38 4.87 -0.14	91.12 5.22 -25.05	48.40 2.93 -9.34	41.94 2.98 -0.54	40.91 2.91 0.00	36.75 2.47 0.00	38.44 2.21 0.00	37.08 1.85 0.00
PEEKSKILL____ 23653	34.20 1.47 -1.53	35.41 1.23 0.00	31.09 1.05 0.00	23.93 0.84 0.00	24.28 0.93 0.00	28.81 1.19 0.00	40.38 1.75 0.00	38.19 1.88 0.00	35.54 1.86 -0.32	35.65 1.03 -17.11	32.61 1.74 -0.45	49.87 0.46 -41.00	52.64 0.26 -47.73	35.24 0.35 -29.27	35.39 2.07 -0.03	34.55 2.17 0.00	65.73 4.23 -0.13	89.52 4.51 -24.16	47.60 2.46 -9.01	41.42 2.47 -0.52	40.42 2.43 0.00	36.32 2.04 0.00	37.99 1.76 0.00	36.70 1.47 0.00
PGE MADISON__WINDPWR 24146	33.26 2.06 0.00	36.32 2.14 0.00	31.84 1.79 0.00	24.47 1.38 0.00	24.90 1.54 0.00	29.53 1.92 0.00	41.72 3.09 0.00	39.50 3.19 0.00	36.14 2.73 -0.05	21.72 1.34 -2.88	32.61 2.11 -0.07	15.85 0.56 -6.87	12.99 0.33 -8.01	10.87 0.36 -4.91	35.60 2.30 0.00	34.69 2.30 0.00	65.86 4.47 -0.02	69.53 4.63 -4.05	40.44 2.80 -1.51	41.56 3.05 -0.09	41.06 3.07 0.00	36.90 2.61 0.00	38.67 2.44 0.00	37.22 1.99 0.00
PIERCEFIELD__HYD 23852	30.82 -0.38 0.00	34.05 -0.13 0.00	29.96 -0.08 0.00	23.00 -0.08 0.00	23.28 -0.07 0.00	27.44 -0.17 0.00	38.33 -0.30 0.00	35.96 -0.35 0.00	32.98 -0.38 0.00	17.24 -0.27 0.00	30.03 -0.39 0.00	8.30 -0.11 0.00	4.57 -0.08 0.00	5.50 -0.11 0.00	32.59 -0.70 0.00	31.65 -0.74 0.00	60.02 -1.35 0.00	59.42 -1.43 0.00	35.51 -0.61 0.00	37.88 -0.54 0.00	37.38 -0.61 0.00	33.63 -0.65 0.00	35.68 -0.55 0.00	34.88 -0.34 0.00
PINELAWN_CC_1 323563	35.01 2.49 -1.32	36.51 2.34 0.00	31.97 1.92 0.00	24.60 1.52 0.00	25.01 1.66 0.00	29.56 1.95 0.00	40.83 2.20 0.00	38.64 2.34 0.00	36.31 2.63 -0.33	36.34 1.41 -17.42	33.50 2.62 -0.45	50.75 0.59 -41.74	53.60 0.35 -48.60	37.27 0.49 -31.17	49.04 2.88 -12.87	103.88 2.97 -68.53	83.20 5.42 -16.41	91.33 5.88 -24.59	49.91 3.22 -10.56	43.55 3.46 -1.66	73.30 3.85 -31.46	45.40 3.34 -7.78	39.29 3.07 0.00	37.87 2.65 0.00
PJM_GEN_HTP_PROXY 323702	34.30 1.78 -1.33	35.71 1.52 0.00	31.31 1.27 0.00	24.09 1.01 0.00	24.46 1.11 0.00	29.02 1.40 0.00	40.66 2.02 0.00	39.32 2.15 -0.86	35.83 2.14 -0.33	36.10 1.18 -17.42	32.88 2.01 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.80 0.40 -29.79	35.65 2.33 -0.03	34.83 2.45 0.00	66.22 4.72 -0.13	90.35 4.92 -24.58	47.98 2.69 -9.17	41.64 2.69 -0.53	40.75 2.70 -0.07	36.58 2.30 0.00	38.24 2.01 0.00	36.93 1.70 0.00
PJM_GEN_KEystone 24065	27.24 0.32 4.28	29.04 0.14 5.28	30.13 0.09 0.00	23.11 0.03 0.00	23.46 0.10 0.00	27.83 0.21 0.00	38.58 0.37 0.42	37.33 0.43 -0.59	33.71 0.30 -0.04	27.20 0.14 -9.55	31.01 0.33 -0.25	31.63 0.06 -23.16	31.65 0.04 -26.95	22.22 0.08 -16.54	33.84 0.53 -0.02	33.08 0.70 0.00	62.72 1.27 -0.07	75.57 1.07 -13.65	41.61 0.39 -5.09	38.99 0.29 -0.28	38.51 0.45 -0.07	34.78 0.49 0.00	36.59 0.37 0.00	35.37 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.49 1.97 -1.32	35.95 1.78 0.00	31.49 1.44 0.00	24.24 1.16 0.00	24.64 1.29 0.00	29.26 1.65 0.00	40.58 1.94 0.00	39.27 2.10 -0.86	36.03 2.34 -0.33	36.19 1.26 -17.42	33.21 2.33 -0.45	50.70 0.54 -41.74	53.56 0.31 -48.60	37.23 0.45 -31.17	48.77 2.60 -12.87	87.76 2.65 -52.73	69.64 4.89 -3.38	90.76 5.32 -24.59	49.01 2.90 -9.98	41.94 2.99 -0.53	72.55 3.04 -31.52	44.67 2.63 -7.76	38.60 2.38 0.00	37.26 2.04 0.00
PJM_GEN_VFT_PROXY 323633	34.12 1.60 -1.33	35.50 1.32 0.00	31.16 1.12 0.00	23.94 0.86 0.01	24.31 0.96 0.01	28.84 1.23 0.00	34.38 1.76 6.02	35.24 1.90 2.97	33.62 1.89 1.63	34.54 1.05 -15.98	32.70 1.82 -0.45	50.61 0.47 -41.72	53.49 0.26 -48.57	35.76 0.37 -29.79	35.47 2.15 -0.03	34.69 2.30 0.00	65.91 4.40 -0.13	90.00 4.57 -24.58	47.75 2.46 -9.17	41.22 2.44 -0.36	40.53 2.47 -0.07	36.38 2.10 0.00	37.97 1.77 0.03	36.70 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	31.91 0.71 0.00	35.37 1.20 0.00	31.23 1.18 0.00	24.03 0.94 0.00	24.32 0.96 0.00	28.63 1.02 0.00	39.65 1.01 0.00	36.81 0.50 0.00	33.92 0.56 0.00	18.11 0.61 0.00	31.10 0.67 0.00	8.66 0.24 0.00	4.78 0.13 0.00	5.73 0.12 0.00	33.75 0.46 0.00	32.70 0.31 0.00	61.75 0.38 0.00	60.89 0.03 0.00	36.48 0.35 0.00	38.64 0.22 0.00	37.92 -0.07 0.00	34.03 -0.25 0.00	36.24 0.01 0.00	35.85 0.63 0.00

PLEASANTVLY___LBMP 24000	33.19 1.31 -0.69	35.28 1.10 0.00	30.98 0.93 0.00	23.87 0.78 0.00	24.20 0.84 0.00	28.69 1.08 0.00	40.21 1.58 0.00	37.97 1.66 0.00	35.38 1.67 -0.35	37.07 0.92 -18.65	32.47 1.56 -0.49	53.51 0.42 -44.68	56.90 0.23 -52.01	37.82 0.31 -31.90	35.12 1.80 -0.03	34.24 1.86 0.00	65.13 3.61 -0.14	91.08 3.91 -26.32	48.11 2.16 -9.82	41.19 2.20 -0.57	40.12 2.13 0.00	36.08 1.80 0.00	37.80 1.57 0.00	36.53 1.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.86 1.60 -1.07	35.57 1.39 0.00	31.23 1.18 0.00	24.04 0.95 0.00	24.38 1.02 0.00	28.92 1.30 0.00	40.55 1.91 0.00	38.35 2.04 0.00	35.73 2.03 -0.33	36.25 1.11 -17.63	32.78 1.90 -0.46	51.17 0.51 -42.25	54.12 0.28 -49.18	36.15 0.38 -30.16	35.55 2.23 -0.03	34.70 2.31 0.00	65.96 4.45 -0.14	90.48 4.73 -24.89	48.02 2.61 -9.28	41.59 2.63 -0.54	40.60 2.60 0.00	36.49 2.20 0.00	38.17 1.94 0.00	36.84 1.62 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.86 1.60 -1.07	35.57 1.39 0.00	31.23 1.18 0.00	24.04 0.95 0.00	24.38 1.02 0.00	28.92 1.30 0.00	40.55 1.91 0.00	38.35 2.04 0.00	35.73 2.03 -0.33	36.25 1.11 -17.63	32.78 1.90 -0.46	51.17 0.51 -42.25	54.12 0.28 -49.18	36.15 0.38 -30.16	35.55 2.23 -0.03	34.70 2.31 0.00	65.96 4.45 -0.14	90.48 4.73 -24.89	48.02 2.61 -9.28	41.59 2.63 -0.54	40.60 2.60 0.00	36.49 2.20 0.00	38.17 1.94 0.00	36.84 1.62 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.15 1.55 -0.40	35.52 1.34 0.00	31.19 1.14 0.00	24.01 0.93 0.00	24.36 1.00 0.00	28.88 1.27 0.00	40.53 1.89 0.00	38.30 1.99 0.00	35.67 1.97 -0.34	36.63 1.08 -18.05	32.72 1.82 -0.47	52.14 0.49 -43.24	55.27 0.27 -50.34	36.84 0.36 -30.88	35.40 2.07 -0.03	34.53 2.15 0.00	65.72 4.20 -0.14	90.91 4.58 -25.48	48.20 2.57 -9.50	41.59 2.62 -0.55	40.54 2.55 0.00	36.42 2.13 0.00	38.14 1.91 0.00	36.83 1.60 0.00
POLETTI____ 23519	34.26 1.74 -1.33	35.67 1.49 0.00	31.30 1.25 0.00	24.08 1.00 0.00	24.43 1.08 0.00	28.99 1.37 0.00	40.61 1.98 0.00	38.42 2.11 0.00	35.80 2.11 -0.33	36.08 1.16 -17.42	32.85 1.97 -0.45	50.65 0.51 -41.72	53.52 0.29 -48.57	35.79 0.39 -29.79	35.62 2.30 -0.03	34.82 2.43 0.00	66.15 4.65 -0.13	90.30 4.86 -24.58	47.96 2.66 -9.17	41.63 2.67 -0.53	40.68 2.68 0.00	36.57 2.29 0.00	38.22 1.99 0.00	36.91 1.68 0.00
POMONA___ESR 323819	31.03 1.40 1.57	35.33 1.15 0.00	31.03 0.99 0.00	23.88 0.79 0.00	24.24 0.88 0.00	28.76 1.14 0.00	40.33 1.69 0.00	38.15 1.84 0.00	35.49 1.82 -0.31	34.89 1.00 -16.38	32.56 1.70 -0.43	48.11 0.45 -39.24	50.60 0.26 -45.68	33.98 0.35 -28.02	35.39 2.07 -0.03	34.58 2.19 0.00	65.84 4.34 -0.13	88.60 4.63 -23.12	47.24 2.50 -8.62	41.40 2.48 -0.50	40.43 2.44 0.00	36.30 2.02 0.00	37.95 1.73 0.00	36.65 1.43 0.00
PORT_JEFF_3 23555	35.09 2.58 -1.32	36.65 2.47 0.00	32.09 2.05 0.00	24.69 1.60 0.00	25.10 1.74 0.00	29.85 2.24 0.00	41.17 2.53 0.00	38.88 2.57 0.00	36.56 2.87 -0.33	36.54 1.61 -17.42	33.97 3.09 -0.45	50.87 0.72 -41.74	53.64 0.39 -48.60	37.34 0.56 -31.17	49.51 3.35 -12.87	329.42 3.35 -293.68	270.98 5.77 -203.84	91.64 6.19 -24.60	58.66 3.42 -19.12	60.39 3.70 -18.27	73.31 3.86 -31.46	45.84 3.43 -8.12	39.49 3.25 -0.01	37.99 2.77 0.00
PORT_JEFF_4 23616	35.09 2.58 -1.32	36.65 2.47 0.00	32.09 2.05 0.00	24.69 1.60 0.00	25.10 1.74 0.00	29.85 2.24 0.00	41.17 2.53 0.00	38.88 2.57 0.00	36.56 2.87 -0.33	36.54 1.61 -17.42	33.97 3.09 -0.45	50.87 0.72 -41.74	53.64 0.39 -48.60	37.34 0.56 -31.17	49.51 3.35 -12.87	329.42 3.35 -293.68	270.98 5.77 -203.84	91.64 6.19 -24.60	58.66 3.42 -19.12	60.39 3.70 -18.27	73.31 3.86 -31.46	45.84 3.43 -8.12	39.49 3.25 -0.01	37.99 2.77 0.00
PORT_JEFF_IC 23713	35.19 2.67 -1.32	36.74 2.56 0.00	32.17 2.13 0.00	24.74 1.66 0.00	25.16 1.80 0.00	29.91 2.30 0.00	41.29 2.65 0.00	39.02 2.71 0.00	36.69 3.01 -0.33	36.60 1.67 -17.42	34.07 3.19 -0.45	50.90 0.74 -41.74	53.67 0.41 -48.60	37.37 0.59 -31.17	49.67 3.50 -12.87	358.33 3.53 -322.41	297.12 5.99 -229.76	91.75 6.31 -24.60	60.16 3.49 -20.54	63.35 3.89 -21.02	73.49 4.04 -31.46	46.02 3.57 -8.17	39.59 3.36 -0.01	38.09 2.87 0.00
PPL PILGRIM_ST_GT1 24216	35.22 2.70 -1.32	36.75 2.57 0.00	32.16 2.12 0.00	24.75 1.66 0.00	25.18 1.82 0.00	29.92 2.31 0.00	41.31 2.68 0.00	39.10 2.79 0.00	36.78 3.09 -0.33	36.59 1.67 -17.42	34.00 3.12 -0.45	50.88 0.73 -41.74	53.67 0.42 -48.60	37.33 0.55 -31.17	49.35 3.18 -12.87	139.24 3.37 -103.49	112.43 5.83 -45.23	91.54 6.10 -24.59	51.37 3.40 -11.85	46.23 3.66 -4.15	73.48 4.03 -31.46	45.61 3.49 -7.83	39.49 3.26 0.00	38.05 2.82 0.00
PPL PILGRIM_ST_GT2 24217	35.22 2.70 -1.32	36.75 2.57 0.00	32.16 2.12 0.00	24.75 1.66 0.00	25.18 1.82 0.00	29.92 2.31 0.00	41.31 2.68 0.00	39.10 2.79 0.00	36.78 3.09 -0.33	36.59 1.67 -17.42	34.00 3.12 -0.45	50.88 0.73 -41.74	53.67 0.42 -48.60	37.33 0.55 -31.17	49.35 3.18 -12.87	139.24 3.37 -103.49	112.43 5.83 -45.23	91.54 6.10 -24.59	51.37 3.40 -11.85	46.23 3.66 -4.15	73.48 4.03 -31.46	45.61 3.49 -7.83	39.49 3.26 0.00	38.05 2.82 0.00
