

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/20/2025

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 24138	31.87	34.05	34.09	31.27	31.67	30.38	38.41	45.54	45.62	31.46	34.11	32.35	28.43	27.87	25.53	28.52	26.17	35.65	38.04	41.85	40.79	35.16	33.80	31.56
	1.44	1.51	1.49	1.37	1.26	1.31	2.03	2.71	2.60	1.67	1.90	1.75	1.62	1.56	1.39	1.61	1.56	2.06	2.12	2.43	2.05	1.74	1.52	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.27	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.09	0.00	0.00
74TH STREET_GT_1 24260	31.87	34.08	34.10	31.29	31.69	30.38	38.39	45.52	45.62	31.44	34.08	32.32	28.38	27.82	25.48	28.47	26.12	35.59	38.00	41.83	40.78	35.15	33.81	31.57
	1.45	1.54	1.50	1.39	1.27	1.31	2.00	2.69	2.59	1.65	1.86	1.72	1.57	1.50	1.34	1.56	1.51	2.01	2.08	2.40	2.04	1.73	1.52	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.27	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.09	0.00	0.00
74TH STREET_GT_2 24261	31.87	34.08	34.10	31.29	31.69	30.38	38.39	45.52	45.62	31.44	34.08	32.32	28.38	27.82	25.48	28.47	26.12	35.59	38.00	41.83	40.78	35.15	33.81	31.57
	1.45	1.54	1.50	1.39	1.27	1.31	2.00	2.69	2.59	1.65	1.86	1.72	1.57	1.50	1.34	1.56	1.51	2.01	2.08	2.40	2.04	1.73	1.52	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.27	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.09	0.00	0.00
ADK HUDSON___FALLS 24011	31.61	33.74	33.86	31.13	31.61	30.37	38.22	44.77	45.07	30.95	33.27	31.39	27.32	26.81	24.61	27.77	25.44	34.97	37.59	41.27	40.28	34.74	33.58	31.43
	1.18	1.20	1.26	1.24	1.21	1.31	1.83	1.92	2.01	1.17	1.06	0.79	0.51	0.49	0.47	0.87	0.83	1.38	1.66	1.83	1.54	1.31	1.30	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.26	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
ADK RESOURCE___RCVRY 23798	31.74	33.87	33.99	31.26	31.74	30.51	38.39	44.92	45.26	31.05	33.35	31.43	27.35	26.83	24.64	27.86	25.58	35.15	37.85	41.55	40.53	34.93	33.80	31.63
	1.32	1.33	1.38	1.35	1.33	1.44	2.01	2.08	2.20	1.26	1.14	0.83	0.54	0.51	0.51	0.96	0.97	1.57	1.93	2.12	1.79	1.50	1.52	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.26	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
ADK S GLENS___FALLS 24028	31.61	33.74	33.86	31.13	31.61	30.37	38.22	44.77	45.07	30.95	33.27	31.39	27.32	26.81	24.61	27.77	25.44	34.97	37.59	41.27	40.28	34.74	33.58	31.43
	1.18	1.20	1.26	1.24	1.21	1.31	1.83	1.92	2.01	1.17	1.06	0.79	0.51	0.49	0.47	0.87	0.83	1.38	1.66	1.83	1.54	1.31	1.30	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.26	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
ADK_NYS___DAM 23527	31.87	34.04	34.12	31.35	31.79	30.49	38.14	44.66	45.03	31.03	33.46	31.61	27.60	26.99	24.58	27.61	25.26	34.60	36.99	40.57	39.63	34.47	33.30	31.27
	1.44	1.50	1.53	1.45	1.38	1.43	1.75	1.80	1.97	1.24	1.25	1.01	0.79	0.68	0.44	0.71	0.65	1.01	1.07	1.14	0.88	1.04	1.02	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.25	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
AIR_PRODUCTS___DRP 24190	30.93	33.03	33.13	30.47	30.90	29.60	36.98	43.50	43.83	30.34	32.70	30.98	27.10	26.59	24.35	27.22	24.89	34.05	36.44	39.93	39.05	33.85	32.64	30.63
	0.51	0.49	0.53	0.57	0.49	0.54	0.59	0.63	0.76	0.55	0.49	0.38	0.29	0.28	0.21	0.31	0.28	0.47	0.52	0.49	0.31	0.42	0.36	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.24	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
AKWESSNE_115KV_BK 355683	30.72	32.82	32.86	30.08	30.69	29.33	36.73	44.03	44.35	30.09	32.54	30.88	27.06	26.61	24.39	27.07	24.76	33.77	36.19	39.84	39.21	33.82	32.68	30.77
	0.29	0.28	0.26	0.18	0.28	0.27	0.31	0.30	0.31	0.30	0.33	0.28	0.25	0.29	0.25	0.16	0.15	0.19	0.27	0.26	0.47	0.32	0.40	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.37	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.03	0.00	0.00
ALBANY_1_SOLAR 323833	31.38	33.52	33.62	30.93	31.39	30.07	37.63	44.25	44.49	30.67	32.92	31.17	27.16	26.71	24.45	27.21	24.93	34.41	36.96	40.60	39.71	34.34	33.11	31.10
	0.95	0.98	1.02	1.02	0.98	1.00	1.24	1.39	1.43	0.89	0.70	0.57	0.36	0.39	0.31	0.30	0.31	0.83	1.04	1.16	0.97	0.91	0.83	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.24	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
ALBANY_2_SOLAR 323834	31.37	33.51	33.61	30.92	31.38	30.06	37.62	44.24	44.49	30.67	32.91	31.16	27.16	26.70	24.45	27.21	24.93	34.41	36.96	40.59	39.71	34.33	33.11	31.09
	0.94	0.97	1.01	1.02	0.97	0.99	1.23	1.37	1.42	0.88	0.70	0.56	0.35	0.39	0.31	0.30	0.31	0.83	1.03	1.15	0.97	0.90	0.82	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.24	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00
ALBANY___1 23571	30.93	33.03	33.13	30.47	30.90	29.60	36.98	43.50	43.83	30.34	32.70	30.98	27.10	26.59	24.35	27.22	24.89	34.05	36.44	39.93	39.05	33.85	32.64	30.63
	0.51	0.49	0.53	0.57	0.49	0.54	0.59	0.63	0.76	0.55	0.49	0.38	0.29	0.28	0.21	0.31	0.28	0.47	0.52	0.49	0.31	0.42	0.36	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.24	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.09	0.00	0.00

ALBANY___2 23572	30.93 0.51 0.00	33.03 0.49 0.00	33.13 0.53 0.00	30.47 0.57 0.00	30.90 0.49 0.00	29.60 0.54 0.00	36.98 0.59 0.04	43.50 0.63 1.24	43.83 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.05 0.47 0.00	36.44 0.52 0.00	39.93 0.49 0.21	39.05 0.31 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
ALBANY___3 23573	30.93 0.51 0.00	33.03 0.49 0.00	33.13 0.53 0.00	30.47 0.57 0.00	30.90 0.49 0.00	29.60 0.54 0.00	36.98 0.59 0.04	43.50 0.63 1.24	43.83 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.05 0.47 0.00	36.44 0.52 0.00	39.93 0.49 0.21	39.05 0.31 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
ALBANY___4 23574	30.93 0.51 0.00	33.03 0.49 0.00	33.13 0.53 0.00	30.47 0.57 0.00	30.90 0.49 0.00	29.60 0.54 0.00	36.98 0.59 0.04	43.50 0.63 1.24	43.83 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.05 0.47 0.00	36.44 0.52 0.00	39.93 0.49 0.21	39.05 0.31 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
ALBANY___LFGE 323615	31.16 0.73 0.00	33.26 0.72 0.00	33.36 0.76 0.00	30.67 0.77 0.00	31.10 0.69 0.00	29.82 0.75 0.00	37.29 0.90 0.04	43.88 1.02 1.25	44.22 1.16 1.41	30.58 0.80 0.00	32.97 0.76 0.00	31.22 0.62 0.00	27.30 0.49 0.00	26.79 0.48 0.00	24.54 0.39 0.00	27.43 0.53 0.00	25.09 0.48 0.00	34.34 0.75 0.00	36.75 0.83 0.00	40.27 0.84 0.21	39.39 0.65 0.00	34.12 0.69 0.09	32.90 0.62 0.00	30.85 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	30.91 0.33 -0.15	34.68 0.32 -1.83	34.73 0.30 -1.84	31.86 0.21 -1.75	32.50 0.32 -1.77	31.09 0.30 -1.72	38.78 0.38 -1.97	46.30 0.39 -1.81	46.52 0.37 -1.68	31.79 0.32 -1.69	33.89 0.34 -1.35	30.88 0.28 0.00	27.60 0.25 -0.55	26.61 0.30 0.00	24.41 0.27 0.00	27.49 0.18 -0.40	24.78 0.16 0.00	33.81 0.23 0.00	36.24 0.32 0.00	39.91 0.34 0.07	39.31 0.57 0.00	34.79 0.40 -0.88	33.66 0.46 -0.91	30.82 0.49 0.00
ALCOA_RYNLDS___DRP 24188	30.91 0.33 -0.15	34.68 0.32 -1.83	34.73 0.30 -1.84	31.86 0.21 -1.75	32.50 0.32 -1.77	31.09 0.30 -1.72	38.78 0.38 -1.97	46.30 0.39 -1.81	46.52 0.37 -1.68	31.79 0.32 -1.69	33.89 0.34 -1.35	30.88 0.28 0.00	27.60 0.25 -0.55	26.61 0.30 0.00	24.41 0.27 0.00	27.49 0.18 -0.40	24.78 0.16 0.00	33.81 0.23 0.00	36.24 0.32 0.00	39.91 0.34 0.07	39.31 0.57 0.00	34.79 0.40 -0.88	33.66 0.46 -0.91	30.82 0.49 0.00
ALCOA___DSASP 323711	30.91 0.33 -0.15	34.68 0.31 -1.83	34.73 0.29 -1.84	31.87 0.21 -1.75	32.49 0.31 -1.77	31.08 0.30 -1.72	38.78 0.38 -1.97	46.29 0.37 -1.81	46.50 0.35 -1.68	31.79 0.31 -1.69	33.88 0.32 -1.35	30.87 0.27 0.00	27.60 0.25 -0.55	26.61 0.30 0.00	24.41 0.27 0.00	27.49 0.18 -0.40	24.78 0.17 0.00	33.82 0.23 0.00	36.24 0.32 0.00	39.91 0.34 0.07	39.31 0.56 0.00	34.79 0.40 -0.88	33.66 0.46 -0.91	30.82 0.49 0.00
ALLEGHENY___COGEN 23514	41.15 -1.35 -12.07	56.42 -1.32 -25.20	56.29 -1.47 -25.16	52.71 -1.32 -24.13	52.46 -1.19 -23.24	39.75 -1.14 -11.82	51.66 -1.18 -16.40	43.40 -1.01 -0.31	47.20 -1.49 -4.22	28.20 -1.59 0.00	31.59 -0.63 0.00	30.81 0.21 0.00	26.71 -0.11 -0.01	25.83 -0.49 0.00	23.80 -0.35 0.00	26.55 -0.35 0.00	24.28 -0.33 0.00	48.73 -0.71 -15.85	44.39 -0.76 -9.23	59.34 -0.49 -20.19	67.27 -0.43 -28.96	48.27 -0.72 -15.47	31.76 -0.53 0.00	29.85 -0.48 0.00
ALTAMONT_115KV_TB 2 55880	31.03 0.60 0.00	33.16 0.63 0.00	33.27 0.67 0.00	30.56 0.66 0.00	31.00 0.59 0.00	29.67 0.60 0.00	37.18 0.79 0.04	43.77 0.90 1.24	44.05 0.98 1.40	30.42 0.63 0.00	32.81 0.60 0.00	31.09 0.49 0.00	27.20 0.40 0.00	26.70 0.38 0.00	24.48 0.34 0.00	27.33 0.43 0.00	24.99 0.38 0.00	34.19 0.60 0.00	36.61 0.69 0.00	40.19 0.76 0.21	39.35 0.61 0.00	34.02 0.60 0.09	32.82 0.53 0.00	30.78 0.45 0.00
ALTONA_WT_PWR 323606	25.20 -0.86 4.36	-20.68 -1.23 51.99	-20.79 -1.14 52.25	-20.84 -1.02 49.72	-20.83 -1.10 50.15	-20.85 -1.02 48.90	-20.92 -1.00 56.35	-21.47 -1.21 64.36	-20.81 -1.32 63.97	-20.82 -0.87 49.74	-8.18 -0.76 39.64	29.74 -0.86 0.00	9.94 -0.75 16.12	26.07 -0.24 0.00	23.71 -0.43 0.00	14.02 -0.98 0.00	23.99 -0.62 0.00	33.60 0.02 0.00	36.48 0.56 0.00	39.34 -0.24 0.07	38.53 -0.21 0.00	5.79 -1.02 26.71	4.18 -1.21 26.89	29.46 -0.87 0.00
AMERICAN_REF_FUEL 24010	24.62 -2.99 2.81	23.74 -3.10 5.70	23.64 -3.28 5.68	21.43 -3.02 5.45	22.34 -2.82 5.25	23.65 -2.74 2.67	28.86 -3.74 3.83	35.70 -4.43 3.98	34.48 -4.46 5.53	27.02 -2.77 0.00	29.90 -2.32 0.00	28.86 -1.74 0.00	25.24 -1.56 0.00	24.61 -1.71 0.00	22.42 -1.72 0.00	24.97 -1.94 0.00	22.71 -1.90 0.00	26.88 -3.12 3.59	30.29 -3.55 2.09	30.33 -4.07 5.24	28.72 -3.47 6.55	26.51 -3.22 3.79	29.75 -2.54 0.00	28.28 -2.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.02 -3.13 1.28	26.76 -3.28 2.49	26.70 -3.41 2.49	24.37 -3.14 2.39	25.17 -2.94 2.30	25.81 -2.08 1.17	32.19 -2.50 1.73	38.14 -2.55 3.41	37.91 -2.18 4.38	27.75 -2.04 0.00	30.35 -1.86 0.00	28.88 -1.72 0.00	25.24 -1.56 0.00	25.26 -1.06 0.00	23.40 -0.74 0.00	26.10 -0.80 0.00	23.65 -0.97 0.00	29.54 -2.47 1.57	31.91 -3.10 0.91	33.69 -3.36 2.59	32.82 -3.05 2.87	28.92 -2.81 1.79	30.06 -2.23 0.00	28.25 -2.08 0.00
ARTHUR KILL_GT_1 23520	53.05 1.44 -21.18	52.76 1.55 -18.68	52.76 1.56 -18.60	52.31 1.39 -21.01	52.71 1.26 -21.04	53.34 1.28 -22.99	54.10 2.00 -15.67	54.86 2.65 -8.11	60.77 2.40 -13.89	55.03 1.44 -23.80	64.39 1.67 -30.51	60.06 1.50 -27.97	57.21 1.41 -28.99	57.20 1.36 -29.53	57.19 1.20 -31.86	56.84 1.40 -28.54	73.67 1.38 -47.68	81.52 1.82 -46.12	91.86 1.95 -53.99	92.06 2.33 -50.09	92.00 2.00 -51.26	91.94 1.74 -56.68	63.97 1.56 -30.12	62.52 1.34 -30.85
ARTHUR_KILL_2 23512	52.97 1.36 -21.18	52.69 1.47 -18.68	52.69 1.49 -18.60	52.23 1.32 -21.01	52.63 1.18 -21.04	53.26 1.20 -22.99	53.99 1.89 -15.67	54.74 2.53 -8.11	60.64 2.27 -13.89	54.95 1.37 -23.80	64.29 1.58 -30.51	59.99 1.42 -27.97	57.14 1.34 -28.99	57.14 1.29 -29.53	57.14 1.15 -31.86	56.78 1.34 -28.54	73.61 1.32 -47.68	81.42 1.72 -46.12	91.76 1.84 -53.99	91.93 2.20 -50.09	91.88 1.87 -51.26	91.83 1.64 -56.68	63.87 1.47 -30.12	62.44 1.25 -30.85
ARTHUR_KILL_3 23513	53.22 1.05 -21.74	52.63 1.09 -19.01	52.29 1.08 -18.61	51.92 1.00 -21.02	52.34 0.88 -21.05	52.99 0.93 -22.99	53.87 1.54 -15.90	54.34 2.12 -8.12	58.60 1.96 -12.16	44.94 1.23 -13.92	52.14 1.40 -18.53	58.33 1.26 -26.48	38.16 1.19 -10.17	33.01 1.13 -5.57	29.90 1.01 -4.76	32.57 1.19 -4.48	56.97 1.19 -31.16	77.52 1.55 -42.39	87.61 1.58 -50.10	91.61 1.89 -50.08	91.53 1.53 -51.25	91.02 1.28 -56.22	63.48 1.09 -30.12	61.65 0.83 -30.49

ARTHUR_KILL_COGEN 323718	53.05 1.44 -21.18	52.76 1.55 -18.68	52.76 1.56 -18.60	52.31 1.39 -21.01	52.71 1.26 -21.04	53.34 1.28 -22.99	54.10 2.00 -15.67	54.86 2.65 -8.11	60.77 2.40 -13.89	55.03 1.44 -23.80	64.39 1.67 -30.51	60.06 1.50 -27.97	57.21 1.41 -28.99	57.20 1.36 -29.53	57.19 1.20 -31.86	56.84 1.40 -28.54	73.67 1.38 -47.68	81.52 1.82 -46.12	91.86 1.95 -53.99	92.06 2.33 -50.09	92.00 2.00 -51.26	91.94 1.74 -56.68	63.97 1.56 -30.12	62.52 1.34 -30.85
ASHOKAN____ 23654	31.91 1.48 0.00	34.07 1.53 0.00	34.14 1.55 0.00	31.35 1.45 0.00	31.83 1.42 0.00	30.54 1.48 0.00	38.48 2.09 0.04	45.52 2.67 1.26	45.76 2.71 1.43	31.57 1.78 0.00	33.99 1.77 0.00	32.12 1.52 0.00	27.96 1.15 0.00	27.41 1.09 0.00	25.06 0.92 0.00	28.03 1.12 0.00	25.69 1.08 0.00	35.35 1.77 0.00	37.98 2.06 0.00	41.85 2.42 0.21	40.91 2.17 0.00	35.27 1.85 0.09	33.91 1.63 0.00	31.73 1.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.62 1.18 -0.01	33.82 1.28 -0.01	33.88 1.28 -0.01	31.09 1.18 -0.01	31.39 0.98 0.00	30.03 0.97 0.00	37.93 1.54 0.04	45.02 2.19 1.27	45.09 2.07 1.46	31.09 1.31 0.00	33.72 1.51 0.01	31.97 1.38 0.01	28.07 1.27 0.01	27.52 1.22 0.01	25.20 1.07 0.01	28.13 1.23 0.01	25.82 1.21 0.01	35.19 1.62 0.01	37.57 1.65 0.01	41.32 1.90 0.23	40.30 1.57 0.01	34.83 1.41 0.10	33.51 1.23 0.01	31.28 0.96 0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.64 1.20 -0.01	33.83 1.28 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.03 0.96 0.00	37.93 1.54 0.04	45.02 2.19 1.27	45.09 2.07 1.46	31.09 1.31 0.00	33.72 1.51 0.01	31.97 1.38 0.01	28.07 1.27 0.01	27.52 1.22 0.01	25.20 1.07 0.01	28.13 1.23 0.01	25.82 1.21 0.01	35.19 1.62 0.01	37.56 1.65 0.01	41.32 1.90 0.23	40.30 1.57 0.01	34.83 1.41 0.10	33.51 1.23 0.01	31.28 0.96 0.01
ASTORIA_GT2_1 24094	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT2_2 24095	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT2_3 24096	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT2_4 24097	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT3_1 24098	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT3_2 24099	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT3_3 24100	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT3_4 24101	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT4_1 24102	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT4_2 24103	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT4_3 24104	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01

ASTORIA_GT4_4 24105	31.64 1.20 -0.01	33.84 1.30 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.98 0.00	37.95 1.56 0.04	45.05 2.22 1.27	45.11 2.10 1.46	31.11 1.32 0.00	33.74 1.53 0.01	31.98 1.39 0.01	28.07 1.28 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.21 1.64 0.01	37.59 1.67 0.01	41.34 1.91 0.22	40.33 1.59 0.00	34.85 1.43 0.10	33.52 1.24 0.00	31.29 0.97 0.01
ASTORIA_GT_1 23523	31.67 1.24 -0.01	33.87 1.33 -0.01	33.94 1.33 -0.01	31.12 1.22 -0.01	31.44 1.03 0.00	30.07 1.01 0.00	38.00 1.60 0.04	45.11 2.28 1.27	45.17 2.16 1.46	31.15 1.36 0.00	33.77 1.56 0.01	32.02 1.43 0.01	28.12 1.32 0.01	27.56 1.26 0.01	25.24 1.11 0.01	28.17 1.28 0.01	25.85 1.25 0.01	35.25 1.67 0.01	37.62 1.71 0.01	41.37 1.95 0.23	40.37 1.64 0.01	34.89 1.47 0.10	33.56 1.28 0.01	31.33 1.01 0.01
ASTORIA_GT_10 24110	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
ASTORIA_GT_11 24225	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
ASTORIA_GT_12 24226	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
ASTORIA_GT_13 24227	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
ASTORIA_GT_5 24106	31.68 1.25 -0.01	33.88 1.34 -0.01	33.94 1.34 -0.01	31.13 1.22 -0.01	31.43 1.02 0.00	30.07 1.00 0.00	38.00 1.60 0.04	45.11 2.28 1.27	45.17 2.16 1.46	31.15 1.37 0.00	33.78 1.57 0.01	32.02 1.44 0.01	28.12 1.32 0.01	27.57 1.26 0.01	25.24 1.11 0.01	28.17 1.27 0.01	25.85 1.25 0.01	35.25 1.68 0.01	37.63 1.71 0.01	41.40 1.97 0.22	40.38 1.64 0.00	34.89 1.47 0.10	33.57 1.29 0.00	31.33 1.01 0.01
ASTORIA_GT_7 24107	31.68 1.25 -0.01	33.88 1.34 -0.01	33.94 1.34 -0.01	31.13 1.22 -0.01	31.43 1.02 0.00	30.07 1.00 0.00	38.00 1.60 0.04	45.11 2.28 1.27	45.17 2.16 1.46	31.15 1.37 0.00	33.78 1.57 0.01	32.02 1.44 0.01	28.12 1.32 0.01	27.57 1.26 0.01	25.24 1.11 0.01	28.17 1.27 0.01	25.85 1.25 0.01	35.25 1.68 0.01	37.63 1.71 0.01	41.40 1.97 0.22	40.38 1.64 0.00	34.89 1.47 0.10	33.57 1.29 0.00	31.33 1.01 0.01
ASTORIA_GT_8 24108	31.68 1.25 -0.01	33.88 1.34 -0.01	33.94 1.34 -0.01	31.13 1.22 -0.01	31.43 1.02 0.00	30.07 1.00 0.00	38.00 1.60 0.04	45.11 2.28 1.27	45.17 2.16 1.46	31.15 1.37 0.00	33.78 1.57 0.01	32.02 1.44 0.01	28.12 1.32 0.01	27.57 1.26 0.01	25.24 1.11 0.01	28.17 1.27 0.01	25.85 1.25 0.01	35.25 1.68 0.01	37.63 1.71 0.01	41.40 1.97 0.22	40.38 1.64 0.00	34.89 1.47 0.10	33.57 1.29 0.00	31.33 1.01 0.01
ASTORIA___2 24149	31.64 1.20 -0.01	33.83 1.28 -0.01	33.90 1.29 -0.01	31.09 1.19 -0.01	31.40 0.99 0.00	30.04 0.97 0.00	37.96 1.56 0.04	45.05 2.22 1.27	45.11 2.09 1.46	31.11 1.32 0.00	33.73 1.52 0.01	31.98 1.39 0.01	28.07 1.27 0.01	27.53 1.22 0.01	25.21 1.08 0.01	28.14 1.24 0.01	25.83 1.22 0.01	35.20 1.63 0.01	37.58 1.67 0.01	41.32 1.90 0.23	40.32 1.59 0.01	34.84 1.42 0.10	33.51 1.24 0.01	31.29 0.97 0.01
ASTORIA___3 23516	31.80 1.37 -0.01	33.98 1.44 -0.01	34.03 1.43 -0.01	31.21 1.31 -0.01	31.59 1.18 0.00	30.29 1.22 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.19 1.76 -37.22	66.73 1.61 -34.53	47.59 1.47 -19.31	51.95 1.40 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.62 1.88 -16.16	44.21 1.94 -6.35	41.66 2.22 0.20	41.05 1.89 -0.42	38.29 1.64 -3.13	34.17 1.45 -0.45	33.09 1.16 -1.59
ASTORIA___4 23517	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
ASTORIA___5 23518	31.80 1.37 -0.01	33.98 1.44 -0.01	34.03 1.43 -0.01	31.21 1.31 -0.01	31.59 1.18 0.00	30.29 1.22 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.19 1.76 -37.22	66.73 1.60 -34.53	47.59 1.47 -19.31	51.95 1.40 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.62 1.88 -16.16	44.21 1.94 -6.35	41.66 2.22 0.20	41.05 1.89 -0.42	38.29 1.64 -3.13	34.17 1.45 -0.45	33.09 1.16 -1.59
AST_ENERGY_2_CC3 323677	31.67 1.24 0.00	33.84 1.30 0.00	33.88 1.28 0.00	31.08 1.18 0.00	31.46 1.06 0.00	30.16 1.09 0.00	38.11 1.72 0.04	45.16 2.33 1.27	45.23 2.21 1.45	31.18 1.38 0.00	33.83 1.62 0.00	32.06 1.46 0.00	28.16 1.35 0.00	27.60 1.28 0.00	25.26 1.12 0.00	28.21 1.30 0.00	25.92 1.31 0.00	35.32 1.74 0.00	37.70 1.78 0.00	41.49 2.07 0.22	40.47 1.73 0.00	34.90 1.48 0.09	33.56 1.28 0.00	31.34 1.01 0.00
AST_ENERGY_2_CC4 323678	31.67 1.24 0.00	33.84 1.30 0.00	33.88 1.28 0.00	31.08 1.18 0.00	31.46 1.06 0.00	30.16 1.09 0.00	38.11 1.72 0.04	45.16 2.33 1.27	45.23 2.21 1.45	31.18 1.38 0.00	33.83 1.62 0.00	32.06 1.46 0.00	28.16 1.35 0.00	27.60 1.28 0.00	25.26 1.12 0.00	28.21 1.30 0.00	25.92 1.31 0.00	35.32 1.74 0.00	37.70 1.78 0.00	41.49 2.07 0.22	40.47 1.73 0.00	34.90 1.48 0.09	33.56 1.28 0.00	31.34 1.01 0.00

ATHENS_STG_1 23668	31.15 0.72 0.00	33.30 0.76 0.00	33.40 0.80 0.00	30.66 0.76 0.00	31.08 0.67 0.00	29.74 0.67 0.00	37.35 0.96 0.04	44.02 1.19 1.28	44.24 1.22 1.45	30.56 0.77 0.00	33.04 0.82 0.00	31.32 0.72 0.00	27.45 0.64 0.00	26.94 0.62 0.00	24.71 0.57 0.00	27.57 0.66 0.00	25.23 0.62 0.00	34.44 0.86 0.00	36.83 0.91 0.00	40.45 1.02 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.96 0.68 0.00	30.87 0.54 0.00
ATHENS_STG_2 23670	31.15 0.72 0.00	33.30 0.76 0.00	33.40 0.80 0.00	30.66 0.76 0.00	31.08 0.67 0.00	29.74 0.67 0.00	37.35 0.96 0.04	44.02 1.19 1.28	44.24 1.22 1.45	30.56 0.77 0.00	33.04 0.82 0.00	31.32 0.72 0.00	27.45 0.64 0.00	26.94 0.62 0.00	24.71 0.57 0.00	27.57 0.66 0.00	25.23 0.62 0.00	34.44 0.86 0.00	36.83 0.91 0.00	40.45 1.02 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.96 0.68 0.00	30.87 0.54 0.00
ATHENS_STG_3 23677	31.15 0.72 0.00	33.30 0.76 0.00	33.40 0.80 0.00	30.66 0.76 0.00	31.08 0.67 0.00	29.74 0.67 0.00	37.35 0.96 0.04	44.02 1.19 1.28	44.24 1.22 1.45	30.56 0.77 0.00	33.04 0.82 0.00	31.32 0.72 0.00	27.45 0.64 0.00	26.94 0.62 0.00	24.71 0.57 0.00	27.57 0.66 0.00	25.23 0.62 0.00	34.44 0.86 0.00	36.83 0.91 0.00	40.45 1.02 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.96 0.68 0.00	30.87 0.54 0.00
AUBURN___LFGE 323710	29.98 -0.47 -0.02	32.16 -0.38 0.00	32.21 -0.39 0.00	29.57 -0.33 0.00	30.09 -0.32 0.00	28.75 -0.32 0.00	36.02 -0.34 0.07	41.39 -0.47 2.24	41.26 -0.61 2.60	29.28 -0.51 0.00	31.73 -0.48 0.00	30.27 -0.33 0.00	26.48 -0.33 0.00	25.92 -0.40 0.00	23.82 -0.32 0.00	26.61 -0.30 0.00	24.41 -0.20 0.00	33.33 -0.24 0.00	35.67 -0.25 0.00	39.00 -0.25 0.39	38.51 -0.23 0.00	32.98 -0.37 0.17	31.91 -0.37 0.00	30.02 -0.31 0.00
BABYLON_RES_REC 323704	31.99 1.57 0.00	34.21 1.67 0.00	34.21 1.61 0.00	31.35 1.45 0.00	31.74 1.33 0.00	30.50 1.44 0.00	38.42 2.04 0.04	45.35 2.52 1.27	45.37 2.35 1.45	31.29 1.50 0.00	33.97 1.76 0.00	32.09 1.49 0.00	28.02 1.21 0.00	27.42 1.11 0.00	25.17 1.03 0.00	28.26 1.36 0.00	25.98 1.37 0.00	35.39 1.81 0.00	37.77 1.85 0.00	41.65 2.23 0.22	40.44 1.70 0.00	34.93 1.51 0.09	33.68 1.40 0.00	33.06 1.13 -1.60
BABYLON__69_KV_BK2 356345	32.29 1.86 0.00	34.52 1.99 0.00	34.52 1.93 0.00	31.63 1.72 0.00	32.03 1.62 0.00	30.80 1.74 0.00	38.82 2.43 0.04	45.81 2.98 1.27	45.80 2.79 1.45	31.57 1.78 0.00	34.24 2.03 0.00	32.33 1.73 0.00	28.20 1.39 0.00	27.59 1.27 0.00	25.32 1.18 0.00	28.46 1.55 0.00	26.19 1.57 0.00	35.70 2.12 0.00	38.14 2.22 0.00	42.10 2.67 0.22	40.84 2.10 0.00	35.24 1.82 0.09	33.95 1.67 0.00	33.13 1.35 -1.45
BALL_HILL_WT_PWR 323825	26.06 -2.54 1.83	26.28 -2.63 3.63	26.21 -2.77 3.62	23.87 -2.55 3.48	24.63 -2.43 3.35	25.40 -1.96 1.70	31.54 -2.42 2.48	37.95 -2.57 3.59	37.31 -2.40 4.76	27.92 -1.86 0.00	30.67 -1.54 0.00	29.38 -1.22 0.00	25.68 -1.13 0.00	25.38 -0.93 0.00	23.38 -0.76 0.00	26.00 -0.91 0.00	23.66 -0.95 0.00	29.24 -2.06 2.29	31.97 -2.62 1.33	33.28 -2.84 3.53	31.96 -2.61 4.17	28.58 -2.45 2.50	30.37 -1.91 0.00	28.62 -1.71 0.00
BARON_WINDS___WT_PWR 323822	-0.74 -2.84 28.33	-28.67 -2.84 58.37	-28.63 -2.96 58.28	-28.68 -2.69 55.90	-26.14 -2.72 53.83	-0.95 -2.64 27.38	-4.96 -3.07 38.31	30.33 -3.32 10.46	19.83 -3.45 21.19	27.57 -2.22 0.00	30.77 -1.44 0.00	29.62 -0.98 0.00	25.47 -1.32 0.02	24.69 -1.63 0.00	22.72 -1.42 0.00	25.32 -1.59 0.00	23.19 -1.42 0.00	-5.29 -2.15 36.72	12.07 -2.47 21.38	-11.40 -2.59 48.45	-31.22 -2.88 67.08	-5.81 -2.77 36.56	29.89 -2.40 0.00	28.07 -2.26 0.00
BARRETT_IC_1 23704	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_10 23701	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_11 23702	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_12 23703	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_2 23705	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_3 23706	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_4 23707	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91

BARRETT_IC_5 23708	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_6 23709	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_7 23710	31.82 1.39 0.00	34.03 1.49 0.00	34.03 1.43 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.18 0.00	37.97 1.58 0.04	44.84 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.72 1.51 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.65 0.00	41.39 1.97 0.22	40.27 1.54 0.00	34.85 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_8 23711	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT_IC_9 23700	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT___1 23545	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BARRETT___2 23546	31.81 1.38 0.00	34.01 1.48 0.00	34.02 1.42 0.00	31.21 1.31 0.00	31.54 1.13 0.00	30.24 1.17 0.00	37.97 1.58 0.04	44.85 2.02 1.27	44.92 1.90 1.45	31.09 1.30 0.00	33.73 1.52 0.00	31.91 1.31 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.10 0.96 0.00	28.13 1.23 0.00	25.84 1.22 0.00	35.20 1.62 0.00	37.57 1.64 0.00	41.39 1.96 0.22	40.27 1.53 0.00	34.84 1.42 0.09	33.59 1.31 0.00	52.33 1.09 -20.91
BATAVIA__115KV_TB1 55881	26.51 -1.68 2.24	26.27 -1.75 4.52	26.17 -1.92 4.51	23.82 -1.75 4.33	24.68 -1.56 4.17	25.51 -1.44 2.12	31.47 -1.90 3.06	38.15 -2.07 3.88	37.03 -2.20 5.24	28.34 -1.44 0.00	31.40 -0.82 0.00	30.33 -0.27 0.00	26.53 -0.27 0.00	25.74 -0.57 0.00	23.09 -1.05 0.00	25.77 -1.13 0.00	23.48 -1.13 0.00	28.76 -1.98 2.84	32.10 -2.17 1.66	33.50 -1.85 4.29	32.17 -1.38 5.19	29.01 -1.44 3.06	31.27 -1.01 0.00	29.59 -0.74 0.00
BAYONEEC___CTG1 323682	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG10 323750	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG2 323683	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG3 323684	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG4 323685	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG5 323686	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG6 323687	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00