PPL_SHRM_GT3 24213	35.59 3.08 -1.32	37.15 2.98 0.00	32.56 2.52 0.00	25.02 1.94 0.00	25.43 2.07 0.00	30.29 2.68 0.00	41.84 3.20 0.00	39.58 3.27 0.00	37.22 3.53 -0.33	36.87 1.94 -17.42	34.54 3.65 -0.45	51.02 0.87 -41.74	53.73 0.48 -48.60	37.44 0.66 -31.17	50.10 3.93 -12.87	333.05 3.85 -296.81	275.24 6.95 -206.92	93.04 7.60 -24.60	59.76 4.33 -19.31	61.50 4.43 -18.64	74.04 4.59 -31.46	46.43 4.02 -8.12	40.04 3.80 -0.01	38.46 3.24 0.00
PPL_SHRM_GT4 24214	35.59 3.08 -1.32	37.15 2.98 0.00	32.56 2.52 0.00	25.02 1.94 0.00	25.43 2.07 0.00	30.29 2.68 0.00	41.84 3.20 0.00	39.58 3.27 0.00	37.22 3.53 -0.33	36.87 1.94 -17.42	34.54 3.65 -0.45	51.02 0.87 -41.74	53.73 0.48 -48.60	37.44 0.66 -31.17	50.10 3.93 -12.87	333.05 3.85 -296.81	275.24 6.95 -206.92	93.04 7.60 -24.60	59.76 4.33 -19.31	61.50 4.43 -18.64	74.04 4.59 -31.46	46.43 4.02 -8.12	40.04 3.80 -0.01	38.46 3.24 0.00
PROJECT___ORANGE 1 24174	30.97 -0.23 0.00	33.87 -0.31 0.00	29.74 -0.31 0.00	22.81 -0.28 0.00	23.11 -0.25 0.00	27.37 -0.24 0.00	38.40 -0.24 0.00	36.12 -0.19 0.00	33.13 -0.25 -0.02	18.29 -0.15 -0.93	30.22 -0.23 -0.02	10.59 -0.07 -2.25	7.24 -0.03 -2.62	7.17 -0.04 -1.61	33.02 -0.28 0.00	32.17 -0.22 0.00	60.93 -0.45 -0.01	61.73 -0.44 -1.33	36.35 -0.27 -0.49	38.14 -0.31 -0.03	37.74 -0.25 0.00	34.09 -0.20 0.00	36.04 -0.19 0.00	34.91 -0.31 0.00
PROJECT___ORANGE 2 24166	30.97 -0.23 0.00	33.87 -0.31 0.00	29.74 -0.31 0.00	22.81 -0.28 0.00	23.11 -0.25 0.00	27.37 -0.24 0.00	38.40 -0.24 0.00	36.12 -0.19 0.00	33.13 -0.25 -0.02	18.29 -0.15 -0.93	30.22 -0.23 -0.02	10.59 -0.07 -2.25	7.24 -0.03 -2.62	7.17 -0.04 -1.61	33.02 -0.28 0.00	32.17 -0.22 0.00	60.93 -0.45 -0.01	61.73 -0.44 -1.33	36.35 -0.27 -0.49	38.14 -0.31 -0.03	37.74 -0.25 0.00	34.09 -0.20 0.00	36.04 -0.19 0.00	34.91 -0.31 0.00

PUCKETT___SOLAR 323809	31.63	34.57	30.33	23.28	23.64	28.01	39.38	37.06	33.99	20.71	30.87	15.61	13.01	10.76	33.81	33.07	62.82	66.32	38.43	39.35	38.93	35.13	36.95	35.68
	0.44	0.39	0.28	0.20	0.28	0.40	0.74	0.75	0.57	0.21	0.37	0.09	0.06	0.07	0.52	0.69	1.43	1.28	0.74	0.84	0.94	0.85	0.72	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-2.99	-0.08	-7.11	-8.30	-5.08	0.00	0.00	-0.02	-4.19	-1.56	-0.09	0.00	0.00	0.00	0.00
PYRITES___HYD 24023	31.28	34.56	30.45	23.37	23.71	27.90	39.02	36.60	33.54	17.47	30.53	8.42	4.64	5.58	33.06	32.11	60.88	60.15	36.08	38.50	38.06	34.20	36.28	35.43
	0.09	0.38	0.40	0.29	0.36	0.29	0.38	0.29	0.18	-0.03	0.10	0.00	-0.01	-0.03	-0.24	-0.27	-0.49	-0.70	-0.05	0.08	0.06	-0.08	0.05	0.21
	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
QUAKERRD_115KV_BK1 80622	30.30	33.19	29.15	22.31	22.56	26.70	37.36	35.10	32.05	17.89	29.32	10.86	7.70	7.39	32.11	31.30	59.05	60.04	35.22	36.83	36.53	33.14	35.12	33.95
	-0.90	-0.99	-0.89	-0.77	-0.80	-0.91	-1.28	-1.21	-1.33	-0.75	-1.13	-0.33	-0.16	-0.20	-1.19	-1.09	-2.33	-2.45	-1.52	-1.63	-1.46	-1.15	-1.11	-1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.13	-0.03	-2.78	-3.21	-1.99	0.00	0.00	-0.01	-1.64	-0.61	-0.04	0.00	0.00	0.00	0.00
QUEENSBRY_115KV_TB8 356137	33.42	35.94	31.55	24.32	24.62	29.36	41.23	38.58	35.91	41.54	33.03	71.61	77.83	45.18	35.11	33.91	64.61	96.87	50.43	41.35	39.96	36.05	37.84	36.95
	1.80	1.75	1.50	1.23	1.26	1.75	2.60	2.27	2.12	1.11	2.01	0.59	0.31	0.34	1.78	1.53	3.06	3.65	2.24	2.23	1.97	1.76	1.61	1.73
	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-22.93	-0.60	-62.61	-72.87	-39.23	-0.04	0.00	-0.18	-32.37	-12.07	-0.69	0.00	0.00	0.00	0.00
RAMAPO___LBMP 323565	30.96	35.19	30.92	23.79	24.14	28.64	40.16	37.99	35.33	34.72	32.39	47.84	50.32	33.79	35.20	34.39	65.46	88.10	46.98	41.19	40.22	36.11	37.78	36.51
	1.27	1.01	0.87	0.70	0.78	1.02	1.53	1.68	1.66	0.92	1.54	0.41	0.23	0.32	1.88	2.01	3.97	4.26	2.28	2.27	2.22	1.83	1.56	1.29
	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-16.29	-0.43	-39.02	-45.43	-27.86	-0.03	0.00	-0.13	-22.99	-8.57	-0.49	0.00	0.00	0.00	0.00
RANKINE____ 23646	30.94	33.96	29.85	22.78	23.02	27.21	37.94	35.53	32.30	18.26	29.60	11.76	8.70	8.05	32.53	31.74	59.58	60.54	35.34	36.76	36.66	33.49	35.63	34.41
	-0.26	-0.22	-0.20	-0.30	-0.33	-0.40	-0.70	-0.78	-1.09	-0.69	-0.86	-0.28	-0.12	-0.15	-0.77	-0.65	-1.80	-2.45	-1.58	-1.71	-1.33	-0.79	-0.60	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-1.45	-0.04	-3.63	-4.17	-2.59	0.00	0.00	-0.01	-2.14	-0.80	-0.05	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	34.29	35.71	31.34	24.11	24.46	29.03	40.67	38.47	35.85	36.10	32.87	50.66	53.52	35.79	35.64	34.82	66.17	90.33	48.01	41.68	40.73	36.63	38.28	36.97
	1.76	1.53	1.29	1.02	1.11	1.41	2.03	2.16	2.16	1.18	1.99	0.52	0.29	0.40	2.31	2.44	4.66	4.89	2.71	2.73	2.74	2.35	2.05	1.75
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2 24245	34.29	35.71	31.34	24.11	24.46	29.03	40.67	38.47	35.85	36.10	32.87	50.66	53.52	35.79	35.64	34.82	66.17	90.33	48.01	41.68	40.73	36.63	38.28	36.97
	1.76	1.53	1.29	1.02	1.11	1.41	2.03	2.16	2.16	1.18	1.99	0.52	0.29	0.40	2.31	2.44	4.66	4.89	2.71	2.73	2.74	2.35	2.05	1.75
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3 24246	34.30	35.73	31.36	24.12	24.48	29.04	40.69	38.49	35.87	36.11	32.90	50.67	53.52	35.80	35.66	34.85	66.22	90.37	48.03	41.71	40.76	36.66	38.30	36.99
	1.78	1.55	1.31	1.04	1.13	1.43	2.05	2.19	2.18	1.19	2.02	0.53	0.29	0.40	2.34	2.46	4.71	4.94	2.74	2.75	2.77	2.37	2.08	1.77
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4 24247	34.30	35.73	31.36	24.12	24.48	29.04	40.69	38.49	35.87	36.11	32.90	50.67	53.52	35.80	35.66	34.85	66.22	90.37	48.03	41.71	40.76	36.66	38.30	36.99
	1.78	1.55	1.31	1.04	1.13	1.43	2.05	2.19	2.18	1.19	2.02	0.53	0.29	0.40	2.34	2.46	4.71	4.94	2.74	2.75	2.77	2.37	2.08	1.77
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1 24248	34.29	35.71	31.34	24.11	24.46	29.03	40.67	38.47	35.85	36.10	32.87	50.66	53.52	35.79	35.64	34.82	66.17	90.33	48.01	41.68	40.73	36.63	38.28	36.97
	1.76	1.53	1.29	1.02	1.11	1.41	2.03	2.16	2.16	1.18	2.00	0.52	0.29	0.40	2.32	2.44	4.67	4.89	2.71	2.73	2.74	2.35	2.05	1.75
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2 24249	34.29	35.71	31.34	24.11	24.46	29.03	40.67	38.47	35.85	36.10	32.87	50.66	53.52	35.79	35.64	34.82	66.17	90.33	48.01	41.68	40.73	36.63	38.28	36.97
	1.76	1.53	1.29	1.02	1.11	1.41	2.03	2.16	2.16	1.18	2.00	0.52	0.29	0.40	2.32	2.44	4.67	4.89	2.71	2.73	2.74	2.35	2.05	1.75
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3 24250	34.35	35.77	31.39	24.15	24.51	29.08	40.75	38.56	35.91	36.14	32.94	50.68	53.53	35.81	35.72	34.91	66.33	90.48	48.08	41.77	40.82	36.71	38.36	37.04
	1.83	1.60	1.35	1.06	1.15	1.46	2.11	2.25	2.22	1.22	2.06	0.54	0.30	0.41	2.39	2.53	4.83	5.04	2.79	2.82	2.83	2.42	2.13	1.81
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4 24251	34.35	35.77	31.39	24.15	24.51	29.08	40.75	38.56	35.91	36.14	32.94	50.68	53.53	35.81	35.72	34.91	66.33	90.48	48.08	41.77	40.82	36.71	38.36	37.04
	1.83	1.60	1.35	1.06	1.15	1.46	2.11	2.25	2.22	1.22	2.06	0.54	0.30	0.41	2.39	2.53	4.83	5.04	2.79	2.82	2.83	2.42	2.13	1.81
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	0.00	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1 23729	34.36	35.78	31.41	24.16	24.52	29.11	40.75	38.58	35.95	36.17	33.01	50.70	53.54	35.82	35.78	35.04	66.39	90.51	48.10	41.77	40.83	36.74	38.38	37.06
	1.83	1.60	1.37	1.08	1.17	1.50	2.12	2.27	2.26	1.24	2.13	0.56	0.31	0.42	2.46	2.60	4.88	5.08	2.80	2.82	2.84	2.46	2.15	1.84
	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-17.42	-0.45	-41.72	-48.57	-29.79	-0.03	-0.05	-0.13	-24.58	-9.17	-0.53	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_10 24258	34.29 1.76 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.02 0.00	24.46 1.11 0.00	29.03 1.41 0.00	40.67 2.03 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 -0.01	66.17 4.66 -0.13	90.33 4.89 -24.58	48.01 2.71 -9.17	41.68 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.05 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_11 24259	34.29 1.77 -1.33	35.71 1.53 0.00	31.33 1.29 0.00	24.11 1.02 0.00	24.47 1.12 0.00	29.03 1.42 0.00	40.67 2.03 0.00	38.47 2.16 0.00	35.84 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.64 2.32 -0.03	34.83 2.44 -0.01	66.17 4.66 -0.13	90.33 4.90 -24.58	48.01 2.71 -9.17	41.68 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.05 0.00	36.96 1.74 0.00