BAYONEEC___CTG7 323688	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG8 323689	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BAYONEEC___CTG9 323749	31.62 1.19 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.12 1.06 0.00	38.08 1.70 0.04	45.12 2.29 1.27	45.19 2.17 1.45	31.16 1.37 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.57 1.25 0.00	25.25 1.11 0.00	28.21 1.30 0.00	25.90 1.29 0.00	35.28 1.70 0.00	37.66 1.74 0.00	41.47 2.05 0.22	40.44 1.70 0.00	34.86 1.44 0.09	33.52 1.24 0.00	31.30 0.97 0.00
BEACON___LESR 323632	31.29 0.86 0.00	33.41 0.88 0.00	33.47 0.87 0.00	30.75 0.85 0.00	31.23 0.83 0.00	30.00 0.93 0.00	37.54 1.15 0.04	44.21 1.35 1.24	44.56 1.49 1.41	30.72 0.93 0.00	33.09 0.88 0.00	31.35 0.76 0.00	27.38 0.57 0.00	26.91 0.60 0.00	24.60 0.46 0.00	27.53 0.62 0.00	25.14 0.53 0.00	34.58 1.00 0.00	37.01 1.09 0.00	40.63 1.19 0.21	39.69 0.95 0.00	34.34 0.91 0.09	33.09 0.81 0.00	31.00 0.68 0.00
BEAVER RIVER___HYD 24048	29.41 -1.29 -0.28	34.40 -1.42 -3.29	34.46 -1.44 -3.31	31.72 -1.33 -3.14	32.44 -1.14 -3.17	31.08 -1.08 -3.09	38.92 -1.03 -3.52	45.38 -1.32 -2.60	45.38 -1.28 -2.20	31.65 -1.10 -2.96	33.33 -1.24 -2.36	29.61 -0.98 0.00	26.78 -0.98 -0.96	25.22 -1.09 0.00	23.47 -0.67 0.00	27.03 -0.58 -0.71	23.87 -0.74 0.00	32.54 -1.04 0.00	34.99 -0.93 0.00	38.45 -0.95 0.23	38.16 -0.58 0.00	34.71 -0.29 -1.49	33.37 -0.51 -1.60	29.34 -0.99 0.00
BEEBEE_GT_13 23619	28.39 -1.44 0.60	29.92 -1.47 1.15	29.87 -1.59 1.14	27.35 -1.45 1.10	28.03 -1.33 1.06	27.26 -1.27 0.54	33.84 -1.73 0.86	38.59 -1.97 3.54	38.05 -2.10 4.33	28.38 -1.41 0.00	31.18 -1.03 0.00	29.99 -0.61 0.00	26.29 -0.52 0.00	25.69 -0.63 0.00	23.46 -0.68 0.00	26.18 -0.73 0.00	23.85 -0.76 0.00	31.53 -1.33 0.72	34.00 -1.50 0.42	36.44 -1.67 1.53	36.07 -1.35 1.32	31.18 -1.36 0.97	31.18 -1.10 0.00	29.45 -0.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.30 1.70 -21.18	53.02 1.80 -18.68	52.98 1.77 -18.60	52.54 1.63 -21.01	52.96 1.51 -21.04	53.60 1.54 -22.99	54.38 2.28 -15.67	55.26 3.05 -8.11	61.27 2.91 -13.89	99.36 1.83 -67.74	89.12 2.06 -54.85	92.23 1.90 -59.72	57.54 1.74 -28.99	57.52 1.67 -29.53	57.49 1.50 -31.86	60.45 1.73 -31.80	80.51 1.69 -54.21	92.29 2.24 -56.47	92.27 2.35 -53.99	92.46 2.74 -50.09	92.39 2.39 -51.26	92.25 2.05 -56.68	64.24 1.84 -30.12	62.71 1.53 -30.85
BETHLEHEM___GRP 23843	30.93 0.51 0.00	33.03 0.49 0.00	33.13 0.53 0.00	30.47 0.57 0.00	30.90 0.49 0.00	29.60 0.54 0.00	36.98 0.59 0.04	43.50 0.63 1.24	43.83 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.05 0.47 0.00	36.44 0.52 0.00	39.93 0.49 0.21	39.05 0.31 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
BETHLEHEM___GS1 323560	30.93 0.50 0.00	33.02 0.48 0.00	33.11 0.51 0.00	30.46 0.56 0.00	30.88 0.47 0.00	29.60 0.53 0.00	36.98 0.59 0.04	43.50 0.64 1.24	43.82 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.04 0.46 0.00	36.43 0.51 0.00	39.92 0.49 0.21	39.04 0.30 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
BETHLEHEM___GS2 323561	30.93 0.50 0.00	33.02 0.48 0.00	33.11 0.51 0.00	30.46 0.56 0.00	30.88 0.47 0.00	29.60 0.53 0.00	36.98 0.59 0.04	43.50 0.64 1.24	43.82 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.04 0.46 0.00	36.43 0.51 0.00	39.92 0.49 0.21	39.04 0.30 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
BETHLEHEM___GS3 323562	30.93 0.50 0.00	33.02 0.48 0.00	33.11 0.51 0.00	30.46 0.56 0.00	30.88 0.47 0.00	29.60 0.53 0.00	36.98 0.59 0.04	43.50 0.64 1.24	43.82 0.76 1.41	30.34 0.55 0.00	32.70 0.49 0.00	30.98 0.38 0.00	27.10 0.29 0.00	26.59 0.28 0.00	24.35 0.21 0.00	27.22 0.31 0.00	24.89 0.28 0.00	34.04 0.46 0.00	36.43 0.51 0.00	39.92 0.49 0.21	39.04 0.30 0.00	33.85 0.42 0.09	32.64 0.36 0.00	30.63 0.30 0.00
BETHLEHEM___STEEL 23779	26.06 -2.10 2.26	25.82 -2.18 4.54	25.72 -2.35 4.54	23.35 -2.20 4.35	24.22 -2.00 4.19	25.06 -1.88 2.13	30.85 -2.51 3.08	37.50 -2.84 3.76	36.52 -2.85 5.10	28.01 -1.78 0.00	31.00 -1.22 0.00	29.86 -0.74 0.00	26.13 -0.68 0.00	25.53 -0.79 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.61 -1.00 0.00	28.85 -1.87 2.86	31.97 -2.29 1.67	32.68 -2.68 4.29	31.31 -2.21 5.22	28.35 -2.10 3.07	30.75 -1.53 0.00	29.12 -1.21 0.00
BETHLHEM_115KV_TB1 79974	30.96 0.53 0.00	33.07 0.53 0.00	33.17 0.57 0.00	30.49 0.59 0.00	30.92 0.51 0.00	29.62 0.56 0.00	37.03 0.64 0.04	43.55 0.68 1.24	43.88 0.81 1.40	30.36 0.57 0.00	32.74 0.52 0.00	31.02 0.42 0.00	27.14 0.33 0.00	26.63 0.31 0.00	24.39 0.25 0.00	27.24 0.34 0.00	24.92 0.31 0.00	34.08 0.50 0.00	36.48 0.56 0.00	39.99 0.56 0.21	39.11 0.37 0.00	33.89 0.46 0.09	32.68 0.39 0.00	30.66 0.33 0.00
BETHPAGE_CC_5 323564	31.93 1.51 0.00	34.10 1.56 0.00	34.06 1.46 0.00	31.22 1.31 0.00	31.60 1.19 0.00	30.34 1.27 0.00	38.12 1.73 0.04	44.96 2.13 1.27	45.05 2.03 1.45	31.11 1.32 0.00	33.77 1.56 0.00	31.95 1.35 0.00	27.93 1.12 0.00	27.36 1.04 0.00	25.10 0.96 0.00	28.14 1.23 0.00	25.85 1.24 0.00	35.19 1.61 0.00	37.53 1.61 0.00	41.36 1.93 0.22	40.18 1.44 0.00	34.76 1.33 0.09	33.60 1.32 0.00	33.58 1.11 -2.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.31 -2.03 2.09	26.25 -2.11 4.18	26.14 -2.28 4.17	23.76 -2.14 4.00	24.62 -1.94 3.85	25.28 -1.82 1.96	31.19 -2.40 2.84	37.74 -2.67 3.70	36.82 -2.69 4.97	28.13 -1.66 0.00	31.12 -1.09 0.00	29.98 -0.62 0.00	26.22 -0.59 0.00	25.62 -0.69 0.00	23.39 -0.75 0.00	26.08 -0.83 0.00	23.70 -0.91 0.00	29.23 -1.73 2.63	32.21 -2.18 1.53	33.10 -2.56 3.98	31.81 -2.13 4.80	28.66 -2.02 2.84	30.85 -1.44 0.00	29.20 -1.13 0.00

BINGHAMTON___COGEN 23790	29.75 -0.64 0.03	31.91 -0.63 0.00	31.95 -0.65 0.00	29.33 -0.56 0.00	29.80 -0.61 0.00	28.48 -0.58 0.00	35.73 -0.63 0.07	41.27 -0.59 2.24	41.18 -0.69 2.61	29.25 -0.53 0.00	31.83 -0.38 0.00	30.41 -0.19 0.00	26.58 -0.23 0.00	26.03 -0.28 0.00	23.92 -0.22 0.00	26.63 -0.28 0.00	24.36 -0.24 0.00	33.27 -0.31 0.00	35.42 -0.49 0.00	38.75 -0.50 0.39	38.20 -0.54 0.00	32.81 -0.54 0.17	31.81 -0.47 0.00	29.85 -0.48 0.00
BIXINCNT_115KV_LOAD 355685	26.84 -2.55 1.04	27.87 -2.68 1.99	27.79 -2.83 1.98	25.25 -2.75 1.90	26.12 -2.46 1.83	25.77 -2.37 0.93	32.37 -2.66 1.40	38.61 -2.17 3.33	38.14 -2.14 4.19	28.49 -1.30 0.00	31.50 -0.72 0.00	30.24 -0.36 0.00	26.16 -0.64 0.00	25.72 -0.59 0.00	23.66 -0.48 0.00	26.39 -0.52 0.00	23.71 -0.90 0.00	30.97 -1.36 1.25	32.57 -2.62 0.73	34.14 -3.33 2.17	33.15 -3.31 2.29	29.26 -2.79 1.47	30.38 -1.91 0.00	28.77 -1.56 0.00
BLACK RIVER___HYD 24047	29.39 -1.24 -0.20	33.59 -1.38 -2.43	33.63 -1.41 -2.44	30.95 -1.27 -2.32	31.63 -1.12 -2.34	30.34 -1.01 -2.28	38.11 -0.90 -2.58	44.32 -1.15 -1.37	44.13 -1.28 -0.93	30.73 -1.18 -2.12	32.69 -1.22 -1.69	29.57 -1.03 0.00	26.55 -0.95 -0.69	25.18 -1.14 0.00	23.68 -0.46 0.00	27.11 -0.31 -0.51	24.15 -0.46 0.00	32.76 -0.83 0.00	35.22 -0.71 0.00	38.65 -0.73 0.26	38.58 -0.16 0.00	34.66 0.11 -1.03	33.05 -0.38 -1.15	29.49 -0.84 0.00
BLACKRVR_115KV_TB2 79977	29.39 -1.24 -0.20	33.58 -1.38 -2.43	33.63 -1.41 -2.44	30.95 -1.27 -2.32	31.63 -1.12 -2.34	30.34 -1.01 -2.28	38.11 -0.90 -2.58	44.32 -1.15 -1.37	44.13 -1.28 -0.93	30.73 -1.18 -2.12	32.70 -1.21 -1.69	29.58 -1.03 0.00	26.55 -0.95 -0.69	25.18 -1.14 0.00	23.68 -0.46 0.00	27.11 -0.31 -0.51	24.15 -0.46 0.00	32.76 -0.83 0.00	35.21 -0.71 0.00	38.64 -0.74 0.26	38.58 -0.16 0.00	34.66 0.11 -1.03	33.05 -0.38 -1.15	29.49 -0.84 0.00
BLISS_WT_PWR 323608	26.60 -2.79 1.04	27.63 -2.92 1.99	27.55 -3.07 1.98	24.99 -3.00 1.90	25.92 -2.66 1.83	25.55 -2.58 0.93	32.18 -2.85 1.40	38.59 -2.19 3.33	38.15 -2.13 4.19	28.51 -1.28 0.00	31.51 -0.71 0.00	30.21 -0.39 0.00	26.02 -0.78 0.00	25.64 -0.68 0.00	23.63 -0.51 0.00	26.35 -0.55 0.00	23.61 -1.00 0.00	30.94 -1.39 1.25	32.33 -2.86 0.73	33.80 -3.67 2.17	32.69 -3.76 2.29	28.92 -3.13 1.47	30.12 -2.16 0.00	28.54 -1.79 0.00
BLUESTONE___WT_PWR 323821	28.89 -1.57 -0.04	30.93 -1.60 0.00	30.98 -1.62 0.00	28.52 -1.38 0.00	28.97 -1.44 0.00	27.78 -1.29 0.00	35.02 -1.34 0.07	40.60 -1.39 2.12	40.37 -1.65 2.45	28.51 -1.28 0.00	31.12 -1.09 0.00	29.81 -0.79 0.00	25.80 -1.01 0.00	24.81 -1.50 0.00	23.11 -1.03 0.00	26.04 -0.87 0.00	23.69 -0.92 0.00	32.88 -0.70 0.00	35.11 -0.81 0.00	38.65 -0.62 0.36	39.00 0.26 0.00	32.88 -0.48 0.16	32.09 -0.19 0.00	29.37 -0.95 0.00
BLUE_CIRC_CHEM_DRP 24182	31.19 0.76 0.00	33.34 0.80 0.00	33.44 0.84 0.00	30.74 0.85 0.00	31.20 0.79 0.00	29.87 0.80 0.00	37.36 0.97 0.04	43.94 1.07 1.24	44.21 1.14 1.40	30.51 0.72 0.00	32.83 0.62 0.00	31.12 0.52 0.00	27.18 0.38 0.00	26.70 0.39 0.00	24.46 0.32 0.00	27.25 0.35 0.00	24.94 0.33 0.00	34.27 0.69 0.00	36.73 0.81 0.00	40.31 0.88 0.21	39.45 0.71 0.00	34.12 0.69 0.09	32.92 0.64 0.00	30.91 0.58 0.00
BOC_GAS_DRP 24189	30.96 0.54 0.00	33.09 0.55 0.00	33.20 0.60 0.00	30.49 0.59 0.00	30.93 0.52 0.00	29.60 0.53 0.00	37.07 0.68 0.04	43.65 0.78 1.23	43.92 0.85 1.40	30.35 0.56 0.00	32.77 0.56 0.00	31.07 0.47 0.00	27.20 0.40 0.00	26.70 0.38 0.00	24.47 0.33 0.00	27.31 0.40 0.00	24.98 0.37 0.00	34.14 0.55 0.00	36.52 0.60 0.00	40.08 0.64 0.21	39.22 0.48 0.00	33.93 0.50 0.09	32.72 0.44 0.00	30.70 0.37 0.00
BOONVILLE_115KV_TB1 79983	30.22 -0.33 -0.12	33.65 -0.37 -1.48	33.70 -0.38 -1.49	30.99 -0.33 -1.42	31.58 -0.25 -1.43	30.24 -0.21 -1.39	37.95 -0.03 -1.55	44.16 -0.07 -0.12	44.14 0.02 0.35	30.84 -0.12 -0.17	32.96 -0.18 -0.93	30.49 -0.10 0.00	27.00 -0.18 -0.38	26.09 -0.23 0.00	24.05 -0.09 0.00	27.17 -0.01 -0.28	24.50 -0.11 0.00	33.57 -0.01 0.00	36.03 0.11 0.00	39.54 0.17 0.27	39.04 0.29 0.00	34.44 0.41 -0.51	33.21 0.30 -0.63	30.23 -0.10 0.00
BORALEX_4TH_BRANCH 23824	31.87 1.44 0.00	34.04 1.50 0.00	34.13 1.53 0.00	31.36 1.45 0.00	31.79 1.38 0.00	30.49 1.43 0.00	38.14 1.75 0.04	44.66 1.80 1.25	45.03 1.97 1.41	31.03 1.24 0.00	33.46 1.24 0.00	31.62 1.02 0.00	27.60 0.79 0.00	26.99 0.68 0.00	24.58 0.44 0.00	27.61 0.71 0.00	25.26 0.65 0.00	34.59 1.01 0.00	36.99 1.07 0.00	40.57 1.14 0.21	39.63 0.89 0.00	34.47 1.04 0.09	33.30 1.02 0.00	31.27 0.94 0.00
BOWLINE___1 23526	31.26 0.84 0.00	33.42 0.89 0.00	33.48 0.89 0.00	30.73 0.83 0.00	31.11 0.70 0.00	29.83 0.76 0.00	37.65 1.26 0.04	44.55 1.72 1.28	44.61 1.59 1.46	30.74 0.95 0.00	33.28 1.07 0.00	31.54 0.94 0.00	27.68 0.87 0.00	27.17 0.85 0.00	24.90 0.76 0.00	27.84 0.94 0.00	25.55 0.94 0.00	34.83 1.25 0.00	37.21 1.29 0.00	41.01 1.58 0.22	40.00 1.26 0.00	34.48 1.06 0.09	33.18 0.90 0.00	31.01 0.68 0.00
BOWLINE___2 23595	31.26 0.84 0.00	33.42 0.89 0.00	33.48 0.89 0.00	30.73 0.83 0.00	31.11 0.70 0.00	29.83 0.76 0.00	37.65 1.26 0.04	44.54 1.72 1.28	44.60 1.58 1.46	30.73 0.95 0.00	33.27 1.06 0.00	31.54 0.94 0.00	27.67 0.86 0.00	27.16 0.84 0.00	24.90 0.76 0.00	27.84 0.94 0.00	25.55 0.94 0.00	34.83 1.25 0.00	37.21 1.29 0.00	41.01 1.58 0.22	40.00 1.26 0.00	34.48 1.06 0.09	33.18 0.90 0.00	31.01 0.68 0.00
BRADY___115KV_TB2 356060	31.31 0.55 -0.33	37.01 0.55 -3.92	37.08 0.53 -3.94	34.08 0.42 -3.75	34.75 0.56 -3.79	33.32 0.56 -3.69	41.42 0.75 -4.24	49.20 0.79 -4.31	49.27 0.66 -4.15	33.85 0.37 -3.69	35.51 0.36 -2.94	30.82 0.22 0.00	28.23 0.22 -1.20	26.59 0.28 0.00	24.46 0.32 0.00	28.07 0.28 -0.88	24.88 0.27 0.00	34.10 0.52 0.00	36.56 0.64 0.00	40.30 0.74 0.08	39.73 0.99 0.00	36.21 0.74 -1.95	35.03 0.75 -2.00	31.07 0.74 0.00
BRANSCOMB___SOLAR 323811	31.55 1.13 0.00	33.70 1.16 0.00	33.81 1.21 0.00	31.07 1.17 0.00	31.54 1.13 0.00	30.26 1.20 0.00	38.01 1.62 0.04	44.58 1.73 1.25	44.86 1.80 1.42	30.87 1.08 0.00	33.20 0.99 0.00	31.33 0.73 0.00	27.30 0.50 0.00	26.78 0.47 0.00	24.57 0.43 0.00	27.67 0.76 0.00	25.31 0.69 0.00	34.74 1.16 0.00	37.30 1.38 0.00	40.95 1.52 0.21	40.02 1.28 0.00	34.56 1.13 0.09	33.38 1.09 0.00	31.28 0.95 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.18 1.75 0.00	34.44 1.90 0.00	34.42 1.83 0.00	31.55 1.65 0.00	31.95 1.54 0.00	30.74 1.67 0.00	38.71 2.32 0.04	45.65 2.83 1.27	45.64 2.62 1.45	31.47 1.68 0.00	34.14 1.93 0.00	32.17 1.58 0.00	28.07 1.26 0.00	27.45 1.14 0.00	25.19 1.05 0.00	28.31 1.40 0.00	26.04 1.43 0.00	35.54 1.96 0.00	37.93 2.01 0.00	41.88 2.45 0.22	40.60 1.86 0.00	35.06 1.64 0.09	33.78 1.49 0.00	32.44 1.21 -0.90

BRISTLHL_115KV_TB1 79998	29.51 -0.92 0.00	31.60 -0.94 0.00	31.64 -0.95 0.00	29.06 -0.85 0.00	29.56 -0.85 0.00	28.22 -0.85 0.00	35.27 -1.12 0.04	41.66 -1.26 1.18	41.81 -1.32 1.34	28.88 -0.91 0.00	31.21 -1.00 0.00	29.76 -0.84 0.00	26.09 -0.72 0.00	25.57 -0.74 0.00	23.48 -0.66 0.00	26.22 -0.69 0.00	24.02 -0.59 0.00	32.73 -0.85 0.00	34.96 -0.96 0.00	38.36 -1.09 0.20	37.71 -1.03 0.00	32.50 -0.93 0.09	31.37 -0.91 0.00	29.55 -0.77 0.00
BROOKHAVEN___DRP 24191	32.01 1.58 0.00	34.34 1.81 0.00	34.33 1.73 0.00	31.47 1.57 0.00	31.88 1.48 0.00	30.69 1.63 0.00	38.76 2.37 0.04	45.53 2.70 1.27	45.11 2.09 1.45	31.05 1.26 0.00	33.63 1.42 0.00	31.75 1.16 0.00	27.63 0.82 0.00	26.97 0.66 0.00	24.76 0.62 0.00	27.87 0.97 0.00	25.68 1.07 0.00	34.93 1.35 0.00	37.28 1.36 0.00	41.29 1.86 0.22	39.86 1.12 0.00	34.44 1.01 0.09	33.15 0.87 0.00	31.68 0.59 -0.76
BROOKLYN_NAVY_YARD 23515	31.61 1.18 0.00	33.78 1.24 0.00	33.83 1.23 0.00	31.01 1.11 0.00	31.40 0.99 0.00	30.07 1.01 0.00	38.02 1.63 0.04	45.05 2.22 1.27	45.11 2.10 1.45	31.13 1.34 0.00	33.77 1.56 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.54 1.23 0.00	25.22 1.08 0.00	28.17 1.26 0.00	25.85 1.24 0.00	35.23 1.65 0.00	37.61 1.69 0.00	41.41 1.98 0.22	40.38 1.64 0.00	34.80 1.38 0.09	33.47 1.19 0.00	31.25 0.92 0.00
BROOKLYN___ARMY_DRP 323595	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
BROOKVLE_69_KV_TB1 55790	32.04 1.61 0.00	34.25 1.71 0.00	34.25 1.65 0.00	31.40 1.50 0.00	31.80 1.39 0.00	30.52 1.46 0.00	38.45 2.06 0.04	45.44 2.61 1.27	45.52 2.51 1.45	31.42 1.63 0.00	34.09 1.87 0.00	32.27 1.67 0.00	28.24 1.43 0.00	27.66 1.34 0.00	25.38 1.24 0.00	28.43 1.52 0.00	26.11 1.50 0.00	35.58 2.00 0.00	37.95 2.04 0.00	41.83 2.40 0.22	40.68 1.94 0.00	35.14 1.72 0.09	33.84 1.56 0.00	35.21 1.29 -3.59
BROOME_2_LFGE 323671	29.75 -0.64 0.03	31.91 -0.63 0.00	31.95 -0.65 0.00	29.34 -0.56 0.00	29.80 -0.61 0.00	28.48 -0.58 0.00	35.73 -0.63 0.07	41.27 -0.63 2.24	41.18 -0.69 2.61	29.25 -0.53 0.00	31.84 -0.38 0.00	30.41 -0.19 0.00	26.58 -0.23 0.00	26.03 -0.28 0.00	23.92 -0.22 0.00	26.63 -0.28 0.00	24.36 -0.24 0.00	33.27 -0.31 0.00	35.43 -0.49 0.00	38.76 -0.50 0.39	38.20 -0.54 0.00	32.81 -0.54 0.17	31.81 -0.47 0.00	29.85 -0.48 0.00
BROOME___LFGE 323600	29.75 -0.64 0.03	31.91 -0.63 0.00	31.95 -0.65 0.00	29.34 -0.56 0.00	29.80 -0.61 0.00	28.48 -0.58 0.00	35.73 -0.63 0.07	41.27 -0.60 2.24	41.18 -0.69 2.61	29.25 -0.53 0.00	31.84 -0.38 0.00	30.41 -0.19 0.00	26.58 -0.23 0.00	26.03 -0.28 0.00	23.92 -0.22 0.00	26.63 -0.28 0.00	24.36 -0.24 0.00	33.27 -0.31 0.00	35.43 -0.49 0.00	38.76 -0.50 0.39	38.20 -0.54 0.00	32.81 -0.54 0.17	31.81 -0.47 0.00	29.85 -0.48 0.00
BROWNFLS_115KV_TB_3_5 80003	29.83 -1.06 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.92 -5.26	41.52 -0.94 -6.02	48.68 -1.22 -5.80	48.71 -1.25 -5.49	34.04 -0.98 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.87 -0.74 0.00	32.60 -0.98 0.00	35.02 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.47 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
BROWNSV1_27_KV_LOAD 356125	31.92 1.50 0.00	34.11 1.58 0.00	34.15 1.55 0.00	31.33 1.43 0.00	31.72 1.31 0.00	30.42 1.35 0.00	38.46 2.07 0.04	45.62 2.79 1.27	45.71 2.69 1.45	31.49 1.71 0.00	34.14 1.93 0.00	32.38 1.78 0.00	28.43 1.63 0.00	27.87 1.56 0.00	25.53 1.39 0.00	28.52 1.61 0.00	26.18 1.57 0.00	35.67 2.09 0.00	38.08 2.16 0.00	41.94 2.52 0.22	40.89 2.16 0.00	35.24 1.82 0.09	33.88 1.60 0.00	31.62 1.30 0.00
BURROWS___LYONSDAL 23803	29.92 -0.66 -0.15	33.64 -0.73 -1.84	33.69 -0.76 -1.84	30.99 -0.66 -1.75	31.63 -0.55 -1.77	30.27 -0.52 -1.73	37.99 -0.37 -1.93	44.21 -0.50 -0.61	44.23 -0.40 -0.15	30.88 -0.43 -1.52	32.89 -0.53 -1.21	30.23 -0.37 0.00	26.86 -0.44 -0.49	25.81 -0.51 0.00	23.85 -0.29 0.00	27.06 -0.21 -0.36	24.27 -0.34 0.00	33.22 -0.37 0.00	35.68 -0.24 0.00	39.17 -0.21 0.27	38.70 -0.04 0.00	34.37 0.15 -0.70	33.14 0.03 -0.82	29.92 -0.41 0.00
CAITHNESS_CC_1 323624	31.93 1.50 0.00	34.20 1.66 0.00	34.20 1.60 0.00	31.37 1.47 0.00	31.77 1.36 0.00	30.58 1.51 0.00	38.54 2.16 0.04	45.33 2.50 1.27	45.07 2.05 1.45	31.08 1.29 0.00	33.69 1.48 0.00	31.82 1.22 0.00	27.71 0.91 0.00	27.08 0.76 0.00	24.85 0.71 0.00	27.96 1.05 0.00	25.73 1.11 0.00	34.97 1.39 0.00	37.31 1.39 0.00	41.29 1.87 0.22	39.90 1.16 0.00	34.49 1.06 0.09	33.20 0.92 0.00	31.74 0.66 -0.76
CALPINE BETH_PAGE_GT4 24209	31.88 1.45 0.00	34.06 1.52 0.00	34.04 1.44 0.00	31.20 1.30 0.00	31.58 1.17 0.00	30.31 1.24 0.00	38.03 1.65 0.04	44.88 2.06 1.27	44.97 1.95 1.45	31.04 1.25 0.00	33.69 1.48 0.00	31.87 1.27 0.00	27.87 1.06 0.00	27.31 0.99 0.00	25.05 0.92 0.00	28.08 1.17 0.00	25.80 1.18 0.00	35.13 1.55 0.00	37.49 1.57 0.00	41.32 1.89 0.22	40.15 1.41 0.00	34.70 1.27 0.09	33.50 1.22 0.00	34.12 1.07 -2.73
CALPINE_BETH_PAGE_GT_4 323586	31.87 1.44 0.00	34.04 1.50 0.00	34.02 1.43 0.00	31.20 1.30 0.00	31.57 1.16 0.00	30.30 1.24 0.00	38.04 1.65 0.04	44.88 2.06 1.27	44.97 1.94 1.45	31.04 1.26 0.00	33.70 1.49 0.00	31.87 1.27 0.00	27.87 1.06 0.00	27.31 0.99 0.00	25.05 0.92 0.00	28.08 1.17 0.00	25.80 1.18 0.00	35.13 1.55 0.00	37.48 1.56 0.00	41.31 1.89 0.22	40.13 1.39 0.00	34.69 1.27 0.09	33.50 1.22 0.00	34.12 1.07 -2.73
CALPINE_BP_GT1 23823	31.87 1.44 0.00	34.04 1.50 0.00	34.02 1.43 0.00	31.20 1.30 0.00	31.57 1.16 0.00	30.30 1.24 0.00	38.04 1.65 0.04	44.88 2.06 1.27	44.97 1.94 1.45	31.04 1.26 0.00	33.70 1.49 0.00	31.87 1.27 0.00	27.87 1.06 0.00	27.31 0.99 0.00	25.05 0.92 0.00	28.08 1.17 0.00	25.80 1.18 0.00	35.13 1.55 0.00	37.48 1.56 0.00	41.31 1.89 0.22	40.13 1.39 0.00	34.69 1.27 0.09	33.50 1.22 0.00	34.12 1.07 -2.73
CALSPAN___DRP 24200	26.06 -2.10 2.26	25.82 -2.18 4.54	25.72 -2.35 4.54	23.35 -2.20 4.35	24.22 -2.00 4.19	25.06 -1.88 2.13	30.85 -2.51 3.08	37.50 -2.84 3.76	36.52 -2.85 5.10	28.01 -1.78 0.00	31.00 -1.22 0.00	29.86 -0.74 0.00	26.13 -0.68 0.00	25.53 -0.79 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.61 -1.00 2.86	28.85 -1.87 1.67	31.97 -2.29 4.29	32.68 -2.68 5.22	31.31 -2.21 3.07	28.35 -2.10 3.07	30.75 -1.53 0.00	29.12 -1.21 0.00

CALVERTON___SOLAR 323806	32.03 1.60 0.00	34.38 1.84 0.00	34.38 1.78 0.00	31.53 1.63 0.00	31.94 1.53 0.00	30.76 1.69 0.00	38.88 2.49 0.04	45.65 2.82 1.27	45.15 2.13 1.45	31.06 1.27 0.00	33.64 1.42 0.00	31.74 1.14 0.00	27.60 0.79 0.00	26.93 0.62 0.00	24.71 0.57 0.00	27.84 0.93 0.00	25.66 1.05 0.00	34.91 1.33 0.00	37.25 1.33 0.00	41.28 1.85 0.22	39.81 1.07 0.00	34.39 0.97 0.09	33.09 0.81 0.00	31.62 0.53 -0.76
CANDIGU_WT_PWR 323617	-0.74 -2.84 28.33	-28.67 -2.84 58.37	-28.63 -2.96 58.28	-28.68 -2.69 55.90	-26.14 -2.72 53.83	-0.95 -2.64 27.38	-4.96 -3.07 38.31	30.33 -3.32 10.46	19.83 -3.45 21.19	27.57 -2.22 0.00	30.77 -1.44 0.00	29.62 -0.98 0.00	25.47 -1.32 0.02	24.69 -1.63 0.00	22.72 -1.42 0.00	25.32 -1.59 0.00	23.19 -1.42 0.00	-5.29 -2.15 36.72	12.07 -2.47 21.38	-11.40 -2.59 48.45	-31.22 -2.88 67.08	-5.81 -2.77 36.56	29.89 -2.40 0.00	28.07 -2.26 0.00
CARR STREET_E_SYR 24060	29.72 -0.71 0.00	31.83 -0.71 0.00	31.86 -0.73 0.00	29.25 -0.65 0.00	29.76 -0.65 0.00	28.41 -0.66 0.00	35.49 -0.86 0.08	40.54 -0.97 2.59	40.44 -1.02 3.01	29.10 -0.69 0.00	31.50 -0.71 0.00	30.05 -0.55 0.00	26.34 -0.47 0.00	25.80 -0.52 0.00	23.67 -0.47 0.00	26.42 -0.49 0.00	24.17 -0.44 0.00	32.94 -0.64 0.00	35.20 -0.73 0.00	38.38 -0.81 0.45	37.98 -0.77 0.00	32.61 -0.72 0.19	31.58 -0.70 0.00	29.74 -0.59 0.00
CARTHAGE___PAPER 23857	29.59 -1.06 -0.23	34.11 -1.19 -2.76	34.16 -1.21 -2.78	31.43 -1.11 -2.64	32.15 -0.93 -2.66	30.83 -0.83 -2.60	38.70 -0.68 -2.94	45.04 -0.91 -1.84	44.91 -0.99 -1.42	31.28 -0.95 -2.45	33.12 -1.04 -1.95	29.73 -0.87 0.00	26.74 -0.86 -0.79	25.34 -0.98 0.00	23.68 -0.46 0.00	27.21 -0.29 -0.59	24.17 -0.44 0.00	32.90 -0.68 0.00	35.38 -0.54 0.00	38.85 -0.54 0.25	38.67 -0.07 0.00	34.88 0.16 -1.20	33.40 -0.20 -1.32	29.64 -0.69 0.00
CASSADAGA_WT_PWR 323784	26.14 -3.16 1.13	27.04 -3.32 2.17	26.99 -3.44 2.17	24.65 -3.18 2.08	25.41 -3.00 2.00	26.11 -1.94 1.02	32.71 -2.20 1.52	38.58 -2.17 3.36	38.45 -1.76 4.26	27.92 -1.87 0.00	30.50 -1.71 0.00	28.91 -1.69 0.00	25.32 -1.49 0.00	25.48 -0.83 0.00	23.64 -0.50 0.00	26.32 -0.58 0.00	23.86 -0.75 0.00	29.87 -2.35 1.37	32.14 -2.99 0.80	34.03 -3.29 2.32	33.27 -2.97 2.50	29.20 -2.74 1.58	30.18 -2.10 0.00	28.31 -2.02 0.00
CE_DUNWOOD___DRP 24194	31.56 1.14 0.00	33.74 1.20 0.00	33.78 1.18 0.00	30.99 1.09 0.00	31.39 0.97 0.00	30.09 1.02 0.00	37.97 1.58 0.04	44.93 2.10 1.27	45.04 2.02 1.45	31.05 1.27 0.00	33.63 1.42 0.00	31.89 1.30 0.00	27.98 1.17 0.00	27.44 1.12 0.00	25.14 1.00 0.00	28.10 1.19 0.00	25.78 1.17 0.00	35.14 1.55 0.00	37.53 1.61 0.00	41.32 1.89 0.22	40.31 1.57 0.00	34.76 1.34 0.09	33.45 1.17 0.00	31.25 0.93 0.00
CE_MILLWOOD___DRP 24193	31.45 1.02 0.00	33.62 1.08 0.00	33.67 1.07 0.00	30.89 0.99 0.00	31.29 0.88 0.00	29.99 0.93 0.00	37.84 1.46 0.04	44.77 1.94 1.27	44.87 1.85 1.46	30.93 1.15 0.00	33.49 1.28 0.00	31.76 1.16 0.00	27.86 1.06 0.00	27.33 1.01 0.00	25.04 0.91 0.00	28.00 1.09 0.00	25.68 1.07 0.00	35.01 1.43 0.00	37.39 1.47 0.00	41.19 1.76 0.22	40.18 1.44 0.00	34.65 1.22 0.09	33.34 1.06 0.00	31.15 0.82 0.00
CE_NYC2_DRP 24202	31.80 1.37 -0.01	34.00 1.45 -0.01	34.04 1.43 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.61 2.57 1.06	47.88 2.46 -0.94	85.83 1.56 -54.48	71.19 1.76 -37.22	66.75 1.62 -34.53	47.59 1.48 -19.31	51.96 1.41 -24.23	52.71 1.26 -27.32	55.91 1.47 -27.54	50.61 1.43 -24.57	51.63 1.89 -16.16	44.23 1.96 -6.35	41.69 2.25 0.20	41.06 1.91 -0.42	38.30 1.65 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
CE_NYC_DRP 24195	31.69 1.27 0.00	33.86 1.33 0.00	33.90 1.30 0.00	31.10 1.20 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.17 1.78 0.04	45.23 2.40 1.27	45.31 2.29 1.45	31.24 1.45 0.00	33.86 1.65 0.00	32.11 1.51 0.00	28.20 1.40 0.00	27.64 1.33 0.00	25.32 1.18 0.00	28.29 1.38 0.00	25.97 1.36 0.00	35.37 1.79 0.00	37.77 1.84 0.00	41.59 2.16 0.22	40.54 1.80 0.00	34.94 1.52 0.09	33.60 1.32 0.00	31.37 1.05 0.00
CHAFFEE___LFGE 323603	28.71 -1.63 0.09	30.93 -1.61 0.00	30.81 -1.79 0.00	28.29 -1.61 0.00	28.78 -1.63 0.00	27.43 -1.63 0.00	34.44 -1.90 0.10	39.15 -1.97 2.99	38.88 -2.11 3.49	28.33 -1.45 0.00	31.35 -0.86 0.00	30.38 -0.22 0.00	26.97 0.16 0.00	26.16 -0.16 0.00	23.93 -0.21 0.00	26.64 -0.27 0.00	24.17 -0.45 0.00	32.49 -1.09 0.00	34.24 -1.68 0.00	37.32 -1.80 0.52	37.00 -1.74 0.00	31.56 -1.73 0.22	31.13 -1.15 0.00	29.32 -1.00 0.00
CHATEAUG_35_KV_LOAD 355732	25.29 -0.54 4.60	-23.10 -0.73 54.91	-23.36 -0.78 55.18	-23.36 -0.76 52.51	-23.19 -0.65 52.96	-23.21 -0.63 51.64	-23.83 -0.75 59.51	-24.81 -0.94 67.98	-24.07 -0.96 67.58	-23.34 -0.57 52.55	-10.27 -0.61 41.87	30.04 -0.56 0.00	9.27 -0.51 17.03	26.10 -0.21 0.00	23.80 -0.34 0.00	13.73 -0.60 12.58	24.21 -0.40 0.00	33.49 -0.09 0.00	36.26 0.34 0.00	39.50 -0.07 0.07	38.82 0.08 0.00	4.80 -0.50 28.22	3.43 -0.45 28.41	30.02 -0.30 0.00
CHATEAUG_WT_PWR 323614	25.52 -0.61 4.30	-19.51 -0.83 51.22	-19.73 -0.85 51.48	-19.92 -0.84 48.98	-19.75 -0.76 49.40	-19.83 -0.72 48.18	-19.97 -0.88 55.52	-20.42 -1.12 63.41	-19.65 -1.11 63.01	-19.85 -0.63 49.00	-7.51 -0.68 39.05	30.00 -0.60 0.00	10.38 -0.54 15.88	26.09 -0.22 0.00	23.79 -0.35 0.00	14.53 -0.65 11.73	24.19 -0.42 0.00	33.48 -0.10 0.00	36.19 0.27 0.00	39.36 -0.22 0.06	38.70 -0.05 0.00	6.58 -0.62 26.31	5.20 -0.60 26.49	29.91 -0.42 0.00
CHAT_HIGH_FALL_HYD 323578	25.29 -0.54 4.60	-23.10 -0.73 54.91	-23.36 -0.78 55.18	-23.36 -0.76 52.51	-23.19 -0.65 52.96	-23.21 -0.63 51.64	-23.83 -0.75 59.51	-24.81 -0.94 67.98	-24.07 -0.96 67.58	-23.34 -0.57 52.55	-10.27 -0.61 41.87	30.04 -0.56 0.00	9.27 -0.51 17.03	26.10 -0.21 0.00	23.80 -0.34 0.00	13.73 -0.60 12.58	24.21 -0.40 0.00	33.49 -0.09 0.00	36.26 0.34 0.00	39.50 -0.07 0.07	38.82 0.08 0.00	4.80 -0.50 28.22	3.43 -0.45 28.41	30.02 -0.30 0.00
CHAUTAUQUA___LFGE 323629	26.18 -2.62 1.63	26.60 -2.72 3.22	26.53 -2.85 3.22	24.19 -2.62 3.09	24.95 -2.48 2.97	25.68 -1.88 1.51	31.96 -2.26 2.21	38.26 -2.31 3.53	37.74 -2.11 4.63	27.98 -1.81 0.00	30.69 -1.53 0.00	29.35 -1.25 0.00	25.63 -1.17 0.00	25.45 -0.87 0.00	23.49 -0.65 0.00	26.16 -0.75 0.00	23.77 -0.84 0.00	29.55 -2.00 2.03	32.14 -2.60 1.18	33.67 -2.78 3.19	32.48 -2.55 3.71	28.89 -2.39 2.24	30.41 -1.87 0.00	28.61 -1.71 0.00
CHERRYST_13_KV_LD 356241	31.76 1.33 0.00	33.95 1.41 0.00	33.99 1.39 0.00	31.18 1.28 0.00	31.57 1.16 0.00	30.27 1.21 0.00	38.28 1.89 0.04	45.37 2.54 1.27	45.46 2.44 1.45	31.34 1.56 0.00	33.98 1.77 0.00	32.23 1.63 0.00	28.30 1.50 0.00	27.75 1.43 0.00	25.41 1.27 0.00	28.39 1.48 0.00	26.06 1.45 0.00	35.50 1.92 0.00	37.89 1.97 0.00	41.71 2.28 0.22	40.66 1.92 0.00	35.04 1.61 0.09	33.69 1.41 0.00	31.45 1.12 0.00

CHESTROR_138KV_BK263 355645	31.18 0.75 0.00	33.33 0.80 0.00	33.41 0.81 0.00	30.65 0.75 0.00	31.05 0.64 0.00	29.76 0.70 0.00	37.51 1.12 0.04	44.32 1.50 1.28	44.43 1.42 1.46	30.63 0.84 0.00	33.11 0.90 0.00	31.39 0.79 0.00	27.52 0.71 0.00	27.02 0.70 0.00	24.77 0.63 0.00	27.70 0.79 0.00	25.41 0.80 0.00	34.67 1.09 0.00	37.06 1.14 0.00	40.82 1.39 0.22	39.86 1.12 0.00	34.37 0.94 0.09	33.09 0.81 0.00	30.93 0.61 0.00
CH_MIDHUDSON___DRP 24192	31.55 1.12 0.00	33.72 1.18 0.00	33.77 1.17 0.00	30.99 1.09 0.00	31.40 0.99 0.00	30.09 1.03 0.00	37.89 1.50 0.04	44.78 1.95 1.27	44.93 1.92 1.45	31.00 1.22 0.00	33.54 1.32 0.00	31.80 1.20 0.00	27.88 1.08 0.00	27.33 1.01 0.00	25.04 0.90 0.00	27.99 1.09 0.00	25.66 1.05 0.00	35.00 1.42 0.00	37.46 1.54 0.00	41.23 1.80 0.22	40.25 1.51 0.00	34.72 1.29 0.09	33.43 1.15 0.00	31.25 0.93 0.00
CH_MISC_IPPS 23765	31.70 1.28 0.00	33.88 1.35 0.00	33.93 1.33 0.00	31.14 1.24 0.00	31.56 1.15 0.00	30.27 1.20 0.00	38.17 1.78 0.04	45.15 2.32 1.27	45.28 2.27 1.46	31.21 1.42 0.00	33.74 1.53 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.03 0.22	40.47 1.73 0.00	34.89 1.46 0.09	33.58 1.30 0.00	31.38 1.05 0.00
CH_RES_BVR_FALLS 23983	29.71 -0.72 0.00	31.75 -0.79 0.00	31.80 -0.79 0.00	29.16 -0.73 0.00	29.69 -0.72 0.00	28.38 -0.69 0.00	35.54 -0.86 0.03	42.09 -1.06 0.95	42.40 -1.00 1.07	29.14 -0.65 0.00	31.50 -0.71 0.00	30.00 -0.60 0.00	26.36 -0.45 0.00	25.93 -0.38 0.00	23.83 -0.31 0.00	26.60 -0.31 0.00	24.23 -0.38 0.00	32.94 -0.64 0.00	35.14 -0.78 0.00	38.52 -0.96 0.16	38.03 -0.70 0.00	33.14 -0.31 0.07	31.86 -0.42 0.00	29.78 -0.55 0.00
CH_RES_NIAGARA 23895	24.61 -2.94 2.88	23.64 -3.07 5.83	23.55 -3.23 5.82	21.34 -2.98 5.58	22.24 -2.80 5.38	23.63 -2.70 2.73	28.80 -3.71 3.92	35.71 -4.38 4.02	34.41 -4.45 5.61	27.03 -2.76 0.00	29.89 -2.32 0.00	28.86 -1.74 0.00	25.26 -1.54 0.00	24.64 -1.67 0.00	22.44 -1.70 0.00	25.02 -1.88 0.00	22.73 -1.88 0.00	26.81 -3.10 3.67	30.28 -3.51 2.14	30.20 -4.09 5.35	28.58 -3.47 6.70	26.46 -3.18 3.88	29.75 -2.53 0.00	28.29 -2.04 0.00
CH_RES_SYRACUSE 23985	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.46 0.00	29.95 -0.46 0.00	28.60 -0.47 0.00	35.76 -0.60 0.07	41.33 -0.68 2.10	41.28 -0.76 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.18 -0.42 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.75 -0.53 0.36	38.25 -0.50 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
CLINTON_WT_PWR 323605	25.52 -0.61 4.30	-19.51 -0.83 51.22	-19.73 -0.85 51.48	-19.92 -0.84 48.98	-19.75 -0.76 49.40	-19.83 -0.72 48.18	-19.97 -0.88 55.52	-20.42 -1.12 63.41	-19.65 -1.11 63.01	-19.85 -0.63 49.00	-7.51 -0.68 39.05	30.00 -0.60 0.00	10.38 -0.54 15.88	26.09 -0.22 0.00	23.79 -0.35 0.00	14.53 -0.65 11.73	24.19 -0.42 0.00	33.48 -0.10 0.00	36.19 0.27 0.00	39.36 -0.22 0.06	38.70 -0.05 0.00	6.58 -0.62 26.31	5.20 -0.60 26.49	29.91 -0.42 0.00
CLINTON___LFGE 323618	25.52 -0.50 4.40	-20.72 -0.79 52.46	-20.88 -0.75 52.73	-20.98 -0.71 50.17	-20.92 -0.72 50.60	-20.95 -0.67 49.34	-21.06 -0.63 56.86	-21.60 -0.76 64.95	-20.94 -0.86 64.55	-21.00 -0.59 50.19	-8.32 -0.54 40.00	30.01 -0.58 0.00	10.04 -0.50 16.27	26.22 -0.09 0.00	23.88 -0.26 0.00	14.19 -0.71 12.01	24.24 -0.37 0.00	33.76 0.18 0.00	36.60 0.68 0.00	39.65 0.07 0.07	38.92 0.18 0.00	6.00 -0.57 26.96	4.48 -0.67 27.13	29.89 -0.43 0.00
COBBLENY_34_KV_TB1 80064	28.69 -1.65 0.09	30.88 -1.66 0.00	30.77 -1.83 0.00	28.26 -1.64 0.00	28.74 -1.67 0.00	27.42 -1.65 0.00	34.43 -1.91 0.10	39.13 -1.99 2.99	38.86 -2.12 3.49	28.33 -1.46 0.00	31.36 -0.85 0.00	30.36 -0.24 0.00	26.97 0.16 0.00	26.15 -0.16 0.00	23.92 -0.22 0.00	26.63 -0.27 0.00	24.16 -0.45 0.00	32.47 -1.11 0.00	34.22 -1.70 0.00	37.27 -1.86 0.52	36.96 -1.78 0.00	31.56 -1.73 0.22	31.13 -1.15 0.00	29.32 -1.01 0.00
COFFEEN___115KV_TB3 355620	29.59 -1.03 -0.20	33.75 -1.16 -2.37	33.79 -1.18 -2.38	31.09 -1.07 -2.26	31.79 -0.91 -2.28	30.50 -0.80 -2.23	38.33 -0.62 -2.52	44.61 -0.78 -1.29	44.36 -0.95 -0.84	30.86 -1.00 -2.07	32.81 -1.05 -1.65	29.68 -0.92 0.00	26.64 -0.84 -0.67	25.25 -1.07 0.00	23.84 -0.30 0.00	27.28 -0.12 -0.49	24.36 -0.25 0.00	33.06 -0.52 0.00	35.55 -0.37 0.00	39.00 -0.38 0.27	38.90 0.16 0.00	34.89 0.37 -0.99	33.24 -0.16 -1.12	29.72 -0.61 0.00
COLDSPRG_115KV_BK1 355956	28.49 -1.86 0.08	30.60 -1.93 0.00	30.52 -2.08 0.00	28.01 -1.89 0.00	28.61 -1.80 0.00	27.76 -1.30 0.00	34.89 -1.44 0.10	39.79 -1.29 3.03	39.77 -1.16 3.54	28.68 -1.11 0.00	31.60 -0.61 0.00	30.31 -0.29 0.00	26.60 -0.21 0.00	26.29 -0.02 0.00	24.20 0.06 0.00	26.95 0.04 0.00	24.44 -0.17 0.00	32.52 -1.06 0.00	34.31 -1.61 0.00	37.38 -1.73 0.53	37.18 -1.55 0.00	31.76 -1.54 0.23	31.32 -0.96 0.00	29.44 -0.89 0.00
COLONIE_LFGE___ 323577	31.35 0.92 0.00	33.48 0.94 0.00	33.58 0.98 0.00	30.85 0.95 0.00	31.29 0.88 0.00	30.00 0.93 0.00	37.57 1.18 0.04	44.12 1.26 1.25	44.46 1.40 1.41	30.67 0.89 0.00	33.06 0.85 0.00	31.25 0.66 0.00	27.30 0.50 0.00	26.78 0.46 0.00	24.49 0.35 0.00	27.46 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.90 0.00	40.41 0.98 0.21	39.51 0.77 0.00	34.21 0.78 0.09	33.03 0.75 0.00	30.98 0.65 0.00
COOPERNY_115KV_TB1 80082	30.90 0.47 0.00	33.04 0.50 0.00	33.12 0.52 0.00	30.39 0.49 0.00	30.82 0.42 0.00	29.51 0.45 0.00	37.14 0.76 0.04	43.82 1.02 1.30	43.93 0.94 1.49	30.34 0.55 0.00	32.82 0.61 0.00	31.13 0.53 0.00	27.29 0.48 0.00	26.80 0.48 0.00	24.58 0.44 0.00	27.45 0.54 0.00	25.16 0.55 0.00	34.34 0.75 0.00	36.69 0.77 0.00	40.37 0.95 0.22	39.49 0.75 0.00	34.05 0.63 0.10	32.81 0.53 0.00	30.72 0.39 0.00
COPENHAGEN_WT_PWR 323753	28.99 -1.63 -0.19	33.01 -1.79 -2.26	33.06 -1.82 -2.27	30.42 -1.64 -2.17	31.08 -1.51 -2.18	29.81 -1.39 -2.13	37.41 -1.43 -2.40	43.47 -1.77 -1.13	43.29 -1.87 -0.69	30.24 -1.51 -1.96	32.30 -1.48 -1.57	29.34 -1.25 0.00	26.28 -1.16 -0.64	24.97 -1.35 0.00	23.50 -0.64 0.00	26.83 -0.55 -0.47	23.82 -0.79 0.00	32.30 -1.28 0.00	34.70 -1.22 0.00	38.07 -1.30 0.27	38.14 -0.60 0.00	34.27 -0.18 -0.94	32.59 -0.75 -1.06	29.12 -1.20 0.00
CORNELL_____ 23752	31.76 -0.26 -1.60	34.95 -0.23 -2.64	34.98 -0.25 -2.63	32.23 -0.19 -2.53	32.64 -0.20 -2.43	30.12 -0.18 -1.24	38.02 -0.07 -1.65	42.21 0.06 1.96	42.48 -0.12 1.87	29.50 -0.29 0.00	31.91 -0.31 0.00	30.42 -0.18 0.00	26.51 -0.29 0.00	25.96 -0.36 0.00	23.91 -0.23 0.00	26.68 -0.23 0.00	24.49 -0.12 0.00	35.35 0.11 -1.66	37.03 0.14 -0.96	41.64 0.23 -1.77	41.96 0.19 -3.03	35.04 0.05 -1.47	32.32 0.04 0.00	30.28 -0.05 0.00

CORONA_69_KV_TB1 355595	32.01 1.59 0.00	34.22 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.75 1.34 0.00	30.46 1.40 0.00	38.34 1.95 0.04	45.30 2.47 1.27	45.39 2.37 1.45	31.35 1.57 0.00	34.01 1.80 0.00	32.19 1.59 0.00	28.18 1.37 0.00	27.60 1.29 0.00	25.32 1.18 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.52 1.94 0.00	37.93 2.00 0.00	41.78 2.35 0.22	40.65 1.91 0.00	35.12 1.70 0.09	33.84 1.56 0.00	44.75 1.29 -13.13
CORTLAND_115KV_TB3 80093	30.19 -0.32 -0.09	32.23 -0.31 0.00	32.27 -0.33 0.00	29.62 -0.27 0.00	30.11 -0.29 0.00	28.80 -0.27 0.00	36.12 -0.24 0.07	41.68 -0.16 2.26	41.57 -0.28 2.62	29.51 -0.28 0.00	31.92 -0.29 0.00	30.44 -0.16 0.00	26.57 -0.24 0.00	26.06 -0.26 0.00	23.93 -0.21 0.00	26.70 -0.21 0.00	24.47 -0.14 0.00	33.52 -0.06 0.00	35.84 -0.08 0.00	39.20 -0.05 0.39	38.68 -0.06 0.00	33.23 -0.12 0.17	32.13 -0.15 0.00	30.15 -0.18 0.00
COXSACKIE___GT 23611	32.01 1.59 0.00	34.16 1.62 0.00	34.25 1.65 0.00	31.50 1.61 0.00	32.01 1.60 0.00	30.73 1.67 0.00	38.57 2.18 0.04	45.57 2.72 1.25	45.92 2.86 1.41	31.60 1.82 0.00	33.75 1.54 0.00	31.92 1.32 0.00	27.74 0.93 0.00	27.11 0.80 0.00	24.75 0.61 0.00	27.63 0.72 0.00	25.42 0.81 0.00	35.13 1.55 0.00	37.99 2.07 0.00	41.83 2.39 0.21	40.91 2.17 0.00	35.34 1.91 0.09	33.98 1.70 0.00	31.85 1.52 0.00
CPV_VALLEY___CC1 323721	30.97 0.54 0.00	33.10 0.57 0.00	33.18 0.58 0.00	30.44 0.54 0.00	30.86 0.45 0.00	29.56 0.50 0.00	37.25 0.86 0.04	43.97 1.16 1.29	44.08 1.08 1.47	30.42 0.63 0.00	32.92 0.71 0.00	31.21 0.61 0.00	27.37 0.56 0.00	26.87 0.55 0.00	24.65 0.51 0.00	27.54 0.63 0.00	25.26 0.64 0.00	34.44 0.85 0.00	36.80 0.88 0.00	40.50 1.07 0.22	39.55 0.81 0.00	34.13 0.70 0.09	32.86 0.58 0.00	30.74 0.41 0.00
CPV_VALLEY___CC2 323722	30.97 0.54 0.00	33.10 0.57 0.00	33.18 0.58 0.00	30.44 0.54 0.00	30.86 0.45 0.00	29.56 0.50 0.00	37.25 0.86 0.04	43.97 1.16 1.29	44.08 1.08 1.47	30.42 0.63 0.00	32.92 0.71 0.00	31.21 0.61 0.00	27.37 0.56 0.00	26.87 0.55 0.00	24.65 0.51 0.00	27.54 0.63 0.00	25.26 0.64 0.00	34.44 0.85 0.00	36.80 0.88 0.00	40.50 1.07 0.22	39.55 0.81 0.00	34.13 0.70 0.09	32.86 0.58 0.00	30.74 0.41 0.00
CRESCENT___HYD 24018	31.35 0.92 0.00	33.48 0.94 0.00	33.58 0.98 0.00	30.85 0.95 0.00	31.29 0.88 0.00	30.00 0.93 0.00	37.57 1.18 0.04	44.12 1.26 1.25	44.46 1.40 1.41	30.67 0.89 0.00	33.06 0.85 0.00	31.25 0.66 0.00	27.30 0.50 0.00	26.78 0.46 0.00	24.49 0.35 0.00	27.46 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.90 0.00	40.41 0.98 0.21	39.51 0.77 0.00	34.21 0.78 0.09	33.03 0.75 0.00	30.98 0.65 0.00
CRICKET___VALLEY_CC1 323756	31.45 1.02 0.00	33.62 1.08 0.00	33.66 1.06 0.00	30.91 1.00 0.00	31.30 0.89 0.00	29.98 0.92 0.00	37.66 1.27 0.04	44.38 1.54 1.27	44.62 1.59 1.44	30.83 1.04 0.00	33.33 1.12 0.00	31.60 1.01 0.00	27.74 0.94 0.00	27.18 0.87 0.00	24.85 0.71 0.00	27.81 0.90 0.00	25.46 0.85 0.00	34.68 1.10 0.00	37.07 1.15 0.00	40.74 1.31 0.22	39.75 1.01 0.00	34.33 0.91 0.09	33.10 0.82 0.00	30.98 0.65 0.00
CRICKET___VALLEY_CC2 323757	31.45 1.02 0.00	33.62 1.08 0.00	33.66 1.06 0.00	30.91 1.00 0.00	31.30 0.89 0.00	29.98 0.92 0.00	37.66 1.27 0.04	44.38 1.54 1.27	44.62 1.59 1.44	30.83 1.04 0.00	33.33 1.12 0.00	31.60 1.01 0.00	27.74 0.94 0.00	27.18 0.87 0.00	24.85 0.71 0.00	27.81 0.90 0.00	25.46 0.85 0.00	34.68 1.10 0.00	37.07 1.15 0.00	40.74 1.31 0.22	39.75 1.01 0.00	34.33 0.91 0.09	33.10 0.82 0.00	30.98 0.65 0.00
CRICKET___VALLEY_CC3 323758	31.45 1.02 0.00	33.62 1.08 0.00	33.66 1.06 0.00	30.91 1.00 0.00	31.30 0.89 0.00	29.98 0.92 0.00	37.66 1.27 0.04	44.38 1.54 1.27	44.62 1.59 1.44	30.83 1.04 0.00	33.33 1.12 0.00	31.60 1.01 0.00	27.74 0.94 0.00	27.18 0.87 0.00	24.85 0.71 0.00	27.81 0.90 0.00	25.46 0.85 0.00	34.68 1.10 0.00	37.07 1.15 0.00	40.74 1.31 0.22	39.75 1.01 0.00	34.33 0.91 0.09	33.10 0.82 0.00	30.98 0.65 0.00
CRUCIBLE_METL_DRP 24180	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
DAHOWA___HYDRO 323763	31.55 1.13 0.00	33.70 1.16 0.00	33.81 1.21 0.00	31.08 1.18 0.00	31.55 1.14 0.00	30.29 1.23 0.00	38.07 1.68 0.04	44.64 1.79 1.25	44.91 1.86 1.42	30.88 1.09 0.00	33.22 1.00 0.00	31.33 0.73 0.00	27.29 0.48 0.00	26.77 0.46 0.00	24.56 0.42 0.00	27.67 0.77 0.00	25.33 0.72 0.00	34.78 1.20 0.00	37.37 1.44 0.00	41.03 1.59 0.21	40.06 1.32 0.00	34.59 1.16 0.09	33.41 1.13 0.00	31.29 0.96 0.00
DANC___LFGE 323619	29.18 -1.39 -0.14	32.71 -1.52 -1.69	32.76 -1.54 -1.70	30.13 -1.39 -1.62	30.73 -1.30 -1.63	29.43 -1.22 -1.59	36.87 -1.33 -1.78	42.81 -1.61 -0.32	42.62 -1.70 0.15	29.86 -1.34 -1.41	31.98 -1.36 -1.12	29.43 -1.17 0.00	26.20 -1.06 -0.46	25.11 -1.20 0.00	23.45 -0.69 0.00	26.61 -0.63 -0.34	23.87 -0.74 0.00	32.42 -1.16 0.00	34.76 -1.16 0.00	38.11 -1.25 0.29	37.96 -0.78 0.00	33.66 -0.49 -0.63	32.20 -0.84 -0.76	29.24 -1.09 0.00
DANSKAMMER___1 23586	31.70 1.28 0.00	33.88 1.35 0.00	33.93 1.33 0.00	31.14 1.24 0.00	31.56 1.15 0.00	30.27 1.20 0.00	38.17 1.78 0.04	45.15 2.32 1.27	45.28 2.27 1.46	31.21 1.42 0.00	33.74 1.53 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.03 0.22	40.47 1.73 0.00	34.89 1.46 0.09	33.58 1.30 0.00	31.38 1.05 0.00
DANSKAMMER___2 23589	31.70 1.28 0.00	33.88 1.35 0.00	33.93 1.33 0.00	31.14 1.24 0.00	31.56 1.15 0.00	30.27 1.20 0.00	38.17 1.78 0.04	45.15 2.32 1.27	45.28 2.27 1.46	31.21 1.42 0.00	33.74 1.53 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.03 0.22	40.47 1.73 0.00	34.89 1.46 0.09	33.58 1.30 0.00	31.38 1.05 0.00
DANSKAMMER___3 23590	31.70 1.28 0.00	33.88 1.35 0.00	33.93 1.33 0.00	31.14 1.24 0.00	31.56 1.15 0.00	30.27 1.20 0.00	38.17 1.78 0.04	45.15 2.32 1.27	45.28 2.27 1.46	31.21 1.42 0.00	33.74 1.53 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.03 0.22	40.47 1.73 0.00	34.89 1.46 0.09	33.58 1.30 0.00	31.38 1.05 0.00

DANSKAMMER___4 23591	31.70 1.28 0.00	33.88 1.35 0.00	33.93 1.33 0.00	31.14 1.24 0.00	31.56 1.15 0.00	30.27 1.20 0.00	38.17 1.78 0.04	45.15 2.32 1.27	45.28 2.27 1.46	31.21 1.42 0.00	33.74 1.53 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.03 0.22	40.47 1.73 0.00	34.89 1.46 0.09	33.58 1.30 0.00	31.38 1.05 0.00
DANSKAMMER___DIESEL 23592	31.71 1.28 0.00	33.88 1.35 0.00	33.94 1.34 0.00	31.14 1.24 0.00	31.57 1.16 0.00	30.27 1.20 0.00	38.17 1.79 0.04	45.14 2.31 1.27	45.29 2.27 1.46	31.21 1.42 0.00	33.74 1.52 0.00	31.98 1.38 0.00	28.02 1.21 0.00	27.48 1.17 0.00	25.18 1.04 0.00	28.17 1.26 0.00	25.86 1.25 0.00	35.29 1.71 0.00	37.66 1.73 0.00	41.46 2.04 0.22	40.48 1.74 0.00	34.89 1.47 0.09	33.58 1.30 0.00	31.38 1.06 0.00
DARBY___SOLAR 323810	31.56 1.13 0.00	33.70 1.17 0.00	33.82 1.22 0.00	31.08 1.17 0.00	31.54 1.13 0.00	30.27 1.21 0.00	38.02 1.63 0.04	44.60 1.75 1.25	44.87 1.82 1.42	30.88 1.09 0.00	33.20 0.99 0.00	31.33 0.73 0.00	27.31 0.50 0.00	26.79 0.48 0.00	24.57 0.43 0.00	27.68 0.77 0.00	25.32 0.71 0.00	34.76 1.18 0.00	37.33 1.41 0.00	40.99 1.56 0.21	40.05 1.31 0.00	34.59 1.16 0.09	33.41 1.13 0.00	31.30 0.97 0.00
DASHVILLE___HYD 23610	31.52 1.10 0.00	33.69 1.15 0.00	33.76 1.16 0.00	30.97 1.07 0.00	31.39 0.98 0.00	30.07 1.01 0.00	37.90 1.52 0.04	44.81 1.97 1.27	44.97 1.94 1.45	31.02 1.24 0.00	33.55 1.34 0.00	31.80 1.20 0.00	27.86 1.06 0.00	27.33 1.02 0.00	25.05 0.91 0.00	28.00 1.09 0.00	25.67 1.06 0.00	35.03 1.45 0.00	37.46 1.54 0.00	41.23 1.80 0.22	40.26 1.52 0.00	34.71 1.29 0.09	33.42 1.14 0.00	31.25 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.32 1.90 0.00	34.76 2.22 0.00	34.76 2.16 0.00	31.83 1.93 0.00	32.27 1.86 0.00	31.12 2.05 0.00	39.41 3.02 0.04	46.18 3.35 1.27	45.56 2.54 1.45	31.34 1.56 0.00	33.88 1.66 0.00	31.98 1.38 0.00	27.75 0.94 0.00	27.02 0.70 0.00	24.72 0.58 0.00	27.82 0.92 0.00	25.65 1.04 0.00	34.93 1.34 0.00	37.15 1.23 0.00	41.09 1.66 0.22	39.51 0.77 0.00	34.10 0.67 0.09	32.77 0.49 0.00	31.30 0.21 -0.76
DELAWARE___LFGE 323621	30.77 0.35 0.00	32.93 0.39 0.00	33.03 0.43 0.00	30.32 0.43 0.00	30.79 0.38 0.00	29.43 0.37 0.00	36.99 0.62 0.06	43.00 0.81 1.91	43.05 0.79 2.21	30.23 0.43 0.00	32.73 0.52 0.00	31.10 0.50 0.00	27.26 0.45 0.00	26.74 0.42 0.00	24.61 0.47 0.00	27.41 0.50 0.00	25.06 0.46 0.00	34.25 0.67 0.00	36.60 0.68 0.00	40.12 0.80 0.33	39.50 0.76 0.00	33.97 0.60 0.14	32.82 0.54 0.00	30.73 0.40 0.00
DERFIELD_115KV_TB7 355931	30.35 -0.07 0.00	32.46 -0.08 0.00	32.55 -0.06 0.00	29.90 -0.01 0.00	30.34 -0.07 0.00	29.01 -0.05 0.00	36.36 -0.02 0.05	42.57 -0.01 1.53	42.83 0.08 1.73	29.81 0.03 0.00	32.21 -0.01 0.00	30.57 -0.03 0.00	26.77 -0.04 0.00	26.29 -0.03 0.00	24.12 -0.02 0.00	26.91 0.00 0.00	24.60 -0.01 0.00	33.60 0.02 0.00	35.96 0.04 0.00	39.44 0.05 0.26	38.74 0.00 0.00	33.47 0.07 0.11	32.30 0.02 0.00	30.30 -0.03 0.00
DOGLEVILLE___HYD 23807	30.22 -0.21 0.00	32.27 -0.27 0.00	32.36 -0.24 0.00	29.78 -0.13 0.00	30.17 -0.24 0.00	28.92 -0.14 0.00	36.36 -0.02 0.05	42.52 -0.06 1.53	42.65 -0.09 1.73	29.57 -0.22 0.00	31.79 -0.42 0.00	29.77 -0.83 0.00	25.84 -0.97 0.00	25.65 -0.67 0.00	23.42 -0.72 0.00	26.01 -0.89 0.00	23.92 -0.69 0.00	33.27 -0.31 0.00	35.78 -0.14 0.00	39.39 0.01 0.26	38.49 -0.25 0.00	33.24 -0.17 0.11	32.05 -0.23 0.00	29.97 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	26.18 -2.57 1.68	26.53 -2.68 3.33	26.47 -2.81 3.32	24.15 -2.57 3.18	24.88 -2.46 3.07	25.63 -1.88 1.56	31.89 -2.27 2.28	38.22 -2.34 3.54	37.65 -2.17 4.66	27.99 -1.80 0.00	30.71 -1.50 0.00	29.39 -1.21 0.00	25.68 -1.13 0.00	25.45 -0.86 0.00	23.47 -0.67 0.00	26.13 -0.78 0.00	23.76 -0.85 0.00	29.53 -1.96 2.09	32.14 -2.56 1.22	33.61 -2.76 3.27	32.40 -2.52 3.82	28.86 -2.35 2.31	30.45 -1.83 0.00	28.66 -1.67 0.00
DUNKIRK___1 23563	26.18 -2.57 1.68	26.53 -2.68 3.33	26.47 -2.81 3.32	24.15 -2.57 3.18	24.88 -2.46 3.07	25.63 -1.88 1.56	31.89 -2.27 2.28	38.22 -2.34 3.54	37.65 -2.17 4.66	27.99 -1.80 0.00	30.71 -1.50 0.00	29.39 -1.21 0.00	25.68 -1.13 0.00	25.45 -0.86 0.00	23.47 -0.67 0.00	26.13 -0.78 0.00	23.76 -0.85 0.00	29.53 -1.96 2.09	32.14 -2.56 1.22	33.61 -2.76 3.27	32.40 -2.52 3.82	28.86 -2.35 2.31	30.45 -1.83 0.00	28.66 -1.67 0.00
DUNKIRK___2 23564	26.18 -2.57 1.68	26.53 -2.68 3.33	26.47 -2.81 3.32	24.15 -2.57 3.18	24.88 -2.46 3.07	25.63 -1.88 1.56	31.89 -2.27 2.28	38.22 -2.34 3.54	37.65 -2.17 4.66	27.99 -1.80 0.00	30.71 -1.50 0.00	29.39 -1.21 0.00	25.68 -1.13 0.00	25.45 -0.86 0.00	23.47 -0.67 0.00	26.13 -0.78 0.00	23.76 -0.85 0.00	29.53 -1.96 2.09	32.14 -2.56 1.22	33.61 -2.76 3.27	32.40 -2.52 3.82	28.86 -2.35 2.31	30.45 -1.83 0.00	28.66 -1.67 0.00
DUNKIRK___3 23565	26.15 -2.45 1.83	26.35 -2.55 3.63	26.30 -2.68 3.62	23.96 -2.46 3.48	24.70 -2.36 3.35	25.46 -1.90 1.70	31.61 -2.34 2.48	38.04 -2.47 3.59	37.36 -2.36 4.76	27.98 -1.81 0.00	30.75 -1.46 0.00	29.48 -1.12 0.00	25.78 -1.03 0.00	25.46 -0.86 0.00	23.42 -0.71 0.00	26.06 -0.85 0.00	23.70 -0.91 0.00	29.35 -1.95 2.29	32.07 -2.52 1.33	33.37 -2.74 3.53	32.07 -2.50 4.17	28.69 -2.33 2.50	30.48 -1.81 0.00	28.72 -1.61 0.00
DUNKIRK___4 23566	26.15 -2.45 1.83	26.35 -2.55 3.63	26.30 -2.68 3.62	23.96 -2.46 3.48	24.70 -2.36 3.35	25.46 -1.90 1.70	31.61 -2.34 2.48	38.04 -2.47 3.59	37.36 -2.36 4.76	27.98 -1.81 0.00	30.75 -1.46 0.00	29.48 -1.12 0.00	25.78 -1.03 0.00	25.46 -0.86 0.00	23.42 -0.71 0.00	26.06 -0.85 0.00	23.70 -0.91 0.00	29.35 -1.95 2.29	32.07 -2.52 1.33	33.37 -2.74 3.53	32.07 -2.50 4.17	28.69 -2.33 2.50	30.48 -1.81 0.00	28.72 -1.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.62 1.19 0.00	33.80 1.26 0.00	33.83 1.23 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.13 1.06 0.00	38.03 1.64 0.04	45.03 2.20 1.27	45.14 2.12 1.45	31.13 1.34 0.00	33.72 1.51 0.00	31.97 1.37 0.00	28.06 1.25 0.00	27.51 1.19 0.00	25.20 1.06 0.00	28.17 1.26 0.00	25.83 1.22 0.00	35.21 1.63 0.00	37.61 1.68 0.00	41.42 2.00 0.22	40.39 1.64 0.00	34.84 1.41 0.09	33.52 1.24 0.00	31.32 0.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.40 0.98 0.00	33.57 1.03 0.00	33.64 1.03 0.00	30.86 0.96 0.00	31.27 0.86 0.00	29.98 0.91 0.00	37.80 1.41 0.04	44.70 1.88 1.28	44.81 1.80 1.46	30.88 1.10 0.00	33.39 1.18 0.00	31.64 1.04 0.00	27.74 0.93 0.00	27.21 0.90 0.00	24.94 0.80 0.00	27.90 1.00 0.00	25.61 0.99 0.00	34.95 1.36 0.00	37.35 1.43 0.00	41.14 1.71 0.22	40.16 1.42 0.00	34.62 1.19 0.09	33.32 1.04 0.00	31.14 0.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.71 1.27 -0.01	33.90 1.36 -0.01	33.97 1.36 -0.01	31.16 1.25 -0.01	31.50 1.09 0.00	30.18 1.11 0.00	38.10 1.71 0.03	45.16 2.33 1.27	45.23 2.22 1.46	31.18 1.39 0.00	33.78 1.57 0.01	32.03 1.44 0.01	28.12 1.32 0.01	27.57 1.26 0.01	25.25 1.12 0.01	28.21 1.31 0.01	25.89 1.29 0.01	35.28 1.71 0.01	37.68 1.76 0.01	41.45 2.02 0.22	40.43 1.69 0.00	34.88 1.47 0.10	33.55 1.27 0.00	31.32 1.00 0.01
E179THST_13_KV_LOAD 356214	31.81 1.38 -0.01	34.02 1.47 -0.01	34.07 1.46 -0.01	31.25 1.34 -0.01	31.60 1.19 0.00	30.27 1.20 0.00	38.24 1.85 0.03	45.35 2.52 1.27	45.42 2.41 1.46	31.32 1.53 0.00	33.92 1.71 0.01	32.16 1.57 0.01	28.24 1.44 0.01	27.69 1.38 0.01	25.36 1.23 0.01	28.33 1.43 0.01	26.00 1.40 0.01	35.43 1.86 0.01	37.84 1.93 0.01	41.62 2.20 0.22	40.60 1.87 0.00	35.03 1.61 0.10	33.69 1.41 0.00	31.44 1.12 0.01
EAST HAMPTON___GT 23717	32.45 2.02 0.00	34.95 2.41 0.00	34.97 2.37 0.00	32.00 2.10 0.00	32.45 2.04 0.00	31.34 2.27 0.00	39.74 3.35 0.04	46.48 3.65 1.27	45.74 2.72 1.45	31.54 1.75 0.00	34.05 1.84 0.00	32.15 1.55 0.00	27.84 1.03 0.00	27.03 0.72 0.00	24.63 0.49 0.00	27.68 0.78 0.00	25.50 0.88 0.00	34.72 1.13 0.00	36.73 0.81 0.00	40.46 1.04 0.22	38.78 0.03 0.00	33.45 0.03 0.09	32.11 -0.17 0.00	30.67 -0.42 -0.76
EAST RIVER___6 23660	31.73 1.30 0.00	33.89 1.36 0.00	33.94 1.34 0.00	31.13 1.24 0.00	31.52 1.12 0.00	30.23 1.16 0.00	38.21 1.82 0.04	45.29 2.46 1.27	45.37 2.35 1.45	31.28 1.49 0.00	33.92 1.71 0.00	32.16 1.57 0.00	28.24 1.44 0.00	27.69 1.38 0.00	25.36 1.22 0.00	28.33 1.43 0.00	26.01 1.40 0.00	35.43 1.85 0.00	37.82 1.90 0.00	41.63 2.21 0.22	40.59 1.85 0.00	34.99 1.56 0.09	33.64 1.36 0.00	31.42 1.09 0.00
EAST RIVER___7 23524	31.73 1.30 0.00	33.89 1.36 0.00	33.94 1.34 0.00	31.13 1.24 0.00	31.52 1.12 0.00	30.23 1.16 0.00	38.21 1.82 0.04	45.29 2.46 1.27	45.37 2.35 1.45	31.28 1.49 0.00	33.92 1.71 0.00	32.16 1.57 0.00	28.24 1.44 0.00	27.69 1.38 0.00	25.36 1.22 0.00	28.33 1.43 0.00	26.01 1.40 0.00	35.43 1.85 0.00	37.82 1.90 0.00	41.63 2.21 0.22	40.59 1.85 0.00	34.99 1.56 0.09	33.64 1.36 0.00	31.42 1.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.56 1.14 0.00	33.74 1.20 0.00	33.78 1.18 0.00	30.99 1.09 0.00	31.39 0.97 0.00	30.09 1.02 0.00	37.97 1.58 0.04	44.93 2.10 1.27	45.04 2.02 1.45	31.05 1.27 0.00	33.63 1.42 0.00	31.89 1.30 0.00	27.98 1.17 0.00	27.44 1.12 0.00	25.14 1.00 0.00	28.10 1.19 0.00	25.78 1.17 0.00	35.14 1.55 0.00	37.53 1.61 0.00	41.32 1.89 0.22	40.31 1.57 0.00	34.76 1.34 0.09	33.45 1.17 0.00	31.25 0.93 0.00
EAST_HAMPTON___DIESEL 23722	32.44 2.01 0.00	34.95 2.41 0.00	34.97 2.37 0.00	32.00 2.10 0.00	32.44 2.03 0.00	31.33 2.27 0.00	39.74 3.35 0.04	46.46 3.63 1.27	45.72 2.70 1.45	31.53 1.74 0.00	34.04 1.83 0.00	32.14 1.54 0.00	27.83 1.02 0.00	27.01 0.69 0.00	24.60 0.46 0.00	27.65 0.74 0.00	25.45 0.84 0.00	34.65 1.07 0.00	36.64 0.72 0.00	40.35 0.92 0.22	38.64 -0.10 0.00	33.33 -0.09 0.09	32.00 -0.28 0.00	30.56 -0.53 -0.76
EAST_POINT___SOLAR 323840	31.69 1.26 0.00	33.88 1.34 0.00	33.92 1.32 0.00	31.12 1.22 0.00	31.71 1.30 0.00	30.36 1.29 0.00	38.24 1.86 0.05	45.12 2.37 1.35	44.86 1.92 1.53	30.43 0.65 0.00	32.85 0.64 0.00	30.61 0.01 0.00	26.81 0.01 0.00	26.66 0.34 0.00	24.35 0.21 0.00	26.86 -0.04 0.00	24.46 -0.15 0.00	34.86 1.28 0.00	37.70 1.78 0.00	41.76 2.35 0.23	41.11 2.37 0.00	35.38 1.96 0.10	34.17 1.89 0.00	31.98 1.66 0.00
EAST_PULASKI___ESR 323781	29.45 -1.07 -0.09	32.45 -1.15 -1.06	32.50 -1.16 -1.07	29.86 -1.05 -1.01	30.42 -1.01 -1.02	29.09 -0.97 -1.00	36.38 -1.15 -1.11	42.28 -1.34 0.48	41.42 -1.43 1.63	28.72 -1.07 0.00	31.07 -1.14 0.00	29.61 -0.98 0.00	25.94 -0.87 0.00	25.35 -0.96 0.00	23.48 -0.66 0.00	26.27 -0.64 0.00	23.98 -0.63 0.00	32.64 -0.94 0.00	34.93 -0.99 0.00	38.31 -1.09 0.24	37.88 -0.86 0.00	32.72 -0.69 0.10	31.44 -0.84 0.00	29.44 -0.88 0.00
EAST_RIVER___1 323558	31.69 1.26 0.00	33.85 1.32 0.00	33.90 1.30 0.00	31.09 1.19 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.17 1.78 0.04	45.23 2.40 1.27	45.31 2.29 1.45	31.24 1.45 0.00	33.87 1.66 0.00	32.11 1.51 0.00	28.20 1.39 0.00	27.64 1.33 0.00	25.32 1.17 0.00	28.28 1.38 0.00	25.97 1.36 0.00	35.37 1.79 0.00	37.76 1.84 0.00	41.57 2.14 0.22	40.54 1.80 0.00	34.94 1.52 0.09	33.60 1.32 0.00	31.38 1.05 0.00
EAST_RIVER___2 323559	31.73 1.30 0.00	33.89 1.36 0.00	33.94 1.34 0.00	31.13 1.24 0.00	31.52 1.12 0.00	30.23 1.16 0.00	38.21 1.82 0.04	45.29 2.46 1.27	45.37 2.35 1.45	31.28 1.49 0.00	33.92 1.71 0.00	32.16 1.57 0.00	28.24 1.44 0.00	27.69 1.38 0.00	25.36 1.22 0.00	28.33 1.43 0.00	26.01 1.40 0.00	35.43 1.85 0.00	37.82 1.90 0.00	41.63 2.21 0.22	40.59 1.85 0.00	34.99 1.56 0.09	33.64 1.36 0.00	31.42 1.09 0.00
EAST___DELAWARE_HYD 23607	31.73 1.30 0.00	33.92 1.38 0.00	33.99 1.39 0.00	31.19 1.29 0.00	31.65 1.24 0.00	30.36 1.30 0.00	38.30 1.91 0.04	45.29 2.47 1.28	45.39 2.38 1.47	31.22 1.43 0.00	33.70 1.48 0.00	31.85 1.25 0.00	27.89 1.08 0.00	27.44 1.12 0.00	25.11 0.97 0.00	28.14 1.23 0.00	25.80 1.19 0.00	35.35 1.77 0.00	37.82 1.90 0.00	41.65 2.23 0.22	40.67 1.93 0.00	35.02 1.60 0.09	33.69 1.41 0.00	31.50 1.17 0.00
EIGHT_POINT___WT_PWR 323820	38.76 -3.68 -12.01	54.30 -3.45 -25.21	54.07 -3.70 -25.17	50.64 -3.40 -24.15	50.31 -3.35 -23.25	37.49 -3.40 -11.83	48.91 -3.94 -16.42	40.45 -4.20 -0.55	44.69 -4.30 -4.52	27.04 -2.75 0.00	30.45 -1.76 0.00	29.26 -1.34 0.00	25.19 -1.63 -0.01	24.21 -2.10 0.00	22.26 -1.88 0.00	25.05 -1.86 0.00	22.97 -1.65 0.00	46.80 -2.64 -15.86	42.42 -2.74 -9.23	56.92 -2.96 -20.24	64.19 -3.53 -28.98	45.41 -3.60 -15.50	29.17 -3.11 0.00	27.39 -2.94 0.00
ELBRIDGE_115KV_TB2 80188	29.73 -0.69 0.00	31.87 -0.67 0.00	31.92 -0.68 0.00	29.30 -0.60 0.00	29.80 -0.61 0.00	28.46 -0.61 0.00	35.59 -0.78 0.07	41.17 -0.91 2.03	41.13 -1.00 2.34	29.08 -0.70 0.00	31.50 -0.71 0.00	30.04 -0.56 0.00	26.32 -0.49 0.00	25.77 -0.55 0.00	23.66 -0.48 0.00	26.41 -0.49 0.00	24.19 -0.42 0.00	32.99 -0.60 0.00	35.25 -0.67 0.00	38.56 -0.73 0.35	38.04 -0.70 0.00	32.67 -0.69 0.15	31.61 -0.67 0.00	29.76 -0.56 0.00
ELEC_TRO_TEK 24086	31.85 1.43 0.00	34.06 1.53 0.00	34.06 1.46 0.00	31.23 1.33 0.00	31.61 1.20 0.00	30.35 1.28 0.00	38.21 1.82 0.04	45.13 2.30 1.27	45.22 2.20 1.45	31.21 1.42 0.00	33.87 1.65 0.00	32.05 1.45 0.00	28.05 1.25 0.00	27.48 1.17 0.00	25.21 1.07 0.00	28.24 1.34 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.70 1.77 0.00	41.54 2.12 0.22	40.41 1.67 0.00	34.91 1.49 0.09	33.63 1.35 0.00	37.44 1.10 -6.01