RAVENSWOOD_GT_4 24252	34.29 1.77 -1.33	35.71 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.47 1.11 0.00	29.03 1.41 0.00	40.67 2.04 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.30 -0.03	34.85 2.43 -0.04	66.17 4.66 -0.13	90.31 4.88 -24.58	48.01 2.71 -9.17	41.69 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.06 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_5 24254	34.29 1.77 -1.33	35.71 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.47 1.11 0.00	29.03 1.41 0.00	40.67 2.04 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.30 -0.03	34.85 2.43 -0.04	66.17 4.66 -0.13	90.31 4.88 -24.58	48.01 2.71 -9.17	41.69 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.06 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_6 24253	34.29 1.77 -1.33	35.71 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.47 1.11 0.00	29.03 1.41 0.00	40.67 2.04 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.30 -0.03	34.85 2.43 -0.04	66.17 4.66 -0.13	90.31 4.88 -24.58	48.01 2.71 -9.17	41.69 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.06 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_7 24255	34.29 1.77 -1.33	35.71 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.47 1.11 0.00	29.03 1.41 0.00	40.67 2.04 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.65 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.30 -0.03	34.85 2.43 -0.04	66.17 4.66 -0.13	90.31 4.88 -24.58	48.01 2.71 -9.17	41.69 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.06 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.29 1.76 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.02 0.00	24.46 1.11 0.00	29.03 1.41 0.00	40.67 2.03 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 -0.01	66.17 4.66 -0.13	90.33 4.89 -24.58	48.01 2.71 -9.17	41.68 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.05 0.00	36.97 1.75 0.00
RAVENSWOOD_GT_9 24257	34.29 1.76 -1.33	35.71 1.53 0.00	31.34 1.29 0.00	24.11 1.02 0.00	24.46 1.11 0.00	29.03 1.41 0.00	40.67 2.03 0.00	38.47 2.16 0.00	35.85 2.16 -0.33	36.10 1.18 -17.42	32.87 1.99 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.63 2.31 -0.03	34.83 2.44 -0.01	66.17 4.66 -0.13	90.33 4.89 -24.58	48.01 2.71 -9.17	41.68 2.73 -0.53	40.73 2.74 0.00	36.63 2.34 0.00	38.28 2.05 0.00	36.97 1.75 0.00
RAVENSWOOD___1 23533	34.32 1.80 -1.33	35.72 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.67 2.03 0.00	38.50 2.20 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.88 2.54 0.05	66.27 4.77 -0.13	90.42 4.99 -24.58	48.04 2.75 -9.17	41.72 2.77 -0.53	40.78 2.79 0.00	36.68 2.40 0.00	38.31 2.08 0.00	37.00 1.78 0.00
RAVENSWOOD___2 23534	34.28 1.76 -1.33	35.72 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.67 2.03 0.00	38.50 2.20 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.88 2.54 0.05	66.27 4.77 -0.13	90.42 4.99 -24.58	48.04 2.75 -9.17	41.72 2.77 -0.53	40.78 2.79 0.00	36.68 2.40 0.00	38.31 2.08 0.00	37.00 1.78 0.00
RAVENSWOOD___3 23535	34.29 1.77 -1.33	35.72 1.54 0.00	31.34 1.29 0.00	24.11 1.03 0.00	24.47 1.12 0.00	29.04 1.42 0.00	40.67 2.03 0.00	38.48 2.17 0.00	35.84 2.16 -0.33	36.11 1.19 -17.42	32.88 2.00 -0.45	50.66 0.52 -41.72	53.52 0.29 -48.57	35.79 0.40 -29.79	35.65 2.33 -0.03	34.83 2.44 0.00	66.18 4.68 -0.13	90.33 4.90 -24.58	48.01 2.71 -9.17	41.69 2.74 -0.53	40.73 2.74 0.00	36.64 2.35 0.00	38.28 2.06 0.00	36.97 1.75 0.00
RAVENSWOOD___4 23820	34.30 1.77 -1.33	35.72 1.54 0.00	31.34 1.30 0.00	24.11 1.03 0.00	24.48 1.12 0.00	29.06 1.44 0.00	40.67 2.03 0.00	38.50 2.20 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.39 -0.03	34.88 2.54 0.05	66.27 4.77 -0.13	90.42 4.99 -24.58	48.04 2.75 -9.17	41.72 2.77 -0.53	40.78 2.79 0.00	36.68 2.40 0.00	38.31 2.08 0.00	37.00 1.78 0.00
RCPL_TRUST___DRP 24196	34.34 1.82 -1.33	35.75 1.57 0.00	31.36 1.32 0.00	24.12 1.04 0.00	24.48 1.13 0.00	29.05 1.43 0.00	40.72 2.08 0.00	38.53 2.22 0.00	35.89 2.21 -0.33	36.13 1.21 -17.42	32.94 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.72 2.39 -0.03	34.90 2.52 0.00	66.38 4.88 -0.13	90.48 5.04 -24.58	48.06 2.77 -9.17	41.72 2.77 -0.53	40.76 2.76 0.00	36.64 2.36 0.00	38.29 2.06 0.00	36.97 1.75 0.00
RED___ROCHESTER 323720	31.26 0.06 0.00	34.27 0.09 0.00	30.11 0.06 0.00	22.99 -0.09 0.00	23.21 -0.15 0.00	27.49 -0.12 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.29 -0.03	11.17 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.80 -0.58 -0.01	61.72 -0.81 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.14 -0.15 0.00	36.20 -0.02 0.00	34.97 -0.26 0.00
REGAN___SOLAR 323812	34.54 2.94 -0.41	37.44 3.26 0.00	32.82 2.77 0.00	25.16 2.07 0.00	25.60 2.25 0.00	30.24 2.62 0.00	42.60 3.96 0.00	40.19 3.88 0.00	37.26 3.47 -0.43	42.22 1.66 -23.05	33.79 2.77 -0.60	63.94 0.69 -54.83	68.73 0.23 -63.85	45.37 0.34 -39.43	34.95 1.62 -0.04	33.56 1.17 0.00	62.84 1.30 -0.18	98.08 4.69 -32.54	51.20 2.93 -12.13	42.65 3.53 -0.69	41.39 3.40 0.00	37.43 3.14 0.00	39.67 3.44 0.00	38.59 3.37 0.00

RENSSELAER___COGEN 23796	32.34 0.72 -0.42	34.77 0.59 0.00	30.52 0.48 0.00	23.53 0.44 0.00	23.83 0.47 0.00	28.27 0.65 0.00	39.52 0.88 0.00	37.09 0.79 0.00	34.64 0.85 -0.42	40.59 0.47 -22.62	31.83 0.82 -0.59	50.18 0.23 -41.54	53.22 0.11 -48.45	44.42 0.13 -38.68	34.11 0.78 -0.04	33.15 0.76 0.00	63.09 1.54 -0.17	94.52 1.74 -31.92	48.98 0.95 -11.90	40.17 1.07 -0.68	38.93 0.94 0.00	35.06 0.78 0.00	36.86 0.63 0.00	35.76 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.66 3.05 -0.41	37.05 2.87 0.00	32.42 2.37 0.00	25.09 2.00 0.00	25.47 2.11 0.00	30.50 2.88 0.00	43.01 4.38 0.00	39.76 3.46 0.00	36.88 3.09 -0.43	42.03 1.61 -22.92	34.04 3.02 -0.60	72.35 0.90 -63.04	78.54 0.51 -73.37	45.42 0.59 -39.22	36.46 3.13 -0.04	35.22 2.84 0.00	67.11 5.56 -0.18	99.98 6.78 -32.36	52.32 4.13 -12.07	43.02 3.90 -0.69	41.22 3.23 0.00	36.95 2.67 0.00	38.84 2.61 0.00	38.00 2.77 0.00
REVERE_CPPR_DRP 24186	32.23 1.03 0.00	35.19 1.01 0.00	30.85 0.80 0.00	23.71 0.62 0.00	24.15 0.80 0.00	28.58 0.96 0.00	40.16 1.52 0.00	37.81 1.50 0.00	34.71 1.34 -0.01	18.71 0.69 -0.52	31.47 1.03 -0.01	9.92 0.25 -1.25	6.23 0.11 -1.46	6.63 0.13 -0.89	34.01 0.71 0.00	33.12 0.74 0.00	62.79 1.41 0.00	63.38 1.79 -0.74	37.74 1.34 -0.27	39.97 1.53 -0.02	39.39 1.40 0.00	35.42 1.13 0.00	37.35 1.13 0.00	36.18 0.96 0.00
REYNOLDS_115KV_TB3 80639	32.60 0.97 -0.43	35.06 0.88 0.00	30.78 0.73 0.00	23.72 0.64 0.00	24.01 0.65 0.00	28.52 0.90 0.00	39.83 1.20 0.00	37.35 1.05 0.00	34.88 1.10 -0.42	40.78 0.59 -22.68	32.05 1.03 -0.59	46.86 0.29 -38.16	49.33 0.15 -44.53	44.57 0.17 -38.79	34.32 0.99 -0.04	33.35 0.96 0.00	63.49 1.95 -0.17	95.04 2.18 -32.02	49.26 1.19 -11.94	40.42 1.32 -0.68	39.16 1.17 0.00	35.27 0.99 0.00	37.09 0.86 0.00	36.01 0.79 0.00
RIVERBAY____ 323610	34.40 1.88 -1.33	35.84 1.67 0.00	31.48 1.44 0.00	24.25 1.17 0.00	24.68 1.32 0.00	29.22 1.61 0.00	40.86 2.22 0.00	38.62 2.31 0.00	35.94 2.26 -0.33	36.14 1.22 -17.42	32.95 2.07 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.74 2.42 -0.03	34.98 2.60 0.00	66.35 4.85 -0.13	90.61 5.18 -24.58	48.13 2.83 -9.17	41.79 2.84 -0.53	40.90 2.91 0.00	36.77 2.48 0.00	38.43 2.20 0.00	37.16 1.94 0.00
RIVERSDE_115KV_TB3 55908	32.49 0.87 -0.43	34.94 0.76 0.00	30.68 0.63 0.00	23.64 0.55 0.00	23.93 0.57 0.00	28.41 0.79 0.00	39.72 1.08 0.00	37.26 0.95 0.00	34.80 1.02 -0.42	40.75 0.56 -22.69	31.99 0.97 -0.59	49.24 0.27 -40.56	52.10 0.14 -47.31	44.57 0.16 -38.80	34.26 0.93 -0.04	33.30 0.91 0.00	63.39 1.85 -0.17	94.94 2.06 -32.03	49.19 1.13 -11.94	40.35 1.25 -0.68	39.09 1.10 0.00	35.20 0.92 0.00	37.00 0.78 0.00	35.92 0.69 0.00
ROARING___BROOK_WT_PWR 323790	31.26 0.06 0.00	34.11 -0.07 0.00	29.84 -0.20 0.00	22.84 -0.25 0.00	23.19 -0.16 0.00	27.61 0.00 0.00	38.76 0.12 0.00	36.43 0.12 0.00	33.49 0.13 0.00	17.56 0.06 0.00	30.50 0.07 0.00	8.38 -0.04 0.00	4.58 -0.07 0.00	5.45 -0.15 0.00	32.47 -0.83 0.00	31.74 -0.64 0.00	60.12 -1.25 0.00	60.06 -0.79 0.00	35.80 -0.32 0.00	38.38 -0.04 0.00	37.83 -0.16 0.00	34.01 -0.28 0.00	36.00 -0.23 0.00	35.19 -0.03 0.00
ROCHESRG_115KV_T4 355643	30.94 -0.26 0.00	33.90 -0.27 0.00	29.80 -0.25 0.00	22.77 -0.31 0.00	23.00 -0.35 0.00	27.22 -0.39 0.00	38.05 -0.58 0.00	35.74 -0.57 0.00	32.61 -0.78 -0.02	18.17 -0.48 -1.15	29.83 -0.63 -0.03	11.05 -0.19 -2.83	7.84 -0.08 -3.27	7.52 -0.11 -2.02	32.68 -0.61 0.00	31.87 -0.52 0.00	60.05 -1.33 -0.01	60.96 -1.56 -1.67	35.74 -1.01 -0.62	37.38 -1.08 -0.04	37.13 -0.86 0.00	33.73 -0.55 0.00	35.80 -0.42 0.00	34.60 -0.62 0.00
ROCHESTER_9_IC 23652	31.12 -0.07 0.00	34.11 -0.07 0.00	29.96 -0.08 0.00	22.90 -0.18 0.00	23.13 -0.23 0.00	27.38 -0.24 0.00	38.29 -0.35 0.00	35.97 -0.34 0.00	32.81 -0.57 -0.02	18.27 -0.38 -1.15	30.02 -0.43 -0.03	11.12 -0.14 -2.85	7.89 -0.05 -3.28	7.57 -0.07 -2.04	32.89 -0.41 0.00	32.08 -0.31 0.00	60.46 -0.92 -0.01	61.38 -1.16 -1.68	35.98 -0.77 -0.63	37.63 -0.83 -0.04	37.38 -0.61 0.00	33.94 -0.34 0.00	36.02 -0.20 0.00	34.80 -0.42 0.00
ROCKVIEW_13_KV_LD 356306	34.29 1.77 -1.33	35.74 1.56 0.00	31.37 1.33 0.00	24.14 1.05 0.00	24.48 1.13 0.00	29.05 1.44 0.00	40.73 2.09 0.00	38.52 2.21 0.00	35.88 2.19 -0.33	36.13 1.21 -17.42	32.94 2.06 -0.45	50.68 0.54 -41.73	53.53 0.31 -48.57	35.81 0.41 -29.79	35.73 2.41 -0.03	34.88 2.50 0.00	66.35 4.84 -0.13	90.53 5.09 -24.58	48.10 2.80 -9.17	41.78 2.83 -0.53	40.80 2.81 0.00	36.68 2.39 0.00	38.35 2.12 0.00	37.02 1.80 0.00
ROME_____115KV_TB2 80656	32.23 1.03 0.00	35.19 1.01 0.00	30.85 0.80 0.00	23.71 0.62 0.00	24.15 0.80 0.00	28.58 0.96 0.00	40.16 1.52 0.00	37.81 1.50 0.00	34.71 1.34 -0.01	18.71 0.69 -0.52	31.47 1.03 -0.01	9.92 0.25 -1.25	6.23 0.11 -1.46	6.63 0.13 -0.89	34.01 0.71 0.00	33.12 0.74 0.00	62.79 1.41 0.00	63.38 1.79 -0.74	37.74 1.34 -0.27	39.97 1.53 -0.02	39.39 1.40 0.00	35.42 1.13 0.00	37.35 1.13 0.00	36.18 0.96 0.00