ELLENBURG_WT_PWR 323604	25.52 -0.61 4.30	-19.51 -0.83 51.22	-19.73 -0.85 51.48	-19.92 -0.84 48.98	-19.75 -0.76 49.40	-19.83 -0.72 48.18	-19.97 -0.88 55.52	-20.42 -1.12 63.41	-19.65 -1.11 63.01	-19.85 -0.63 49.00	-7.51 -0.68 39.05	30.00 -0.60 0.00	10.38 -0.54 15.88	26.09 -0.22 0.00	23.79 -0.35 0.00	14.53 -0.65 11.73	24.19 -0.42 0.00	33.48 -0.10 0.00	36.19 0.27 0.00	39.36 -0.22 0.06	38.70 -0.05 0.00	6.58 -0.62 26.31	5.20 -0.60 26.49	29.91 -0.42 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.65 -2.28 2.50	25.13 -2.37 5.04	25.04 -2.53 5.03	22.73 -2.35 4.82	23.60 -2.16 4.65	24.66 -2.04 2.36	30.29 -2.74 3.40	37.11 -3.14 3.86	36.01 -3.17 5.29	27.80 -1.99 0.00	30.75 -1.47 0.00	29.63 -0.97 0.00	25.92 -0.88 0.00	25.33 -0.98 0.00	23.11 -1.02 0.00	25.78 -1.13 0.00	23.43 -1.19 0.00	28.28 -2.13 3.17	31.54 -2.53 1.85	31.98 -2.96 4.70	30.49 -2.46 5.79	27.82 -2.32 3.38	30.53 -1.75 0.00	28.92 -1.40 0.00
EMPIRE_CC_1 323656	31.12 0.69 0.00	33.25 0.71 0.00	33.35 0.75 0.00	30.64 0.74 0.00	31.05 0.64 0.00	29.76 0.69 0.00	37.11 0.72 0.04	43.57 0.70 1.24	43.91 0.84 1.41	30.43 0.64 0.00	32.83 0.62 0.00	31.08 0.48 0.00	27.18 0.37 0.00	26.65 0.33 0.00	24.35 0.22 0.00	27.26 0.36 0.00	24.93 0.32 0.00	34.07 0.48 0.00	36.42 0.50 0.00	39.90 0.47 0.21	39.00 0.26 0.00	33.86 0.43 0.09	32.69 0.41 0.00	30.71 0.39 0.00
EMPIRE_CC_2 323658	31.12 0.69 0.00	33.25 0.71 0.00	33.35 0.75 0.00	30.64 0.74 0.00	31.05 0.64 0.00	29.76 0.69 0.00	37.11 0.72 0.04	43.57 0.70 1.24	43.91 0.84 1.41	30.43 0.64 0.00	32.83 0.62 0.00	31.08 0.48 0.00	27.18 0.37 0.00	26.65 0.33 0.00	24.35 0.22 0.00	27.26 0.36 0.00	24.93 0.32 0.00	34.07 0.48 0.00	36.42 0.50 0.00	39.90 0.47 0.21	39.00 0.26 0.00	33.86 0.43 0.09	32.69 0.41 0.00	30.71 0.39 0.00
ENORWICH_115KV_TB1 80156	31.20 0.02 -0.76	33.96 0.06 -1.36	33.99 0.02 -1.36	31.31 0.11 -1.31	31.77 0.10 -1.26	29.95 0.25 -0.64	37.90 0.65 -0.82	43.14 1.03 1.99	42.91 0.53 2.10	29.70 -0.09 0.00	32.20 -0.01 0.00	30.84 0.24 0.00	26.33 -0.48 0.00	25.37 -0.95 0.00	23.77 -0.36 0.00	26.86 -0.05 0.00	24.41 -0.20 0.00	35.01 0.57 -0.86	37.48 1.06 -0.50	41.82 1.43 -0.74	41.49 1.19 -1.56	35.08 0.88 -0.69	33.44 1.16 0.00	30.60 0.27 0.00
ERIE_ST__34_KV_TB1-2 80199	26.48 -1.83 2.12	26.39 -1.91 4.24	26.28 -2.09 4.23	23.91 -1.94 4.06	24.73 -1.78 3.91	25.40 -1.68 1.99	31.36 -2.19 2.88	37.94 -2.46 3.70	37.01 -2.48 4.98	28.27 -1.52 0.00	31.30 -0.91 0.00	30.18 -0.42 0.00	26.46 -0.35 0.00	25.80 -0.51 0.00	23.53 -0.61 0.00	26.25 -0.65 0.00	23.86 -0.75 0.00	29.39 -1.53 2.67	32.42 -1.95 1.55	33.35 -2.26 4.03	32.02 -1.85 4.87	28.85 -1.79 2.88	31.06 -1.22 0.00	29.37 -0.96 0.00
ERIE_WT_PWR 323693	26.09 -2.08 2.26	25.87 -2.13 4.54	25.77 -2.30 4.54	23.37 -2.18 4.35	24.27 -1.95 4.19	25.07 -1.86 2.13	30.86 -2.50 3.08	37.51 -2.83 3.76	36.53 -2.84 5.10	28.01 -1.78 0.00	31.01 -1.20 0.00	29.85 -0.75 0.00	26.12 -0.69 0.00	25.52 -0.79 0.00	23.29 -0.85 0.00	25.97 -0.94 0.00	23.61 -1.00 0.00	28.87 -1.85 2.86	31.99 -2.27 1.67	32.73 -2.62 4.29	31.33 -2.19 5.22	28.35 -2.10 3.07	30.76 -1.53 0.00	29.11 -1.22 0.00
ESPRGFLD_115KV_TB1 80157	30.99 0.56 0.00	33.17 0.63 0.00	33.24 0.64 0.00	30.47 0.57 0.00	31.02 0.62 0.00	29.63 0.56 0.00	37.30 0.92 0.05	43.88 1.31 1.53	43.89 1.17 1.75	30.36 0.57 0.00	32.93 0.71 0.00	31.32 0.72 0.00	27.51 0.71 0.00	26.97 0.66 0.00	24.91 0.77 0.00	27.69 0.79 0.00	25.27 0.66 0.00	34.68 1.09 0.00	37.13 1.21 0.00	40.81 1.43 0.26	40.29 1.55 0.00	34.63 1.23 0.11	33.49 1.21 0.00	31.36 1.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.48 -0.27 -1.32	34.50 -0.24 -2.20	34.54 -0.26 -2.19	31.79 -0.21 -2.11	32.22 -0.22 -2.03	29.90 -0.19 -1.03	37.70 -0.10 -1.36	42.12 0.01 1.99	42.33 -0.17 1.97	29.48 -0.30 0.00	31.90 -0.31 0.00	30.40 -0.20 0.00	26.50 -0.31 0.00	25.95 -0.37 0.00	23.89 -0.25 0.00	26.67 -0.24 0.00	24.47 -0.14 0.00	35.02 0.06 -1.38	36.82 0.09 -0.80	41.21 0.16 -1.41	41.40 0.13 -2.52	34.72 0.00 -1.20	32.28 0.00 0.00	30.25 -0.08 0.00
ETNA____115KV_TB2 80207	31.48 -0.27 -1.32	34.50 -0.24 -2.20	34.54 -0.26 -2.19	31.79 -0.21 -2.11	32.22 -0.22 -2.03	29.90 -0.19 -1.03	37.70 -0.10 -1.36	42.12 0.01 1.99	42.33 -0.17 1.97	29.48 -0.30 0.00	31.90 -0.31 0.00	30.40 -0.20 0.00	26.50 -0.31 0.00	25.95 -0.37 0.00	23.89 -0.25 0.00	26.67 -0.24 0.00	24.47 -0.14 0.00	35.02 0.06 -1.38	36.82 0.09 -0.80	41.21 0.16 -1.41	41.40 0.13 -2.52	34.72 0.00 -1.20	32.28 0.00 0.00	30.25 -0.08 0.00
EUCLID____115KV_TB2 356179	29.59 -0.84 0.00	31.69 -0.84 0.00	31.73 -0.87 0.00	29.13 -0.77 0.00	29.63 -0.78 0.00	28.29 -0.78 0.00	35.31 -1.03 0.09	40.15 -1.20 2.75	40.01 -1.24 3.22	28.95 -0.84 0.00	31.34 -0.87 0.00	29.89 -0.71 0.00	26.21 -0.60 0.00	25.67 -0.64 0.00	23.56 -0.58 0.00	26.29 -0.61 0.00	24.06 -0.55 0.00	32.76 -0.82 0.00	35.00 -0.92 0.00	38.14 -1.02 0.48	37.78 -0.96 0.00	32.44 -0.87 0.21	31.45 -0.84 0.00	29.61 -0.72 0.00
E_CANADA_CAP_HY 24051	31.26 0.83 0.00	33.45 0.91 0.00	33.49 0.89 0.00	30.71 0.81 0.00	31.30 0.89 0.00	29.90 0.84 0.00	37.57 1.19 0.05	44.31 1.59 1.39	44.33 1.44 1.58	30.46 0.68 0.00	32.95 0.73 0.00	31.17 0.57 0.00	27.32 0.51 0.00	26.88 0.56 0.00	24.81 0.67 0.00	27.55 0.64 0.00	25.10 0.49 0.00	34.70 1.12 0.00	37.28 1.36 0.00	41.06 1.66 0.23	40.54 1.81 0.00	34.89 1.47 0.10	33.78 1.49 0.00	31.67 1.34 0.00
E_CANADA_MHWK_HY 24050	30.22 -0.21 0.00	32.27 -0.27 0.00	32.36 -0.24 0.00	29.78 -0.13 0.00	30.17 -0.24 0.00	28.92 -0.14 0.00	36.36 -0.02 0.05	42.52 -0.06 1.53	42.65 -0.09 1.73	29.57 -0.22 0.00	31.79 -0.42 0.00	29.77 -0.83 0.00	25.84 -0.97 0.00	25.65 -0.67 0.00	23.42 -0.72 0.00	26.01 -0.89 0.00	23.92 -0.69 0.00	33.27 -0.31 0.00	35.78 -0.14 0.00	39.39 0.01 0.26	38.49 -0.25 0.00	33.24 -0.17 0.11	32.05 -0.23 0.00	29.97 -0.36 0.00
E_FISHKILL____LBMP 23776	31.43 1.00 0.00	33.60 1.06 0.00	33.66 1.06 0.00	30.88 0.98 0.00	31.29 0.88 0.00	29.98 0.91 0.00	37.75 1.36 0.04	44.61 1.78 1.27	44.75 1.73 1.45	30.88 1.10 0.00	33.42 1.21 0.00	31.69 1.09 0.00	27.79 0.99 0.00	27.26 0.94 0.00	24.97 0.83 0.00	27.91 1.00 0.00	25.59 0.97 0.00	34.88 1.30 0.00	37.27 1.35 0.00	41.01 1.59 0.22	40.02 1.28 0.00	34.54 1.11 0.09	33.26 0.98 0.00	31.10 0.77 0.00
FALCON____SEABRD_CC1 323796	25.45 -0.61 4.36	-20.38 -0.92 52.00	-20.52 -0.86 52.26	-20.62 -0.80 49.73	-20.61 -0.87 50.15	-20.69 -0.84 48.91	-20.79 -0.85 56.36	-21.31 -1.05 64.37	-20.61 -1.10 63.98	-20.69 -0.73 49.75	-8.08 -0.65 39.64	29.89 -0.71 0.00	10.07 -0.62 16.12	26.15 -0.16 0.00	23.82 -0.32 0.00	14.18 -0.82 11.91	24.12 -0.49 0.00	33.66 0.08 0.00	36.51 0.59 0.00	39.47 -0.11 0.07	38.69 -0.06 0.00	6.00 -0.80 26.72	4.43 -0.96 26.89	29.66 -0.67 0.00

FALCON___SEABRD_CC2 323797	25.45 -0.61 4.36	-20.38 -0.92 52.00	-20.52 -0.86 52.26	-20.62 -0.80 49.73	-20.61 -0.87 50.15	-20.69 -0.84 48.91	-20.79 -0.85 56.36	-21.31 -1.05 64.37	-20.61 -1.10 63.98	-20.69 -0.73 49.75	-8.08 -0.65 39.64	29.89 -0.71 0.00	10.07 -0.62 16.12	26.15 -0.16 0.00	23.82 -0.32 0.00	14.18 -0.82 11.91	24.12 -0.49 0.00	33.66 0.08 0.00	36.51 0.59 0.00	39.47 -0.11 0.07	38.69 -0.06 0.00	6.00 -0.80 26.72	4.43 -0.96 26.89	29.66 -0.67 0.00
FAR ROCKAWAY___4 23548	32.20 1.78 0.00	34.42 1.88 0.00	34.41 1.81 0.00	31.58 1.68 0.00	31.93 1.52 0.00	30.66 1.60 0.00	38.59 2.20 0.04	45.61 2.78 1.27	45.69 2.67 1.45	31.57 1.78 0.00	34.24 2.02 0.00	32.39 1.80 0.00	28.35 1.54 0.00	27.78 1.47 0.00	25.49 1.35 0.00	28.57 1.66 0.00	26.26 1.64 0.00	35.80 2.22 0.00	38.20 2.28 0.00	42.10 2.68 0.22	40.96 2.22 0.00	35.38 1.95 0.09	34.07 1.79 0.00	45.76 1.50 -13.93
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.67 1.24 0.00	33.84 1.30 0.00	33.88 1.28 0.00	31.08 1.18 0.00	31.47 1.06 0.00	30.16 1.10 0.00	38.13 1.74 0.04	45.18 2.35 1.27	45.26 2.24 1.45	31.24 1.46 0.00	33.86 1.65 0.00	32.11 1.51 0.00	28.20 1.40 0.00	27.64 1.33 0.00	25.32 1.18 0.00	28.28 1.38 0.00	25.97 1.36 0.00	35.37 1.79 0.00	37.77 1.85 0.00	41.59 2.16 0.22	40.55 1.81 0.00	34.93 1.51 0.09	33.57 1.29 0.00	31.34 1.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.71 1.29 0.00	33.89 1.35 0.00	33.93 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.21 1.15 0.00	38.20 1.81 0.04	45.26 2.43 1.27	45.34 2.32 1.45	31.25 1.46 0.00	33.87 1.66 0.00	32.13 1.53 0.00	28.21 1.40 0.00	27.66 1.34 0.00	25.33 1.19 0.00	28.30 1.39 0.00	25.97 1.36 0.00	35.39 1.81 0.00	37.78 1.86 0.00	41.61 2.18 0.22	40.56 1.82 0.00	34.97 1.54 0.09	33.63 1.35 0.00	31.39 1.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.68 1.25 0.00	33.86 1.32 0.00	33.90 1.30 0.00	31.09 1.19 0.00	31.48 1.07 0.00	30.19 1.12 0.00	38.16 1.77 0.04	45.22 2.39 1.27	45.30 2.28 1.45	31.23 1.44 0.00	33.85 1.64 0.00	32.10 1.50 0.00	28.19 1.38 0.00	27.63 1.32 0.00	25.31 1.17 0.00	28.27 1.37 0.00	25.96 1.34 0.00	35.36 1.78 0.00	37.75 1.83 0.00	41.56 2.14 0.22	40.53 1.78 0.00	34.93 1.51 0.09	33.59 1.31 0.00	31.36 1.03 0.00
FARRAGUT___LBMP 323566	31.67 1.24 0.00	33.84 1.30 0.00	33.88 1.28 0.00	31.08 1.18 0.00	31.47 1.06 0.00	30.16 1.10 0.00	38.13 1.74 0.04	45.18 2.35 1.27	45.25 2.23 1.45	31.20 1.41 0.00	33.82 1.60 0.00	32.07 1.47 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.28 1.14 0.00	28.25 1.34 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.72 1.80 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.90 1.48 0.09	33.57 1.29 0.00	31.34 1.02 0.00
FENNER___WINDPWR 24204	30.32 -0.15 -0.05	32.38 -0.15 0.00	32.44 -0.16 0.00	29.77 -0.13 0.00	30.28 -0.12 0.00	28.98 -0.08 0.00	36.39 0.03 0.07	42.09 0.11 2.12	42.09 0.06 2.45	29.76 -0.03 0.00	32.16 -0.05 0.00	30.56 -0.04 0.00	26.71 -0.09 0.00	26.21 -0.10 0.00	24.04 -0.10 0.00	26.85 -0.06 0.00	24.57 -0.04 0.00	33.70 0.12 0.00	36.16 0.24 0.00	39.51 0.23 0.36	39.03 0.29 0.00	33.66 0.30 0.16	32.40 0.12 0.00	30.33 0.01 0.00
FIBERTEK___ENERGY 23856	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
FITZPATRICK____ 23598	29.37 -1.06 0.00	31.45 -1.09 0.00	31.51 -1.09 0.00	28.93 -0.98 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.74 -1.36 0.33	32.04 -1.71 10.35	30.44 -1.73 12.30	28.65 -1.14 0.00	31.00 -1.21 0.00	29.54 -1.06 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.30 -0.84 0.00	25.98 -0.92 0.00	23.77 -0.84 0.00	32.35 -1.23 0.00	34.58 -1.34 0.00	36.34 -1.48 1.83	37.32 -1.42 0.00	31.47 -1.26 0.79	31.08 -1.20 0.00	29.31 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	32.12 1.70 0.00	34.40 1.86 0.00	34.38 1.79 0.00	31.52 1.62 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.50 2.48 1.45	31.35 1.57 0.00	34.00 1.79 0.00	32.14 1.54 0.00	28.01 1.20 0.00	27.37 1.06 0.00	25.11 0.96 0.00	28.24 1.33 0.00	26.00 1.39 0.00	35.38 1.80 0.00	37.78 1.85 0.00	41.77 2.34 0.22	40.43 1.69 0.00	34.91 1.48 0.09	33.60 1.32 0.00	32.15 1.02 -0.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.77 1.34 0.00	33.95 1.41 0.00	34.00 1.40 0.00	31.19 1.29 0.00	31.62 1.21 0.00	30.32 1.25 0.00	38.25 1.86 0.04	45.23 2.40 1.27	45.39 2.37 1.45	31.27 1.48 0.00	33.80 1.59 0.00	32.05 1.45 0.00	28.08 1.27 0.00	27.54 1.23 0.00	25.24 1.10 0.00	28.23 1.32 0.00	25.91 1.30 0.00	35.36 1.78 0.00	37.74 1.82 0.00	41.55 2.12 0.22	40.56 1.82 0.00	34.96 1.53 0.09	33.65 1.37 0.00	31.44 1.11 0.00
FORT ORANGE____ 23900	31.17 0.74 0.00	33.28 0.74 0.00	33.37 0.77 0.00	30.69 0.79 0.00	31.13 0.72 0.00	29.84 0.77 0.00	37.32 0.93 0.04	43.92 1.06 1.24	44.24 1.17 1.41	30.58 0.79 0.00	32.92 0.70 0.00	31.17 0.57 0.00	27.22 0.42 0.00	26.71 0.39 0.00	24.45 0.31 0.00	27.32 0.42 0.00	25.01 0.40 0.00	34.26 0.68 0.00	36.73 0.81 0.00	40.30 0.87 0.21	39.42 0.68 0.00	34.14 0.72 0.09	32.92 0.64 0.00	30.88 0.55 0.00
FORT_DRUM_COGEN 23780	29.40 -1.23 -0.21	33.65 -1.37 -2.49	33.70 -1.40 -2.50	31.01 -1.27 -2.38	31.70 -1.11 -2.40	30.41 -1.00 -2.34	38.18 -0.90 -2.65	44.41 -1.15 -1.46	44.24 -1.26 -1.02	30.81 -1.16 -2.18	32.75 -1.20 -1.74	29.59 -1.01 0.00	26.58 -0.94 -0.71	25.19 -1.13 0.00	23.68 -0.46 0.00	27.12 -0.31 -0.52	24.14 -0.47 0.00	32.76 -0.82 0.00	35.21 -0.71 0.00	38.65 -0.73 0.26	38.56 -0.18 0.00	34.68 0.10 -1.06	33.09 -0.38 -1.18	29.48 -0.84 0.00
FOX_HILLS___ESR 323835	53.09 1.48 -21.18	52.80 1.59 -18.68	52.79 1.58 -18.60	52.34 1.43 -21.01	52.75 1.30 -21.04	53.39 1.33 -22.99	54.13 2.03 -15.67	54.92 2.70 -8.11	60.88 2.51 -13.89	58.20 1.54 -26.88	64.46 1.74 -30.51	60.17 1.60 -27.97	57.28 1.49 -28.99	57.28 1.43 -29.53	57.26 1.27 -31.86	56.93 1.48 -28.54	73.74 1.45 -47.68	86.30 1.91 -50.80	91.94 2.03 -53.99	92.12 2.39 -50.09	92.05 2.05 -51.26	91.97 1.77 -56.68	64.00 1.60 -30.12	62.50 1.32 -30.85
FPL FAR_ROCK_GT1 24212	32.19 1.77 0.00	34.39 1.86 0.00	34.40 1.80 0.00	31.57 1.67 0.00	31.93 1.52 0.00	30.65 1.59 0.00	38.59 2.20 0.04	45.61 2.78 1.27	45.69 2.67 1.45	31.57 1.78 0.00	34.24 2.03 0.00	32.39 1.79 0.00	28.35 1.54 0.00	27.78 1.47 0.00	25.49 1.35 0.00	28.57 1.66 0.00	26.26 1.64 0.00	35.79 2.22 0.00	38.20 2.28 0.00	42.10 2.67 0.22	40.95 2.21 0.00	35.37 1.95 0.09	34.06 1.78 0.00	45.76 1.50 -13.93

FPL FAR_ROCK_GT2 23815	32.19 1.77 0.00	34.39 1.86 0.00	34.40 1.80 0.00	31.57 1.67 0.00	31.93 1.52 0.00	30.65 1.59 0.00	38.59 2.20 0.04	45.61 2.78 1.27	45.69 2.67 1.45	31.57 1.78 0.00	34.24 2.03 0.00	32.39 1.79 0.00	28.35 1.54 0.00	27.78 1.47 0.00	25.49 1.35 0.00	28.57 1.66 0.00	26.26 1.64 0.00	35.79 2.22 0.00	38.20 2.28 0.00	42.10 2.67 0.22	40.95 2.21 0.00	35.37 1.95 0.09	34.06 1.78 0.00	45.76 1.50 -13.93
FRANKLIN_FALL_HYD 24054	32.99 -0.29 -2.86	66.13 -0.46 -34.05	66.33 -0.49 -34.22	61.95 -0.51 -32.56	62.87 -0.39 -32.84	60.75 -0.34 -32.03	72.98 -0.34 -36.88	85.16 -0.40 -41.45	85.17 -0.46 -41.17	62.18 -0.26 -32.65	57.97 -0.26 -26.02	30.33 -0.27 0.00	37.12 -0.27 -10.58	26.27 -0.05 0.00	23.98 -0.16 0.00	34.33 -0.39 -7.82	24.39 -0.22 0.00	33.63 0.05 0.00	36.35 0.43 0.00	39.71 0.15 0.08	39.14 0.40 0.00	50.86 -0.14 -17.49	49.83 -0.11 -17.66	30.27 -0.05 0.00
FREEPORT_EQUS_GT1 23764	31.98 1.55 0.00	34.16 1.63 0.00	34.17 1.57 0.00	31.33 1.43 0.00	31.71 1.30 0.00	30.45 1.39 0.00	38.33 1.94 0.04	45.28 2.46 1.27	45.35 2.33 1.45	31.29 1.50 0.00	33.94 1.73 0.00	32.10 1.50 0.00	28.08 1.27 0.00	27.50 1.18 0.00	25.23 1.09 0.00	28.30 1.39 0.00	26.00 1.39 0.00	35.43 1.85 0.00	37.83 1.92 0.00	41.68 2.26 0.22	40.53 1.79 0.00	35.03 1.60 0.09	33.75 1.47 0.00	36.61 1.21 -5.07
FREEPORT___CT2 23818	31.98 1.55 0.00	34.16 1.63 0.00	34.17 1.57 0.00	31.33 1.43 0.00	31.71 1.30 0.00	30.45 1.39 0.00	38.33 1.94 0.04	45.28 2.46 1.27	45.35 2.33 1.45	31.29 1.50 0.00	33.94 1.73 0.00	32.10 1.50 0.00	28.08 1.27 0.00	27.50 1.18 0.00	25.23 1.09 0.00	28.30 1.39 0.00	26.00 1.39 0.00	35.43 1.85 0.00	37.83 1.92 0.00	41.68 2.26 0.22	40.53 1.79 0.00	35.03 1.60 0.09	33.75 1.47 0.00	36.61 1.21 -5.07
FRESHKLS_33_KV_LOAD 356253	53.05 1.45 -21.18	52.77 1.56 -18.68	52.77 1.57 -18.60	52.31 1.39 -21.01	52.71 1.26 -21.04	53.33 1.28 -22.99	54.09 1.99 -15.67	54.86 2.65 -8.11	60.77 2.40 -13.89	55.03 1.44 -23.80	64.37 1.65 -30.51	60.07 1.50 -27.97	57.21 1.42 -28.99	57.20 1.36 -29.53	57.19 1.20 -31.86	56.85 1.40 -28.54	73.68 1.39 -47.68	81.51 1.81 -46.12	91.87 1.95 -53.99	92.06 2.34 -50.09	92.00 2.00 -51.26	91.94 1.74 -56.68	63.97 1.57 -30.12	62.51 1.33 -30.85
FULTON COGEN____ 23766	29.51 -0.92 0.00	31.60 -0.94 0.00	31.64 -0.95 0.00	29.06 -0.85 0.00	29.56 -0.85 0.00	28.22 -0.85 0.00	35.27 -1.12 0.04	41.66 -1.26 1.18	41.81 -1.32 1.34	28.88 -0.91 0.00	31.21 -1.00 0.00	29.76 -0.84 0.00	26.09 -0.72 0.00	25.57 -0.74 0.00	23.48 -0.66 0.00	26.22 -0.69 0.00	24.02 -0.59 0.00	32.73 -0.85 0.00	34.96 -0.96 0.00	38.36 -1.09 0.20	37.71 -1.03 0.00	32.50 -0.93 0.09	31.37 -0.91 0.00	29.55 -0.77 0.00
FULTON___LFGE 323630	31.55 1.13 0.00	33.73 1.20 0.00	33.79 1.19 0.00	31.00 1.10 0.00	31.56 1.15 0.00	30.22 1.15 0.00	38.02 1.63 0.04	44.83 2.06 1.33	44.82 1.87 1.52	30.67 0.88 0.00	32.97 0.76 0.00	30.89 0.29 0.00	26.85 0.04 0.00	26.66 0.34 0.00	24.56 0.42 0.00	27.18 0.27 0.00	24.87 0.25 0.00	34.82 1.24 0.00	37.58 1.65 0.00	41.47 2.05 0.23	40.79 2.05 0.00	35.13 1.71 0.10	33.92 1.64 0.00	31.78 1.45 0.00
G.F.CEMENT___DRP 24184	31.61 1.18 0.00	33.74 1.20 0.00	33.86 1.26 0.00	31.13 1.24 0.00	31.61 1.21 0.00	30.37 1.31 0.00	38.22 1.83 0.04	44.77 1.92 1.26	45.07 2.01 1.42	30.95 1.17 0.00	33.27 1.06 0.00	31.39 0.79 0.00	27.32 0.51 0.00	26.81 0.49 0.00	24.61 0.47 0.00	27.77 0.87 0.00	25.44 0.83 0.00	34.97 1.38 0.00	37.59 1.66 0.00	41.27 1.83 0.21	40.28 1.54 0.00	34.74 1.31 0.09	33.58 1.30 0.00	31.43 1.10 0.00
GARDENVILLE___LBMP 24039	25.84 -2.21 2.37	25.46 -2.30 4.78	25.37 -2.46 4.77	23.04 -2.29 4.57	23.90 -2.11 4.40	24.86 -1.96 2.24	30.58 -2.62 3.23	37.32 -2.97 3.81	36.30 -2.98 5.19	27.90 -1.89 0.00	30.86 -1.36 0.00	29.73 -0.87 0.00	26.01 -0.79 0.00	25.43 -0.88 0.00	23.21 -0.93 0.00	25.88 -1.03 0.00	23.53 -1.08 0.00	28.57 -2.01 3.01	31.74 -2.43 1.75	32.35 -2.81 4.48	30.90 -2.35 5.49	28.08 -2.23 3.21	30.63 -1.65 0.00	29.00 -1.33 0.00
GARDNVLA_35_KV_LD 355827	26.21 -2.01 2.21	26.03 -2.08 4.42	25.93 -2.26 4.42	23.55 -2.12 4.24	24.41 -1.92 4.08	25.19 -1.80 2.07	31.02 -2.41 3.00	37.64 -2.72 3.74	36.69 -2.73 5.06	28.10 -1.69 0.00	31.10 -1.11 0.00	29.97 -0.63 0.00	26.21 -0.60 0.00	25.60 -0.71 0.00	23.37 -0.77 0.00	26.06 -0.85 0.00	23.69 -0.92 0.00	29.04 -1.76 2.78	32.14 -2.16 1.62	32.90 -2.55 4.18	31.57 -2.08 5.09	28.53 -1.99 2.99	30.84 -1.44 0.00	29.20 -1.13 0.00
GELCKHM__115KV_LOAD 80723	29.70 -0.72 0.00	31.80 -0.74 0.00	31.85 -0.75 0.00	29.23 -0.67 0.00	29.75 -0.66 0.00	28.40 -0.67 0.00	35.46 -0.88 0.08	40.54 -1.03 2.54	40.44 -1.08 2.96	29.04 -0.74 0.00	31.44 -0.77 0.00	29.99 -0.61 0.00	26.28 -0.52 0.00	25.74 -0.57 0.00	23.61 -0.53 0.00	26.37 -0.54 0.00	24.14 -0.47 0.00	32.90 -0.68 0.00	35.14 -0.78 0.00	38.34 -0.86 0.44	37.93 -0.81 0.00	32.58 -0.75 0.19	31.55 -0.73 0.00	29.71 -0.62 0.00
GENERAL___MILLS 23808	26.06 -2.10 2.26	25.82 -2.18 4.54	25.72 -2.35 4.54	23.35 -2.20 4.35	24.22 -2.00 4.19	25.06 -1.88 2.13	30.85 -2.51 3.08	37.50 -2.84 3.76	36.52 -2.85 5.10	28.01 -1.78 0.00	31.00 -1.22 0.00	29.86 -0.74 0.00	26.13 -0.68 0.00	25.53 -0.79 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.61 -1.00 0.00	28.85 -1.87 2.86	31.97 -2.29 1.67	32.68 -2.68 4.29	31.31 -2.21 5.22	28.35 -2.10 3.07	30.75 -1.53 0.00	29.12 -1.21 0.00
GE_PLASTICS___DRP 24183	31.04 0.61 0.00	33.17 0.63 0.00	33.27 0.67 0.00	30.57 0.67 0.00	31.01 0.60 0.00	29.69 0.62 0.00	37.15 0.76 0.04	43.73 0.86 1.24	44.02 0.95 1.40	30.43 0.64 0.00	32.82 0.60 0.00	31.11 0.51 0.00	27.22 0.41 0.00	26.71 0.39 0.00	24.47 0.33 0.00	27.32 0.41 0.00	24.99 0.38 0.00	34.19 0.60 0.00	36.59 0.67 0.00	40.14 0.71 0.21	39.28 0.54 0.00	33.99 0.57 0.09	32.79 0.50 0.00	30.75 0.42 0.00
GILBOA___1 23756	30.92 0.49 0.00	33.07 0.53 0.00	33.24 0.64 0.00	30.53 0.63 0.00	30.95 0.55 0.00	29.54 0.47 0.00	37.06 0.68 0.05	43.44 0.78 1.45	43.69 0.87 1.66	30.32 0.53 0.00	32.80 0.59 0.00	31.11 0.52 0.00	27.25 0.44 0.00	26.78 0.47 0.00	24.66 0.52 0.00	27.42 0.51 0.00	25.04 0.43 0.00	34.20 0.62 0.00	36.56 0.64 0.00	40.08 0.68 0.25	39.32 0.58 0.00	33.94 0.53 0.11	32.75 0.48 0.00	30.70 0.38 0.00
GILBOA___2 23757	30.92 0.49 0.00	33.07 0.53 0.00	33.24 0.64 0.00	30.53 0.63 0.00	30.95 0.55 0.00	29.54 0.47 0.00	37.06 0.68 0.05	43.44 0.78 1.45	43.69 0.87 1.66	30.32 0.53 0.00	32.80 0.59 0.00	31.11 0.52 0.00	27.25 0.44 0.00	26.78 0.47 0.00	24.66 0.52 0.00	27.42 0.51 0.00	25.04 0.43 0.00	34.20 0.62 0.00	36.56 0.64 0.00	40.08 0.68 0.25	39.32 0.58 0.00	33.94 0.53 0.11	32.75 0.48 0.00	30.70 0.38 0.00

GILBOA___3 23758	30.92 0.49 0.00	33.07 0.53 0.00	33.24 0.64 0.00	30.53 0.63 0.00	30.95 0.55 0.00	29.54 0.47 0.00	37.06 0.68 0.05	43.44 0.78 1.45	43.69 0.87 1.66	30.32 0.53 0.00	32.80 0.59 0.00	31.11 0.52 0.00	27.25 0.44 0.00	26.78 0.47 0.00	24.66 0.52 0.00	27.42 0.51 0.00	25.04 0.43 0.00	34.20 0.62 0.00	36.56 0.64 0.00	40.08 0.68 0.25	39.32 0.58 0.00	33.94 0.53 0.11	32.75 0.48 0.00	30.70 0.38 0.00
GILBOA___4 23759	30.92 0.49 0.00	33.07 0.53 0.00	33.24 0.64 0.00	30.53 0.63 0.00	30.95 0.55 0.00	29.54 0.47 0.00	37.06 0.68 0.05	43.44 0.78 1.45	43.69 0.87 1.66	30.32 0.53 0.00	32.80 0.59 0.00	31.11 0.52 0.00	27.25 0.44 0.00	26.78 0.47 0.00	24.66 0.52 0.00	27.42 0.51 0.00	25.04 0.43 0.00	34.20 0.62 0.00	36.56 0.64 0.00	40.08 0.68 0.25	39.32 0.58 0.00	33.94 0.53 0.11	32.75 0.48 0.00	30.70 0.38 0.00
GILBOA___ 23599	30.92 0.49 0.00	33.07 0.54 0.00	33.24 0.65 0.00	30.53 0.63 0.00	30.96 0.55 0.00	29.54 0.47 0.00	37.06 0.68 0.05	43.44 0.78 1.45	43.69 0.87 1.66	30.32 0.53 0.00	32.80 0.58 0.00	31.12 0.52 0.00	27.25 0.44 0.00	26.78 0.47 0.00	24.66 0.52 0.00	27.42 0.51 0.00	25.04 0.43 0.00	34.21 0.62 0.00	36.56 0.64 0.00	40.08 0.68 0.25	39.32 0.58 0.00	33.94 0.53 0.11	32.76 0.48 0.00	30.70 0.38 0.00
GINNA___ 23603	27.85 -2.54 0.04	29.89 -2.65 0.00	29.88 -2.73 0.00	27.41 -2.49 0.00	28.02 -2.39 0.00	26.77 -2.29 0.00	33.38 -2.95 0.11	37.27 -3.49 3.34	36.91 -3.65 3.92	27.30 -2.49 0.00	29.90 -2.31 0.00	28.72 -1.88 0.00	25.18 -1.63 0.00	24.65 -1.66 0.00	22.55 -1.59 0.00	25.18 -1.73 0.00	22.97 -1.64 0.00	31.13 -2.45 0.00	33.19 -2.74 0.00	36.01 -3.05 0.58	35.97 -2.77 0.00	30.68 -2.59 0.25	29.93 -2.36 0.00	28.26 -2.07 0.00
GLEN PARK___ 23778	29.54 -1.09 -0.20	33.70 -1.22 -2.38	33.75 -1.25 -2.40	31.06 -1.12 -2.28	31.74 -0.96 -2.30	30.45 -0.85 -2.24	38.27 -0.70 -2.53	44.52 -0.89 -1.31	44.30 -1.04 -0.87	30.82 -1.05 -2.08	32.77 -1.10 -1.66	29.65 -0.95 0.00	26.62 -0.87 -0.67	25.23 -1.09 0.00	23.79 -0.35 0.00	27.23 -0.17 -0.50	24.30 -0.31 0.00	32.98 -0.60 0.00	35.45 -0.47 0.00	38.90 -0.47 0.27	38.82 0.08 0.00	34.83 0.30 -1.00	33.19 -0.22 -1.13	29.65 -0.67 0.00
GLENDALE_27_KV_LOAD 356172	31.92 1.48 -0.01	34.10 1.56 -0.01	34.14 1.53 -0.01	31.31 1.41 -0.01	31.69 1.28 0.00	30.41 1.34 0.00	38.76 2.03 -0.29	45.79 2.75 1.06	48.08 2.66 -0.95	86.02 1.69 -54.54	71.38 1.90 -37.26	66.93 1.75 -34.57	47.74 1.60 -19.33	52.10 1.53 -24.26	52.85 1.37 -27.35	56.06 1.59 -27.57	50.75 1.54 -24.60	51.81 2.06 -16.18	44.40 2.12 -6.35	41.88 2.44 0.20	41.25 2.09 -0.42	38.45 1.80 -3.13	34.32 1.59 -0.45	33.21 1.29 -1.59
GLENWOOD_IC_1_G5 23712	31.99 1.56 0.00	34.19 1.65 0.00	34.19 1.59 0.00	31.34 1.44 0.00	31.74 1.33 0.00	30.46 1.40 0.00	38.38 1.99 0.04	45.35 2.52 1.27	45.44 2.42 1.45	31.36 1.57 0.00	34.02 1.81 0.00	32.22 1.62 0.00	28.19 1.38 0.00	27.62 1.31 0.00	25.33 1.20 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.51 1.93 0.00	37.89 1.97 0.00	41.75 2.32 0.22	40.60 1.86 0.00	35.08 1.65 0.09	33.78 1.50 0.00	35.01 1.24 -3.44
GLENWOOD_IC_2_G1 23688	31.92 1.49 0.00	34.11 1.57 0.00	34.12 1.52 0.00	31.30 1.39 0.00	31.68 1.27 0.00	30.40 1.34 0.00	38.31 1.92 0.04	45.26 2.43 1.27	45.35 2.33 1.45	31.29 1.51 0.00	33.96 1.75 0.00	32.14 1.54 0.00	28.13 1.32 0.00	27.56 1.24 0.00	25.28 1.14 0.00	28.32 1.41 0.00	26.00 1.39 0.00	35.43 1.85 0.00	37.81 1.89 0.00	41.66 2.23 0.22	40.52 1.78 0.00	35.00 1.58 0.09	33.71 1.43 0.00	33.08 1.18 -1.58
GLENWOOD_IC_3_G1 23689	31.92 1.49 0.00	34.11 1.57 0.00	34.12 1.52 0.00	31.30 1.39 0.00	31.68 1.27 0.00	30.40 1.34 0.00	38.31 1.92 0.04	45.26 2.43 1.27	45.35 2.33 1.45	31.29 1.51 0.00	33.96 1.75 0.00	32.14 1.54 0.00	28.13 1.32 0.00	27.56 1.24 0.00	25.28 1.14 0.00	28.32 1.41 0.00	26.00 1.39 0.00	35.43 1.85 0.00	37.81 1.89 0.00	41.66 2.23 0.22	40.52 1.78 0.00	35.00 1.58 0.09	33.71 1.43 0.00	33.08 1.18 -1.58
GLENWOOD___4 23550	31.99 1.56 0.00	34.19 1.65 0.00	34.19 1.59 0.00	31.34 1.44 0.00	31.74 1.33 0.00	30.46 1.40 0.00	38.38 1.99 0.04	45.35 2.52 1.27	45.44 2.42 1.45	31.36 1.57 0.00	34.02 1.81 0.00	32.22 1.62 0.00	28.19 1.38 0.00	27.62 1.31 0.00	25.33 1.20 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.51 1.93 0.00	37.89 1.97 0.00	41.75 2.32 0.22	40.60 1.86 0.00	35.08 1.65 0.09	33.78 1.50 0.00	35.01 1.24 -3.44
GLENWOOD___5 23614	31.99 1.56 0.00	34.19 1.65 0.00	34.19 1.59 0.00	31.34 1.44 0.00	31.74 1.33 0.00	30.46 1.40 0.00	38.38 1.99 0.04	45.35 2.52 1.27	45.44 2.42 1.45	31.36 1.57 0.00	34.02 1.81 0.00	32.22 1.62 0.00	28.19 1.38 0.00	27.62 1.31 0.00	25.33 1.20 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.51 1.93 0.00	37.89 1.97 0.00	41.75 2.32 0.22	40.60 1.86 0.00	35.08 1.65 0.09	33.78 1.50 0.00	35.01 1.24 -3.44
GLOBAL GREEN_PORT_GT1 23814	32.48 2.06 0.00	34.95 2.41 0.00	34.97 2.37 0.00	32.02 2.12 0.00	32.47 2.06 0.00	31.33 2.27 0.00	39.72 3.33 0.04	46.52 3.69 1.27	45.85 2.83 1.45	31.58 1.79 0.00	34.12 1.91 0.00	32.20 1.60 0.00	27.90 1.09 0.00	27.12 0.80 0.00	24.77 0.63 0.00	27.85 0.94 0.00	25.68 1.07 0.00	34.95 1.37 0.00	37.11 1.19 0.00	40.95 1.53 0.22	39.31 0.57 0.00	33.92 0.49 0.09	32.58 0.30 0.00	31.10 0.01 -0.76
GLOBE___DSASP 323697	24.51 -3.03 2.89	23.51 -3.16 5.87	23.42 -3.33 5.86	21.22 -3.06 5.62	22.12 -2.88 5.41	23.53 -2.79 2.75	28.67 -3.81 3.95	35.58 -4.50 4.02	34.28 -4.57 5.62	26.95 -2.84 0.00	29.82 -2.40 0.00	28.78 -1.82 0.00	25.20 -1.61 0.00	24.58 -1.74 0.00	22.37 -1.77 0.00	24.95 -1.96 0.00	22.66 -1.96 0.00	26.69 -3.20 3.69	30.15 -3.62 2.15	30.05 -4.21 5.39	28.42 -3.58 6.74	26.34 -3.28 3.90	29.67 -2.62 0.00	28.21 -2.12 0.00
GOETHSLN___LBMP 323567	31.47 1.05 0.00	33.63 1.10 0.00	33.68 1.08 0.00	30.90 1.00 0.00	31.28 0.87 0.00	29.99 0.93 0.00	37.92 1.53 0.04	44.95 2.12 1.27	44.98 1.96 1.45	31.02 1.23 0.00	33.59 1.37 0.00	31.85 1.26 0.00	27.99 1.18 0.00	27.45 1.13 0.00	25.14 1.00 0.00	28.09 1.19 0.00	25.80 1.19 0.00	35.13 1.55 0.00	37.50 1.58 0.00	41.32 1.89 0.22	40.28 1.54 0.00	34.71 1.28 0.09	33.37 1.09 0.00	31.15 0.82 0.00
GOLAH___69_KV_TB 1_2 80279	28.34 -1.42 0.66	29.81 -1.45 1.28	29.74 -1.58 1.28	27.23 -1.44 1.23	27.91 -1.31 1.18	27.23 -1.23 0.60	33.82 -1.66 0.95	38.71 -1.85 3.54	38.13 -2.00 4.35	28.43 -1.36 0.00	31.27 -0.95 0.00	30.14 -0.46 0.00	26.42 -0.38 0.00	25.80 -0.52 0.00	23.48 -0.66 0.00	26.20 -0.71 0.00	23.86 -0.75 0.00	31.43 -1.34 0.81	33.94 -1.51 0.47	36.42 -1.58 1.64	36.03 -1.23 1.48	31.18 -1.29 1.06	31.29 -0.99 0.00	29.56 -0.76 0.00

GOODYEAR_LAKE_HYD 323669	30.93 0.51 0.00	33.09 0.56 0.00	33.19 0.59 0.00	30.46 0.55 0.00	30.95 0.54 0.00	29.59 0.53 0.00	37.25 0.87 0.06	43.49 1.18 1.79	43.51 1.10 2.06	30.38 0.59 0.00	32.92 0.71 0.00	31.30 0.70 0.00	27.49 0.68 0.00	26.94 0.63 0.00	24.82 0.68 0.00	27.62 0.71 0.00	25.26 0.64 0.00	34.56 0.98 0.00	36.97 1.05 0.00	40.55 1.22 0.31	39.96 1.21 0.00	34.34 0.96 0.13	33.16 0.88 0.00	31.03 0.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.76 -0.63 0.04	31.92 -0.62 0.00	31.96 -0.65 0.00	29.35 -0.55 0.00	29.81 -0.60 0.00	28.49 -0.57 0.00	35.75 -0.61 0.07	41.28 -0.57 2.25	41.17 -0.68 2.62	29.25 -0.53 0.00	31.85 -0.37 0.00	30.43 -0.17 0.00	26.60 -0.21 0.00	26.06 -0.25 0.00	23.94 -0.20 0.00	26.65 -0.26 0.00	24.38 -0.23 0.00	33.30 -0.28 0.00	35.43 -0.49 0.00	38.78 -0.47 0.39	38.22 -0.52 0.00	32.81 -0.54 0.17	31.82 -0.46 0.00	29.86 -0.47 0.00
GOUDEY___7 23579	29.76 -0.63 0.04	31.92 -0.62 0.00	31.96 -0.65 0.00	29.35 -0.55 0.00	29.81 -0.60 0.00	28.49 -0.57 0.00	35.75 -0.61 0.07	41.28 -0.57 2.25	41.17 -0.68 2.62	29.25 -0.53 0.00	31.85 -0.37 0.00	30.43 -0.17 0.00	26.60 -0.21 0.00	26.06 -0.25 0.00	23.94 -0.20 0.00	26.65 -0.26 0.00	24.38 -0.23 0.00	33.30 -0.28 0.00	35.43 -0.49 0.00	38.78 -0.47 0.39	38.22 -0.52 0.00	32.81 -0.54 0.17	31.82 -0.46 0.00	29.86 -0.47 0.00
GOUDEY___8 23580	29.76 -0.63 0.04	31.92 -0.62 0.00	31.96 -0.65 0.00	29.35 -0.55 0.00	29.81 -0.60 0.00	28.49 -0.57 0.00	35.75 -0.61 0.07	41.28 -0.57 2.25	41.17 -0.68 2.62	29.25 -0.53 0.00	31.85 -0.37 0.00	30.43 -0.17 0.00	26.60 -0.21 0.00	26.06 -0.25 0.00	23.94 -0.20 0.00	26.65 -0.26 0.00	24.38 -0.23 0.00	33.30 -0.28 0.00	35.43 -0.49 0.00	38.78 -0.47 0.39	38.22 -0.52 0.00	32.81 -0.54 0.17	31.82 -0.46 0.00	29.86 -0.47 0.00
GOWANUS_GT1_1 24077	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_2 24078	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_3 24079	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_4 24080	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_5 24084	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_6 24111	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_7 24112	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT1_8 24113	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.93 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.04 1.85 -56.68	64.05 1.65 -30.12	62.55 1.36 -30.85
GOWANUS_GT2_1 24114	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_2 24115	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_3 24116	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85

GOWANUS_GT2_4 24117	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_5 24118	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_6 24119	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_7 24120	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT2_8 24121	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_1 24122	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_2 24123	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_3 24124	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_4 24125	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_5 24126	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_6 24127	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_7 24128	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT3_8 24129	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.66 -67.74	88.94 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.36 1.52 -29.53	57.35 1.36 -31.86	60.28 1.57 -31.80	80.36 1.54 -54.21	92.09 2.04 -56.47	92.05 2.13 -53.99	92.22 2.49 -50.09	92.15 2.14 -51.26	92.04 1.84 -56.68	64.05 1.65 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_1 24130	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_2 24131	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85

GOWANUS_GT4_3 24132	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_4 24133	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_5 24134	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_6 24135	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_7 24136	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GOWANUS_GT4_8 24137	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GREENBSH_115KV_TB3 55895	31.04 0.61 0.00	33.13 0.60 0.00	33.23 0.64 0.00	30.56 0.66 0.00	31.00 0.59 0.00	29.69 0.63 0.00	37.12 0.73 0.04	43.64 0.78 1.24	43.99 0.92 1.41	30.43 0.64 0.00	32.80 0.58 0.00	31.07 0.47 0.00	27.17 0.37 0.00	26.66 0.35 0.00	24.41 0.27 0.00	27.28 0.38 0.00	24.95 0.34 0.00	34.15 0.56 0.00	36.54 0.62 0.00	40.06 0.63 0.21	39.18 0.43 0.00	33.95 0.52 0.09	32.74 0.46 0.00	30.72 0.39 0.00
GREENIDGE_115KV_TB5 80291	34.08 -1.34 -4.99	41.97 -1.30 -10.73	41.94 -1.38 -10.71	38.94 -1.24 -10.28	39.09 -1.21 -9.90	32.94 -1.16 -5.03	42.12 -1.25 -6.94	41.58 -1.26 1.26	43.12 -1.53 -0.18	28.65 -1.14 0.00	31.35 -0.87 0.00	30.03 -0.57 0.00	26.13 -0.68 0.00	25.62 -0.69 0.00	23.58 -0.56 0.00	26.34 -0.57 0.00	24.16 -0.46 0.00	39.64 -0.69 -6.75	38.97 -0.89 -3.93	46.98 -1.02 -8.36	50.03 -1.04 -12.33	38.92 -1.08 -6.48	31.33 -0.95 0.00	29.44 -0.88 0.00
GREENIDGE___3 23582	34.08 -1.34 -4.99	41.97 -1.30 -10.73	41.94 -1.38 -10.71	38.94 -1.24 -10.28	39.09 -1.21 -9.90	32.94 -1.16 -5.03	42.12 -1.25 -6.94	41.58 -1.26 1.26	43.12 -1.53 -0.18	28.65 -1.14 0.00	31.35 -0.87 0.00	30.03 -0.57 0.00	26.13 -0.68 0.00	25.62 -0.69 0.00	23.58 -0.56 0.00	26.34 -0.57 0.00	24.16 -0.46 0.00	39.64 -0.69 -6.75	38.97 -0.89 -3.93	46.98 -1.02 -8.36	50.03 -1.04 -12.33	38.92 -1.08 -6.48	31.33 -0.95 0.00	29.44 -0.88 0.00
GREENIDGE___4 23583	34.08 -1.33 -4.99	41.98 -1.29 -10.73	41.95 -1.36 -10.71	38.94 -1.23 -10.28	39.11 -1.20 -9.90	32.94 -1.16 -5.03	42.12 -1.25 -6.94	41.57 -1.27 1.26	43.14 -1.51 -0.18	28.65 -1.14 0.00	31.35 -0.86 0.00	30.03 -0.57 0.00	26.13 -0.68 0.00	25.62 -0.69 0.00	23.57 -0.56 0.00	26.34 -0.56 0.00	24.16 -0.46 0.00	39.65 -0.69 -6.75	38.97 -0.88 -3.93	46.99 -1.01 -8.36	50.05 -1.02 -12.33	38.92 -1.08 -6.48	31.33 -0.95 0.00	29.44 -0.88 0.00
GREENLWN_69_KV_BK 3 55738	31.84 1.42 0.00	34.06 1.52 0.00	34.05 1.45 0.00	31.21 1.31 0.00	31.58 1.17 0.00	30.32 1.25 0.00	38.12 1.74 0.04	44.94 2.11 1.27	45.05 2.03 1.45	31.06 1.27 0.00	33.81 1.59 0.00	32.00 1.40 0.00	27.97 1.16 0.00	27.37 1.05 0.00	25.10 0.96 0.00	28.17 1.26 0.00	25.83 1.22 0.00	35.14 1.56 0.00	37.42 1.50 0.00	41.28 1.85 0.22	40.09 1.35 0.00	34.68 1.26 0.09	33.46 1.18 0.00	32.18 0.95 -0.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
GRISSOM___SOLAR 323813	31.59 1.16 0.00	33.76 1.22 0.00	33.83 1.23 0.00	31.04 1.14 0.00	31.57 1.17 0.00	30.24 1.18 0.00	38.05 1.67 0.04	44.86 2.08 1.33	44.84 1.87 1.50	30.66 0.87 0.00	32.90 0.68 0.00	30.74 0.14 0.00	26.67 -0.14 0.00	26.55 0.24 0.00	24.45 0.30 0.00	27.03 0.12 0.00	24.77 0.16 0.00	34.75 1.17 0.00	37.52 1.60 0.00	41.42 2.01 0.22	40.71 1.97 0.00	35.08 1.66 0.10	33.86 1.58 0.00	31.74 1.41 0.00
GROVEVILLE___HYD 323602	31.77 1.34 0.00	33.95 1.41 0.00	34.00 1.40 0.00	31.19 1.29 0.00	31.62 1.21 0.00	30.32 1.25 0.00	38.25 1.86 0.04	45.23 2.40 1.27	45.39 2.37 1.45	31.27 1.48 0.00	33.80 1.59 0.00	32.05 1.45 0.00	28.08 1.27 0.00	27.54 1.23 0.00	25.24 1.10 0.00	28.23 1.32 0.00	25.91 1.30 0.00	35.36 1.78 0.00	37.74 1.82 0.00	41.55 2.12 0.22	40.56 1.82 0.00	34.96 1.53 0.09	33.65 1.37 0.00	31.44 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00

HAMLTNNY_34_KV_TB 80303	29.85 -0.58 0.00	31.97 -0.57 0.00	32.02 -0.58 0.00	29.39 -0.51 0.00	29.90 -0.51 0.00	28.57 -0.50 0.00	35.72 -0.64 0.07	41.33 -0.74 2.04	41.28 -0.82 2.37	29.17 -0.61 0.00	31.62 -0.59 0.00	30.16 -0.44 0.00	26.42 -0.39 0.00	25.88 -0.44 0.00	23.75 -0.39 0.00	26.52 -0.38 0.00	24.29 -0.32 0.00	33.13 -0.45 0.00	35.39 -0.53 0.00	38.71 -0.58 0.35	38.19 -0.55 0.00	32.80 -0.57 0.15	31.73 -0.55 0.00	29.86 -0.46 0.00
HAMPSHIRE___PAPER_HYD 323593	29.83 -1.07 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.93 -5.26	41.52 -0.94 -6.02	48.68 -1.23 -5.80	48.71 -1.25 -5.49	34.04 -0.97 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.86 -0.75 0.00	32.59 -0.99 0.00	35.03 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.46 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
HARDSCRABBLE_WT_PWR 323673	30.19 -0.24 0.00	32.23 -0.31 0.00	32.32 -0.27 0.00	29.73 -0.17 0.00	30.14 -0.27 0.00	28.86 -0.20 0.00	36.24 -0.14 0.05	42.38 -0.19 1.53	42.57 -0.18 1.73	29.57 -0.22 0.00	31.87 -0.34 0.00	29.96 -0.64 0.00	26.06 -0.75 0.00	25.80 -0.51 0.00	23.60 -0.54 0.00	26.24 -0.67 0.00	24.09 -0.52 0.00	33.32 -0.26 0.00	35.76 -0.17 0.00	39.32 -0.06 0.26	38.51 -0.23 0.00	33.24 -0.16 0.11	32.12 -0.16 0.00	30.07 -0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.37 0.94 0.00	33.53 1.00 0.00	33.60 1.00 0.00	30.83 0.93 0.00	31.24 0.83 0.00	29.95 0.89 0.00	37.80 1.41 0.04	44.72 1.90 1.28	44.81 1.80 1.46	30.87 1.09 0.00	33.40 1.19 0.00	31.66 1.06 0.00	27.75 0.94 0.00	27.24 0.92 0.00	24.98 0.84 0.00	27.96 1.06 0.00	25.65 1.04 0.00	34.99 1.41 0.00	37.40 1.48 0.00	41.22 1.79 0.22	40.22 1.48 0.00	34.65 1.23 0.09	33.35 1.07 0.00	31.15 0.82 0.00
HARSNRAD_115KV_TB1 81005	24.05 -2.73 3.64	22.28 -2.84 7.41	22.19 -3.01 7.40	20.03 -2.78 7.10	20.98 -2.60 6.83	23.10 -2.49 3.48	28.13 -3.34 4.96	36.01 -3.89 4.21	34.48 -3.92 6.07	27.33 -2.46 0.00	30.27 -1.94 0.00	29.21 -1.39 0.00	25.52 -1.28 0.00	24.85 -1.47 0.00	22.62 -1.51 0.00	25.24 -1.67 0.00	22.95 -1.66 0.00	26.13 -2.79 4.67	30.01 -3.20 2.72	29.36 -3.63 6.66	27.14 -3.08 8.52	25.80 -2.86 4.86	30.05 -2.23 0.00	28.52 -1.80 0.00
HARZA MOOSE___RIVER 24016	29.92 -0.66 -0.15	33.64 -0.73 -1.84	33.69 -0.76 -1.84	30.99 -0.66 -1.75	31.63 -0.55 -1.77	30.27 -0.52 -1.73	37.99 -0.37 -1.93	44.21 -0.50 -0.61	44.23 -0.40 -0.15	30.88 -0.43 -1.52	32.89 -0.53 -1.21	30.23 -0.37 0.00	26.86 -0.44 -0.49	25.81 -0.51 0.00	23.85 -0.29 0.00	27.06 -0.21 -0.36	24.27 -0.34 0.00	33.22 -0.37 0.00	35.68 -0.24 0.00	39.17 -0.21 0.27	38.70 -0.04 0.00	34.37 0.15 -0.70	33.14 0.03 -0.82	29.92 -0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.71 -0.72 0.00	31.80 -0.74 0.00	31.85 -0.75 0.00	29.23 -0.67 0.00	29.74 -0.67 0.00	28.40 -0.67 0.00	35.47 -0.87 0.08	40.51 -1.00 2.60	40.40 -1.05 3.03	29.08 -0.71 0.00	31.48 -0.73 0.00	30.03 -0.57 0.00	26.33 -0.48 0.00	25.78 -0.53 0.00	23.66 -0.48 0.00	26.40 -0.50 0.00	24.16 -0.45 0.00	32.93 -0.65 0.00	35.17 -0.75 0.00	38.35 -0.84 0.45	37.95 -0.79 0.00	32.59 -0.74 0.19	31.57 -0.71 0.00	29.73 -0.60 0.00
HELLGATE_13_KV_LD 55870	31.80 1.37 -0.01	34.00 1.45 -0.01	34.05 1.44 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.43 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.80 1.37 -0.01	34.00 1.45 -0.01	34.05 1.44 -0.01	31.22 1.32 -0.01	31.59 1.18 0.00	30.29 1.23 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.18 1.75 -37.22	66.74 1.61 -34.53	47.59 1.48 -19.31	51.95 1.41 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.43 -24.57	51.63 1.89 -16.16	44.22 1.95 -6.35	41.66 2.22 0.20	41.05 1.90 -0.42	38.29 1.64 -3.13	34.18 1.45 -0.45	33.09 1.17 -1.59
HEMPSTEAD____ 23647	31.82 1.39 0.00	34.00 1.46 0.00	34.00 1.40 0.00	31.18 1.28 0.00	31.56 1.16 0.00	30.30 1.24 0.00	38.15 1.76 0.04	45.06 2.23 1.27	45.14 2.12 1.45	31.15 1.36 0.00	33.81 1.59 0.00	31.98 1.39 0.00	27.98 1.17 0.00	27.42 1.10 0.00	25.15 1.01 0.00	28.19 1.28 0.00	25.89 1.28 0.00	35.27 1.69 0.00	37.63 1.71 0.00	41.47 2.04 0.22	40.33 1.59 0.00	34.83 1.41 0.09	33.57 1.28 0.00	35.21 1.05 -3.84
HEWLETT_69_KV_BK3 55828	32.08 1.65 0.00	34.29 1.75 0.00	34.29 1.69 0.00	31.46 1.56 0.00	31.81 1.40 0.00	30.54 1.47 0.00	38.43 2.04 0.04	45.40 2.57 1.27	45.49 2.47 1.45	31.44 1.65 0.00	34.09 1.88 0.00	32.27 1.67 0.00	28.24 1.43 0.00	27.67 1.36 0.00	25.39 1.25 0.00	28.46 1.55 0.00	26.13 1.52 0.00	35.62 2.05 0.00	38.02 2.10 0.00	41.91 2.48 0.22	40.77 2.03 0.00	35.22 1.79 0.09	33.93 1.65 0.00	45.63 1.38 -13.93
HICKLING___1 23621	30.35 -1.60 -1.52	34.47 -1.58 -3.52	34.46 -1.65 -3.51	31.79 -1.48 -3.37	32.13 -1.52 -3.25	29.26 -1.46 -1.65	37.07 -1.58 -2.22	40.44 -1.59 2.07	40.84 -1.76 1.88	28.53 -1.26 0.00	31.41 -0.80 0.00	30.20 -0.40 0.00	26.25 -0.56 0.00	25.63 -0.69 0.00	23.55 -0.59 0.00	26.20 -0.71 0.00	24.00 -0.61 0.00	34.91 -0.88 -2.21	35.94 -1.27 -1.29	40.79 -1.30 -2.45	41.28 -1.50 -4.04	34.06 -1.46 -2.00	31.03 -1.25 0.00	29.12 -1.21 0.00
HICKLING___2 23622	30.35 -1.60 -1.52	34.47 -1.58 -3.52	34.46 -1.65 -3.51	31.79 -1.48 -3.37	32.13 -1.52 -3.25	29.26 -1.46 -1.65	37.07 -1.58 -2.22	40.44 -1.59 2.07	40.84 -1.76 1.88	28.53 -1.26 0.00	31.41 -0.80 0.00	30.20 -0.40 0.00	26.25 -0.56 0.00	25.63 -0.69 0.00	23.55 -0.59 0.00	26.20 -0.71 0.00	24.00 -0.61 0.00	34.91 -0.88 -2.21	35.94 -1.27 -1.29	40.79 -1.30 -2.45	41.28 -1.50 -4.04	34.06 -1.46 -2.00	31.03 -1.25 0.00	29.12 -1.21 0.00
HIGH FALLS___HY 23754	31.68 1.26 0.00	33.87 1.33 0.00	33.93 1.33 0.00	31.12 1.22 0.00	31.55 1.14 0.00	30.25 1.19 0.00	38.22 1.84 0.04	45.27 2.44 1.27	45.35 2.33 1.45	31.19 1.39 0.00	33.67 1.46 0.00	31.81 1.21 0.00	27.87 1.07 0.00	27.38 1.07 0.00	25.09 0.95 0.00	28.11 1.21 0.00	25.78 1.18 0.00	35.32 1.73 0.00	37.79 1.86 0.00	41.65 2.23 0.22	40.68 1.94 0.00	35.03 1.60 0.09	33.68 1.40 0.00	31.46 1.14 0.00
HIGH_RIVER___SOLAR 323847	31.25 0.82 0.00	33.42 0.88 0.00	33.49 0.90 0.00	30.75 0.85 0.00	31.24 0.83 0.00	29.90 0.83 0.00	37.55 1.16 0.04	44.21 1.39 1.29	44.34 1.33 1.46	30.43 0.63 0.00	32.71 0.49 0.00	30.77 0.17 0.00	26.77 -0.04 0.00	26.42 0.11 0.00	24.44 0.30 0.00	27.14 0.23 0.00	24.74 0.12 0.00	34.26 0.68 0.00	36.96 1.04 0.00	40.72 1.29 0.22	39.96 1.22 0.00	34.49 1.06 0.09	33.28 1.00 0.00	31.20 0.88 0.00

HILLBURN___GT 23639	31.28 0.86 0.00	33.43 0.90 0.00	33.50 0.90 0.00	30.74 0.84 0.00	31.13 0.72 0.00	29.88 0.81 0.00	37.72 1.33 0.04	44.65 1.83 1.28	44.71 1.69 1.46	30.80 1.01 0.00	33.35 1.14 0.00	31.61 1.01 0.00	27.74 0.93 0.00	27.22 0.91 0.00	24.97 0.83 0.00	27.93 1.02 0.00	25.61 1.00 0.00	34.92 1.33 0.00	37.29 1.36 0.00	41.12 1.69 0.22	40.10 1.36 0.00	34.55 1.13 0.09	33.24 0.96 0.00	31.05 0.72 0.00
HILLSIDE_115KV_TB1 80332	30.18 -1.60 -1.35	34.09 -1.59 -3.14	34.08 -1.66 -3.14	31.44 -1.47 -3.01	31.76 -1.54 -2.90	29.07 -1.48 -1.47	36.73 -1.67 -1.98	40.30 -1.72 2.09	40.64 -1.88 1.95	28.45 -1.34 0.00	31.21 -1.01 0.00	29.97 -0.63 0.00	26.12 -0.69 0.00	25.56 -0.76 0.00	23.48 -0.66 0.00	26.07 -0.84 0.00	23.85 -0.76 0.00	34.52 -1.04 -1.97	35.60 -1.48 -1.15	40.29 -1.50 -2.15	40.69 -1.66 -3.61	33.74 -1.55 -1.77	30.92 -1.36 0.00	29.01 -1.32 0.00
HISHELDN_WT_PWR 323625	9.37 -3.36 17.70	-7.28 -3.38 36.44	-7.29 -3.51 36.38	-8.21 -3.21 34.90	-6.38 -3.19 33.60	8.85 -3.12 17.09	8.77 -3.70 23.96	32.33 -3.96 7.81	25.72 -4.02 14.73	27.16 -2.63 0.00	30.28 -1.93 0.00	29.12 -1.48 0.00	25.10 -1.70 0.01	24.22 -2.09 0.00	22.34 -1.80 0.00	25.02 -1.89 0.00	22.79 -1.82 0.00	7.75 -2.91 22.92	19.04 -3.53 13.35	5.33 -3.84 30.47	-6.91 -3.77 41.88	7.16 -3.44 22.92	29.41 -2.87 0.00	27.73 -2.60 0.00
HOLTSVILLE_IC_1 23690	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
HOLTSVILLE_IC_10 23699	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.08 1.48 0.00	27.97 1.16 0.00	27.32 1.01 0.00	25.07 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.32 1.74 0.00	37.71 1.78 0.00	41.71 2.28 0.22	40.35 1.61 0.00	34.84 1.42 0.09	33.54 1.26 0.00	32.11 0.97 -0.81
HOLTSVILLE_IC_2 23691	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
HOLTSVILLE_IC_3 23692	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
HOLTSVILLE_IC_4 23693	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
HOLTSVILLE_IC_5 23694	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
HOLTSVILLE_IC_6 23695	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.08 1.48 0.00	27.97 1.16 0.00	27.32 1.01 0.00	25.07 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.32 1.74 0.00	37.71 1.78 0.00	41.71 2.28 0.22	40.35 1.61 0.00	34.84 1.42 0.09	33.54 1.26 0.00	32.11 0.97 -0.81
HOLTSVILLE_IC_7 23696	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.08 1.48 0.00	27.97 1.16 0.00	27.32 1.01 0.00	25.07 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.32 1.74 0.00	37.71 1.78 0.00	41.71 2.28 0.22	40.35 1.61 0.00	34.84 1.42 0.09	33.54 1.26 0.00	32.11 0.97 -0.81
HOLTSVILLE_IC_8 23697	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.08 1.48 0.00	27.97 1.16 0.00	27.32 1.01 0.00	25.07 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.32 1.74 0.00	37.71 1.78 0.00	41.71 2.28 0.22	40.35 1.61 0.00	34.84 1.42 0.09	33.54 1.26 0.00	32.11 0.97 -0.81
HOLTSVILLE_IC_9 23698	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.64 2.81 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.08 1.48 0.00	27.97 1.16 0.00	27.32 1.01 0.00	25.07 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.32 1.74 0.00	37.71 1.78 0.00	41.71 2.28 0.22	40.35 1.61 0.00	34.84 1.42 0.09	33.54 1.26 0.00	32.11 0.97 -0.81
HOMER_HL_115KV_TB2 355744	28.74 -1.60 0.09	30.92 -1.62 0.00	30.84 -1.76 0.00	28.31 -1.59 0.00	28.79 -1.62 0.00	27.51 -1.55 0.00	34.50 -1.84 0.10	39.21 -1.91 2.99	38.97 -2.01 3.49	28.40 -1.39 0.00	31.46 -0.75 0.00	30.39 -0.21 0.00	26.79 -0.02 0.00	26.16 -0.15 0.00	23.95 -0.19 0.00	26.65 -0.26 0.00	24.17 -0.44 0.00	32.46 -1.12 0.00	34.17 -1.75 0.00	37.26 -1.86 0.52	36.94 -1.80 0.00	31.54 -1.76 0.22	31.15 -1.13 0.00	29.36 -0.97 0.00
HOWARD_WT_PWR 323690	37.77 -3.65 -10.99	52.25 -3.42 -23.12	52.01 -3.67 -23.08	48.67 -3.37 -22.14	48.40 -3.33 -21.32	36.53 -3.38 -10.85	47.57 -3.91 -15.05	40.22 -4.18 -0.30	44.13 -4.25 -3.90	27.09 -2.70 0.00	30.49 -1.72 0.00	29.28 -1.32 0.00	25.22 -1.60 -0.01	24.26 -2.05 0.00	22.31 -1.83 0.00	25.08 -1.83 0.00	23.02 -1.59 0.00	45.54 -2.59 -14.55	41.71 -2.68 -8.47	55.26 -2.91 -18.53	61.81 -3.50 -26.57	44.10 -3.62 -14.20	29.18 -3.10 0.00	27.39 -2.94 0.00