ROSETON___1 23587	32.70 1.28 -0.22	35.25 1.07 0.00	30.95 0.91 0.00	23.84 0.75 0.00	24.19 0.83 0.00	28.66 1.05 0.00	40.17 1.53 0.00	37.95 1.64 0.00	35.32 1.63 -0.33	35.84 0.90 -17.44	32.39 1.51 -0.46	50.60 0.40 -41.78	53.52 0.22 -48.64	35.74 0.30 -29.83	35.09 1.77 -0.03	34.22 1.83 0.00	65.08 3.57 -0.13	89.31 3.84 -24.62	47.42 2.11 -9.18	41.09 2.14 -0.53	40.08 2.09 0.00	36.04 1.76 0.00	37.76 1.54 0.00	36.50 1.28 0.00
ROSETON___2 23588	32.70 1.28 -0.22	35.25 1.07 0.00	30.95 0.91 0.00	23.84 0.75 0.00	24.19 0.83 0.00	28.66 1.05 0.00	40.17 1.53 0.00	37.95 1.64 0.00	35.32 1.63 -0.33	35.84 0.90 -17.44	32.39 1.51 -0.46	50.60 0.40 -41.78	53.52 0.22 -48.64	35.74 0.30 -29.83	35.09 1.77 -0.03	34.22 1.83 0.00	65.08 3.57 -0.13	89.31 3.84 -24.62	47.42 2.11 -9.18	41.09 2.14 -0.53	40.08 2.09 0.00	36.04 1.76 0.00	37.76 1.54 0.00	36.50 1.28 0.00
ROTTDRAM_115KV_TB3 80664	32.78 1.18 -0.41	35.30 1.12 0.00	31.00 0.95 0.00	23.86 0.78 0.00	24.18 0.83 0.00	28.66 1.05 0.00	40.14 1.50 0.00	37.74 1.43 0.00	35.18 1.39 -0.43	41.29 0.73 -23.05	32.29 1.27 -0.60	63.60 0.36 -54.83	68.69 0.19 -63.85	45.25 0.22 -39.43	34.60 1.27 -0.04	33.61 1.22 0.00	63.89 2.34 -0.18	95.90 2.52 -32.54	49.78 1.52 -12.13	40.79 1.67 -0.69	39.56 1.57 0.00	35.65 1.37 0.00	37.50 1.27 0.00	36.39 1.17 0.00
RUSSELL___1 23602	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00

RUSSELL___2 23532	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00
RUSSELL___3 23549	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00
RUSSELL___4 23556	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00
RUSSELL___STATION 23914	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00
S SALMON___HYD 24043	31.55 0.35 0.00	34.45 0.27 0.00	30.18 0.13 0.00	23.11 0.02 0.00	23.49 0.14 0.00	27.90 0.29 0.00	39.26 0.62 0.00	36.93 0.63 0.00	33.85 0.48 -0.02	18.45 0.16 -0.78	30.63 0.19 -0.02	10.31 0.00 -1.89	6.80 -0.05 -2.20	6.89 -0.07 -1.35	32.84 -0.45 0.00	31.90 -0.49 0.00	60.51 -0.87 -0.01	61.68 -0.28 -1.11	36.58 0.04 -0.42	38.78 0.33 -0.02	38.19 0.20 0.00	34.48 0.20 0.00	36.58 0.36 0.00	35.49 0.27 0.00
S.PERRY___115KV_TB1 80734	31.98 0.79 0.00	35.00 0.82 0.00	30.76 0.71 0.00	23.50 0.42 0.00	23.82 0.47 0.00	28.25 0.64 0.00	39.62 0.98 0.00	37.23 0.92 0.00	33.91 0.52 -0.03	18.91 -0.07 -1.47	30.37 -0.09 -0.04	12.20 -0.06 -3.84	8.97 -0.04 -4.35	8.30 -0.05 -2.74	33.05 -0.24 0.00	32.27 -0.12 0.00	60.87 -0.51 -0.01	62.26 -0.85 -2.26	36.82 -0.15 -0.84	38.68 0.21 -0.05	38.50 0.51 0.00	35.05 0.77 0.00	37.14 0.91 0.00	35.83 0.61 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.70 -0.50 0.00	33.70 -0.47 0.00	29.64 -0.41 0.00	22.61 -0.48 0.00	22.83 -0.53 0.00	26.95 -0.66 0.00	37.51 -1.13 0.00	35.12 -1.19 0.00	31.92 -1.46 -0.03	18.02 -0.88 -1.40	29.28 -1.18 -0.04	11.56 -0.37 -3.51	8.52 -0.16 -4.03	7.90 -0.21 -2.50	32.20 -1.10 0.00	31.40 -0.98 0.00	58.87 -2.51 -0.01	59.83 -3.09 -2.07	34.92 -1.98 -0.77	36.34 -2.13 -0.04	36.23 -1.76 0.00	33.14 -1.15 0.00	35.31 -0.92 0.00	34.12 -1.11 0.00
SAWYER___23_KV_LOAD 55526	30.70 -0.50 0.00	33.70 -0.47 0.00	29.64 -0.41 0.00	22.61 -0.48 0.00	22.83 -0.53 0.00	26.95 -0.66 0.00	37.51 -1.13 0.00	35.12 -1.19 0.00	31.92 -1.46 -0.03	18.02 -0.88 -1.40	29.28 -1.18 -0.04	11.56 -0.37 -3.51	8.52 -0.16 -4.03	7.90 -0.21 -2.50	32.20 -1.10 0.00	31.40 -0.98 0.00	58.87 -2.51 -0.01	59.83 -3.09 -2.07	34.92 -1.98 -0.77	36.34 -2.13 -0.04	36.23 -1.76 0.00	33.14 -1.15 0.00	35.31 -0.92 0.00	34.12 -1.11 0.00
SELKIRK___I 23801	32.67 1.08 -0.40	35.17 0.99 0.00	30.87 0.83 0.00	23.79 0.71 0.00	24.10 0.74 0.00	28.56 0.95 0.00	39.94 1.30 0.00	37.48 1.17 0.00	34.97 1.19 -0.42	40.34 0.64 -22.20	32.11 1.10 -0.58	54.37 0.31 -45.65	58.01 0.16 -53.20	43.76 0.19 -37.96	34.42 1.10 -0.04	33.42 1.04 0.00	63.56 2.02 -0.17	94.37 2.19 -31.33	49.06 1.25 -11.68	40.51 1.42 -0.67	39.31 1.31 0.00	35.44 1.15 0.00	37.29 1.06 0.00	36.19 0.96 0.00
SELKIRK___II 23799	32.46 0.85 -0.42	34.91 0.73 0.00	30.65 0.61 0.00	23.62 0.53 0.00	23.92 0.56 0.00	28.36 0.75 0.00	39.67 1.03 0.00	37.25 0.94 0.00	34.77 0.99 -0.42	40.55 0.54 -22.51	31.94 0.93 -0.59	53.89 0.25 -45.22	57.49 0.13 -52.71	44.27 0.16 -38.50	34.25 0.92 -0.04	33.29 0.90 0.00	63.32 1.77 -0.17	94.56 1.94 -31.77	49.06 1.08 -11.85	40.33 1.23 -0.68	39.12 1.13 0.00	35.24 0.96 0.00	37.06 0.83 0.00	35.95 0.73 0.00
SENECA OSWGO___HYD 24041	31.46 0.27 0.00	34.38 0.19 0.00	30.13 0.09 0.00	23.11 0.02 0.00	23.44 0.08 0.00	27.79 0.17 0.00	39.04 0.40 0.00	36.72 0.41 0.00	33.65 0.27 -0.02	18.50 0.11 -0.89	30.64 0.20 -0.02	10.58 0.03 -2.14	7.14 0.01 -2.48	7.14 0.00 -1.53	33.26 -0.03 0.00	32.40 0.01 0.00	61.41 0.04 -0.01	62.38 0.26 -1.26	36.80 0.21 -0.47	38.75 0.31 -0.03	38.29 0.30 0.00	34.56 0.28 0.00	36.56 0.33 0.00	35.41 0.18 0.00
SENECA___115KV_TB3 355854	30.99 -0.21 0.00	34.01 -0.17 0.00	29.89 -0.15 0.00	22.81 -0.27 0.00	23.06 -0.30 0.00	27.25 -0.37 0.00	38.00 -0.64 0.00	35.59 -0.72 0.00	32.35 -1.03 -0.03	18.29 -0.67 -1.45	29.66 -0.80 -0.04	11.78 -0.27 -3.63	8.71 -0.11 -4.17	8.06 -0.14 -2.59	32.58 -0.71 0.00	31.80 -0.59 0.00	59.68 -1.70 -0.01	60.64 -2.36 -2.14	35.40 -1.53 -0.80	36.82 -1.65 -0.05	36.71 -1.28 0.00	33.55 -0.74 0.00	35.68 -0.55 0.00	34.46 -0.77 0.00
SENECA___ENERGY 23797	31.03 -0.16 0.00	33.86 -0.32 0.00	29.79 -0.26 0.00	22.84 -0.25 0.00	23.10 -0.26 0.00	27.39 -0.22 0.00	38.46 -0.18 0.00	36.15 -0.16 0.00	33.08 -0.30 -0.02	18.53 -0.21 -1.24	30.16 -0.30 -0.03	11.31 -0.12 -3.02	8.10 -0.06 -3.50	7.69 -0.08 -2.16	32.89 -0.40 0.00	32.05 -0.34 0.00	60.59 -0.79 -0.01	61.85 -0.78 -1.78	36.35 -0.43 -0.66	38.00 -0.46 -0.04	37.65 -0.34 0.00	34.09 -0.20 0.00	35.98 -0.25 0.00	34.82 -0.41 0.00
SHOEMAKER___GT 23640	31.42 1.12 0.89	35.12 0.94 0.00	30.88 0.84 0.00	23.74 0.66 0.00	24.08 0.72 0.00	28.53 0.92 0.00	39.99 1.36 0.00	37.81 1.50 0.00	35.10 1.46 -0.28	33.19 0.80 -14.89	32.10 1.29 -0.39	44.41 0.34 -35.65	46.36 0.19 -41.51	31.33 0.26 -25.46	34.82 1.50 -0.02	33.97 1.58 0.00	64.63 3.15 -0.11	85.27 3.41 -21.01	45.85 1.89 -7.83	40.79 1.91 -0.45	39.88 1.89 0.00	35.86 1.57 0.00	37.60 1.37 0.00	36.36 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	31.44 1.09 0.85	35.09 0.91 0.00	30.85 0.80 0.00	23.72 0.64 0.00	24.05 0.70 0.00	28.50 0.89 0.00	39.97 1.33 0.00	37.78 1.47 0.00	35.08 1.44 -0.27	33.00 0.79 -14.70	32.08 1.28 -0.38	43.97 0.34 -35.22	45.84 0.19 -41.00	31.01 0.26 -25.15	34.82 1.51 -0.02	33.97 1.59 0.00	64.65 3.17 -0.11	85.01 3.41 -20.75	45.75 1.88 -7.74	40.76 1.89 -0.45	39.86 1.87 0.00	35.84 1.56 0.00	37.57 1.34 0.00	36.34 1.11 0.00

SHOREHAM_IC_1 23715	35.59 3.08 -1.32	37.15 2.98 0.00	32.56 2.52 0.00	25.02 1.94 0.00	25.43 2.07 0.00	30.29 2.68 0.00	41.84 3.20 0.00	39.58 3.27 0.00	37.22 3.53 -0.33	36.87 1.94 -17.42	34.54 3.65 -0.45	51.02 0.87 -41.74	53.73 0.48 -48.60	37.44 0.66 -31.17	50.10 3.93 -12.87	333.05 3.85 -296.81	275.24 6.95 -206.92	93.04 7.60 -24.60	59.76 4.33 -19.31	61.50 4.43 -18.64	74.04 4.59 -31.46	46.43 4.02 -8.12	40.04 3.80 -0.01	38.46 3.24 0.00
SHOREHAM_IC_2 23716	35.59 3.08 -1.32	37.15 2.98 0.00	32.56 2.52 0.00	25.02 1.94 0.00	25.43 2.07 0.00	30.29 2.68 0.00	41.84 3.20 0.00	39.58 3.27 0.00	37.22 3.53 -0.33	36.87 1.94 -17.42	34.54 3.65 -0.45	51.02 0.87 -41.74	53.73 0.48 -48.60	37.44 0.66 -31.17	50.10 3.93 -12.87	333.05 3.85 -296.81	275.24 6.95 -206.92	93.04 7.60 -24.60	59.76 4.33 -19.31	61.50 4.43 -18.64	74.04 4.59 -31.46	46.43 4.02 -8.12	40.04 3.80 -0.01	38.46 3.24 0.00
SISSONVILLE____ 23735	30.82 -0.38 0.00	34.05 -0.13 0.00	29.96 -0.08 0.00	23.00 -0.08 0.00	23.28 -0.07 0.00	27.44 -0.17 0.00	38.33 -0.30 0.00	35.96 -0.35 0.00	32.98 -0.38 0.00	17.24 -0.27 0.00	30.03 -0.39 0.00	8.30 -0.11 0.00	4.57 -0.08 0.00	5.50 -0.11 0.00	32.59 -0.70 0.00	31.65 -0.74 0.00	60.02 -1.35 0.00	59.42 -1.43 0.00	35.51 -0.61 0.00	37.88 -0.54 0.00	37.38 -0.61 0.00	33.63 -0.65 0.00	35.68 -0.55 0.00	34.88 -0.34 0.00
SITHE_IND_GS1 24169	30.36 -0.84 0.00	33.24 -0.94 0.00	29.20 -0.84 0.00	22.41 -0.68 0.00	22.68 -0.68 0.00	26.85 -0.77 0.00	37.61 -1.03 0.00	35.36 -0.95 0.00	32.44 -0.93 -0.01	17.69 -0.50 -0.68	29.59 -0.86 -0.02	9.83 -0.23 -1.65	6.44 -0.13 -1.91	6.63 -0.16 -1.18	32.34 -0.95 0.00	31.49 -0.89 0.00	59.65 -1.73 0.00	60.12 -1.70 -0.97	35.46 -1.03 -0.36	37.35 -1.09 -0.02	36.95 -1.05 0.00	33.39 -0.89 0.00	35.36 -0.87 0.00	34.30 -0.92 0.00
SITHE_IND_GS2 24170	30.36 -0.84 0.00	33.24 -0.94 0.00	29.20 -0.84 0.00	22.41 -0.68 0.00	22.68 -0.68 0.00	26.85 -0.77 0.00	37.61 -1.03 0.00	35.36 -0.95 0.00	32.44 -0.93 -0.01	17.69 -0.50 -0.68	29.59 -0.86 -0.02	9.83 -0.23 -1.65	6.44 -0.13 -1.91	6.63 -0.16 -1.18	32.34 -0.95 0.00	31.49 -0.89 0.00	59.65 -1.73 0.00	60.12 -1.70 -0.97	35.46 -1.03 -0.36	37.35 -1.09 -0.02	36.95 -1.05 0.00	33.39 -0.89 0.00	35.36 -0.87 0.00	34.30 -0.92 0.00
SITHE_IND_GS3 24171	30.36 -0.84 0.00	33.24 -0.94 0.00	29.20 -0.84 0.00	22.41 -0.68 0.00	22.68 -0.68 0.00	26.85 -0.77 0.00	37.61 -1.03 0.00	35.36 -0.95 0.00	32.44 -0.93 -0.01	17.69 -0.50 -0.68	29.59 -0.86 -0.02	9.83 -0.23 -1.65	6.44 -0.13 -1.91	6.63 -0.16 -1.18	32.34 -0.95 0.00	31.49 -0.89 0.00	59.65 -1.73 0.00	60.12 -1.70 -0.97	35.46 -1.03 -0.36	37.35 -1.09 -0.02	36.95 -1.05 0.00	33.39 -0.89 0.00	35.36 -0.87 0.00	34.30 -0.92 0.00
SITHE_IND_GS4 24172	30.36 -0.84 0.00	33.24 -0.94 0.00	29.20 -0.84 0.00	22.41 -0.68 0.00	22.68 -0.68 0.00	26.85 -0.77 0.00	37.61 -1.03 0.00	35.36 -0.95 0.00	32.44 -0.93 -0.01	17.69 -0.50 -0.68	29.59 -0.86 -0.02	9.83 -0.23 -1.65	6.44 -0.13 -1.91	6.63 -0.16 -1.18	32.34 -0.95 0.00	31.49 -0.89 0.00	59.65 -1.73 0.00	60.12 -1.70 -0.97	35.46 -1.03 -0.36	37.35 -1.09 -0.02	36.95 -1.05 0.00	33.39 -0.89 0.00	35.36 -0.87 0.00	34.30 -0.92 0.00
SITHE____BATAVIA 24024	31.50 0.31 0.00	34.54 0.36 0.00	30.37 0.32 0.00	23.15 0.07 0.00	23.36 0.00 0.00	27.66 0.05 0.00	38.65 0.02 0.00	36.26 -0.05 0.00	32.98 -0.40 -0.02	18.44 -0.34 -1.28	30.03 -0.43 -0.03	11.44 -0.15 -3.17	8.26 -0.05 -3.65	7.79 -0.08 -2.27	32.87 -0.42 0.00	32.12 -0.27 0.00	60.43 -0.95 -0.01	61.58 -1.14 -1.87	36.02 -0.80 -0.70	37.62 -0.84 -0.04	37.47 -0.52 0.00	34.14 -0.15 0.00	36.28 0.05 0.00	35.08 -0.14 0.00
SITHE____INDEPEND 23800	30.36 -0.84 0.00	33.24 -0.94 0.00	29.20 -0.84 0.00	22.41 -0.67 0.00	22.69 -0.67 0.00	26.85 -0.76 0.00	37.61 -1.03 0.00	35.36 -0.95 0.00	32.44 -0.94 -0.01	17.69 -0.50 -0.68	29.59 -0.85 -0.02	9.83 -0.23 -1.65	6.44 -0.13 -1.91	6.63 -0.16 -1.18	32.34 -0.95 0.00	31.49 -0.89 0.00	59.65 -1.73 0.00	60.12 -1.70 -0.97	35.46 -1.03 -0.36	37.35 -1.09 -0.02	36.95 -1.04 0.00	33.40 -0.89 0.00	35.36 -0.87 0.00	34.29 -0.93 0.00
SITHE____MASSENA 23902	31.02 -0.17 0.00	34.27 0.09 0.00	30.18 0.13 0.00	23.18 0.09 0.00	23.42 0.06 0.00	27.57 -0.04 0.00	38.44 -0.19 0.00	36.04 -0.27 0.00	33.08 -0.28 0.00	17.24 -0.27 0.00	30.18 -0.25 0.00	8.36 -0.05 0.00	4.63 -0.03 0.00	5.56 -0.04 0.00	33.06 -0.23 0.00	32.10 -0.28 0.00	60.82 -0.55 0.00	60.08 -0.77 0.00	35.75 -0.37 0.00	38.04 -0.38 0.00	37.64 -0.35 0.00	33.94 -0.34 0.00	35.99 -0.23 0.00	35.19 -0.03 0.00
SITHE____OGDNSBRG 24021	31.35 0.15 0.00	34.65 0.47 0.00	30.54 0.49 0.00	23.44 0.36 0.00	23.72 0.37 0.00	27.93 0.32 0.00	39.06 0.43 0.00	36.62 0.31 0.00	33.56 0.20 0.00	17.46 -0.04 0.00	30.53 0.11 0.00	8.42 0.01 0.00	4.65 0.00 0.00	5.59 -0.02 0.00	33.14 -0.15 0.00	32.20 -0.19 0.00	61.10 -0.27 0.00	60.28 -0.57 0.00	36.17 0.04 0.00	38.58 0.15 0.00	38.16 0.17 0.00	34.31 0.03 0.00	36.39 0.16 0.00	35.55 0.32 0.00
SITHE____STERLING 23777	31.96 0.77 0.00	34.92 0.74 0.00	30.63 0.58 0.00	23.54 0.45 0.00	23.91 0.55 0.00	28.30 0.69 0.00	39.76 1.12 0.00	37.43 1.12 0.00	34.35 0.98 -0.01	18.61 0.50 -0.60	31.18 0.74 -0.02	10.05 0.19 -1.45	6.43 0.10 -1.68	6.75 0.11 -1.03	33.89 0.60 0.00	33.01 0.63 0.00	62.52 1.14 0.00	63.08 1.38 -0.85	37.42 0.98 -0.32	39.55 1.11 -0.02	39.05 1.06 0.00	35.16 0.88 0.00	37.08 0.86 0.00	35.93 0.71 0.00
SLEIGHT__34_KV_TB1 80719	31.69 0.49 0.00	34.56 0.38 0.00	30.40 0.35 0.00	23.31 0.23 0.00	23.54 0.18 0.00	27.92 0.31 0.00	39.28 0.64 0.00	36.94 0.63 0.00	33.80 0.42 -0.02	18.84 0.17 -1.17	30.83 0.38 -0.03	11.35 0.08 -2.85	8.01 0.05 -3.31	7.70 0.06 -2.04	33.63 0.34 0.00	32.76 0.38 0.00	62.09 0.71 -0.01	63.28 0.75 -1.68	37.20 0.45 -0.63	38.89 0.43 -0.04	38.51 0.52 0.00	34.76 0.48 0.00	36.70 0.48 0.00	35.50 0.28 0.00
SOUTH CAIRO____GT 23612	33.50 1.96 -0.34	36.13 1.95 0.00	31.65 1.60 0.00	24.38 1.29 0.00	24.67 1.31 0.00	29.34 1.73 0.00	41.15 2.51 0.00	38.66 2.35 0.00	36.08 2.33 -0.40	39.85 1.20 -21.15	33.13 2.15 -0.55	52.33 0.57 -43.34	55.46 0.30 -50.51	42.13 0.36 -36.16	35.24 1.91 -0.03	34.15 1.77 0.00	65.19 3.65 -0.16	94.58 3.89 -29.85	49.54 2.29 -11.13	41.83 2.77 -0.64	40.59 2.59 0.00	36.50 2.21 0.00	38.32 2.09 0.00	37.09 1.87 0.00
SOUTH HAMPTN____IC 23720	36.30 3.79 -1.32	37.91 3.73 0.00	33.23 3.18 0.00	25.51 2.42 0.00	25.91 2.55 0.00	30.91 3.29 0.00	42.75 4.12 0.00	40.46 4.16 0.00	38.05 4.36 -0.33	37.33 2.40 -17.42	35.38 4.50 -0.45	51.27 1.11 -41.74	53.86 0.61 -48.60	37.60 0.81 -31.17	51.07 4.91 -12.87	326.60 4.92 -289.29	270.18 8.74 -200.07	94.91 9.46 -24.60	60.36 5.32 -18.91	61.56 5.27 -17.87	74.85 5.40 -31.46	47.08 4.69 -8.11	40.71 4.47 -0.01	39.05 3.83 0.00

SOUTHDOWN_115KV_TB1 355954	31.82 0.63 0.00	34.83 0.65 0.00	30.59 0.55 0.00	23.35 0.27 0.00	23.71 0.36 0.00	28.13 0.52 0.00	39.49 0.85 0.00	37.07 0.77 0.00	33.72 0.33 -0.03	19.12 0.05 -1.56	30.93 0.46 -0.04	12.36 0.06 -3.89	9.18 0.05 -4.47	8.45 0.07 -2.77	33.83 0.53 0.00	33.02 0.63 0.00	62.23 0.85 -0.01	63.24 0.10 -2.29	36.86 -0.12 -0.85	38.27 -0.21 -0.05	38.07 0.08 0.00	34.83 0.54 0.00	36.90 0.67 0.00	35.52 0.30 0.00
SOUTHOLD_69_KV_BK 2 55809	36.93 4.41 -1.32	38.61 4.43 0.00	33.84 3.79 0.00	25.96 2.88 0.00	26.25 2.90 0.00	31.42 3.81 0.00	43.60 4.96 0.00	41.27 4.96 0.00	38.81 5.12 -0.33	37.75 2.82 -17.42	36.13 5.25 -0.45	51.48 1.32 -41.74	53.98 0.73 -48.59	37.73 0.96 -31.17	51.92 5.76 -12.87	327.37 5.66 -289.33	270.58 9.09 -200.12	96.25 10.81 -24.59	61.35 6.30 -18.92	62.64 6.35 -17.87	75.91 6.46 -31.46	47.98 5.58 -8.11	41.58 5.34 -0.01	39.92 4.70 0.00
SOUTHOLD___IC 23719	36.94 4.43 -1.32	38.61 4.43 0.00	33.83 3.79 0.00	25.96 2.88 0.00	26.36 3.00 0.00	31.47 3.86 0.00	43.60 4.96 0.00	41.28 4.97 0.00	38.81 5.12 -0.33	37.75 2.82 -17.42	36.14 5.26 -0.45	51.48 1.32 -41.74	53.98 0.73 -48.60	37.74 0.96 -31.17	51.93 5.76 -12.87	327.37 5.66 -289.33	270.58 9.09 -200.12	96.25 10.81 -24.60	61.35 6.30 -18.92	62.65 6.35 -17.87	75.91 6.45 -31.46	47.97 5.58 -8.11	41.58 5.34 -0.01	39.83 4.60 0.00
SPIERFLS_115KV_TB 1 80737	33.18 1.57 -0.41	35.69 1.51 0.00	31.35 1.30 0.00	24.16 1.07 0.00	24.45 1.10 0.00	29.14 1.53 0.00	40.90 2.26 0.00	38.31 2.00 0.00	35.68 1.89 -0.43	41.43 0.99 -22.94	32.80 1.78 -0.60	71.19 0.52 -62.26	77.38 0.26 -72.46	45.14 0.29 -39.24	34.82 1.49 -0.04	33.63 1.24 0.00	64.08 2.53 -0.18	96.23 3.01 -32.37	50.07 1.87 -12.07	40.98 1.87 -0.69	39.67 1.68 0.00	35.82 1.53 0.00	37.60 1.38 0.00	36.73 1.51 0.00
ST LAWRENCE____ 23600	30.73 -0.47 0.00	33.93 -0.24 0.00	29.90 -0.15 0.00	22.96 -0.12 0.00	23.17 -0.18 0.00	27.28 -0.33 0.00	38.05 -0.59 0.00	35.67 -0.64 0.00	32.75 -0.60 0.00	17.18 -0.33 0.00	29.90 -0.52 0.00	8.29 -0.13 0.00	4.59 -0.07 0.00	5.52 -0.09 0.00	32.80 -0.49 0.00	31.84 -0.54 0.00	60.34 -1.03 0.00	59.58 -1.27 0.00	35.42 -0.71 0.00	37.67 -0.75 0.00	37.28 -0.71 0.00	33.64 -0.65 0.00	35.68 -0.55 0.00	34.87 -0.35 0.00
STATE_CA_115KV_115_LB 55624	32.51 0.89 -0.42	34.95 0.77 0.00	30.69 0.64 0.00	23.65 0.56 0.00	23.94 0.59 0.00	28.42 0.80 0.00	39.76 1.13 0.00	37.32 1.02 0.00	34.85 1.07 -0.43	40.83 0.59 -22.74	32.04 1.02 -0.59	52.36 0.28 -43.66	55.70 0.15 -50.90	44.67 0.17 -38.89	34.33 1.00 -0.04	33.38 0.99 0.00	63.53 1.98 -0.18	95.13 2.18 -32.10	49.30 1.20 -11.97	40.42 1.31 -0.68	39.17 1.17 0.00	35.27 0.98 0.00	37.07 0.84 0.00	35.95 0.73 0.00
STATE_ST_34_KV_LOAD 55959	31.71 0.51 0.00	34.57 0.39 0.00	30.44 0.40 0.00	23.35 0.27 0.00	23.48 0.12 0.00	27.92 0.31 0.00	39.24 0.60 0.00	36.87 0.56 0.00	33.76 0.38 -0.02	18.91 0.16 -1.24	30.77 0.32 -0.03	11.48 0.07 -2.99	8.17 0.04 -3.47	7.79 0.04 -2.14	33.57 0.27 0.00	32.70 0.32 0.00	62.00 0.62 -0.01	63.27 0.65 -1.76	37.21 0.43 -0.66	38.91 0.44 -0.04	38.51 0.52 0.00	34.79 0.51 0.00	36.73 0.50 0.00	35.67 0.44 0.00
STATION 5_MISC_HYD 23604	31.12 -0.08 0.00	34.11 -0.07 0.00	29.97 -0.08 0.00	22.90 -0.19 0.00	23.11 -0.25 0.00	27.36 -0.25 0.00	38.28 -0.35 0.00	35.96 -0.35 0.00	32.81 -0.57 -0.02	18.28 -0.38 -1.15	30.01 -0.44 -0.03	11.12 -0.14 -2.85	7.89 -0.05 -3.28	7.57 -0.07 -2.04	32.88 -0.41 0.00	32.08 -0.31 0.00	60.46 -0.92 -0.01	61.39 -1.14 -1.68	35.98 -0.77 -0.63	37.63 -0.83 -0.04	37.38 -0.61 0.00	33.95 -0.33 0.00	36.02 -0.21 0.00	34.81 -0.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.23 0.04 0.00	34.17 -0.01 0.00	30.02 -0.03 0.00	22.98 -0.10 0.00	23.26 -0.10 0.00	27.56 -0.05 0.00	38.62 -0.02 0.00	36.31 0.01 0.00	33.17 -0.21 -0.02	18.51 -0.16 -1.17	30.34 -0.12 -0.03	11.21 -0.07 -2.87	7.94 -0.02 -3.31	7.62 -0.03 -2.05	33.13 -0.16 0.00	32.30 -0.08 0.00	61.01 -0.37 -0.01	62.10 -0.43 -1.69	36.47 -0.28 -0.63	38.14 -0.32 -0.04	37.82 -0.17 0.00	34.26 -0.03 0.00	36.24 0.01 0.00	35.02 -0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.94 -0.26 0.00	33.89 -0.29 0.00	29.77 -0.28 0.00	22.76 -0.32 0.00	23.00 -0.36 0.00	27.22 -0.39 0.00	38.10 -0.54 0.00	35.79 -0.51 0.00	32.67 -0.71 -0.02	18.21 -0.44 -1.15	29.89 -0.56 -0.03	11.07 -0.17 -2.83	7.85 -0.07 -3.27	7.53 -0.09 -2.02	32.75 -0.55 0.00	31.94 -0.45 0.00	60.21 -1.18 -0.01	61.16 -1.36 -1.67	35.85 -0.90 -0.62	37.50 -0.96 -0.04	37.23 -0.77 0.00	33.79 -0.49 0.00	35.83 -0.40 0.00	34.60 -0.62 0.00