HQ_GEN_CEDARS 23644	30.93 0.27 -0.23	35.47 0.25 -2.69	35.53 0.23 -2.70	32.62 0.15 -2.57	33.27 0.26 -2.59	31.85 0.26 -2.53	39.66 0.33 -2.90	47.24 0.31 -2.83	47.46 0.29 -2.69	32.55 0.25 -2.51	34.48 0.27 -2.00	30.81 0.21 0.00	27.80 0.18 -0.81	26.55 0.24 0.00	24.36 0.22 0.00	27.63 0.12 -0.60	24.72 0.11 0.00	33.75 0.16 0.00	36.19 0.26 0.00	39.84 0.28 0.08	39.25 0.51 0.00	35.19 0.36 -1.31	34.05 0.41 -1.36	30.77 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	30.92 0.27 -0.23	35.48 0.25 -2.69	35.53 0.23 -2.70	32.62 0.15 -2.57	33.26 0.26 -2.59	31.84 0.25 -2.53	39.66 0.33 -2.90	50.39 0.30 -5.98	47.45 0.28 -2.69	32.54 0.25 -2.51	34.47 0.25 -2.00	30.81 0.21 0.00	27.80 0.18 -0.81	26.55 0.24 0.00	24.36 0.22 0.00	27.63 0.12 -0.60	24.73 0.11 0.00	33.75 0.17 0.00	36.19 0.27 0.00	39.84 0.27 0.08	39.25 0.51 0.00	35.19 0.36 -1.31	34.05 0.41 -1.36	30.77 0.44 0.00
HQ_GEN_IMPORT 323601	30.60 0.18 0.00	32.71 0.17 0.00	32.75 0.15 0.00	30.01 0.12 0.00	30.57 0.16 0.00	29.23 0.16 0.00	35.70 0.19 0.93	44.06 0.18 0.22	44.41 0.19 0.25	29.98 0.19 0.00	32.41 0.20 0.00	30.78 0.18 0.00	26.97 0.16 0.00	26.50 0.18 0.00	23.97 0.16 0.33	26.56 0.10 0.45	24.71 0.09 0.00	33.71 0.13 0.00	36.10 0.18 0.00	39.77 0.17 0.04	39.04 0.30 0.00	33.70 0.20 0.02	32.53 0.24 0.00	30.60 0.27 0.00
HQ_GEN_WHEEL 23651	30.60 0.18 0.00	32.71 0.17 0.00	32.75 0.15 0.00	30.01 0.12 0.00	30.57 0.16 0.00	29.23 0.16 0.00	35.70 0.19 0.93	44.06 0.18 0.22	44.41 0.19 0.25	29.98 0.19 0.00	32.41 0.20 0.00	30.78 0.18 0.00	26.97 0.16 0.00	26.50 0.18 0.00	23.97 0.16 0.33	26.56 0.10 0.45	24.71 0.09 0.00	33.71 0.13 0.00	36.10 0.18 0.00	39.77 0.17 0.04	39.04 0.30 0.00	33.70 0.20 0.02	32.53 0.24 0.00	30.60 0.27 0.00
HUDSON AVE_GT_3 23810	31.71 1.29 0.00	33.89 1.35 0.00	33.93 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.21 1.15 0.00	38.19 1.81 0.04	45.25 2.42 1.27	45.34 2.32 1.45	31.26 1.47 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.22 1.41 0.00	27.66 1.35 0.00	25.33 1.20 0.00	28.30 1.40 0.00	25.98 1.37 0.00	35.40 1.82 0.00	37.79 1.87 0.00	41.61 2.19 0.22	40.57 1.84 0.00	34.98 1.55 0.09	33.64 1.36 0.00	31.40 1.08 0.00
HUDSON AVE_GT_4 23540	31.71 1.29 0.00	33.89 1.35 0.00	33.93 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.21 1.15 0.00	38.19 1.81 0.04	45.25 2.42 1.27	45.34 2.32 1.45	31.26 1.47 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.22 1.41 0.00	27.66 1.35 0.00	25.33 1.20 0.00	28.30 1.40 0.00	25.98 1.37 0.00	35.40 1.82 0.00	37.79 1.87 0.00	41.61 2.19 0.22	40.57 1.84 0.00	34.98 1.55 0.09	33.64 1.36 0.00	31.40 1.08 0.00
HUDSON AVE_GT_5 23657	31.71 1.29 0.00	33.89 1.35 0.00	33.93 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.21 1.15 0.00	38.19 1.81 0.04	45.25 2.42 1.27	45.34 2.32 1.45	31.26 1.47 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.22 1.41 0.00	27.66 1.35 0.00	25.33 1.20 0.00	28.30 1.40 0.00	25.98 1.37 0.00	35.40 1.82 0.00	37.79 1.87 0.00	41.61 2.19 0.22	40.57 1.84 0.00	34.98 1.55 0.09	33.64 1.36 0.00	31.40 1.08 0.00
HUDSON_AVE_10 24168	31.61 1.18 0.00	33.78 1.25 0.00	33.84 1.24 0.00	31.02 1.12 0.00	31.40 0.99 0.00	30.07 1.01 0.00	38.02 1.63 0.04	45.04 2.22 1.27	45.12 2.10 1.45	31.13 1.34 0.00	33.76 1.55 0.00	32.01 1.41 0.00	28.12 1.31 0.00	27.54 1.23 0.00	25.22 1.08 0.00	28.17 1.26 0.00	25.85 1.24 0.00	35.23 1.65 0.00	37.62 1.70 0.00	41.42 1.99 0.22	40.39 1.65 0.00	34.80 1.38 0.09	33.47 1.19 0.00	31.25 0.92 0.00
HUDSON___115KV_TB 4 355613	31.51 1.09 0.00	33.65 1.11 0.00	33.75 1.15 0.00	31.03 1.13 0.00	31.50 1.09 0.00	30.20 1.14 0.00	37.84 1.45 0.04	44.60 1.73 1.24	44.88 1.82 1.41	30.97 1.18 0.00	33.24 1.03 0.00	31.48 0.88 0.00	27.37 0.57 0.00	26.85 0.53 0.00	24.57 0.43 0.00	27.43 0.52 0.00	25.15 0.54 0.00	34.61 1.03 0.00	37.23 1.31 0.00	40.93 1.50 0.21	40.04 1.30 0.00	34.64 1.21 0.09	33.35 1.07 0.00	31.30 0.97 0.00
HUNTER MOUNT___DRP 323613	31.66 1.24 0.00	33.80 1.26 0.00	33.90 1.30 0.00	31.18 1.28 0.00	31.66 1.25 0.00	30.37 1.30 0.00	38.05 1.66 0.04	44.85 1.99 1.25	45.15 2.09 1.41	31.15 1.36 0.00	33.38 1.17 0.00	31.59 0.99 0.00	27.48 0.67 0.00	26.94 0.62 0.00	24.63 0.50 0.00	27.50 0.60 0.00	25.22 0.61 0.00	34.76 1.18 0.00	37.43 1.50 0.00	41.16 1.73 0.21	40.28 1.54 0.00	34.83 1.40 0.09	33.53 1.25 0.00	31.46 1.13 0.00
HUNTINGTON_RES_REC 323705	31.98 1.56 0.00	34.21 1.67 0.00	34.20 1.60 0.00	31.37 1.47 0.00	31.76 1.35 0.00	30.52 1.46 0.00	38.44 2.05 0.04	45.30 2.47 1.27	45.30 2.28 1.45	31.22 1.43 0.00	33.93 1.72 0.00	32.06 1.46 0.00	27.98 1.17 0.00	27.36 1.04 0.00	25.09 0.95 0.00	28.20 1.30 0.00	25.91 1.30 0.00	35.26 1.68 0.00	37.60 1.68 0.00	41.53 2.10 0.22	40.27 1.53 0.00	34.81 1.39 0.09	33.55 1.27 0.00	32.14 1.00 -0.81
HUNTLEY___63 23557	25.30 -2.39 2.74	24.53 -2.46 5.54	24.41 -2.66 5.53	22.13 -2.46 5.31	23.02 -2.28 5.11	24.29 -2.17 2.60	29.76 -2.94 3.73	36.80 -3.37 3.94	35.85 -3.17 5.45	27.82 -1.97 0.00	30.79 -1.42 0.00	29.70 -0.90 0.00	25.98 -0.83 0.00	25.35 -0.97 0.00	23.01 -1.13 0.00	25.63 -1.28 0.00	23.27 -1.34 0.00	27.75 -2.34 3.49	31.18 -2.71 2.03	31.39 -3.13 5.12	29.77 -2.59 6.37	27.36 -2.46 3.69	30.45 -1.84 0.00	28.89 -1.44 0.00
HUNTLEY___64 23558	25.30 -2.39 2.74	24.53 -2.46 5.54	24.41 -2.66 5.53	22.13 -2.46 5.31	23.02 -2.28 5.11	24.29 -2.17 2.60	29.76 -2.94 3.73	36.80 -3.37 3.94	35.85 -3.17 5.45	27.82 -1.97 0.00	30.79 -1.42 0.00	29.70 -0.90 0.00	25.98 -0.83 0.00	25.35 -0.97 0.00	23.01 -1.13 0.00	25.63 -1.28 0.00	23.27 -1.34 0.00	27.75 -2.34 3.49	31.18 -2.71 2.03	31.39 -3.13 5.12	29.77 -2.59 6.37	27.36 -2.46 3.69	30.45 -1.84 0.00	28.89 -1.44 0.00
HUNTLEY___65 23559	25.30 -2.39 2.74	24.53 -2.46 5.54	24.41 -2.66 5.53	22.13 -2.46 5.31	23.02 -2.28 5.11	24.29 -2.17 2.60	29.76 -2.94 3.73	36.80 -3.37 3.94	35.85 -3.17 5.45	27.82 -1.97 0.00	30.79 -1.42 0.00	29.70 -0.90 0.00	25.98 -0.83 0.00	25.35 -0.97 0.00	23.01 -1.13 0.00	25.63 -1.28 0.00	23.27 -1.34 0.00	27.75 -2.34 3.49	31.18 -2.71 2.03	31.39 -3.13 5.12	29.77 -2.59 6.37	27.36 -2.46 3.69	30.45 -1.84 0.00	28.89 -1.44 0.00
HUNTLEY___66 23560	25.30 -2.39 2.74	24.53 -2.46 5.54	24.41 -2.66 5.53	22.13 -2.46 5.31	23.02 -2.28 5.11	24.29 -2.17 2.60	29.76 -2.94 3.73	36.80 -3.37 3.94	35.85 -3.17 5.45	27.82 -1.97 0.00	30.79 -1.42 0.00	29.70 -0.90 0.00	25.98 -0.83 0.00	25.35 -0.97 0.00	23.01 -1.13 0.00	25.63 -1.28 0.00	23.27 -1.34 0.00	27.75 -2.34 3.49	31.18 -2.71 2.03	31.39 -3.13 5.12	29.77 -2.59 6.37	27.36 -2.46 3.69	30.45 -1.84 0.00	28.89 -1.44 0.00

HUNTLEY___67 23561	25.35 -2.45 2.63	24.70 -2.54 5.31	24.60 -2.70 5.30	22.32 -2.50 5.08	23.20 -2.32 4.89	24.38 -2.20 2.49	29.86 -3.00 3.58	36.72 -3.48 3.91	35.55 -3.52 5.40	27.57 -2.22 0.00	30.49 -1.73 0.00	29.39 -1.21 0.00	25.72 -1.08 0.00	25.12 -1.20 0.00	22.91 -1.23 0.00	25.56 -1.35 0.00	23.22 -1.39 0.00	27.85 -2.39 3.34	31.17 -2.80 1.94	31.47 -3.25 4.92	29.93 -2.72 6.10	27.42 -2.55 3.55	30.31 -1.97 0.00	28.75 -1.58 0.00
HUNTLEY___68 23562	25.35 -2.45 2.63	24.70 -2.54 5.31	24.60 -2.70 5.30	22.32 -2.50 5.08	23.20 -2.32 4.89	24.38 -2.20 2.49	29.86 -3.00 3.58	36.72 -3.48 3.91	35.55 -3.52 5.40	27.57 -2.22 0.00	30.49 -1.73 0.00	29.39 -1.21 0.00	25.72 -1.08 0.00	25.12 -1.20 0.00	22.91 -1.23 0.00	25.56 -1.35 0.00	23.22 -1.39 0.00	27.85 -2.39 3.34	31.17 -2.80 1.94	31.47 -3.25 4.92	29.93 -2.72 6.10	27.42 -2.55 3.55	30.31 -1.97 0.00	28.75 -1.58 0.00
HYLAND___LFGE 323620	41.24 -1.26 -12.07	56.51 -1.23 -25.20	56.37 -1.38 -25.16	52.80 -1.23 -24.13	52.55 -1.10 -23.24	39.84 -1.05 -11.82	51.80 -1.03 -16.40	43.60 -0.81 -0.31	47.33 -1.36 -4.22	28.17 -1.62 0.00	31.58 -0.63 0.00	30.88 0.28 0.00	26.75 -0.06 -0.01	25.85 -0.47 0.00	23.84 -0.30 0.00	26.60 -0.31 0.00	24.33 -0.29 0.00	48.79 -0.65 -15.85	44.50 -0.65 -9.23	59.51 -0.32 -20.19	67.45 -0.25 -28.96	48.43 -0.56 -15.47	31.89 -0.39 0.00	29.97 -0.36 0.00
INDECK___CORINTH 23802	31.22 0.80 0.00	33.33 0.80 0.00	33.45 0.85 0.00	30.77 0.87 0.00	31.25 0.84 0.00	30.02 0.95 0.00	37.77 1.38 0.04	44.22 1.37 1.26	44.52 1.47 1.42	30.61 0.82 0.00	32.90 0.69 0.00	31.05 0.45 0.00	27.03 0.22 0.00	26.53 0.21 0.00	24.36 0.22 0.00	27.47 0.57 0.00	25.15 0.54 0.00	34.57 0.99 0.00	37.12 1.20 0.00	40.75 1.32 0.21	39.80 1.06 0.00	34.34 0.91 0.09	33.17 0.89 0.00	31.06 0.73 0.00
INDECK___ILION 23567	30.32 -0.11 0.00	32.40 -0.14 0.00	32.49 -0.11 0.00	29.86 -0.04 0.00	30.29 -0.12 0.00	29.00 -0.07 0.00	36.37 -0.01 0.05	42.57 -0.01 1.53	42.79 0.05 1.73	29.74 -0.05 0.00	32.09 -0.13 0.00	30.30 -0.30 0.00	26.44 -0.37 0.00	26.07 -0.24 0.00	23.88 -0.26 0.00	26.59 -0.31 0.00	24.37 -0.24 0.00	33.52 -0.06 0.00	35.92 0.00 0.00	39.46 0.07 0.26	38.69 -0.05 0.00	33.42 0.01 0.11	32.26 -0.02 0.00	30.22 -0.11 0.00
INDECK___OLEAN 23982	28.77 -1.57 0.09	30.97 -1.57 0.00	30.88 -1.72 0.00	28.35 -1.56 0.00	28.83 -1.58 0.00	27.53 -1.54 0.00	34.50 -1.83 0.10	39.22 -1.90 2.99	39.00 -1.98 3.49	28.40 -1.39 0.00	31.45 -0.76 0.00	30.41 -0.19 0.00	26.79 -0.01 0.00	26.16 -0.15 0.00	23.95 -0.18 0.00	26.65 -0.25 0.00	24.18 -0.43 0.00	32.48 -1.10 0.00	34.21 -1.72 0.00	37.31 -1.81 0.52	36.97 -1.77 0.00	31.54 -1.76 0.22	31.16 -1.12 0.00	29.36 -0.97 0.00
INDECK___OSWEGO 23783	29.46 -0.97 0.00	31.54 -1.00 0.00	31.60 -1.00 0.00	29.00 -0.90 0.00	29.51 -0.90 0.00	28.16 -0.91 0.00	35.22 -1.20 0.02	42.26 -1.35 0.49	42.55 -1.41 0.51	28.81 -0.97 0.00	31.18 -1.04 0.00	29.72 -0.88 0.00	26.05 -0.76 0.00	25.52 -0.80 0.00	23.46 -0.68 0.00	26.19 -0.71 0.00	23.97 -0.64 0.00	32.63 -0.95 0.00	34.87 -1.05 0.00	38.40 -1.17 0.08	37.65 -1.09 0.00	32.52 -0.96 0.03	31.32 -0.96 0.00	29.49 -0.84 0.00
INDECK___YERKES 23781	25.36 -2.33 2.74	24.63 -2.36 5.54	24.50 -2.56 5.53	22.21 -2.39 5.31	23.11 -2.19 5.11	24.35 -2.11 2.60	29.80 -2.89 3.73	36.86 -3.31 3.94	35.93 -3.09 5.45	27.85 -1.94 0.00	30.84 -1.38 0.00	29.74 -0.86 0.00	26.01 -0.80 0.00	25.37 -0.94 0.00	23.03 -1.11 0.00	25.66 -1.25 0.00	23.29 -1.32 0.00	27.83 -2.27 3.49	31.25 -2.64 2.03	31.50 -3.03 5.12	29.87 -2.50 6.37	27.41 -2.42 3.69	30.49 -1.80 0.00	28.92 -1.41 0.00
INDIAN POINT_GT_1 24139	31.37 0.94 0.00	33.54 1.00 0.00	33.59 0.99 0.00	30.82 0.92 0.00	31.21 0.80 0.00	29.93 0.86 0.00	37.76 1.37 0.04	44.68 1.85 1.28	44.76 1.74 1.46	30.84 1.06 0.00	33.40 1.18 0.00	31.67 1.07 0.00	27.78 0.97 0.00	27.25 0.93 0.00	24.97 0.83 0.00	27.92 1.02 0.00	25.61 1.00 0.00	34.91 1.33 0.00	37.30 1.38 0.00	41.10 1.67 0.22	40.09 1.35 0.00	34.56 1.13 0.09	33.25 0.97 0.00	31.07 0.74 0.00
INDIAN POINT_GT_2 23659	31.37 0.94 0.00	33.54 1.00 0.00	33.59 0.99 0.00	30.82 0.92 0.00	31.21 0.80 0.00	29.93 0.86 0.00	37.76 1.37 0.04	44.68 1.85 1.28	44.76 1.74 1.46	30.84 1.06 0.00	33.40 1.18 0.00	31.67 1.07 0.00	27.78 0.97 0.00	27.25 0.93 0.00	24.97 0.83 0.00	27.92 1.02 0.00	25.61 1.00 0.00	34.91 1.33 0.00	37.30 1.38 0.00	41.10 1.67 0.22	40.09 1.35 0.00	34.56 1.13 0.09	33.25 0.97 0.00	31.07 0.74 0.00
INDIAN POINT_GT_3 24019	31.37 0.94 0.00	33.54 1.00 0.00	33.59 0.99 0.00	30.82 0.92 0.00	31.21 0.80 0.00	29.93 0.86 0.00	37.76 1.37 0.04	44.68 1.85 1.28	44.76 1.74 1.46	30.84 1.06 0.00	33.40 1.18 0.00	31.67 1.07 0.00	27.78 0.97 0.00	27.25 0.93 0.00	24.97 0.83 0.00	27.92 1.02 0.00	25.61 1.00 0.00	34.91 1.33 0.00	37.30 1.38 0.00	41.10 1.67 0.22	40.09 1.35 0.00	34.56 1.13 0.09	33.25 0.97 0.00	31.07 0.74 0.00
INDIAN POINT___2 23530	31.22 0.79 0.00	33.37 0.83 0.00	33.44 0.84 0.00	30.68 0.78 0.00	31.07 0.66 0.00	29.80 0.73 0.00	37.60 1.21 0.04	44.50 1.67 1.28	44.55 1.54 1.46	30.69 0.90 0.00	33.23 1.01 0.00	31.49 0.89 0.00	27.64 0.83 0.00	27.12 0.81 0.00	24.87 0.73 0.00	27.81 0.91 0.00	25.51 0.90 0.00	34.78 1.20 0.00	37.16 1.24 0.00	40.96 1.54 0.22	39.95 1.21 0.00	34.44 1.01 0.09	33.14 0.86 0.00	30.96 0.64 0.00
INDIAN POINT___3 23531	31.39 0.97 0.00	33.56 1.02 0.00	33.61 1.01 0.00	30.84 0.94 0.00	31.23 0.82 0.00	29.94 0.87 0.00	37.77 1.38 0.04	44.68 1.85 1.28	44.77 1.76 1.46	30.87 1.08 0.00	33.42 1.20 0.00	31.68 1.08 0.00	27.80 0.99 0.00	27.27 0.95 0.00	24.99 0.85 0.00	27.95 1.04 0.00	25.63 1.02 0.00	34.94 1.36 0.00	37.33 1.41 0.00	41.13 1.71 0.22	40.11 1.37 0.00	34.58 1.16 0.09	33.29 1.01 0.00	31.10 0.77 0.00
INGHAM_C_115KV_TB7 356103	30.22 -0.20 0.00	32.27 -0.27 0.00	32.36 -0.24 0.00	29.77 -0.13 0.00	30.17 -0.24 0.00	28.92 -0.14 0.00	36.36 -0.02 0.05	42.51 -0.07 1.53	42.65 -0.09 1.73	29.57 -0.22 0.00	31.79 -0.42 0.00	29.76 -0.83 0.00	25.84 -0.97 0.00	25.65 -0.67 0.00	23.42 -0.72 0.00	26.01 -0.89 0.00	23.92 -0.69 0.00	33.28 -0.30 0.00	35.78 -0.14 0.00	39.39 0.01 0.26	38.49 -0.25 0.00	33.23 -0.17 0.11	32.05 -0.23 0.00	29.97 -0.36 0.00
IP CORINTH___1 23988	31.38 0.96 0.00	33.50 0.97 0.00	33.62 1.02 0.00	30.92 1.02 0.00	31.40 0.99 0.00	30.17 1.10 0.00	37.96 1.57 0.04	44.47 1.62 1.26	44.77 1.72 1.42	30.76 0.97 0.00	33.07 0.86 0.00	31.21 0.62 0.00	27.17 0.37 0.00	26.67 0.35 0.00	24.48 0.34 0.00	27.62 0.71 0.00	25.28 0.67 0.00	34.74 1.16 0.00	37.32 1.40 0.00	40.97 1.54 0.21	40.02 1.27 0.00	34.51 1.09 0.09	33.34 1.06 0.00	31.21 0.88 0.00

IP___TICONDEROGA 23804	32.36 1.93 0.00	34.51 1.98 0.00	34.68 2.08 0.00	31.89 1.99 0.00	32.38 1.97 0.00	31.18 2.11 0.00	39.27 2.88 0.04	45.83 2.98 1.26	46.12 3.07 1.42	31.59 1.80 0.00	33.80 1.58 0.00	31.81 1.21 0.00	27.69 0.88 0.00	27.15 0.84 0.00	24.93 0.79 0.00	28.35 1.44 0.00	26.15 1.54 0.00	35.93 2.35 0.00	38.90 2.98 0.00	42.76 3.33 0.21	41.61 2.87 0.00	35.80 2.37 0.09	34.76 2.48 0.00	32.45 2.12 0.00
ISLIP_RES_REC 323679	32.18 1.75 0.00	34.45 1.91 0.00	34.44 1.84 0.00	31.58 1.68 0.00	32.01 1.60 0.00	30.81 1.74 0.00	38.89 2.50 0.04	45.92 3.08 1.27	45.74 2.72 1.45	31.52 1.73 0.00	34.18 1.96 0.00	32.27 1.67 0.00	28.12 1.31 0.00	27.47 1.16 0.00	25.21 1.08 0.00	28.36 1.45 0.00	26.12 1.51 0.00	35.54 1.96 0.00	37.94 2.01 0.00	41.96 2.54 0.22	40.58 1.84 0.00	35.05 1.63 0.09	33.72 1.44 0.00	32.30 1.12 -0.85
JAMAICA__27_KV_LOAD 355505	31.79 1.37 0.00	33.98 1.44 0.00	34.05 1.45 0.00	31.17 1.27 0.00	31.56 1.14 0.00	30.13 1.07 0.00	38.08 1.69 0.04	45.15 2.32 1.27	45.20 2.18 1.45	31.23 1.44 0.00	33.91 1.70 0.00	32.16 1.56 0.00	28.26 1.45 0.00	27.64 1.32 0.00	25.28 1.14 0.00	28.22 1.31 0.00	25.89 1.28 0.00	35.31 1.74 0.00	37.70 1.78 0.00	41.52 2.10 0.22	40.48 1.74 0.00	34.85 1.42 0.09	33.54 1.26 0.00	31.30 0.97 0.00
JANIS___SOLAR 323808	31.34 -0.10 -1.01	34.22 -0.06 -1.74	34.24 -0.09 -1.73	31.53 -0.04 -1.66	31.99 -0.03 -1.60	29.94 0.06 -0.81	37.82 0.32 -1.07	42.69 0.58 1.99	42.50 0.06 2.04	29.44 -0.35 0.00	31.88 -0.34 0.00	30.37 -0.23 0.00	26.19 -0.62 0.00	25.45 -0.87 0.00	23.61 -0.52 0.00	26.59 -0.32 0.00	24.30 -0.31 0.00	34.97 0.30 -1.09	37.17 0.62 -0.63	41.52 0.84 -1.05	41.46 0.73 -2.00	34.91 0.48 -0.92	32.87 0.59 0.00	30.47 0.15 0.00
JARVIS____ 23743	30.35 -0.07 0.00	32.45 -0.09 0.00	32.54 -0.06 0.00	29.90 -0.01 0.00	30.34 -0.07 0.00	29.01 -0.05 0.00	36.37 -0.01 0.05	42.57 -0.01 1.53	42.83 0.08 1.73	29.81 0.03 0.00	32.21 0.00 0.00	30.57 -0.03 0.00	26.77 -0.04 0.00	26.29 -0.03 0.00	24.12 -0.02 0.00	26.91 0.00 0.00	24.60 -0.01 0.00	33.60 0.02 0.00	35.96 0.04 0.00	39.44 0.05 0.26	38.74 0.00 0.00	33.47 0.07 0.11	32.30 0.02 0.00	30.30 -0.03 0.00
JENNISON___1 23625	29.68 -0.78 -0.04	31.75 -0.79 0.00	31.80 -0.80 0.00	29.25 -0.65 0.00	29.71 -0.69 0.00	28.48 -0.59 0.00	35.88 -0.48 0.07	41.62 -0.36 2.12	41.38 -0.64 2.45	29.14 -0.64 0.00	31.72 -0.49 0.00	30.33 -0.27 0.00	26.30 -0.51 0.00	25.43 -0.89 0.00	23.60 -0.54 0.00	26.50 -0.41 0.00	24.17 -0.44 0.00	33.47 -0.11 0.00	35.81 -0.11 0.00	39.37 0.09 0.36	39.20 0.46 0.00	33.36 0.16 0.16	32.44 0.16 0.00	29.93 -0.40 0.00
JENNISON___2 23626	29.68 -0.78 -0.04	31.75 -0.79 0.00	31.80 -0.80 0.00	29.25 -0.65 0.00	29.71 -0.69 0.00	28.48 -0.59 0.00	35.88 -0.48 0.07	41.62 -0.36 2.12	41.38 -0.64 2.45	29.14 -0.64 0.00	31.72 -0.49 0.00	30.33 -0.27 0.00	26.30 -0.51 0.00	25.43 -0.89 0.00	23.60 -0.54 0.00	26.50 -0.41 0.00	24.17 -0.44 0.00	33.47 -0.11 0.00	35.81 -0.11 0.00	39.37 0.09 0.36	39.20 0.46 0.00	33.36 0.16 0.16	32.44 0.16 0.00	29.93 -0.40 0.00
JERICHO_RISE_WT_PWR 323719	25.25 -0.57 4.61	-23.20 -0.77 54.97	-23.45 -0.81 55.25	-23.47 -0.80 52.57	-23.32 -0.71 53.02	-23.31 -0.67 51.70	-23.98 -0.83 59.58	-25.00 -1.05 68.06	-24.23 -1.04 67.66	-23.40 -0.58 52.61	-10.36 -0.65 41.92	30.03 -0.57 0.00	9.24 -0.51 17.05	26.10 -0.22 0.00	23.80 -0.34 0.00	13.71 -0.60 12.59	24.21 -0.40 0.00	33.48 -0.10 0.00	36.18 0.25 0.00	39.37 -0.20 0.07	38.74 -0.01 0.00	4.69 -0.58 28.25	3.34 -0.51 28.44	29.99 -0.34 0.00
KATONAH___115KV_46KV_TB4 355592	31.69 1.26 0.00	33.87 1.34 0.00	33.92 1.32 0.00	31.12 1.22 0.00	31.53 1.12 0.00	30.25 1.18 0.00	38.17 1.78 0.04	45.18 2.35 1.27	45.30 2.28 1.45	31.24 1.45 0.00	33.81 1.60 0.00	32.04 1.44 0.00	28.13 1.32 0.00	27.58 1.27 0.00	25.26 1.12 0.00	28.23 1.33 0.00	25.89 1.28 0.00	35.31 1.73 0.00	37.74 1.82 0.00	41.58 2.16 0.22	40.54 1.80 0.00	34.95 1.53 0.09	33.63 1.35 0.00	31.41 1.08 0.00
KCE_NY_1 323755	31.69 1.26 0.00	33.88 1.34 0.00	34.06 1.46 0.00	31.21 1.31 0.00	31.68 1.27 0.00	30.41 1.34 0.00	38.22 1.83 0.04	44.87 2.01 1.25	45.15 2.09 1.42	31.07 1.28 0.00	33.44 1.23 0.00	31.58 0.98 0.00	27.53 0.72 0.00	27.03 0.72 0.00	24.78 0.64 0.00	27.89 0.98 0.00	25.48 0.87 0.00	34.98 1.40 0.00	37.55 1.63 0.00	41.23 1.80 0.21	40.30 1.56 0.00	34.74 1.31 0.09	33.60 1.32 0.00	31.46 1.13 0.00
KCE_NY_6_ESR 323823	26.09 -2.08 2.26	25.87 -2.13 4.54	25.77 -2.30 4.54	23.37 -2.18 4.35	24.27 -1.95 4.19	25.07 -1.86 2.13	30.86 -2.50 3.08	37.51 -2.83 3.76	36.53 -2.84 5.10	28.01 -1.78 0.00	31.01 -1.20 0.00	29.85 -0.75 0.00	26.12 -0.69 0.00	25.52 -0.79 0.00	23.29 -0.85 0.00	25.97 -0.94 0.00	23.61 -1.00 0.00	28.87 -1.85 2.86	31.99 -2.27 1.67	32.73 -2.62 4.29	31.33 -2.19 5.22	28.35 -2.10 3.07	30.76 -1.53 0.00	29.11 -1.22 0.00
KEDC_PORT_JEFF_GT2 24210	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.49 1.59 0.00	31.92 1.50 0.00	30.71 1.64 0.00	38.73 2.34 0.04	45.62 2.79 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.98 1.76 0.00	32.09 1.49 0.00	27.98 1.17 0.00	27.33 1.02 0.00	25.07 0.93 0.00	28.20 1.30 0.00	25.96 1.34 0.00	35.33 1.75 0.00	37.71 1.79 0.00	41.71 2.28 0.22	40.36 1.62 0.00	34.85 1.42 0.09	33.55 1.27 0.00	32.09 0.97 -0.79
KEDC_PORT_JEFF_GT3 24211	32.08 1.66 0.00	34.36 1.82 0.00	34.35 1.75 0.00	31.49 1.59 0.00	31.92 1.50 0.00	30.71 1.64 0.00	38.73 2.34 0.04	45.62 2.79 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.98 1.76 0.00	32.09 1.49 0.00	27.98 1.17 0.00	27.33 1.02 0.00	25.07 0.93 0.00	28.20 1.30 0.00	25.96 1.34 0.00	35.33 1.75 0.00	37.71 1.79 0.00	41.71 2.28 0.22	40.36 1.62 0.00	34.85 1.42 0.09	33.55 1.27 0.00	32.09 0.97 -0.79
KEDC_GLWD_GT4 24219	31.98 1.55 0.00	34.17 1.63 0.00	34.18 1.58 0.00	31.34 1.44 0.00	31.74 1.33 0.00	30.46 1.40 0.00	38.38 1.99 0.04	45.35 2.52 1.27	45.43 2.41 1.45	31.36 1.57 0.00	34.03 1.82 0.00	32.21 1.62 0.00	28.19 1.38 0.00	27.62 1.31 0.00	25.33 1.20 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.50 1.92 0.00	37.88 1.96 0.00	41.74 2.31 0.22	40.60 1.86 0.00	35.07 1.65 0.09	33.78 1.50 0.00	35.00 1.24 -3.44
KEDC_GLWD_GT5 24220	31.98 1.55 0.00	34.17 1.63 0.00	34.18 1.58 0.00	31.34 1.44 0.00	31.74 1.33 0.00	30.46 1.40 0.00	38.38 1.99 0.04	45.35 2.52 1.27	45.43 2.41 1.45	31.36 1.57 0.00	34.03 1.82 0.00	32.21 1.62 0.00	28.19 1.38 0.00	27.62 1.31 0.00	25.33 1.20 0.00	28.38 1.47 0.00	26.06 1.45 0.00	35.50 1.92 0.00	37.88 1.96 0.00	41.74 2.31 0.22	40.60 1.86 0.00	35.07 1.65 0.09	33.78 1.50 0.00	35.00 1.24 -3.44

KENSICO____ 23655	31.56 1.14 0.00	33.74 1.20 0.00	33.78 1.18 0.00	30.99 1.09 0.00	31.39 0.97 0.00	30.09 1.02 0.00	37.97 1.58 0.04	44.93 2.10 1.27	45.04 2.02 1.45	31.05 1.27 0.00	33.63 1.42 0.00	31.89 1.30 0.00	27.98 1.17 0.00	27.44 1.12 0.00	25.14 1.00 0.00	28.10 1.19 0.00	25.78 1.17 0.00	35.14 1.55 0.00	37.53 1.61 0.00	41.32 1.89 0.22	40.31 1.57 0.00	34.76 1.34 0.09	33.45 1.17 0.00	31.25 0.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.73 1.30 0.00	33.91 1.38 0.00	33.97 1.37 0.00	31.17 1.27 0.00	31.61 1.20 0.00	30.31 1.25 0.00	38.28 1.89 0.04	45.30 2.48 1.28	45.40 2.39 1.46	31.21 1.42 0.00	33.68 1.47 0.00	31.83 1.24 0.00	27.87 1.07 0.00	27.39 1.08 0.00	25.09 0.95 0.00	28.12 1.22 0.00	25.79 1.18 0.00	35.33 1.75 0.00	37.82 1.89 0.00	41.68 2.26 0.22	40.71 1.96 0.00	35.06 1.63 0.09	33.72 1.44 0.00	31.50 1.18 0.00
KIAC_JFK_GT1 23816	31.62 1.19 0.00	33.80 1.27 0.00	33.88 1.28 0.00	31.01 1.11 0.00	31.39 0.98 0.00	29.97 0.91 0.00	37.84 1.45 0.04	44.85 2.02 1.27	44.90 1.88 1.45	31.03 1.24 0.00	33.69 1.48 0.00	31.97 1.37 0.00	28.09 1.28 0.00	27.48 1.17 0.00	25.13 0.99 0.00	28.04 1.14 0.00	25.72 1.11 0.00	35.09 1.51 0.00	37.46 1.54 0.00	41.24 1.82 0.22	40.21 1.47 0.00	34.63 1.20 0.09	33.34 1.06 0.00	31.11 0.78 0.00
KIAC_JFK_GT2 23817	31.62 1.19 0.00	33.80 1.27 0.00	33.88 1.28 0.00	31.01 1.11 0.00	31.39 0.98 0.00	29.97 0.91 0.00	37.84 1.45 0.04	44.85 2.02 1.27	44.90 1.88 1.45	31.03 1.24 0.00	33.69 1.48 0.00	31.97 1.37 0.00	28.09 1.28 0.00	27.48 1.17 0.00	25.13 0.99 0.00	28.04 1.14 0.00	25.72 1.11 0.00	35.09 1.51 0.00	37.46 1.54 0.00	41.24 1.82 0.22	40.21 1.47 0.00	34.63 1.20 0.09	33.34 1.06 0.00	31.11 0.78 0.00
KIAC_JFK____ 323774	31.61 1.19 0.00	33.79 1.25 0.00	33.87 1.27 0.00	31.00 1.10 0.00	31.38 0.97 0.00	29.98 0.91 0.00	37.84 1.45 0.04	44.85 2.02 1.27	44.90 1.88 1.45	31.03 1.24 0.00	33.71 1.49 0.00	31.96 1.36 0.00	28.09 1.28 0.00	27.48 1.17 0.00	25.13 1.00 0.00	28.05 1.14 0.00	25.72 1.11 0.00	35.09 1.51 0.00	37.46 1.54 0.00	41.24 1.81 0.22	40.21 1.47 0.00	34.63 1.20 0.09	33.34 1.05 0.00	31.11 0.78 0.00
KINTIGH____ 23543	26.11 -2.26 2.06	26.07 -2.32 4.15	26.00 -2.45 4.15	23.67 -2.25 3.98	24.46 -2.12 3.83	25.08 -2.05 1.95	30.81 -2.80 2.83	36.94 -3.27 3.90	35.90 -3.37 5.21	27.62 -2.17 0.00	30.46 -1.75 0.00	29.35 -1.25 0.00	25.72 -1.09 0.00	25.11 -1.21 0.00	22.91 -1.24 0.00	25.56 -1.35 0.00	23.24 -1.37 0.00	28.69 -2.28 2.61	31.78 -2.62 1.52	32.64 -3.00 4.00	31.44 -2.52 4.77	28.29 -2.39 2.84	30.36 -1.92 0.00	28.77 -1.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.53 -0.50 4.40	-20.71 -0.78 52.46	-20.86 -0.74 52.73	-20.96 -0.69 50.17	-20.89 -0.70 50.60	-20.92 -0.65 49.34	-21.03 -0.60 56.86	-21.56 -0.72 64.95	-20.88 -0.80 64.55	-20.99 -0.58 50.19	-8.29 -0.51 40.00	30.01 -0.58 0.00	10.04 -0.50 16.27	26.22 -0.09 0.00	23.88 -0.26 0.00	14.19 -0.71 12.01	24.24 -0.37 0.00	33.76 0.18 0.00	36.60 0.68 0.00	39.65 0.07 0.07	38.92 0.18 0.00	6.00 -0.56 26.96	4.48 -0.66 27.13	29.89 -0.43 0.00
LACHUTE__HYDRO 323717	32.36 1.93 0.00	34.51 1.98 0.00	34.68 2.08 0.00	31.89 1.99 0.00	32.38 1.97 0.00	31.18 2.11 0.00	39.27 2.89 0.04	45.83 2.98 1.26	46.12 3.07 1.42	31.58 1.80 0.00	33.80 1.59 0.00	31.81 1.21 0.00	27.69 0.88 0.00	27.15 0.84 0.00	24.93 0.79 0.00	28.35 1.44 0.00	26.14 1.53 0.00	35.93 2.35 0.00	38.90 2.98 0.00	42.75 3.32 0.21	41.61 2.87 0.00	35.80 2.37 0.09	34.76 2.48 0.00	32.45 2.12 0.00
LAWRNCV_115KV_TB1 80681	30.82 -0.18 -0.57	39.05 -0.24 -6.75	39.13 -0.26 -6.79	36.06 -0.30 -6.46	36.76 -0.17 -6.52	35.27 -0.15 -6.35	43.61 -0.12 -7.30	51.53 -0.25 -7.68	51.63 -0.32 -7.47	35.98 -0.21 -6.40	37.05 -0.26 -5.10	30.30 -0.30 0.00	28.61 -0.27 -2.07	26.11 -0.21 0.00	24.00 -0.14 0.00	28.18 -0.26 -1.53	24.36 -0.25 0.00	33.31 -0.27 0.00	35.77 -0.15 0.00	39.36 -0.18 0.10	38.86 0.12 0.00	36.90 0.00 -3.39	35.78 0.04 -3.46	30.34 0.02 0.00
LEDERLE____ 23769	31.41 0.98 0.00	33.57 1.03 0.00	33.63 1.03 0.00	30.85 0.95 0.00	31.25 0.84 0.00	30.05 0.98 0.00	37.94 1.55 0.04	44.94 2.11 1.28	45.01 1.99 1.46	31.01 1.22 0.00	33.56 1.34 0.00	31.82 1.23 0.00	27.92 1.11 0.00	27.42 1.11 0.00	25.14 1.01 0.00	28.11 1.20 0.00	25.71 1.10 0.00	35.05 1.46 0.00	37.43 1.51 0.00	41.27 1.85 0.22	40.25 1.51 0.00	34.69 1.26 0.09	33.37 1.08 0.00	31.16 0.84 0.00
LIGHTHSE_115KV_TB6 355974	29.37 -1.16 -0.10	32.52 -1.26 -1.24	32.56 -1.29 -1.25	29.94 -1.15 -1.19	30.50 -1.10 -1.20	29.18 -1.05 -1.17	36.51 -1.21 -1.29	42.35 -1.43 0.33	42.14 -1.52 0.81	29.60 -1.16 -0.97	31.77 -1.22 -0.77	29.54 -1.06 0.00	26.19 -0.93 -0.31	25.26 -1.06 0.00	23.44 -0.69 0.00	26.48 -0.66 -0.23	23.93 -0.68 0.00	32.56 -1.02 0.00	34.86 -1.05 0.00	38.19 -1.15 0.30	37.87 -0.87 0.00	33.24 -0.67 -0.39	31.94 -0.86 -0.53	29.37 -0.96 0.00
LINDEN COGEN____ 23786	31.45 1.02 0.00	33.61 1.07 0.00	33.66 1.06 0.00	30.88 0.98 0.00	31.26 0.85 0.00	29.98 0.91 0.00	37.91 1.52 0.04	44.92 2.09 1.27	44.96 1.94 1.45	31.00 1.21 0.00	33.58 1.37 0.00	31.83 1.23 0.00	27.98 1.17 0.00	27.43 1.11 0.00	25.13 0.99 0.00	28.08 1.17 0.00	25.78 1.17 0.00	35.11 1.52 0.00	37.48 1.56 0.00	41.28 1.86 0.22	40.25 1.51 0.00	34.69 1.26 0.09	33.35 1.07 0.00	31.13 0.81 0.00
LINDHRST_69_KV_BK1 356055	32.16 1.73 0.00	34.39 1.86 0.00	34.39 1.79 0.00	31.49 1.59 0.00	31.89 1.48 0.00	30.64 1.58 0.00	38.60 2.21 0.04	45.57 2.74 1.27	45.59 2.57 1.45	31.45 1.66 0.00	34.11 1.90 0.00	32.23 1.64 0.00	28.14 1.33 0.00	27.55 1.23 0.00	25.28 1.14 0.00	28.40 1.50 0.00	26.10 1.49 0.00	35.59 2.01 0.00	37.99 2.07 0.00	41.92 2.49 0.22	40.69 1.95 0.00	35.13 1.71 0.09	33.86 1.58 0.00	33.48 1.28 -1.88
LIPA_MISC_IPP 23656	32.01 1.58 0.00	34.34 1.81 0.00	34.33 1.73 0.00	31.47 1.57 0.00	31.88 1.48 0.00	30.69 1.63 0.00	38.76 2.37 0.04	45.53 2.70 1.27	45.11 2.09 1.45	31.05 1.26 0.00	33.63 1.42 0.00	31.75 1.16 0.00	27.63 0.82 0.00	26.97 0.66 0.00	24.76 0.62 0.00	27.87 0.97 0.00	25.68 1.07 0.00	34.93 1.35 0.00	37.28 1.36 0.00	41.29 1.86 0.22	39.86 1.12 0.00	34.44 1.01 0.09	33.15 0.87 0.00	31.68 0.59 -0.76
LISF__SOLAR 323691	32.03 1.60 0.00	34.36 1.82 0.00	34.35 1.76 0.00	31.51 1.61 0.00	31.92 1.51 0.00	30.74 1.68 0.00	38.83 2.44 0.04	45.61 2.79 1.27	45.20 2.18 1.45	31.10 1.31 0.00	33.69 1.48 0.00	31.81 1.21 0.00	27.67 0.86 0.00	27.01 0.70 0.00	24.79 0.65 0.00	27.92 1.01 0.00	25.73 1.12 0.00	34.99 1.41 0.00	37.34 1.42 0.00	41.37 1.94 0.22	39.93 1.19 0.00	34.50 1.08 0.09	33.20 0.92 0.00	31.73 0.63 -0.77