STA_56___34_KV_BUS2 355983	30.94 -0.26 0.00	33.89 -0.29 0.00	29.77 -0.28 0.00	22.76 -0.32 0.00	23.00 -0.36 0.00	27.22 -0.39 0.00	38.10 -0.54 0.00	35.79 -0.51 0.00	32.67 -0.71 -0.02	18.21 -0.44 -1.15	29.89 -0.56 -0.03	11.07 -0.17 -2.83	7.85 -0.07 -3.27	7.53 -0.09 -2.02	32.75 -0.55 0.00	31.94 -0.45 0.00	60.21 -1.18 -0.01	61.16 -1.36 -1.67	35.85 -0.90 -0.62	37.50 -0.96 -0.04	37.23 -0.77 0.00	33.79 -0.49 0.00	35.83 -0.40 0.00	34.60 -0.62 0.00
STA_67___115KV_BK2 355882	31.06 -0.14 0.00	34.03 -0.14 0.00	29.90 -0.15 0.00	22.86 -0.23 0.00	23.08 -0.27 0.00	27.32 -0.30 0.00	38.20 -0.44 0.00	35.88 -0.43 0.00	32.74 -0.65 -0.02	18.24 -0.42 -1.15	29.95 -0.51 -0.03	11.10 -0.16 -2.85	7.88 -0.06 -3.28	7.55 -0.09 -2.03	32.81 -0.48 0.00	32.00 -0.39 0.00	60.31 -1.08 -0.01	61.23 -1.30 -1.68	35.89 -0.86 -0.63	37.54 -0.92 -0.04	37.28 -0.71 0.00	33.87 -0.42 0.00	35.94 -0.28 0.00	34.72 -0.50 0.00
STA_7___115KV_9TRANS 80674	31.27 0.07 0.00	34.27 0.09 0.00	30.10 0.05 0.00	23.00 -0.08 0.00	23.22 -0.13 0.00	27.51 -0.11 0.00	38.48 -0.16 0.00	36.15 -0.16 0.00	32.98 -0.40 -0.02	18.37 -0.29 -1.15	30.17 -0.28 -0.03	11.16 -0.10 -2.85	7.91 -0.03 -3.28	7.60 -0.04 -2.04	33.06 -0.24 0.00	32.25 -0.13 0.00	60.81 -0.57 -0.01	61.72 -0.82 -1.68	36.19 -0.57 -0.63	37.85 -0.61 -0.04	37.60 -0.40 0.00	34.13 -0.16 0.00	36.20 -0.02 0.00	34.95 -0.27 0.00
STA_82___115KV_TB1 80780	31.07 -0.13 0.00	34.06 -0.12 0.00	29.92 -0.12 0.00	22.86 -0.22 0.00	23.09 -0.26 0.00	27.34 -0.28 0.00	38.23 -0.41 0.00	35.92 -0.39 0.00	32.76 -0.62 -0.02	18.25 -0.41 -1.16	29.97 -0.49 -0.03	11.12 -0.16 -2.86	7.89 -0.06 -3.30	7.57 -0.08 -2.04	32.83 -0.47 0.00	32.02 -0.36 0.00	60.34 -1.04 -0.01	61.27 -1.26 -1.69	35.92 -0.84 -0.63	37.57 -0.89 -0.04	37.32 -0.67 0.00	33.89 -0.40 0.00	35.97 -0.26 0.00	34.74 -0.48 0.00
STEEL___WIND 323596	30.94 -0.25 0.00	33.99 -0.19 0.00	29.87 -0.17 0.00	22.79 -0.30 0.00	23.01 -0.35 0.00	27.20 -0.41 0.00	37.99 -0.64 0.00	35.56 -0.74 0.00	32.32 -1.06 -0.03	18.27 -0.68 -1.45	29.62 -0.85 -0.04	11.77 -0.28 -3.63	8.71 -0.12 -4.17	8.05 -0.15 -2.59	32.54 -0.76 0.00	31.75 -0.64 0.00	59.57 -1.81 -0.01	60.58 -2.41 -2.14	35.36 -1.57 -0.80	36.78 -1.69 -0.05	36.68 -1.31 0.00	33.52 -0.76 0.00	35.64 -0.59 0.00	34.45 -0.77 0.00

STEPHTWN_115KV_BK_2 55603	32.58 0.96 -0.42	34.99 0.81 0.00	30.72 0.67 0.00	23.68 0.59 0.00	24.02 0.67 0.00	28.54 0.93 0.00	40.02 1.38 0.00	37.56 1.26 0.00	34.99 1.21 -0.42	40.81 0.69 -22.62	32.16 1.15 -0.59	50.28 0.32 -41.54	53.27 0.16 -48.45	44.48 0.20 -38.68	34.48 1.15 -0.04	33.54 1.16 0.00	63.98 2.44 -0.17	95.35 2.57 -31.92	49.43 1.40 -11.90	40.70 1.60 -0.68	39.37 1.39 0.00	35.47 1.18 0.00	37.27 1.05 0.00	36.06 0.84 0.00
STEUBEN_REC_LFGE 323667	31.46 0.26 0.00	34.41 0.23 0.00	30.27 0.22 0.00	23.13 0.05 0.00	23.53 0.17 0.00	27.95 0.33 0.00	39.20 0.56 0.00	36.83 0.52 0.00	33.57 0.18 -0.04	19.33 -0.07 -1.90	30.40 -0.08 -0.05	13.02 -0.11 -4.72	9.99 -0.09 -5.43	8.90 -0.08 -3.37	32.96 -0.34 0.00	32.24 -0.14 0.00	60.84 -0.55 -0.02	62.71 -0.92 -2.79	36.66 -0.51 -1.04	37.90 -0.59 -0.06	37.69 -0.30 0.00	34.53 0.24 0.00	36.62 0.39 0.00	35.36 0.13 0.00
STONY__BROOK 24151	35.31 2.79 -1.32	36.85 2.67 0.00	32.26 2.21 0.00	24.79 1.71 0.00	25.19 1.84 0.00	29.99 2.37 0.00	41.41 2.77 0.00	39.16 2.85 0.00	36.84 3.16 -0.33	36.67 1.74 -17.42	34.17 3.29 -0.45	50.93 0.78 -41.74	53.69 0.44 -48.60	37.39 0.61 -31.17	49.82 3.65 -12.87	387.59 3.73 -351.48	323.33 6.48 -255.48	92.20 6.75 -24.60	61.78 3.76 -21.90	66.18 4.10 -23.66	73.67 4.22 -31.46	46.22 3.71 -8.22	39.69 3.46 -0.01	38.18 2.96 0.00
STURGEON_POOL_HYD 23609	32.74 1.37 -0.17	35.29 1.12 0.00	31.00 0.96 0.00	23.88 0.80 0.00	24.24 0.88 0.00	28.70 1.09 0.00	40.27 1.63 0.00	38.09 1.78 0.00	35.45 1.75 -0.34	36.40 0.95 -17.94	32.50 1.61 -0.47	50.05 0.41 -41.22	52.90 0.24 -48.00	36.62 0.32 -30.69	35.23 1.91 -0.03	34.38 2.00 0.00	65.44 3.93 -0.14	90.39 4.21 -25.33	47.91 2.34 -9.44	41.36 2.40 -0.54	40.38 2.39 0.00	36.30 2.01 0.00	37.99 1.77 0.00	36.66 1.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.32 1.18 1.05	35.13 0.95 0.00	30.87 0.83 0.00	23.77 0.68 0.00	24.12 0.77 0.00	28.57 0.96 0.00	40.06 1.42 0.00	37.88 1.58 0.00	35.21 1.56 -0.29	33.86 0.86 -15.49	32.25 1.42 -0.40	45.91 0.38 -37.11	48.07 0.21 -43.20	32.40 0.30 -26.50	35.06 1.74 -0.02	34.21 1.83 0.00	65.14 3.65 -0.12	86.62 3.90 -21.87	46.41 2.12 -8.15	41.00 2.10 -0.47	40.06 2.07 0.00	35.99 1.71 0.00	37.68 1.45 0.00	36.42 1.20 0.00
SWANROAD_115KV_TB1 355699	30.28 -0.91 0.00	33.27 -0.90 0.00	29.27 -0.77 0.00	22.32 -0.76 0.00	22.52 -0.84 0.00	26.57 -1.04 0.00	36.89 -1.74 0.00	34.51 -1.80 0.00	31.34 -2.05 -0.03	17.69 -1.18 -1.36	28.76 -1.70 -0.04	11.29 -0.51 -3.39	8.32 -0.24 -3.90	7.73 -0.30 -2.42	31.65 -1.64 0.00	30.85 -1.54 0.00	57.72 -3.66 -0.01	58.68 -4.17 -2.00	34.17 -2.71 -0.75	35.53 -2.93 -0.04	35.43 -2.56 0.00	32.42 -1.86 0.00	34.64 -1.58 0.00	33.64 -1.59 0.00
SYNERGY__BIOGAS 323694	31.50 0.31 0.00	34.54 0.36 0.00	30.37 0.32 0.00	23.15 0.07 0.00	23.36 0.00 0.00	27.66 0.05 0.00	38.65 0.02 0.00	36.26 -0.05 0.00	32.98 -0.40 -0.02	18.44 -0.34 -1.28	30.03 -0.43 -0.03	11.44 -0.15 -3.17	8.26 -0.05 -3.65	7.79 -0.08 -2.27	32.87 -0.42 0.00	32.12 -0.27 0.00	60.43 -0.95 -0.01	61.58 -1.14 -1.87	36.02 -0.80 -0.70	37.62 -0.84 -0.04	37.47 -0.52 0.00	34.14 -0.15 0.00	36.28 0.05 0.00	35.08 -0.14 0.00
SYRACUSE__ENERGY_ST1 323597	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
SYRACUSE__ENERGY_ST2 323598	31.24 0.04 0.00	34.16 -0.02 0.00	30.00 -0.05 0.00	23.01 -0.07 0.00	23.30 -0.06 0.00	27.59 -0.03 0.00	38.71 0.07 0.00	36.41 0.10 0.00	33.37 -0.01 -0.02	18.50 -0.03 -1.02	30.43 -0.02 -0.03	10.86 -0.02 -2.46	7.51 -0.01 -2.86	7.35 -0.01 -1.76	33.18 -0.12 0.00	32.33 -0.05 0.00	61.27 -0.11 -0.01	62.24 -0.06 -1.45	36.65 -0.02 -0.54	38.45 -0.01 -0.03	38.02 0.03 0.00	34.34 0.06 0.00	36.30 0.07 0.00	35.15 -0.07 0.00
SYRACUSE__POWER 24017	31.12 -0.07 0.00	34.04 -0.14 0.00	29.88 -0.16 0.00	22.92 -0.16 0.00	23.23 -0.13 0.00	27.51 -0.10 0.00	38.61 -0.03 0.00	36.31 0.00 0.00	33.30 -0.08 -0.02	18.50 -0.07 -1.06	30.35 -0.10 -0.03	10.94 -0.04 -2.56	7.62 -0.02 -2.98	7.41 -0.02 -1.83	33.15 -0.15 0.00	32.30 -0.09 0.00	61.18 -0.20 -0.01	62.19 -0.18 -1.51	36.60 -0.09 -0.56	38.36 -0.10 -0.03	37.95 -0.05 0.00	34.27 -0.01 0.00	36.22 -0.01 0.00	35.06 -0.17 0.00
TALLMAN__138KV_BK151 55660	31.09 1.36 1.47	35.28 1.10 0.00	30.99 0.94 0.00	23.85 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.28 1.64 0.00	38.10 1.79 0.00	35.44 1.78 -0.30	34.71 0.98 -16.23	32.50 1.66 -0.42	47.73 0.44 -38.87	50.16 0.25 -45.25	33.71 0.35 -27.75	35.35 2.03 -0.03	34.54 2.16 0.00	65.76 4.26 -0.12	88.32 4.57 -22.90	47.12 2.45 -8.54	41.35 2.43 -0.49	40.37 2.38 0.00	36.24 1.95 0.00	37.90 1.68 0.00	36.60 1.38 0.00
TEALLAVE_115KV_TB7 355573	30.96 -0.23 0.00	33.86 -0.32 0.00	29.72 -0.33 0.00	22.80 -0.28 0.00	23.10 -0.25 0.00	27.37 -0.25 0.00	38.38 -0.25 0.00	36.11 -0.20 0.00	33.11 -0.27 -0.02	18.26 -0.16 -0.92	30.20 -0.25 -0.02	10.55 -0.08 -2.21	7.19 -0.04 -2.57	7.14 -0.05 -1.58	32.98 -0.31 0.00	32.13 -0.26 0.00	60.85 -0.53 -0.01	61.65 -0.50 -1.31	36.30 -0.31 -0.49	38.12 -0.33 -0.03	37.71 -0.29 0.00	34.07 -0.22 0.00	36.01 -0.21 0.00	34.88 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	30.94 -0.26 0.00	33.96 -0.21 0.00	29.86 -0.19 0.00	22.78 -0.30 0.00	23.00 -0.35 0.00	27.18 -0.44 0.00	37.84 -0.80 0.00	35.45 -0.85 0.00	32.23 -1.16 -0.02	18.09 -0.73 -1.31	29.51 -0.95 -0.04	11.38 -0.30 -3.27	8.28 -0.13 -3.76	7.77 -0.17 -2.33	32.42 -0.88 0.00	31.61 -0.78 0.00	59.29 -2.09 -0.01	60.26 -2.52 -1.93	35.17 -1.67 -0.72	36.67 -1.80 -0.04	36.54 -1.45 0.00	33.36 -0.92 0.00	35.55 -0.68 0.00	34.40 -0.82 0.00
TEMPLE__115KV_TB 2 55572	30.97 -0.23 0.00	33.87 -0.31 0.00	29.74 -0.31 0.00	22.81 -0.28 0.00	23.11 -0.25 0.00	27.37 -0.24 0.00	38.40 -0.24 0.00	36.12 -0.19 0.00	33.13 -0.25 -0.02	18.29 -0.15 -0.93	30.22 -0.23 -0.02	10.59 -0.07 -2.25	7.24 -0.03 -2.62	7.17 -0.04 -1.61	33.02 -0.28 0.00	32.17 -0.22 0.00	60.93 -0.45 -0.01	61.73 -0.44 -1.33	36.35 -0.27 -0.49	38.14 -0.31 -0.03	37.74 -0.25 0.00	34.09 -0.20 0.00	36.04 -0.19 0.00	34.91 -0.31 0.00
TIANA__69_KV_BK 1 55817	36.12 3.60 -1.32	37.74 3.56 0.00	33.08 3.04 0.00	25.40 2.31 0.00	25.70 2.34 0.00	30.73 3.11 0.00	42.54 3.91 0.00	40.25 3.94 0.00	37.87 4.18 -0.33	37.23 2.30 -17.42	35.19 4.31 -0.45	51.22 1.06 -41.74	53.83 0.58 -48.59	37.55 0.77 -31.17	50.82 4.65 -12.87	326.38 4.68 -289.32	269.82 8.34 -200.11	94.50 9.05 -24.59	60.12 5.08 -18.92	61.32 5.03 -17.87	74.66 5.21 -31.46	46.94 4.54 -8.11	40.55 4.32 -0.01	39.00 3.78 0.00

TILDEN___115KV_TB1 80814	31.12 -0.07 0.00	34.04 -0.14 0.00	29.88 -0.16 0.00	22.92 -0.16 0.00	23.23 -0.13 0.00	27.51 -0.10 0.00	38.61 -0.03 0.00	36.31 0.00 0.00	33.30 -0.08 -0.02	18.50 -0.07 -1.06	30.35 -0.10 -0.03	10.94 -0.04 -2.56	7.62 -0.02 -2.98	7.41 -0.02 -1.83	33.15 -0.15 0.00	32.30 -0.09 0.00	61.18 -0.20 -0.01	62.19 -0.18 -1.51	36.60 -0.09 -0.56	38.36 -0.10 -0.03	37.95 -0.05 0.00	34.27 -0.01 0.00	36.22 -0.01 0.00	35.06 -0.17 0.00
TRIGEN___CC 323695	34.58 2.07 -1.32	36.06 1.88 0.00	31.61 1.56 0.00	24.33 1.24 0.00	24.69 1.34 0.00	29.35 1.74 0.00	40.81 2.18 0.00	38.62 2.31 0.00	36.17 2.48 -0.33	36.27 1.34 -17.42	33.32 2.44 -0.45	50.74 0.58 -41.74	53.58 0.33 -48.59	37.25 0.47 -31.17	48.91 2.74 -12.87	87.89 2.78 -52.73	69.94 5.19 -3.38	91.06 5.62 -24.59	49.16 3.05 -9.98	42.10 3.14 -0.53	72.64 3.19 -31.46	44.81 2.77 -7.76	38.73 2.50 0.00	37.42 2.20 0.00
TRINITY__115KV__4 BK 55933	32.39 0.77 -0.43	34.83 0.65 0.00	30.58 0.53 0.00	23.57 0.48 0.00	23.86 0.50 0.00	28.33 0.71 0.00	39.59 0.96 0.00	37.16 0.85 0.00	34.70 0.92 -0.42	40.66 0.51 -22.65	31.89 0.88 -0.59	50.59 0.24 -41.93	53.68 0.13 -48.90	44.49 0.15 -38.74	34.17 0.84 -0.04	33.20 0.82 0.00	63.20 1.65 -0.17	94.71 1.88 -31.98	49.07 1.02 -11.92	40.23 1.13 -0.68	38.99 1.00 0.00	35.11 0.83 0.00	36.92 0.69 0.00	35.82 0.60 0.00
UNION___PROCESSING_DRP 323587	31.09 -0.11 0.00	34.06 -0.11 0.00	29.93 -0.12 0.00	22.88 -0.21 0.00	23.10 -0.26 0.00	27.34 -0.27 0.00	38.24 -0.40 0.00	35.92 -0.39 0.00	32.78 -0.61 -0.02	18.26 -0.40 -1.16	29.98 -0.48 -0.03	11.12 -0.16 -2.86	7.90 -0.06 -3.30	7.57 -0.08 -2.04	32.84 -0.45 0.00	32.03 -0.36 0.00	60.36 -1.03 -0.01	61.30 -1.24 -1.69	35.93 -0.83 -0.63	37.58 -0.88 -0.04	37.32 -0.67 0.00	33.90 -0.38 0.00	35.98 -0.25 0.00	34.76 -0.47 0.00
UPPER HUDSON___HYD 24058	33.18 1.57 -0.41	35.69 1.51 0.00	31.35 1.30 0.00	24.16 1.07 0.00	24.47 1.12 0.00	29.15 1.53 0.00	40.90 2.26 0.00	38.31 2.00 0.00	35.68 1.89 -0.43	41.43 0.99 -22.94	32.81 1.78 -0.60	71.19 0.52 -62.26	77.38 0.26 -72.46	45.14 0.29 -39.24	34.83 1.49 -0.04	33.63 1.24 0.00	64.08 2.53 -0.18	96.23 3.01 -32.37	50.07 1.86 -12.07	40.99 1.87 -0.69	39.67 1.68 0.00	35.82 1.53 0.00	37.60 1.38 0.00	36.72 1.49 0.00
UPPER RAQUET___HYD 24056	30.82 -0.38 0.00	34.05 -0.13 0.00	29.96 -0.08 0.00	23.00 -0.08 0.00	23.28 -0.08 0.00	27.44 -0.17 0.00	38.34 -0.30 0.00	35.96 -0.35 0.00	32.98 -0.38 0.00	17.24 -0.27 0.00	30.03 -0.39 0.00	8.30 -0.11 0.00	4.58 -0.08 0.00	5.50 -0.11 0.00	32.59 -0.70 0.00	31.65 -0.74 0.00	60.02 -1.35 0.00	59.42 -1.43 0.00	35.52 -0.61 0.00	37.88 -0.54 0.00	37.38 -0.61 0.00	33.63 -0.65 0.00	35.68 -0.55 0.00	34.89 -0.34 0.00
VALLEY44_115KV_TB2 355964	31.03 -0.16 0.00	33.95 -0.23 0.00	29.82 -0.23 0.00	22.77 -0.32 0.00	23.13 -0.22 0.00	27.48 -0.13 0.00	38.51 -0.13 0.00	36.15 -0.16 0.00	32.87 -0.52 -0.03	18.69 -0.41 -1.60	30.09 -0.37 -0.04	12.16 -0.22 -3.96	9.12 -0.10 -4.56	8.33 -0.11 -2.83	32.83 -0.47 0.00	32.14 -0.24 0.00	60.55 -0.84 -0.01	61.41 -1.78 -2.33	35.75 -1.25 -0.87	37.14 -1.33 -0.05	37.04 -0.95 0.00	33.89 -0.39 0.00	36.01 -0.22 0.00	34.72 -0.51 0.00
VALLEY___115KV_TB 1-4 80826	31.48 0.28 0.00	34.30 0.12 0.00	30.08 0.04 0.00	23.19 0.10 0.00	23.59 0.24 0.00	27.94 0.32 0.00	39.05 0.42 0.00	36.76 0.45 0.00	33.83 0.47 0.00	17.78 0.28 0.00	30.96 0.54 0.00	8.56 0.15 0.00	4.70 0.05 0.00	5.65 0.04 0.00	33.51 0.21 0.00	32.48 0.09 0.00	61.45 0.08 0.00	61.53 0.68 0.00	36.50 0.37 0.00	38.78 0.36 0.00	38.11 0.11 0.00	34.49 0.20 0.00	36.24 0.01 0.00	35.07 -0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.90 0.89 0.18	35.01 0.83 0.00	30.75 0.70 0.00	23.60 0.52 0.00	23.91 0.55 0.00	28.37 0.75 0.00	39.86 1.22 0.00	37.56 1.25 0.00	34.61 1.17 -0.08	22.33 0.61 -4.22	31.56 1.03 -0.11	18.76 0.27 -10.07	16.54 0.16 -11.73	12.99 0.20 -7.19	34.48 1.18 -0.01	33.61 1.23 0.00	63.86 2.45 -0.03	69.32 2.54 -5.93	39.66 1.32 -2.21	39.92 1.36 -0.13	39.36 1.37 0.00	35.43 1.15 0.00	37.27 1.05 0.00	36.07 0.85 0.00
VISCHER___FERRY HYD 24020	32.89 1.26 -0.43	35.39 1.21 0.00	31.05 1.00 0.00	23.94 0.86 0.00	24.25 0.89 0.00	28.80 1.19 0.00	40.27 1.64 0.00	37.79 1.48 0.00	35.23 1.44 -0.42	40.99 0.77 -22.72	32.34 1.32 -0.59	85.40 0.39 -76.59	93.96 0.22 -89.09	44.74 0.25 -38.87	34.69 1.36 -0.04	33.56 1.18 0.00	63.93 2.38 -0.18	95.69 2.77 -32.06	49.78 1.68 -11.96	40.97 1.86 -0.68	39.66 1.67 0.00	35.71 1.43 0.00	37.47 1.24 0.00	36.33 1.10 0.00
V_A_10_SYNC_DSASP 323832	30.59 -0.61 0.00	33.57 -0.61 0.00	29.52 -0.52 0.00	22.53 -0.55 0.00	22.73 -0.63 0.00	26.86 -0.75 0.00	37.46 -1.18 0.00	35.11 -1.20 0.00	31.96 -1.43 -0.02	17.92 -0.84 -1.26	29.28 -1.18 -0.03	11.17 -0.35 -3.11	8.08 -0.16 -3.58	7.62 -0.20 -2.22	32.14 -1.15 0.00	31.35 -1.03 0.00	58.89 -2.49 -0.01	59.76 -2.92 -1.83	34.92 -1.89 -0.68	36.43 -2.03 -0.04	36.28 -1.71 0.00	33.12 -1.16 0.00	35.26 -0.96 0.00	34.11 -1.11 0.00
V_CMM_10_SYNC_DSASP 323787	30.86 -0.34 0.00	34.08 -0.10 0.00	30.02 -0.03 0.00	23.05 -0.03 0.00	23.27 -0.08 0.00	27.40 -0.21 0.00	38.21 -0.43 0.00	35.82 -0.49 0.00	32.89 -0.47 0.00	17.29 -0.21 0.00	30.04 -0.38 0.00	8.32 -0.09 0.00	4.61 -0.05 0.00	5.55 -0.06 0.00	32.94 -0.35 0.00	31.98 -0.40 0.00	60.61 -0.77 0.00	59.82 -1.03 0.00	35.56 -0.56 0.00	37.83 -0.59 0.00	37.43 -0.56 0.00	33.77 -0.51 0.00	35.81 -0.41 0.00	35.02 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	31.91 0.71 0.00	35.37 1.19 0.00	31.23 1.18 0.00	24.02 0.94 0.00	24.33 0.97 0.00	28.64 1.02 0.00	39.65 1.01 0.00	36.81 0.50 0.00	33.92 0.56 0.00	18.11 0.61 0.00	31.09 0.67 0.00	8.66 0.24 0.00	4.78 0.13 0.00	5.73 0.12 0.00	33.75 0.46 0.00	32.70 0.31 0.00	61.75 0.38 0.00	60.89 0.04 0.00	36.48 0.35 0.00	38.64 0.22 0.00	37.92 -0.07 0.00	34.04 -0.25 0.00	36.24 0.01 0.00	35.82 0.60 0.00
V_E_10_SYNC_DSASP 323830	33.26 2.06 0.00	36.32 2.14 0.00	31.84 1.79 0.00	24.47 1.38 0.00	24.90 1.54 0.00	29.53 1.92 0.00	41.72 3.09 0.00	39.50 3.19 0.00	36.14 2.73 -0.05	21.72 1.34 -2.88	32.61 2.11 -0.07	15.85 0.56 -6.87	12.99 0.33 -8.01	10.87 0.36 -4.91	35.60 2.30 0.00	34.69 2.30 0.00	65.86 4.47 -0.02	69.53 4.63 -4.05	40.44 2.80 -1.51	41.56 3.05 -0.09	41.06 3.07 0.00	36.90 2.61 0.00	38.67 2.44 0.00	37.22 1.99 0.00
V_F_30_NSYNC___DSASP 323816	33.29 1.68 -0.42	35.83 1.65 0.00	31.46 1.42 0.00	24.23 1.15 0.00	24.55 1.20 0.00	29.19 1.57 0.00	40.91 2.27 0.00	38.40 2.09 0.00	35.77 1.98 -0.43	41.44 1.04 -22.90	32.85 1.82 -0.60	73.08 0.52 -64.15	79.59 0.28 -74.65	45.12 0.33 -39.19	35.12 1.79 -0.04	34.03 1.64 0.00	64.81 3.27 -0.18	96.79 3.61 -32.33	50.36 2.17 -12.06	41.44 2.33 -0.69	40.15 2.15 0.00	36.16 1.88 0.00	37.96 1.74 0.00	36.85 1.63 0.00

V_F_30_SYNC_DSASP 323786	32.51 0.89 -0.42	34.95 0.77 0.00	30.68 0.63 0.00	23.65 0.56 0.00	23.94 0.59 0.00	28.42 0.80 0.00	39.76 1.12 0.00	37.31 1.01 0.00	34.85 1.07 -0.42	40.82 0.58 -22.73	32.04 1.02 -0.59	52.22 0.28 -43.52	55.54 0.15 -50.74	44.66 0.17 -38.88	34.33 1.00 -0.04	33.38 0.99 0.00	63.52 1.97 -0.18	95.12 2.19 -32.09	49.29 1.20 -11.96	40.42 1.31 -0.68	39.16 1.17 0.00	35.26 0.98 0.00	37.07 0.84 0.00	35.95 0.73 0.00
V_XM_10_SYNC_DSASP 323789	31.91 0.71 0.00	35.37 1.19 0.00	31.23 1.18 0.00	24.02 0.94 0.00	24.33 0.97 0.00	28.64 1.02 0.00	39.65 1.01 0.00	36.81 0.50 0.00	33.92 0.56 0.00	18.11 0.61 0.00	31.09 0.67 0.00	8.66 0.24 0.00	4.78 0.13 0.00	5.73 0.12 0.00	33.75 0.46 0.00	32.70 0.31 0.00	61.75 0.38 0.00	60.89 0.04 0.00	36.48 0.35 0.00	38.64 0.22 0.00	37.92 -0.07 0.00	34.04 -0.25 0.00	36.24 0.01 0.00	35.82 0.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.09 1.47 1.57	35.41 1.23 0.00	31.10 1.05 0.00	23.93 0.84 0.00	24.28 0.93 0.00	28.82 1.21 0.00	40.43 1.80 0.00	38.24 1.94 0.00	35.58 1.91 -0.31	34.95 1.05 -16.39	32.63 1.78 -0.43	48.15 0.47 -39.26	50.63 0.27 -45.71	34.01 0.37 -28.03	35.48 2.16 -0.03	34.67 2.28 0.00	66.01 4.51 -0.13	88.79 4.80 -23.13	47.35 2.60 -8.63	41.51 2.59 -0.50	40.52 2.53 0.00	36.38 2.09 0.00	38.05 1.82 0.00	36.74 1.52 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.36 1.83 -1.33	35.76 1.58 0.00	31.37 1.32 0.00	24.13 1.05 0.00	24.49 1.14 0.00	29.06 1.45 0.00	40.74 2.10 0.00	38.54 2.23 0.00	35.91 2.22 -0.33	36.14 1.22 -17.42	32.96 2.08 -0.45	50.68 0.54 -41.72	53.53 0.31 -48.57	35.81 0.41 -29.79	35.73 2.41 -0.03	34.92 2.53 0.00	66.38 4.87 -0.13	90.48 5.04 -24.58	48.06 2.77 -9.17	41.72 2.77 -0.53	40.76 2.76 0.00	36.64 2.36 0.00	38.29 2.06 0.00	36.98 1.76 0.00
W50THST__13_KV_LOAD 356117	34.56 2.04 -1.33	35.99 1.81 0.00	31.57 1.52 0.00	24.28 1.20 0.00	24.66 1.30 0.00	29.27 1.65 0.00	41.06 2.43 0.00	38.86 2.56 0.00	36.22 2.54 -0.33	36.32 1.39 -17.42	33.26 2.38 -0.45	50.76 0.62 -41.72	53.57 0.35 -48.57	35.87 0.47 -29.79	36.05 2.73 -0.03	35.23 2.84 0.00	66.96 5.45 -0.13	91.03 5.59 -24.58	48.35 3.06 -9.17	42.01 3.05 -0.53	41.03 3.04 0.00	36.89 2.60 0.00	38.53 2.31 0.00	37.19 1.97 0.00
WADING RIVER_IC_1 23522	35.65 3.14 -1.32	37.22 3.04 0.00	32.61 2.57 0.00	25.06 1.97 0.00	25.46 2.10 0.00	30.33 2.72 0.00	41.91 3.27 0.00	39.65 3.34 0.00	37.29 3.60 -0.33	36.91 1.98 -17.42	34.59 3.71 -0.45	51.04 0.88 -41.74	53.74 0.49 -48.60	37.45 0.67 -31.17	50.17 4.00 -12.87	325.23 4.01 -288.83	268.13 7.18 -199.58	93.23 7.78 -24.60	59.38 4.36 -18.89	60.74 4.50 -17.82	74.11 4.66 -31.46	46.46 4.07 -8.11	40.09 3.85 -0.01	38.51 3.29 0.00
WADING RIVER_IC_2 23547	35.65 3.14 -1.32	37.22 3.04 0.00	32.61 2.57 0.00	25.06 1.97 0.00	25.46 2.10 0.00	30.33 2.72 0.00	41.91 3.27 0.00	39.65 3.34 0.00	37.29 3.60 -0.33	36.91 1.98 -17.42	34.59 3.71 -0.45	51.04 0.88 -41.74	53.74 0.49 -48.60	37.45 0.67 -31.17	50.17 4.00 -12.87	325.23 4.01 -288.83	268.13 7.18 -199.58	93.23 7.78 -24.60	59.38 4.36 -18.89	60.74 4.50 -17.82	74.11 4.66 -31.46	46.46 4.07 -8.11	40.09 3.85 -0.01	38.51 3.29 0.00