LITTLE FALLS___HYD 24013	30.22 -0.20 0.00	32.27 -0.27 0.00	32.36 -0.24 0.00	29.77 -0.13 0.00	30.17 -0.24 0.00	28.92 -0.14 0.00	36.36 -0.02 0.05	42.51 -0.07 1.53	42.65 -0.09 1.73	29.57 -0.22 0.00	31.79 -0.42 0.00	29.76 -0.83 0.00	25.84 -0.97 0.00	25.65 -0.67 0.00	23.42 -0.72 0.00	26.01 -0.89 0.00	23.92 -0.69 0.00	33.28 -0.30 0.00	35.78 -0.14 0.00	39.39 0.01 0.26	38.49 -0.25 0.00	33.23 -0.17 0.11	32.05 -0.23 0.00	29.97 -0.36 0.00
LITTLRIV_115KV_TB1 356100	31.40 0.35 -0.62	40.27 0.32 -7.42	40.35 0.30 -7.46	37.21 0.21 -7.10	37.93 0.36 -7.16	36.42 0.38 -6.98	45.03 0.58 -8.02	53.15 0.57 -8.47	53.10 0.37 -8.26	36.97 0.15 -7.04	37.89 0.08 -5.61	30.51 -0.09 0.00	29.04 -0.05 -2.28	26.34 0.03 0.00	24.29 0.15 0.00	28.68 0.09 -1.68	24.71 0.10 0.00	33.90 0.32 0.00	36.39 0.47 0.00	40.09 0.55 0.11	39.59 0.85 0.00	37.86 0.61 -3.73	36.67 0.59 -3.80	30.88 0.55 0.00
LI_NEWBRDGE___DRP 323616	31.75 1.32 0.00	33.95 1.41 0.00	33.96 1.36 0.00	31.13 1.23 0.00	31.51 1.10 0.00	30.25 1.19 0.00	38.09 1.71 0.04	44.96 2.13 1.27	45.03 2.01 1.45	31.07 1.28 0.00	33.71 1.50 0.00	31.91 1.32 0.00	27.92 1.11 0.00	27.35 1.03 0.00	25.08 0.94 0.00	28.11 1.21 0.00	25.81 1.20 0.00	35.16 1.58 0.00	37.52 1.60 0.00	41.35 1.93 0.22	40.21 1.46 0.00	34.73 1.30 0.09	33.47 1.19 0.00	31.27 0.94 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.67 -2.70 3.06	23.53 -2.81 6.20	23.42 -2.99 6.19	21.21 -2.75 5.94	22.12 -2.57 5.72	23.70 -2.46 2.91	28.96 -3.31 4.16	36.18 -3.86 4.06	34.90 -3.87 5.71	27.37 -2.41 0.00	30.31 -1.91 0.00	29.25 -1.35 0.00	25.57 -1.23 0.00	24.91 -1.41 0.00	22.66 -1.48 0.00	25.26 -1.64 0.00	22.97 -1.64 0.00	26.91 -2.76 3.90	30.49 -3.16 2.27	30.40 -3.58 5.66	28.59 -3.02 7.13	26.61 -2.80 4.11	30.12 -2.17 0.00	28.58 -1.74 0.00
LOCKPORT___CC1 323769	24.07 -2.71 3.64	22.34 -2.78 7.41	22.25 -2.95 7.40	20.08 -2.72 7.10	21.04 -2.54 6.83	23.13 -2.46 3.48	28.15 -3.32 4.96	36.03 -3.87 4.21	34.52 -3.88 6.07	27.34 -2.45 0.00	30.30 -1.92 0.00	29.23 -1.37 0.00	25.52 -1.28 0.00	24.85 -1.46 0.00	22.63 -1.51 0.00	25.24 -1.66 0.00	22.95 -1.66 0.00	26.17 -2.75 4.67	30.05 -3.16 2.72	29.43 -3.56 6.66	27.19 -3.04 8.52	25.81 -2.85 4.86	30.06 -2.22 0.00	28.53 -1.80 0.00
LOCKPORT___CC2 323770	24.07 -2.71 3.64	22.34 -2.78 7.41	22.25 -2.95 7.40	20.08 -2.72 7.10	21.04 -2.54 6.83	23.13 -2.46 3.48	28.15 -3.32 4.96	36.03 -3.87 4.21	34.52 -3.88 6.07	27.34 -2.45 0.00	30.30 -1.92 0.00	29.23 -1.37 0.00	25.52 -1.28 0.00	24.85 -1.46 0.00	22.63 -1.51 0.00	25.24 -1.66 0.00	22.95 -1.66 0.00	26.17 -2.75 4.67	30.05 -3.16 2.72	29.43 -3.56 6.66	27.19 -3.04 8.52	25.81 -2.85 4.86	30.06 -2.22 0.00	28.53 -1.80 0.00
LOCKPORT___CC3 323771	24.07 -2.71 3.64	22.34 -2.78 7.41	22.25 -2.95 7.40	20.08 -2.72 7.10	21.04 -2.54 6.83	23.13 -2.46 3.48	28.15 -3.32 4.96	36.03 -3.87 4.21	34.52 -3.88 6.07	27.34 -2.45 0.00	30.30 -1.92 0.00	29.23 -1.37 0.00	25.52 -1.28 0.00	24.85 -1.46 0.00	22.63 -1.51 0.00	25.24 -1.66 0.00	22.95 -1.66 0.00	26.17 -2.75 4.67	30.05 -3.16 2.72	29.43 -3.56 6.66	27.19 -3.04 8.52	25.81 -2.85 4.86	30.06 -2.22 0.00	28.53 -1.80 0.00
LONG_LAKE_PHOENIX 24014	29.51 -0.92 0.00	31.60 -0.94 0.00	31.64 -0.95 0.00	29.06 -0.85 0.00	29.56 -0.85 0.00	28.22 -0.85 0.00	35.27 -1.12 0.04	41.66 -1.26 1.18	41.81 -1.32 1.34	28.88 -0.91 0.00	31.21 -1.00 0.00	29.76 -0.84 0.00	26.09 -0.72 0.00	25.57 -0.74 0.00	23.48 -0.66 0.00	26.22 -0.69 0.00	24.02 -0.59 0.00	32.73 -0.85 0.00	34.96 -0.96 0.00	38.36 -1.09 0.20	37.71 -1.03 0.00	32.50 -0.93 0.09	31.37 -0.91 0.00	29.55 -0.77 0.00
LOVETT___3 23632	31.31 0.88 0.00	33.48 0.94 0.00	33.54 0.94 0.00	30.76 0.86 0.00	31.15 0.74 0.00	29.87 0.81 0.00	37.69 1.30 0.04	44.59 1.77 1.28	44.67 1.66 1.46	30.78 1.00 0.00	33.33 1.12 0.00	31.61 1.01 0.00	27.73 0.92 0.00	27.20 0.89 0.00	24.94 0.80 0.00	27.89 0.99 0.00	25.58 0.97 0.00	34.88 1.30 0.00	37.26 1.34 0.00	41.06 1.63 0.22	40.04 1.30 0.00	34.52 1.09 0.09	33.22 0.94 0.00	31.04 0.71 0.00
LOVETT___4 23642	31.31 0.88 0.00	33.48 0.94 0.00	33.54 0.94 0.00	30.76 0.86 0.00	31.15 0.74 0.00	29.87 0.81 0.00	37.69 1.30 0.04	44.59 1.77 1.28	44.67 1.66 1.46	30.78 1.00 0.00	33.33 1.12 0.00	31.61 1.01 0.00	27.73 0.92 0.00	27.20 0.89 0.00	24.94 0.80 0.00	27.89 0.99 0.00	25.58 0.97 0.00	34.88 1.30 0.00	37.26 1.34 0.00	41.06 1.63 0.22	40.04 1.30 0.00	34.52 1.09 0.09	33.22 0.94 0.00	31.04 0.71 0.00
LOVETT___5 23593	31.31 0.88 0.00	33.48 0.94 0.00	33.54 0.94 0.00	30.76 0.86 0.00	31.15 0.74 0.00	29.87 0.81 0.00	37.69 1.30 0.04	44.59 1.77 1.28	44.67 1.66 1.46	30.78 1.00 0.00	33.33 1.12 0.00	31.61 1.01 0.00	27.73 0.92 0.00	27.20 0.89 0.00	24.94 0.80 0.00	27.89 0.99 0.00	25.58 0.97 0.00	34.88 1.30 0.00	37.26 1.34 0.00	41.06 1.63 0.22	40.04 1.30 0.00	34.52 1.09 0.09	33.22 0.94 0.00	31.04 0.71 0.00
LOWER RAQUET___HYD 24057	30.78 -0.32 -0.67	40.18 -0.41 -8.05	40.26 -0.43 -8.09	37.15 -0.45 -7.69	37.85 -0.32 -7.76	36.35 -0.29 -7.57	44.85 -0.28 -8.70	52.89 -0.44 -9.22	52.96 -0.51 -8.99	37.06 -0.36 -7.63	37.86 -0.43 -6.08	30.14 -0.46 0.00	28.87 -0.41 -2.47	25.96 -0.35 0.00	23.88 -0.26 0.00	28.34 -0.39 -1.83	24.25 -0.36 0.00	33.18 -0.41 0.00	35.63 -0.28 0.00	39.21 -0.32 0.11	38.72 -0.02 0.00	37.45 -0.12 -4.05	36.31 -0.10 -4.13	30.20 -0.12 0.00
LOWER___HUDSON 24059	31.35 0.92 0.00	33.48 0.94 0.00	33.58 0.98 0.00	30.85 0.95 0.00	31.29 0.88 0.00	30.00 0.93 0.00	37.57 1.18 0.04	44.12 1.26 1.25	44.46 1.40 1.41	30.67 0.89 0.00	33.06 0.85 0.00	31.25 0.66 0.00	27.30 0.50 0.00	26.78 0.46 0.00	24.49 0.35 0.00	27.46 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.90 0.00	40.41 0.98 0.21	39.51 0.77 0.00	34.21 0.78 0.09	33.03 0.75 0.00	30.98 0.65 0.00
LOWVILLE_115KV_TB2 356335	29.40 -1.24 -0.22	33.74 -1.38 -2.58	33.79 -1.39 -2.59	31.10 -1.26 -2.46	31.84 -1.05 -2.49	30.45 -1.04 -2.42	38.22 -0.95 -2.74	44.48 -1.24 -1.62	44.57 -1.10 -1.19	31.08 -0.96 -2.25	32.86 -1.15 -1.80	29.79 -0.81 0.00	26.66 -0.88 -0.73	25.32 -0.99 0.00	23.51 -0.63 0.00	26.91 -0.53 -0.54	23.86 -0.75 0.00	32.61 -0.97 0.00	35.08 -0.84 0.00	38.57 -0.82 0.25	38.19 -0.55 0.00	34.39 -0.23 -1.10	33.15 -0.35 -1.22	29.40 -0.93 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.70 1.27 0.00	33.86 1.32 0.00	33.99 1.39 0.00	31.21 1.31 0.00	31.69 1.28 0.00	30.41 1.34 0.00	38.20 1.81 0.04	44.84 1.99 1.25	45.11 2.06 1.42	31.05 1.26 0.00	33.42 1.21 0.00	31.56 0.97 0.00	27.52 0.71 0.00	27.02 0.70 0.00	24.77 0.63 0.00	27.87 0.96 0.00	25.47 0.85 0.00	34.96 1.38 0.00	37.53 1.61 0.00	41.21 1.78 0.21	40.27 1.53 0.00	34.74 1.31 0.09	33.55 1.27 0.00	31.44 1.12 0.00

LUTHERNY_35_KV_BK2 355980	31.69 1.26 0.00	33.88 1.35 0.00	34.06 1.46 0.00	31.21 1.31 0.00	31.69 1.27 0.00	30.41 1.34 0.00	38.21 1.83 0.04	44.87 2.01 1.25	45.14 2.09 1.42	31.07 1.28 0.00	33.43 1.22 0.00	31.58 0.98 0.00	27.53 0.72 0.00	27.03 0.72 0.00	24.78 0.64 0.00	27.89 0.98 0.00	25.48 0.87 0.00	34.98 1.40 0.00	37.55 1.63 0.00	41.23 1.80 0.21	40.30 1.56 0.00	34.74 1.31 0.09	33.60 1.32 0.00	31.46 1.13 0.00
LWR___OSWEGATCHIE_HYD 23850	29.83 -1.06 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.92 -5.26	41.52 -0.94 -6.02	48.68 -1.22 -5.80	48.71 -1.25 -5.49	34.04 -0.98 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.87 -0.74 0.00	32.60 -0.98 0.00	35.02 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.47 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
LYONS_FALL_HYD 23570	29.92 -0.66 -0.15	33.64 -0.73 -1.84	33.69 -0.75 -1.84	30.99 -0.66 -1.75	31.63 -0.55 -1.77	30.27 -0.52 -1.73	38.00 -0.37 -1.93	44.21 -0.50 -0.61	44.23 -0.40 -0.15	30.88 -0.43 -1.52	32.89 -0.53 -1.21	30.23 -0.37 0.00	26.86 -0.44 -0.49	25.81 -0.51 0.00	23.85 -0.29 0.00	27.06 -0.21 -0.36	24.27 -0.34 0.00	33.22 -0.37 0.00	35.68 -0.24 0.00	39.17 -0.21 0.27	38.70 -0.04 0.00	34.37 0.15 -0.70	33.14 0.03 -0.82	29.92 -0.41 0.00
MADISON___COUNTY_LFGE 323628	30.55 0.12 0.00	32.67 0.13 0.00	32.72 0.12 0.00	30.04 0.14 0.00	30.55 0.14 0.00	29.26 0.19 0.00	36.79 0.43 0.06	42.69 0.56 1.98	42.74 0.55 2.28	30.07 0.29 0.00	32.50 0.29 0.00	30.83 0.23 0.00	26.94 0.14 0.00	26.43 0.11 0.00	24.24 0.10 0.00	27.06 0.15 0.00	24.75 0.14 0.00	34.03 0.45 0.00	36.52 0.60 0.00	39.97 0.66 0.34	39.42 0.68 0.00	33.99 0.62 0.15	32.74 0.45 0.00	30.64 0.31 0.00
MALONE___115KV_TB1 356076	32.99 -0.29 -2.86	66.13 -0.46 -34.05	66.33 -0.49 -34.22	61.95 -0.51 -32.56	62.87 -0.39 -32.84	60.75 -0.34 -32.03	72.98 -0.34 -36.88	85.16 -0.40 -41.45	85.17 -0.46 -41.17	62.18 -0.26 -32.65	57.97 -0.27 -26.02	30.33 -0.27 0.00	37.12 -0.27 -10.58	26.27 -0.05 0.00	23.98 -0.16 0.00	34.33 -0.39 -7.82	24.39 -0.22 0.00	33.63 0.05 0.00	36.35 0.43 0.00	39.71 0.15 0.08	39.14 0.40 0.00	50.86 -0.14 -17.49	49.83 -0.11 -17.66	30.27 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	31.27 0.85 0.00	33.40 0.87 0.00	33.49 0.89 0.00	30.79 0.88 0.00	31.22 0.81 0.00	29.92 0.86 0.00	37.44 1.05 0.04	44.06 1.20 1.25	44.39 1.33 1.41	30.68 0.89 0.00	33.06 0.85 0.00	31.30 0.70 0.00	27.35 0.54 0.00	26.83 0.52 0.00	24.57 0.43 0.00	27.47 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.91 0.00	40.41 0.98 0.21	39.52 0.78 0.00	34.23 0.80 0.09	33.00 0.72 0.00	30.95 0.63 0.00
MAPLE_RIDGE_WT_1 323574	29.50 -0.93 0.00	31.53 -1.00 0.00	31.60 -1.00 0.00	28.99 -0.91 0.00	29.49 -0.92 0.00	28.18 -0.88 0.00	35.31 -1.08 0.04	41.72 -1.33 1.05	42.03 -1.26 1.19	28.95 -0.84 0.00	31.29 -0.92 0.00	29.84 -0.76 0.00	26.23 -0.58 0.00	25.80 -0.51 0.00	23.74 -0.40 0.00	26.52 -0.39 0.00	24.14 -0.47 0.00	32.80 -0.78 0.00	34.93 -1.00 0.00	38.27 -1.20 0.18	37.80 -0.94 0.00	33.03 -0.41 0.08	31.72 -0.57 0.00	29.58 -0.75 0.00
MAPLE_RIDGE_WT_2 323611	29.50 -0.93 0.00	31.53 -1.00 0.00	31.60 -1.00 0.00	28.99 -0.91 0.00	29.49 -0.92 0.00	28.18 -0.88 0.00	35.31 -1.08 0.04	41.72 -1.33 1.05	42.03 -1.26 1.19	28.95 -0.84 0.00	31.29 -0.92 0.00	29.84 -0.76 0.00	26.23 -0.58 0.00	25.80 -0.51 0.00	23.74 -0.40 0.00	26.52 -0.39 0.00	24.14 -0.47 0.00	32.80 -0.78 0.00	34.93 -1.00 0.00	38.27 -1.20 0.18	37.80 -0.94 0.00	33.03 -0.41 0.08	31.72 -0.57 0.00	29.58 -0.75 0.00
MARBLE_RIVER_WT_PWR 323696	24.92 -1.14 4.36	-21.00 -1.55 51.99	-21.00 -1.35 52.25	-21.00 -1.18 49.72	-21.00 -1.27 50.15	-21.00 -1.17 48.90	-21.00 -1.08 56.35	-21.55 -1.29 64.36	-21.00 -1.50 63.97	-21.00 -1.05 49.74	-8.34 -0.91 39.64	29.51 -1.09 0.00	9.72 -0.97 16.12	25.93 -0.39 0.00	23.54 -0.60 0.00	13.77 -1.23 11.91	23.78 -0.83 0.00	33.45 -0.13 0.00	36.40 0.47 0.00	39.12 -0.45 0.07	38.31 -0.43 0.00	5.49 -1.31 26.71	3.88 -1.52 26.89	29.17 -1.16 0.00
MARSHVLE_115KV_TB1 80742	31.37 0.94 0.00	33.55 1.01 0.00	33.60 1.00 0.00	30.82 0.92 0.00	31.39 0.98 0.00	30.02 0.95 0.00	37.74 1.35 0.05	44.50 1.78 1.38	44.49 1.58 1.57	30.52 0.73 0.00	32.97 0.76 0.00	31.13 0.53 0.00	27.25 0.44 0.00	26.86 0.54 0.00	24.77 0.63 0.00	27.48 0.57 0.00	25.05 0.44 0.00	34.77 1.19 0.00	37.39 1.47 0.00	41.22 1.81 0.23	40.67 1.93 0.00	35.00 1.59 0.10	33.86 1.58 0.00	31.74 1.41 0.00
MARSH_HILL_WT_PWR 323713	38.76 -3.68 -12.02	54.31 -3.45 -25.22	54.07 -3.70 -25.18	50.65 -3.40 -24.15	50.31 -3.35 -23.26	37.49 -3.40 -11.83	48.91 -3.94 -16.43	40.45 -4.20 -0.55	44.69 -4.30 -4.52	27.04 -2.75 0.00	30.45 -1.76 0.00	29.26 -1.34 0.00	25.19 -1.63 -0.01	24.21 -2.10 0.00	22.26 -1.88 0.00	25.05 -1.86 0.00	22.97 -1.65 0.00	46.81 -2.64 -15.86	42.42 -2.74 -9.24	56.92 -2.96 -20.24	64.19 -3.53 -28.98	45.42 -3.60 -15.50	29.17 -3.11 0.00	27.39 -2.93 0.00
MCINTYRE_115KV_TB2 80467	31.75 0.79 -0.54	39.75 0.80 -6.41	39.83 0.78 -6.45	36.68 0.65 -6.13	37.40 0.80 -6.19	35.91 0.81 -6.03	44.47 1.11 -6.93	52.56 1.18 -7.27	52.49 0.95 -7.08	36.36 0.49 -6.07	37.50 0.45 -4.84	30.83 0.23 0.00	29.02 0.25 -1.97	26.64 0.32 0.00	24.58 0.44 0.00	28.79 0.43 -1.45	25.04 0.43 0.00	34.37 0.78 0.00	36.85 0.93 0.00	40.63 1.09 0.10	40.12 1.38 0.00	37.80 1.07 -3.21	36.60 1.04 -3.28	31.33 1.00 0.00
MECO_____69_KV_BK1 80468	31.82 1.39 0.00	34.01 1.48 0.00	34.07 1.47 0.00	31.26 1.36 0.00	31.83 1.42 0.00	30.49 1.43 0.00	38.41 2.02 0.04	45.30 2.53 1.33	45.31 2.35 1.52	30.95 1.16 0.00	33.25 1.04 0.00	31.11 0.51 0.00	26.91 0.11 0.00	26.72 0.40 0.00	24.71 0.57 0.00	27.29 0.38 0.00	24.99 0.38 0.00	35.02 1.44 0.00	37.79 1.87 0.00	41.72 2.31 0.22	41.01 2.27 0.00	35.31 1.89 0.10	34.08 1.80 0.00	31.93 1.60 0.00
MENANDS___115KV_TB5 355628	31.17 0.74 0.00	33.28 0.75 0.00	33.38 0.78 0.00	30.69 0.79 0.00	31.13 0.72 0.00	29.83 0.76 0.00	37.30 0.91 0.04	43.87 1.01 1.25	44.20 1.14 1.41	30.58 0.80 0.00	32.97 0.75 0.00	31.21 0.61 0.00	27.29 0.48 0.00	26.77 0.46 0.00	24.50 0.36 0.00	27.40 0.50 0.00	25.05 0.44 0.00	34.28 0.69 0.00	36.68 0.76 0.00	40.22 0.79 0.21	39.32 0.58 0.00	34.08 0.65 0.09	32.86 0.59 0.00	30.83 0.51 0.00
MG INDUSTRY___DRP 24185	31.19 0.76 0.00	33.34 0.80 0.00	33.44 0.84 0.00	30.74 0.85 0.00	31.20 0.79 0.00	29.87 0.80 0.00	37.36 0.97 0.04	43.94 1.07 1.24	44.21 1.14 1.40	30.51 0.72 0.00	32.83 0.62 0.00	31.12 0.52 0.00	27.18 0.38 0.00	26.70 0.39 0.00	24.46 0.32 0.00	27.25 0.35 0.00	24.94 0.33 0.00	34.27 0.69 0.00	36.73 0.81 0.00	40.31 0.88 0.21	39.45 0.71 0.00	34.12 0.69 0.09	32.92 0.64 0.00	30.91 0.58 0.00

MID___OSWEGATCHIE_HYD 23849	29.83 -1.06 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.92 -5.26	41.52 -0.94 -6.02	48.68 -1.22 -5.80	48.71 -1.25 -5.49	34.04 -0.98 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.87 -0.74 0.00	32.60 -0.98 0.00	35.02 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.47 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
MID___RAQUETTE_HYD 23851	30.78 -0.32 -0.67	40.18 -0.40 -8.05	40.26 -0.42 -8.09	37.15 -0.45 -7.69	37.85 -0.32 -7.76	36.35 -0.28 -7.57	44.86 -0.27 -8.70	52.89 -0.43 -9.22	52.96 -0.51 -8.99	37.07 -0.35 -7.63	37.87 -0.42 -6.08	30.14 -0.46 0.00	28.87 -0.41 -2.47	25.96 -0.35 0.00	23.88 -0.26 0.00	28.34 -0.39 -1.83	24.25 -0.36 0.00	33.18 -0.41 0.00	35.64 -0.28 0.00	39.21 -0.32 0.11	38.72 -0.02 0.00	37.45 -0.12 -4.05	36.32 -0.09 -4.13	30.20 -0.13 0.00
MILLIKEN___1 23584	31.28 -0.24 -1.10	34.17 -0.20 -1.84	34.22 -0.22 -1.83	31.48 -0.18 -1.76	31.93 -0.17 -1.69	29.77 -0.16 -0.86	37.51 -0.05 -1.13	42.12 0.03 2.02	42.26 -0.15 2.06	29.50 -0.29 0.00	31.90 -0.31 0.00	30.41 -0.19 0.00	26.54 -0.27 0.00	25.98 -0.34 0.00	23.92 -0.22 0.00	26.71 -0.20 0.00	24.52 -0.09 0.00	34.83 0.09 -1.16	36.72 0.13 -0.67	40.95 0.19 -1.12	41.02 0.17 -2.11	34.51 0.02 -0.97	32.29 0.01 0.00	30.27 -0.06 0.00
MILLIKEN___2 23585	31.28 -0.24 -1.10	34.17 -0.20 -1.84	34.22 -0.22 -1.83	31.48 -0.18 -1.76	31.93 -0.17 -1.69	29.77 -0.16 -0.86	37.51 -0.05 -1.13	42.12 0.03 2.02	42.26 -0.15 2.06	29.50 -0.29 0.00	31.90 -0.31 0.00	30.41 -0.19 0.00	26.54 -0.27 0.00	25.98 -0.34 0.00	23.92 -0.22 0.00	26.71 -0.20 0.00	24.52 -0.09 0.00	34.83 0.09 -1.16	36.72 0.13 -0.67	40.95 0.19 -1.12	41.02 0.17 -2.11	34.51 0.02 -0.97	32.29 0.01 0.00	30.27 -0.06 0.00
MILLIKEN___DIESEL 23629	31.28 -0.24 -1.10	34.17 -0.20 -1.84	34.22 -0.22 -1.83	31.48 -0.18 -1.76	31.93 -0.17 -1.69	29.77 -0.16 -0.86	37.51 -0.05 -1.13	42.12 0.03 2.02	42.26 -0.15 2.06	29.50 -0.29 0.00	31.90 -0.31 0.00	30.41 -0.19 0.00	26.54 -0.27 0.00	25.98 -0.34 0.00	23.92 -0.22 0.00	26.71 -0.20 0.00	24.52 -0.09 0.00	34.83 0.09 -1.16	36.72 0.13 -0.67	40.95 0.19 -1.12	41.02 0.17 -2.11	34.51 0.02 -0.97	32.29 0.01 0.00	30.27 -0.06 0.00
MILLSEAT___LFGE 323607	25.96 -2.00 2.47	25.48 -2.05 5.01	25.38 -2.22 5.00	23.06 -2.05 4.80	23.95 -1.85 4.62	24.97 -1.74 2.35	30.70 -2.34 3.39	37.56 -2.61 3.93	36.39 -2.70 5.38	28.04 -1.75 0.00	31.07 -1.14 0.00	30.00 -0.59 0.00	26.23 -0.57 0.00	25.48 -0.83 0.00	22.96 -1.18 0.00	25.62 -1.28 0.00	23.33 -1.28 0.00	28.24 -2.20 3.15	31.64 -2.45 1.84	32.62 -2.34 4.68	31.14 -1.85 5.76	28.28 -1.87 3.37	30.91 -1.37 0.00	29.26 -1.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.45 1.02 0.00	33.62 1.08 0.00	33.67 1.07 0.00	30.89 0.99 0.00	31.29 0.88 0.00	29.99 0.93 0.00	37.84 1.46 0.04	44.77 1.94 1.27	44.87 1.85 1.46	30.93 1.15 0.00	33.49 1.28 0.00	31.76 1.16 0.00	27.86 1.06 0.00	27.33 1.01 0.00	25.04 0.91 0.00	28.00 1.09 0.00	25.68 1.07 0.00	35.01 1.43 0.00	37.39 1.47 0.00	41.19 1.76 0.22	40.18 1.44 0.00	34.65 1.22 0.09	33.34 1.06 0.00	31.15 0.82 0.00
MILLWOOD_13_KV_LOAD 356217	31.48 1.06 0.00	33.65 1.12 0.00	33.70 1.10 0.00	30.92 1.02 0.00	31.32 0.91 0.00	30.03 0.96 0.00	37.88 1.49 0.04	44.83 2.00 1.27	44.94 1.92 1.46	30.97 1.18 0.00	33.53 1.32 0.00	31.80 1.20 0.00	27.90 1.09 0.00	27.36 1.05 0.00	25.07 0.93 0.00	28.03 1.13 0.00	25.71 1.10 0.00	35.05 1.47 0.00	37.45 1.53 0.00	41.26 1.83 0.22	40.23 1.49 0.00	34.69 1.27 0.09	33.38 1.10 0.00	31.19 0.86 0.00
MODEL_CITY_ENERGY 24167	24.58 -2.92 2.93	23.57 -3.03 5.94	23.47 -3.21 5.93	21.26 -2.95 5.69	22.17 -2.76 5.48	23.61 -2.67 2.78	28.81 -3.63 3.99	35.82 -4.27 4.02	34.55 -4.30 5.62	27.11 -2.67 0.00	30.01 -2.20 0.00	28.97 -1.63 0.00	25.33 -1.48 0.00	24.69 -1.63 0.00	22.48 -1.66 0.00	25.04 -1.86 0.00	22.77 -1.84 0.00	26.81 -3.03 3.74	30.29 -3.45 2.18	30.28 -3.92 5.45	28.56 -3.35 6.83	26.46 -3.11 3.95	29.84 -2.45 0.00	28.34 -1.98 0.00
MODERN_LFGE___ 323580	24.58 -2.92 2.93	23.57 -3.03 5.94	23.47 -3.21 5.93	21.26 -2.95 5.69	22.17 -2.76 5.48	23.61 -2.67 2.78	28.81 -3.63 3.99	35.82 -4.27 4.02	34.55 -4.30 5.62	27.11 -2.67 0.00	30.01 -2.20 0.00	28.97 -1.63 0.00	25.33 -1.48 0.00	24.69 -1.63 0.00	22.48 -1.66 0.00	25.04 -1.86 0.00	22.77 -1.84 0.00	26.81 -3.03 3.74	30.29 -3.45 2.18	30.28 -3.92 5.45	28.56 -3.35 6.83	26.46 -3.11 3.95	29.84 -2.45 0.00	28.34 -1.98 0.00
MOHAWK_PAPER___DRP 24187	31.27 0.85 0.00	33.40 0.87 0.00	33.49 0.89 0.00	30.79 0.88 0.00	31.22 0.81 0.00	29.92 0.86 0.00	37.44 1.05 0.04	44.06 1.20 1.25	44.39 1.33 1.41	30.68 0.89 0.00	33.06 0.85 0.00	31.30 0.70 0.00	27.35 0.54 0.00	26.83 0.52 0.00	24.57 0.43 0.00	27.47 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.91 0.00	40.41 0.98 0.21	39.52 0.78 0.00	34.23 0.80 0.09	33.00 0.72 0.00	30.95 0.63 0.00
MOHICAN___35_KV_115KV_LD 80490	31.61 1.18 0.00	33.74 1.20 0.00	33.86 1.26 0.00	31.13 1.24 0.00	31.61 1.21 0.00	30.37 1.31 0.00	38.22 1.83 0.04	44.77 1.92 1.26	45.07 2.01 1.42	30.95 1.17 0.00	33.27 1.06 0.00	31.39 0.79 0.00	27.32 0.51 0.00	26.81 0.49 0.00	24.61 0.47 0.00	27.77 0.87 0.00	25.44 0.83 0.00	34.97 1.38 0.00	37.59 1.66 0.00	41.27 1.83 0.21	40.28 1.54 0.00	34.74 1.31 0.09	33.58 1.30 0.00	31.43 1.10 0.00
MONGAUP___HYD 23641	31.52 1.10 0.00	33.69 1.15 0.00	33.74 1.14 0.00	30.96 1.05 0.00	31.39 0.98 0.00	30.10 1.03 0.00	37.72 1.34 0.04	44.33 1.51 1.29	44.67 1.66 1.47	30.67 0.88 0.00	32.92 0.70 0.00	31.06 0.47 0.00	27.39 0.58 0.00	26.99 0.68 0.00	24.67 0.53 0.00	27.54 0.63 0.00	25.15 0.54 0.00	34.46 0.88 0.00	37.15 1.23 0.00	40.80 1.37 0.22	40.18 1.44 0.00	34.64 1.21 0.09	33.34 1.06 0.00	31.32 0.99 0.00
MONTAUK___DIESEL 23721	32.47 2.04 0.00	34.99 2.45 0.00	34.99 2.40 0.00	32.00 2.10 0.00	32.46 2.05 0.00	31.34 2.27 0.00	39.74 3.35 0.04	46.47 3.65 1.27	45.74 2.72 1.45	31.54 1.75 0.00	34.05 1.83 0.00	32.15 1.56 0.00	27.84 1.03 0.00	27.03 0.72 0.00	24.63 0.49 0.00	27.68 0.78 0.00	25.50 0.88 0.00	34.72 1.14 0.00	36.74 0.82 0.00	40.49 1.06 0.22	38.78 0.04 0.00	33.45 0.02 0.09	32.11 -0.17 0.00	30.66 -0.43 -0.76
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.12 -3.18 1.13	27.01 -3.36 2.17	26.95 -3.48 2.17	24.63 -3.19 2.08	25.38 -3.02 2.00	26.10 -1.95 1.02	32.71 -2.20 1.52	38.57 -2.18 3.36	38.43 -1.78 4.26	27.92 -1.87 0.00	30.51 -1.71 0.00	28.90 -1.70 0.00	25.32 -1.49 0.00	25.48 -0.83 0.00	23.64 -0.50 0.00	26.32 -0.59 0.00	23.86 -0.75 0.00	29.85 -2.36 1.37	32.12 -3.00 0.80	33.99 -3.33 2.32	33.25 -2.99 2.50	29.20 -2.74 1.58	30.18 -2.10 0.00	28.31 -2.02 0.00