WADING RIVER_IC_3 23601	35.65 3.14 -1.32	37.22 3.04 0.00	32.61 2.57 0.00	25.06 1.97 0.00	25.46 2.10 0.00	30.33 2.72 0.00	41.91 3.27 0.00	39.65 3.34 0.00	37.29 3.60 -0.33	36.91 1.98 -17.42	34.59 3.71 -0.45	51.04 0.88 -41.74	53.74 0.49 -48.60	37.45 0.67 -31.17	50.17 4.00 -12.87	325.23 4.01 -288.83	268.13 7.18 -199.58	93.23 7.78 -24.60	59.38 4.36 -18.89	60.74 4.50 -17.82	74.11 4.66 -31.46	46.46 4.07 -8.11	40.09 3.85 -0.01	38.51 3.29 0.00
WALDENNY_12_KV_BK2 80841	30.99 -0.20 0.00	34.02 -0.16 0.00	29.90 -0.15 0.00	22.82 -0.27 0.00	23.06 -0.30 0.00	27.25 -0.37 0.00	37.98 -0.65 0.00	35.57 -0.74 0.00	32.35 -1.04 -0.03	18.28 -0.66 -1.44	29.66 -0.80 -0.04	11.75 -0.27 -3.61	8.69 -0.11 -4.14	8.04 -0.14 -2.57	32.60 -0.69 0.00	31.81 -0.57 0.00	59.70 -1.69 -0.01	60.64 -2.34 -2.13	35.38 -1.54 -0.79	36.80 -1.67 -0.05	36.69 -1.30 0.00	33.53 -0.75 0.00	35.66 -0.57 0.00	34.46 -0.77 0.00
WALDEN__HYDRO 24148	32.52 1.52 0.19	35.49 1.31 0.00	31.17 1.13 0.00	23.99 0.90 0.00	24.33 0.97 0.00	28.85 1.24 0.00	40.48 1.85 0.00	38.31 2.00 0.00	35.62 1.95 -0.31	35.11 1.05 -16.56	32.63 1.77 -0.43	48.52 0.45 -39.65	51.07 0.25 -46.16	34.27 0.35 -28.32	35.36 2.04 -0.03	34.40 2.02 0.00	65.55 4.05 -0.13	88.70 4.49 -23.37	47.42 2.58 -8.71	41.56 2.63 -0.50	40.58 2.59 0.00	36.44 2.16 0.00	38.13 1.90 0.00	36.81 1.58 0.00
WARRENSBURG____ 23737	33.18 1.57 -0.41	35.69 1.51 0.00	31.35 1.30 0.00	24.16 1.07 0.00	24.47 1.12 0.00	29.15 1.53 0.00	40.90 2.26 0.00	38.31 2.00 0.00	35.68 1.89 -0.43	41.43 0.99 -22.94	32.81 1.78 -0.60	71.19 0.52 -62.26	77.38 0.26 -72.46	45.14 0.29 -39.24	34.83 1.49 -0.04	33.63 1.24 0.00	64.08 2.53 -0.18	96.23 3.01 -32.37	50.07 1.86 -12.07	40.99 1.87 -0.69	39.67 1.68 0.00	35.82 1.53 0.00	37.60 1.38 0.00	36.72 1.49 0.00
WATERSIDE____6 8 9 23538	34.30 1.77 -1.33	35.71 1.54 0.00	31.35 1.30 0.00	24.11 1.03 0.00	24.46 1.11 0.00	29.05 1.44 0.00	40.67 2.03 0.00	38.50 2.19 0.00	35.88 2.19 -0.33	36.12 1.20 -17.42	32.93 2.05 -0.45	50.68 0.54 -41.72	53.53 0.30 -48.57	35.81 0.41 -29.79	35.71 2.38 -0.03	34.87 2.54 0.05	66.27 4.77 -0.13	90.42 4.99 -24.58	48.04 2.75 -9.17	41.72 2.77 -0.53	40.78 2.79 0.00	36.68 2.40 0.00	38.31 2.08 0.00	37.01 1.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.45 0.25 0.00	34.32 0.14 0.00	30.10 0.06 0.00	23.19 0.10 0.00	23.54 0.18 0.00	27.90 0.28 0.00	39.02 0.38 0.00	36.71 0.41 0.00	33.77 0.41 0.00	17.74 0.24 0.00	30.86 0.43 0.00	8.53 0.12 0.00	4.70 0.04 0.00	5.65 0.04 0.00	33.53 0.24 0.00	32.55 0.16 0.00	61.64 0.27 0.00	61.53 0.68 0.00	36.54 0.40 0.00	38.88 0.46 0.00	38.31 0.32 0.00	34.57 0.29 0.00	36.35 0.13 0.00	35.21 -0.01 0.00
WATSON__69_KV_BK 1 55734	35.50 2.98 -1.32	37.04 2.86 0.00	32.42 2.38 0.00	24.94 1.86 0.00	25.32 1.96 0.00	30.13 2.52 0.00	41.70 3.06 0.00	39.47 3.16 0.00	37.14 3.45 -0.33	36.79 1.86 -17.42	34.34 3.46 -0.45	50.97 0.81 -41.74	53.72 0.47 -48.59	37.41 0.63 -31.17	49.89 3.73 -12.87	206.62 3.88 -170.36	169.58 6.80 -101.41	92.62 7.18 -24.59	54.70 4.10 -14.47	52.00 4.34 -9.24	74.03 4.58 -31.46	46.19 3.97 -7.94	39.95 3.72 0.00	38.46 3.24 0.00
WDELAWARE__HYD 323627	32.16 0.96 0.00	34.92 0.74 0.00	30.69 0.65 0.00	23.61 0.52 0.00	23.95 0.60 0.00	28.38 0.76 0.00	39.87 1.23 0.00	37.75 1.44 0.00	35.01 1.38 -0.27	32.66 0.78 -14.37	32.05 1.25 -0.37	43.08 0.29 -34.37	44.74 0.07 -40.01	30.30 0.11 -24.57	33.98 0.66 -0.02	33.17 0.78 0.00	63.24 1.75 -0.11	83.27 2.15 -20.28	44.85 1.16 -7.56	40.12 1.26 -0.43	40.01 2.01 0.00	35.93 1.64 0.00	37.62 1.39 0.00	36.31 1.09 0.00

WEST BABYLON___IC 23714	35.34 2.82 -1.32	36.86 2.69 0.00	32.27 2.23 0.00	24.84 1.75 0.00	25.22 1.87 0.00	29.96 2.35 0.00	41.48 2.85 0.00	39.26 2.96 0.00	36.91 3.22 -0.33	36.65 1.72 -17.42	34.07 3.19 -0.45	50.91 0.75 -41.74	53.69 0.44 -48.59	37.37 0.59 -31.17	49.64 3.47 -12.87	117.51 3.59 -81.53	95.14 6.50 -27.27	92.34 6.90 -24.59	51.05 3.86 -11.06	45.14 4.09 -2.63	73.79 4.34 -31.46	45.86 3.78 -7.80	39.75 3.52 0.00	38.31 3.08 0.00
WEST CANADA___HYD 24049	31.34 0.14 0.00	34.27 0.09 0.00	30.11 0.06 0.00	23.13 0.05 0.00	23.42 0.07 0.00	27.74 0.12 0.00	38.83 0.20 0.00	36.53 0.22 0.00	33.56 0.20 0.00	17.62 0.11 0.00	30.60 0.18 0.00	8.46 0.04 0.00	4.67 0.02 0.00	5.63 0.02 0.00	33.40 0.11 0.00	32.49 0.10 0.00	61.57 0.20 0.00	61.18 0.33 0.00	36.32 0.20 0.00	38.66 0.23 0.00	38.19 0.20 0.00	34.46 0.17 0.00	36.37 0.14 0.00	35.32 0.10 0.00
WESTERN_NY_WIND 24143	31.46 0.27 0.00	34.51 0.33 0.00	30.33 0.29 0.00	23.13 0.05 0.00	23.34 -0.02 0.00	27.63 0.02 0.00	38.60 -0.04 0.00	36.21 -0.10 0.00	32.94 -0.45 -0.02	18.42 -0.37 -1.29	29.99 -0.47 -0.03	11.45 -0.16 -3.20	8.29 -0.05 -3.68	7.80 -0.09 -2.29	32.84 -0.46 0.00	32.08 -0.31 0.00	60.35 -1.04 -0.01	61.50 -1.24 -1.89	35.96 -0.87 -0.70	37.55 -0.91 -0.04	37.40 -0.59 0.00	34.08 -0.20 0.00	36.23 0.00 0.00	35.04 -0.18 0.00
WESTOVER___LESR 323668	31.34 0.14 0.00	34.25 0.07 0.00	30.04 -0.01 0.00	23.06 -0.03 0.00	23.42 0.07 0.00	27.73 0.12 0.00	38.96 0.32 0.00	36.60 0.29 0.00	33.57 0.16 -0.05	20.38 0.02 -2.86	30.57 0.07 -0.07	15.19 0.01 -6.77	12.57 0.01 -7.91	10.46 0.02 -4.83	33.48 0.18 0.00	32.69 0.31 0.00	62.05 0.66 -0.02	65.23 0.39 -3.99	37.77 0.16 -1.49	38.61 0.10 -0.09	38.24 0.25 0.00	34.58 0.30 0.00	36.42 0.19 0.00	35.22 -0.01 0.00
WETHRSFD_WT_PWR 323626	30.87 -0.33 0.00	33.84 -0.34 0.00	29.79 -0.25 0.00	22.76 -0.32 0.00	23.03 -0.32 0.00	27.28 -0.33 0.00	38.15 -0.49 0.00	35.74 -0.57 0.00	32.54 -0.85 -0.03	18.46 -0.59 -1.54	29.63 -0.83 -0.04	12.18 -0.29 -4.07	9.09 -0.15 -4.59	8.32 -0.19 -2.90	32.29 -1.01 0.00	31.53 -0.86 0.00	59.31 -2.07 -0.01	60.66 -2.59 -2.40	35.47 -1.55 -0.89	36.83 -1.65 -0.05	36.67 -1.32 0.00	33.55 -0.74 0.00	35.60 -0.62 0.00	34.45 -0.77 0.00
WHAVSTOR_138KV_BK127 55557	30.94 1.34 1.59	35.28 1.10 0.00	30.98 0.94 0.00	23.84 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.26 1.63 0.00	38.08 1.77 0.00	35.42 1.75 -0.31	34.89 0.96 -16.42	32.48 1.63 -0.43	48.19 0.43 -39.34	50.70 0.24 -45.80	34.04 0.34 -28.09	35.30 1.98 -0.03	34.49 2.11 0.00	65.65 4.15 -0.13	88.47 4.44 -23.18	47.16 2.39 -8.64	41.29 2.37 -0.50	40.33 2.34 0.00	36.21 1.92 0.00	37.87 1.64 0.00	36.59 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.94 1.34 1.59	35.28 1.10 0.00	30.98 0.94 0.00	23.84 0.76 0.00	24.20 0.84 0.00	28.71 1.10 0.00	40.26 1.63 0.00	38.08 1.77 0.00	35.42 1.75 -0.31	34.89 0.96 -16.42	32.48 1.63 -0.43	48.19 0.43 -39.34	50.70 0.24 -45.80	34.04 0.34 -28.09	35.30 1.98 -0.03	34.49 2.11 0.00	65.65 4.15 -0.13	88.47 4.44 -23.18	47.16 2.39 -8.64	41.29 2.37 -0.50	40.33 2.34 0.00	36.21 1.92 0.00	37.87 1.64 0.00	36.59 1.37 0.00
WHITEHAL_115KV_TB1 80871	34.13 2.52 -0.41	36.51 2.34 0.00	31.95 1.90 0.00	24.71 1.63 0.00	25.04 1.68 0.00	30.00 2.38 0.00	42.28 3.64 0.00	39.08 2.77 0.00	36.23 2.44 -0.43	41.68 1.25 -22.92	33.40 2.38 -0.60	72.17 0.72 -63.04	78.44 0.42 -73.37	45.30 0.48 -39.22	35.79 2.46 -0.04	34.55 2.17 0.00	65.79 4.25 -0.18	98.66 5.45 -32.36	51.55 3.35 -12.07	42.18 3.07 -0.69	40.44 2.44 0.00	36.31 2.03 0.00	38.15 1.93 0.00	37.39 2.16 0.00
WHITEPLN_13_KV_LOAD 356215	34.41 1.80 -1.41	35.76 1.58 0.00	31.40 1.35 0.00	24.18 1.09 0.00	24.58 1.22 0.00	29.12 1.51 0.00	40.79 2.15 0.00	38.59 2.28 0.00	35.94 2.25 -0.33	36.09 1.23 -17.35	32.99 2.12 -0.45	50.54 0.56 -41.57	53.36 0.31 -48.40	35.71 0.42 -29.68	35.79 2.48 -0.03	34.95 2.57 0.00	66.47 4.97 -0.13	90.57 5.23 -24.49	48.15 2.89 -9.13	41.85 2.90 -0.53	40.85 2.86 0.00	36.71 2.42 0.00	38.38 2.16 0.00	37.06 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	35.42 2.90 -1.32	36.97 2.79 0.00	32.39 2.34 0.00	24.90 1.81 0.00	25.25 1.90 0.00	30.09 2.48 0.00	41.60 2.96 0.00	39.37 3.06 0.00	37.03 3.34 -0.33	36.76 1.83 -17.42	34.31 3.43 -0.45	50.97 0.81 -41.74	53.69 0.44 -48.59	37.40 0.62 -31.17	49.88 3.72 -12.87	327.06 3.75 -290.92	270.00 6.78 -201.85	92.80 7.35 -24.59	59.32 4.13 -19.06	60.92 4.34 -18.15	73.94 4.49 -31.46	46.30 3.90 -8.11	39.92 3.68 -0.01	38.42 3.20 0.00
WOODARD__115KV_TB2 355635	30.93 -0.27 0.00	33.83 -0.35 0.00	29.70 -0.34 0.00	22.78 -0.30 0.00	23.09 -0.27 0.00	27.34 -0.27 0.00	38.35 -0.29 0.00	36.07 -0.23 0.00	33.08 -0.30 -0.02	18.26 -0.18 -0.93	30.16 -0.29 -0.02	10.58 -0.08 -2.25	7.22 -0.05 -2.61	7.15 -0.06 -1.61	32.93 -0.37 0.00	32.08 -0.31 0.00	60.77 -0.61 -0.01	61.60 -0.57 -1.33	36.28 -0.34 -0.49	38.09 -0.36 -0.03	37.67 -0.32 0.00	34.03 -0.25 0.00	35.99 -0.24 0.00	34.86 -0.37 0.00
YORK___WARBASSE 23770	34.47 1.95 -1.33	35.88 1.70 0.00	31.51 1.47 0.00	24.22 1.13 0.00	24.58 1.22 0.00	29.20 1.58 0.00	40.79 2.16 0.00	38.60 2.29 0.00	35.96 2.27 -0.33	36.19 1.27 -17.42	33.06 2.19 -0.45	50.71 0.57 -41.72	53.55 0.32 -48.57	35.83 0.43 -29.79	35.83 2.51 -0.03	35.31 2.68 -0.24	66.52 5.02 -0.13	90.65 5.22 -24.58	48.18 2.88 -9.17	41.86 2.90 -0.53	40.97 2.97 0.00	36.89 2.60 -0.01	38.48 2.25 0.00	37.19 1.97 0.00