MORRIS_RIDGE___SOLAR 323848	2.13 -3.13 25.17	-22.44 -3.13 51.85	-22.43 -3.26 51.76	-22.72 -2.97 49.65	-20.39 -2.98 47.81	1.83 -2.91 24.32	-1.01 -3.39 34.05	30.78 -3.60 9.72	21.39 -3.75 19.33	27.26 -2.53 0.00	30.49 -1.72 0.00	29.39 -1.21 0.00	25.27 -1.52 0.02	24.42 -1.90 0.00	22.52 -1.62 0.00	25.18 -1.73 0.00	23.00 -1.61 0.00	-1.55 -2.52 32.62	13.96 -2.97 18.99	-6.64 -3.16 43.11	-24.18 -3.33 59.59	-2.11 -3.11 32.51	29.62 -2.66 0.00	27.85 -2.47 0.00
MORTIMER_115KV_TB3 55949	28.89 -1.50 0.04	31.00 -1.53 0.00	30.96 -1.64 0.00	28.40 -1.50 0.00	29.03 -1.38 0.00	27.75 -1.32 0.00	34.54 -1.78 0.11	38.67 -2.06 3.38	38.34 -2.18 3.96	28.33 -1.45 0.00	31.12 -1.10 0.00	29.93 -0.67 0.00	26.24 -0.57 0.00	25.64 -0.68 0.00	23.41 -0.73 0.00	26.13 -0.78 0.00	23.80 -0.81 0.00	32.19 -1.39 0.00	34.34 -1.58 0.00	37.29 -1.76 0.59	37.31 -1.43 0.00	31.83 -1.43 0.25	31.12 -1.16 0.00	29.40 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.68 1.25 0.00	33.86 1.32 0.00	33.90 1.30 0.00	31.09 1.19 0.00	31.48 1.07 0.00	30.19 1.12 0.00	38.13 1.74 0.04	45.16 2.33 1.27	45.25 2.23 1.45	31.20 1.40 0.00	33.81 1.60 0.00	32.06 1.46 0.00	28.15 1.34 0.00	27.59 1.28 0.00	25.27 1.13 0.00	28.24 1.33 0.00	25.91 1.30 0.00	35.31 1.73 0.00	37.71 1.79 0.00	41.52 2.09 0.22	40.49 1.75 0.00	34.91 1.49 0.09	33.58 1.30 0.00	31.36 1.03 0.00
MUNSVILLE_WIND_PWR 323609	31.28 0.09 -0.76	34.05 0.15 -1.36	34.07 0.11 -1.36	31.40 0.19 -1.31	31.86 0.19 -1.26	30.06 0.36 -0.64	38.04 0.79 -0.82	43.33 1.22 1.99	43.08 0.71 2.10	29.81 0.03 0.00	32.32 0.11 0.00	30.94 0.35 0.00	26.29 -0.51 0.00	25.30 -1.02 0.00	23.82 -0.32 0.00	26.94 0.03 0.00	24.45 -0.16 0.00	35.08 0.65 -0.86	37.65 1.23 -0.50	42.02 1.64 -0.74	41.54 1.23 -1.56	35.20 0.99 -0.69	33.63 1.35 0.00	30.62 0.30 0.00
N SALMON___HYD 24042	32.99 -0.30 -2.86	66.12 -0.46 -34.05	66.31 -0.50 -34.22	61.94 -0.52 -32.56	62.85 -0.40 -32.84	60.74 -0.35 -32.03	72.97 -2.44 -36.88	85.14 -0.42 -41.45	85.16 -0.48 -41.17	62.17 -0.27 -32.65	57.95 -0.28 -26.02	30.33 -0.27 0.00	37.12 -0.27 -10.58	26.27 -0.05 0.00	23.98 -0.16 0.00	34.33 -0.39 -7.82	24.39 -0.22 0.00	33.63 0.05 0.00	36.35 0.43 0.00	39.71 0.15 0.08	39.14 0.40 0.00	50.86 -0.14 -17.49	49.82 -0.11 -17.66	30.27 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	25.69 -2.08 2.66	24.99 -2.16 5.38	24.89 -2.34 5.37	22.60 -2.15 5.15	23.50 -1.95 4.96	24.72 -1.82 2.52	30.36 -2.44 3.63	37.38 -2.75 3.97	36.17 -2.82 5.48	27.99 -1.80 0.00	31.00 -1.21 0.00	29.93 -0.67 0.00	26.17 -0.64 0.00	25.44 -0.88 0.00	22.99 -1.15 0.00	25.66 -1.24 0.00	23.36 -1.25 0.00	28.01 -2.19 3.39	31.48 -2.48 1.97	32.12 -2.53 4.99	30.54 -2.02 6.18	27.95 -1.97 3.60	30.83 -1.45 0.00	29.20 -1.13 0.00
N.BELMOR_69_KV_BK1 55787	31.94 1.52 0.00	34.14 1.60 0.00	34.14 1.54 0.00	31.30 1.40 0.00	31.68 1.27 0.00	30.42 1.35 0.00	38.28 1.89 0.04	45.22 2.39 1.27	45.28 2.26 1.45	31.25 1.46 0.00	33.90 1.68 0.00	32.07 1.47 0.00	28.05 1.24 0.00	27.47 1.16 0.00	25.21 1.07 0.00	28.27 1.36 0.00	25.97 1.36 0.00	35.39 1.81 0.00	37.78 1.86 0.00	41.63 2.21 0.22	40.48 1.74 0.00	34.97 1.54 0.09	33.70 1.42 0.00	35.82 1.17 -4.32
N.E_GEN_SANDY PD 24062	31.55 1.09 -0.03	33.67 1.14 0.00	33.75 1.15 0.00	31.00 1.10 0.00	31.41 1.00 0.00	30.20 1.04 -0.09	36.77 1.30 0.96	43.36 1.46 2.20	44.64 1.59 1.42	30.81 1.03 0.00	33.28 1.07 0.00	31.49 0.89 0.00	27.58 0.78 0.00	27.01 0.70 0.00	24.34 0.52 0.33	28.30 0.72 -0.67	25.28 0.67 0.00	34.51 0.93 0.00	36.93 1.00 0.00	40.53 1.10 0.21	39.41 0.84 0.16	34.28 0.86 0.09	33.09 0.81 0.00	31.03 0.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.33 0.90 0.00	33.50 0.96 0.00	33.56 0.96 0.00	30.79 0.89 0.00	31.18 0.77 0.00	29.91 0.84 0.00	37.76 1.37 0.04	44.68 1.86 1.28	44.76 1.74 1.46	30.83 1.05 0.00	33.38 1.17 0.00	31.65 1.05 0.00	27.77 0.96 0.00	27.26 0.94 0.00	25.00 0.86 0.00	27.95 1.04 0.00	25.63 1.02 0.00	34.94 1.36 0.00	37.31 1.39 0.00	41.13 1.71 0.22	40.10 1.36 0.00	34.57 1.14 0.09	33.27 0.99 0.00	31.08 0.75 0.00
N.QUEENS_27_KV_LOAD 356247	31.68 1.25 -0.01	33.88 1.34 -0.01	33.94 1.34 -0.01	31.13 1.22 -0.01	31.43 1.02 0.00	30.07 1.00 0.00	38.00 1.60 0.04	45.11 2.28 1.27	45.17 2.16 1.46	31.15 1.37 0.00	33.78 1.57 0.01	32.02 1.44 0.01	28.12 1.32 0.01	27.57 1.26 0.01	25.24 1.11 0.01	28.17 1.27 0.01	25.85 1.25 0.01	35.25 1.68 0.01	37.63 1.71 0.01	41.40 1.97 0.22	40.38 1.64 0.00	34.89 1.47 0.10	33.57 1.29 0.00	31.33 1.01 0.01
N.TROY___115KV_TB1 355778	31.35 0.93 0.00	33.49 0.96 0.00	33.59 0.99 0.00	30.86 0.96 0.00	31.29 0.89 0.00	30.00 0.93 0.00	37.57 1.18 0.04	44.12 1.27 1.25	44.46 1.39 1.41	30.67 0.89 0.00	33.06 0.84 0.00	31.26 0.67 0.00	27.31 0.50 0.00	26.78 0.46 0.00	24.49 0.35 0.00	27.47 0.56 0.00	25.11 0.50 0.00	34.39 0.81 0.00	36.83 0.91 0.00	40.43 1.00 0.21	39.51 0.77 0.00	34.21 0.78 0.09	33.03 0.75 0.00	30.98 0.65 0.00
NARROWS_GT1_1 24228	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_2 24229	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_3 24230	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_4 24231	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85

NARROWS_GT1_5 24232	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_6 24233	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_7 24234	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT1_8 24235	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_1 24236	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_2 24237	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_3 24238	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_4 24239	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_5 24240	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_6 24241	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_7 24242	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NARROWS_GT2_8 24243	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.66 1.24 0.00	33.80 1.26 0.00	33.90 1.30 0.00	31.18 1.28 0.00	31.66 1.25 0.00	30.37 1.30 0.00	38.05 1.66 0.04	44.85 1.99 1.25	45.15 2.09 1.41	31.15 1.36 0.00	33.38 1.17 0.00	31.59 0.99 0.00	27.48 0.67 0.00	26.94 0.62 0.00	24.63 0.50 0.00	27.50 0.60 0.00	25.22 0.61 0.00	34.76 1.18 0.00	37.43 1.50 0.00	41.16 1.73 0.21	40.28 1.54 0.00	34.83 1.40 0.09	33.53 1.25 0.00	31.46 1.13 0.00
NCHELSEA_115KV_TR2 355582	31.73 1.30 0.00	33.92 1.38 0.00	33.96 1.36 0.00	31.16 1.26 0.00	31.58 1.17 0.00	30.28 1.22 0.00	38.20 1.81 0.04	45.18 2.36 1.27	45.32 2.30 1.45	31.23 1.44 0.00	33.76 1.55 0.00	32.01 1.41 0.00	28.04 1.24 0.00	27.50 1.19 0.00	25.20 1.06 0.00	28.19 1.28 0.00	25.87 1.27 0.00	35.32 1.74 0.00	37.68 1.76 0.00	41.49 2.06 0.22	40.49 1.75 0.00	34.91 1.49 0.09	33.60 1.32 0.00	31.39 1.06 0.00
NEG CAPITAL___MECHNVIL 23645	31.74 1.31 0.00	33.89 1.35 0.00	34.00 1.40 0.00	31.24 1.34 0.00	31.70 1.29 0.00	30.42 1.36 0.00	38.20 1.82 0.04	44.89 2.03 1.25	45.17 2.11 1.42	31.10 1.32 0.00	33.49 1.27 0.00	31.63 1.03 0.00	27.59 0.78 0.00	27.07 0.76 0.00	24.80 0.66 0.00	27.90 0.99 0.00	25.50 0.89 0.00	34.99 1.41 0.00	37.55 1.63 0.00	41.23 1.80 0.21	40.29 1.55 0.00	34.78 1.36 0.09	33.57 1.29 0.00	31.47 1.14 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.65 -1.75 0.03	30.75 -1.79 0.00	30.73 -1.87 0.00	28.20 -1.70 0.00	28.81 -1.60 0.00	27.52 -1.55 0.00	34.33 -2.00 0.10	38.57 -2.32 3.21	38.26 -2.44 3.77	28.10 -1.68 0.00	30.72 -1.49 0.00	29.50 -1.09 0.00	25.87 -0.94 0.00	25.30 -1.01 0.00	23.17 -0.97 0.00	25.88 -1.03 0.00	23.61 -1.00 0.00	32.02 -1.57 0.00	34.13 -1.79 0.00	37.08 -2.00 0.56	37.04 -1.70 0.00	31.61 -1.66 0.24	30.78 -1.50 0.00	29.05 -1.27 0.00
NEG CENTRAL___DRP 24199	30.60 -0.89 -1.07	33.97 -0.87 -2.30	33.99 -0.91 -2.30	31.29 -0.81 -2.20	31.75 -0.78 -2.12	29.39 -0.76 -1.08	37.03 -0.83 -1.43	41.05 -0.87 2.18	41.25 -1.03 2.19	28.98 -0.81 0.00	31.53 -0.68 0.00	30.13 -0.47 0.00	26.31 -0.50 0.00	25.81 -0.51 0.00	23.74 -0.40 0.00	26.51 -0.40 0.00	24.30 -0.31 0.00	34.56 -0.47 -1.45	36.17 -0.60 -0.84	40.42 -0.68 -1.46	40.72 -0.66 -2.64	34.05 -0.72 -1.25	31.62 -0.66 0.00	29.74 -0.59 0.00
NEG CENTRAL___INDECK 23768	41.02 -1.53 -12.13	56.36 -1.50 -25.32	56.23 -1.64 -25.28	52.67 -1.48 -24.25	52.40 -1.36 -23.35	39.62 -1.32 -11.88	51.47 -1.45 -16.48	43.05 -1.38 -0.32	47.02 -1.71 -4.26	28.25 -1.54 0.00	31.59 -0.63 0.00	30.68 0.08 0.00	26.62 -0.19 -0.01	25.81 -0.51 0.00	23.71 -0.43 0.00	26.48 -0.43 0.00	24.21 -0.40 0.00	48.68 -0.83 -15.93	44.24 -0.95 -9.27	59.10 -0.83 -20.29	67.05 -0.78 -29.10	48.05 -1.01 -15.54	31.49 -0.79 0.00	29.62 -0.71 0.00
NEG CENTRAL___SENECA 23627	31.02 -1.11 -1.70	35.16 -1.08 -3.70	35.15 -1.14 -3.69	32.42 -1.02 -3.54	32.83 -0.98 -3.41	29.88 -0.92 -1.73	37.77 -1.00 -2.33	40.79 -0.99 2.32	41.12 -1.20 2.14	28.85 -0.94 0.00	31.49 -0.72 0.00	30.14 -0.46 0.00	26.28 -0.52 0.00	25.79 -0.53 0.00	23.73 -0.41 0.00	26.50 -0.41 0.00	24.28 -0.33 0.00	35.40 -0.50 -2.33	36.58 -0.69 -1.35	41.40 -0.80 -2.55	42.19 -0.79 -4.25	34.76 -0.85 -2.09	31.53 -0.75 0.00	29.63 -0.70 0.00
NEG CENTRAL___STATE_STREET 24147	29.98 -0.47 -0.02	32.16 -0.38 0.00	32.21 -0.39 0.00	29.57 -0.33 0.00	30.09 -0.32 0.00	28.75 -0.32 0.00	36.02 -0.34 0.07	41.39 -0.47 2.24	41.26 -0.61 2.60	29.28 -0.51 0.00	31.73 -0.48 0.00	30.27 -0.33 0.00	26.48 -0.33 0.00	25.92 -0.40 0.00	23.82 -0.32 0.00	26.61 -0.30 0.00	24.41 -0.20 0.00	33.33 -0.24 0.00	35.67 -0.25 0.00	39.00 -0.25 0.39	38.51 -0.23 0.00	32.98 -0.37 0.17	31.91 -0.37 0.00	30.02 -0.31 0.00
NEG MILLWOOD___DRP 24198	31.77 1.34 0.00	33.95 1.42 0.00	34.00 1.40 0.00	31.20 1.30 0.00	31.62 1.21 0.00	30.33 1.26 0.00	38.27 1.88 0.04	45.30 2.47 1.27	45.44 2.42 1.45	31.31 1.53 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.17 1.36 0.00	27.61 1.30 0.00	25.29 1.15 0.00	28.29 1.38 0.00	25.94 1.33 0.00	35.39 1.81 0.00	37.83 1.91 0.00	41.67 2.24 0.22	40.65 1.91 0.00	35.04 1.61 0.09	33.71 1.43 0.00	31.48 1.16 0.00
NEG NORTH_FLCN_SEA 23793	25.45 -0.61 4.36	-20.37 -0.91 52.00	-20.50 -0.84 52.26	-20.60 -0.77 49.73	-20.58 -0.84 50.15	-20.66 -0.82 48.91	-20.74 -0.80 56.36	-21.26 -0.99 64.37	-20.56 -1.05 63.98	-20.66 -0.70 49.75	-8.06 -0.63 39.64	29.89 -0.71 0.00	10.07 -0.62 16.12	26.15 -0.16 0.00	23.82 -0.32 0.00	14.18 -0.82 11.91	24.12 -0.49 0.00	33.66 0.08 0.00	36.51 0.59 0.00	39.47 -0.11 0.07	38.68 -0.05 0.00	6.01 -0.79 26.72	4.44 -0.94 26.89	29.66 -0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	25.29 -0.54 4.60	-23.10 -0.73 54.91	-23.36 -0.78 55.18	-23.36 -0.76 52.51	-23.19 -0.65 52.96	-23.21 -0.63 51.64	-23.83 -0.75 59.51	-24.81 -0.94 67.98	-24.07 -0.96 67.58	-23.34 -0.57 52.55	-10.27 -0.61 41.87	30.04 -0.56 0.00	9.27 -0.51 17.03	26.10 -0.21 0.00	23.80 -0.34 0.00	13.73 -0.60 12.58	24.21 -0.40 0.00	33.49 -0.09 0.00	36.26 0.34 0.00	39.50 -0.07 0.07	38.82 0.08 0.00	4.80 -0.50 28.22	3.43 -0.45 28.41	30.02 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	25.53 -0.50 4.40	-20.71 -0.78 52.46	-20.86 -0.74 52.73	-20.96 -0.69 50.17	-20.89 -0.70 50.60	-20.92 -0.65 49.34	-21.03 -0.60 56.86	-21.56 -0.72 64.95	-20.88 -0.80 64.55	-20.99 -0.58 50.19	-8.29 -0.51 40.00	30.01 -0.58 0.00	10.04 -0.50 16.27	26.22 -0.09 0.00	23.88 -0.26 0.00	14.19 -0.71 12.01	24.24 -0.37 0.00	33.76 0.18 0.00	36.60 0.68 0.00	39.65 0.07 0.07	38.92 0.18 0.00	6.00 -0.56 26.96	4.48 -0.66 27.13	29.89 -0.43 0.00
NEG NORTH___LWR_SARANAC 23913	25.53 -0.50 4.40	-20.71 -0.78 52.46	-20.86 -0.74 52.73	-20.96 -0.69 50.17	-20.89 -0.70 50.60	-20.92 -0.65 49.34	-21.03 -0.60 56.86	-21.56 -0.72 64.95	-20.88 -0.80 64.55	-20.99 -0.58 50.19	-8.29 -0.51 40.00	30.01 -0.58 0.00	10.04 -0.50 16.27	26.22 -0.09 0.00	23.88 -0.26 0.00	14.19 -0.71 12.01	24.24 -0.37 0.00	33.76 0.18 0.00	36.60 0.68 0.00	39.65 0.07 0.07	38.92 0.18 0.00	6.00 -0.56 26.96	4.48 -0.66 27.13	29.89 -0.43 0.00
NEG NORTH___PLATTSBURG 23628	25.52 -0.50 4.40	-20.72 -0.79 52.46	-20.88 -0.75 52.73	-20.98 -0.71 50.17	-20.92 -0.72 50.60	-20.95 -0.67 49.34	-21.06 -0.63 56.86	-21.60 -0.76 64.95	-20.94 -0.86 64.55	-21.00 -0.59 50.19	-8.32 -0.54 40.00	30.01 -0.58 0.00	10.04 -0.50 16.27	26.22 -0.09 0.00	23.88 -0.26 0.00	14.19 -0.71 12.01	24.24 -0.37 0.00	33.76 0.18 0.00	36.60 0.68 0.00	39.65 0.07 0.07	38.92 0.18 0.00	6.00 -0.57 26.96	4.48 -0.67 27.13	29.89 -0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	24.05 -2.73 3.64	22.28 -2.84 7.41	22.19 -3.01 7.40	20.03 -2.78 7.10	20.98 -2.60 6.83	23.10 -2.49 3.48	28.13 -3.34 4.96	36.01 -3.89 4.21	34.48 -3.92 6.07	27.33 -2.46 0.00	30.27 -1.94 0.00	29.21 -1.39 0.00	25.52 -1.28 0.00	24.85 -1.47 0.00	22.62 -1.51 0.00	25.24 -1.67 0.00	22.95 -1.66 0.00	26.13 -2.79 4.67	30.01 -3.20 2.72	29.36 -3.63 6.66	27.14 -3.08 8.52	25.80 -2.86 4.86	30.05 -2.23 0.00	28.52 -1.80 0.00
NEG WEST___LANCASTER 23811	26.94 -1.79 1.70	27.32 -1.86 3.36	27.23 -2.02 3.36	24.83 -1.85 3.22	25.57 -1.73 3.10	25.83 -1.66 1.58	32.00 -2.13 2.30	38.15 -2.42 3.53	37.35 -2.47 4.65	28.26 -1.52 0.00	31.25 -0.96 0.00	30.14 -0.46 0.00	26.46 -0.34 0.00	25.78 -0.53 0.00	23.55 -0.59 0.00	26.25 -0.66 0.00	23.88 -0.73 0.00	29.98 -1.49 2.12	32.77 -1.92 1.23	34.07 -2.26 3.31	32.95 -1.93 3.87	29.37 -1.82 2.33	31.06 -1.22 0.00	29.36 -0.96 0.00
NEG_PENN_ALLEGHNY 23528	29.76 -0.63 0.03	31.92 -0.62 0.00	31.95 -0.65 0.00	29.34 -0.56 0.00	29.81 -0.60 0.00	28.49 -0.58 0.00	35.75 -0.61 0.07	41.30 -0.56 2.25	41.21 -0.66 2.61	29.26 -0.53 0.00	31.85 -0.36 0.00	30.43 -0.17 0.00	26.59 -0.22 0.00	26.05 -0.27 0.00	23.92 -0.21 0.00	26.64 -0.26 0.00	24.38 -0.23 0.00	33.31 -0.28 0.00	35.46 -0.46 0.00	38.78 -0.48 0.39	38.22 -0.52 0.00	32.82 -0.53 0.17	31.82 -0.46 0.00	29.86 -0.47 0.00
NEG___GEN_MONROE 24207	28.34 -1.42 0.66	29.81 -1.45 1.28	29.74 -1.58 1.28	27.23 -1.44 1.23	27.91 -1.31 1.18	27.23 -1.23 0.60	33.82 -1.66 0.95	38.71 -1.85 3.54	38.13 -2.00 4.35	28.43 -1.36 0.00	31.27 -0.95 0.00	30.14 -0.46 0.00	26.42 -0.38 0.00	25.80 -0.52 0.00	23.48 -0.66 0.00	26.20 -0.71 0.00	23.86 -0.75 0.00	31.43 -1.34 0.81	33.94 -1.51 0.47	36.42 -1.58 1.64	36.03 -1.23 1.48	31.18 -1.29 1.06	31.29 -0.99 0.00	29.56 -0.76 0.00

NEPA__ENERGY 23901	26.52 -2.25 1.66	26.96 -2.31 3.27	26.91 -2.43 3.26	24.57 -2.20 3.13	25.21 -2.18 3.02	25.72 -1.81 1.53	31.99 -2.20 2.24	38.34 -2.26 3.50	37.58 -2.29 4.60	28.01 -1.77 0.00	30.78 -1.43 0.00	29.59 -1.01 0.00	25.87 -0.93 0.00	25.52 -0.80 0.00	23.47 -0.67 0.00	26.06 -0.85 0.00	23.72 -0.89 0.00	29.84 -1.68 2.06	32.38 -2.34 1.20	33.98 -2.44 3.22	32.64 -2.34 3.76	29.07 -2.18 2.27	30.54 -1.74 0.00	28.74 -1.59 0.00
NEVERSink__HYD 23608	31.82 1.40 0.00	34.01 1.48 0.00	34.09 1.49 0.00	31.28 1.38 0.00	31.74 1.33 0.00	30.46 1.39 0.00	38.42 2.03 0.04	45.42 2.60 1.28	45.51 2.51 1.47	31.31 1.52 0.00	33.79 1.58 0.00	31.94 1.35 0.00	27.97 1.16 0.00	27.53 1.21 0.00	25.20 1.06 0.00	28.23 1.32 0.00	25.87 1.26 0.00	35.46 1.88 0.00	37.93 2.01 0.00	41.77 2.34 0.22	40.78 2.04 0.00	35.12 1.69 0.09	33.78 1.50 0.00	31.59 1.26 0.00
NEWKRMKL_115KV_TB1 55635	31.09 0.67 0.00	33.20 0.66 0.00	33.30 0.70 0.00	30.62 0.71 0.00	31.06 0.65 0.00	29.75 0.69 0.00	37.20 0.81 0.04	43.77 0.91 1.25	44.10 1.04 1.41	30.51 0.73 0.00	32.88 0.67 0.00	31.15 0.55 0.00	27.24 0.43 0.00	26.73 0.42 0.00	24.48 0.34 0.00	27.36 0.45 0.00	25.02 0.41 0.00	34.26 0.67 0.00	36.66 0.74 0.00	40.18 0.75 0.21	39.29 0.55 0.00	34.05 0.62 0.09	32.82 0.54 0.00	30.78 0.45 0.00
NEWTON__FALLS_HYD 23847	29.83 -1.06 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.92 -5.26	41.52 -0.94 -6.02	48.68 -1.22 -5.80	48.71 -1.25 -5.49	34.04 -0.98 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.87 -0.74 0.00	32.60 -0.98 0.00	35.02 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.47 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
NGRID_A1_DSASP 323792	24.63 -2.92 2.88	23.71 -3.00 5.83	23.60 -3.18 5.82	21.39 -2.93 5.58	22.30 -2.73 5.38	23.66 -2.67 2.73	28.83 -3.68 3.92	35.74 -4.34 4.02	34.45 -4.41 5.61	27.03 -2.76 0.00	29.92 -2.29 0.00	28.88 -1.72 0.00	25.27 -1.54 0.00	24.65 -1.66 0.00	22.44 -1.70 0.00	25.03 -1.87 0.00	22.73 -1.88 0.00	26.85 -3.06 3.67	30.31 -3.48 2.14	30.27 -4.02 5.35	28.63 -3.41 6.70	26.47 -3.17 3.88	29.76 -2.52 0.00	28.29 -2.04 0.00
NGRID_A2_DSASP 323793	24.63 -2.92 2.88	23.71 -3.00 5.83	23.60 -3.18 5.82	21.39 -2.93 5.58	22.30 -2.73 5.38	23.66 -2.67 2.73	28.83 -3.68 3.92	35.74 -4.34 4.02	34.45 -4.41 5.61	27.03 -2.76 0.00	29.92 -2.29 0.00	28.88 -1.72 0.00	25.27 -1.54 0.00	24.65 -1.66 0.00	22.44 -1.70 0.00	25.03 -1.87 0.00	22.73 -1.88 0.00	26.85 -3.06 3.67	30.31 -3.48 2.14	30.27 -4.02 5.35	28.63 -3.41 6.70	26.47 -3.17 3.88	29.76 -2.52 0.00	28.29 -2.04 0.00
NGRID_A4_DSASP 323807	24.63 -2.92 2.88	23.71 -3.00 5.83	23.60 -3.18 5.82	21.39 -2.93 5.58	22.30 -2.73 5.38	23.66 -2.67 2.73	28.83 -3.68 3.92	35.74 -4.34 4.02	34.45 -4.41 5.61	27.03 -2.76 0.00	29.92 -2.29 0.00	28.88 -1.72 0.00	25.27 -1.54 0.00	24.65 -1.66 0.00	22.44 -1.70 0.00	25.03 -1.87 0.00	22.73 -1.88 0.00	26.85 -3.06 3.67	30.31 -3.48 2.14	30.27 -4.02 5.35	28.63 -3.41 6.70	26.47 -3.17 3.88	29.76 -2.52 0.00	28.29 -2.04 0.00
NIAGARA_115E_LBMP 323715	24.49 -3.06 2.87	23.54 -3.19 5.81	23.44 -3.36 5.80	21.23 -3.10 5.57	22.15 -2.90 5.36	23.52 -2.82 2.73	28.69 -3.83 3.91	35.58 -4.53 4.00	34.34 -4.55 5.57	26.96 -2.83 0.00	29.83 -2.38 0.00	28.80 -1.80 0.00	25.20 -1.61 0.00	24.55 -1.76 0.00	22.37 -1.77 0.00	24.91 -2.00 0.00	22.66 -1.95 0.00	26.71 -3.21 3.66	30.15 -3.64 2.13	30.14 -4.16 5.34	28.48 -3.58 6.68	26.36 -3.30 3.86	29.68 -2.60 0.00	28.21 -2.11 0.00
NIAGARA_115W_LBMP 323714	24.54 -3.00 2.89	23.58 -3.09 5.87	23.48 -3.27 5.86	21.27 -3.01 5.62	22.18 -2.82 5.41	23.56 -2.76 2.75	28.70 -3.79 3.95	35.61 -4.47 4.02	34.32 -4.53 5.62	26.96 -2.83 0.00	29.84 -2.38 0.00	28.79 -1.80 0.00	25.20 -1.61 0.00	24.58 -1.73 0.00	22.38 -1.76 0.00	24.95 -1.96 0.00	22.66 -1.95 0.00	26.73 -3.16 3.69	30.19 -3.58 2.15	30.12 -4.14 5.39	28.47 -3.53 6.74	26.35 -3.27 3.90	29.68 -2.61 0.00	28.21 -2.11 0.00
NIAGARA_230_LBMP 323716	24.74 -2.69 3.00	23.72 -2.74 6.08	23.61 -2.92 6.07	21.39 -2.69 5.82	22.30 -2.50 5.61	23.76 -2.46 2.85	28.96 -3.39 4.09	36.04 -4.00 4.06	34.69 -4.09 5.69	27.20 -2.59 0.00	30.10 -2.12 0.00	29.04 -1.56 0.00	25.40 -1.40 0.00	24.79 -1.53 0.00	22.58 -1.56 0.00	25.20 -1.71 0.00	22.89 -1.72 0.00	26.95 -2.80 3.83	30.48 -3.21 2.23	30.39 -3.69 5.56	28.64 -3.11 6.99	26.56 -2.93 4.03	29.95 -2.34 0.00	28.43 -1.90 0.00
NIAGARA__115KV_198_GIBSON 55903	24.51 -3.03 2.89	23.51 -3.16 5.87	23.42 -3.33 5.86	21.22 -3.06 5.62	22.12 -2.88 5.41	23.53 -2.79 2.75	28.67 -3.81 3.95	35.58 -4.50 4.02	34.28 -4.57 5.62	26.95 -2.84 0.00	29.82 -2.40 0.00	28.78 -1.82 0.00	25.20 -1.61 0.00	24.58 -1.74 0.00	22.37 -1.77 0.00	24.95 -1.96 0.00	22.66 -1.96 0.00	26.69 -3.20 3.69	30.15 -3.62 2.15	30.05 -4.21 5.39	28.42 -3.58 6.74	26.34 -3.28 3.90	29.67 -2.62 0.00	28.21 -2.12 0.00
NIAGARA____ 23760	24.84 -2.69 2.89	23.93 -2.74 5.86	23.83 -2.92 5.85	21.61 -2.69 5.61	22.50 -2.50 5.40	23.86 -2.46 2.75	29.06 -3.39 3.98	36.07 -4.00 4.03	34.74 -4.09 5.64	27.20 -2.59 0.00	30.10 -2.12 0.00	29.04 -1.56 0.00	25.40 -1.40 0.00	24.79 -1.53 0.00	22.58 -1.56 0.00	25.20 -1.71 0.00	22.89 -1.72 0.00	27.04 -2.80 3.74	30.53 -3.21 2.18	30.50 -3.69 5.46	28.78 -3.11 6.84	26.64 -2.93 3.95	29.95 -2.34 0.00	28.43 -1.90 0.00
NINE_MILE_1 23575	29.38 -1.05 0.00	31.46 -1.08 0.00	31.51 -1.09 0.00	28.93 -0.98 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.75 -1.36 0.32	32.15 -1.71 10.25	30.56 -1.73 12.18	28.65 -1.14 0.00	31.00 -1.21 0.00	29.54 -1.06 0.00	25.91 -0.90 0.00	25.40 -0.92 0.00	23.30 -0.84 0.00	25.99 -0.92 0.00	23.77 -0.84 0.00	32.36 -1.22 0.00	34.58 -1.34 0.00	36.36 -1.47 1.81	37.33 -1.41 0.00	31.49 -1.25 0.78	31.09 -1.19 0.00	29.31 -1.02 0.00
NINE_MILE_2 23744	29.37 -1.06 0.00	31.45 -1.08 0.00	31.51 -1.09 0.00	28.93 -0.98 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.74 -1.36 0.33	32.04 -1.71 10.35	30.43 -1.73 12.30	28.65 -1.14 0.00	31.00 -1.21 0.00	29.54 -1.06 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.30 -0.84 0.00	25.98 -0.92 0.00	23.77 -0.84 0.00	32.35 -1.23 0.00	34.58 -1.34 0.00	36.34 -1.48 1.83	37.32 -1.42 0.00	31.47 -1.26 0.79	31.08 -1.20 0.00	29.31 -1.02 0.00
NM_CAPITAL__DRP 24208	31.13 0.70 0.00	33.24 0.70 0.00	33.33 0.74 0.00	30.65 0.74 0.00	31.09 0.68 0.00	29.79 0.72 0.00	37.23 0.84 0.04	43.80 0.94 1.24	44.14 1.07 1.41	30.53 0.74 0.00	32.91 0.70 0.00	31.17 0.57 0.00	27.25 0.45 0.00	26.74 0.42 0.00	24.47 0.33 0.00	27.37 0.46 0.00	25.02 0.41 0.00	34.23 0.65 0.00	36.63 0.72 0.00	40.16 0.73 0.21	39.27 0.52 0.00	34.03 0.61 0.09	32.82 0.54 0.00	30.79 0.47 0.00

NM_CENTRAL___DRP 24181	29.74 -0.69 0.00	31.83 -0.70 0.00	31.88 -0.72 0.00	29.26 -0.64 0.00	29.77 -0.64 0.00	28.43 -0.64 0.00	35.51 -0.84 0.08	40.60 -0.95 2.56	40.49 -1.00 2.98	29.11 -0.68 0.00	31.52 -0.69 0.00	30.07 -0.53 0.00	26.36 -0.45 0.00	25.82 -0.50 0.00	23.68 -0.46 0.00	26.44 -0.47 0.00	24.19 -0.43 0.00	32.96 -0.62 0.00	35.22 -0.70 0.00	38.40 -0.79 0.44	38.00 -0.74 0.00	32.63 -0.69 0.19	31.61 -0.67 0.00	29.76 -0.56 0.00
NM_FRONTIER___DRP 24179	24.51 -3.03 2.89	23.51 -3.16 5.87	23.42 -3.33 5.86	21.22 -3.06 5.62	22.12 -2.88 5.41	23.53 -2.79 2.75	28.67 -3.81 3.95	35.58 -4.50 4.02	34.28 -4.57 5.62	26.95 -2.84 0.00	29.82 -2.40 0.00	28.78 -1.82 0.00	25.20 -1.61 0.00	24.58 -1.74 0.00	22.37 -1.77 0.00	24.95 -1.96 0.00	22.66 -1.96 0.00	26.69 -3.20 3.69	30.15 -3.62 2.15	30.05 -4.21 5.39	28.42 -3.58 6.74	26.34 -3.28 3.90	29.67 -2.62 0.00	28.21 -2.12 0.00
NM_ST_REGIS___HYD 24053	31.25 -0.31 -1.12	45.53 -0.41 -13.40	45.63 -0.43 -13.47	42.26 -0.46 -12.81	43.01 -0.32 -12.92	41.38 -0.28 -12.60	50.66 -0.27 -14.50	59.56 -0.40 -15.86	59.61 -0.49 -15.62	42.25 -0.33 -12.78	42.03 -0.37 -10.19	30.19 -0.40 0.00	30.58 -0.37 -4.14	26.06 -0.26 0.00	23.91 -0.23 0.00	29.57 -0.40 -3.06	24.27 -0.34 0.00	33.29 -0.29 0.00	35.85 -0.07 0.00	39.37 -0.17 0.10	38.86 0.12 0.00	40.22 -0.11 -6.81	39.11 -0.08 -6.91	30.24 -0.09 0.00
NORTHPORT___1 23551	31.92 1.49 0.00	34.15 1.62 0.00	34.15 1.55 0.00	31.31 1.41 0.00	31.70 1.29 0.00	30.50 1.43 0.00	38.31 1.92 0.04	45.09 2.26 1.27	45.14 2.12 1.45	31.14 1.35 0.00	33.84 1.63 0.00	32.00 1.40 0.00	27.96 1.15 0.00	27.36 1.04 0.00	25.10 0.96 0.00	28.15 1.24 0.00	25.83 1.22 0.00	35.16 1.58 0.00	37.46 1.54 0.00	41.29 1.87 0.22	40.06 1.32 0.00	34.65 1.22 0.09	33.44 1.15 0.00	31.92 0.95 -0.65
NORTHPORT___2 23552	31.92 1.49 0.00	34.15 1.62 0.00	34.15 1.55 0.00	31.31 1.41 0.00	31.70 1.29 0.00	30.50 1.43 0.00	38.31 1.92 0.04	45.09 2.26 1.27	45.14 2.12 1.45	31.14 1.35 0.00	33.84 1.63 0.00	32.00 1.40 0.00	27.96 1.15 0.00	27.36 1.04 0.00	25.10 0.96 0.00	28.15 1.24 0.00	25.83 1.22 0.00	35.16 1.58 0.00	37.46 1.54 0.00	41.29 1.87 0.22	40.06 1.32 0.00	34.65 1.22 0.09	33.44 1.15 0.00	31.92 0.95 -0.65
NORTHPORT___3 23553	31.78 1.35 0.00	33.98 1.45 0.00	33.99 1.39 0.00	31.18 1.28 0.00	31.53 1.12 0.00	30.26 1.19 0.00	38.03 1.64 0.04	44.79 1.97 1.27	44.92 1.90 1.45	30.95 1.16 0.00	33.73 1.52 0.00	31.90 1.31 0.00	27.88 1.08 0.00	27.29 0.97 0.00	25.03 0.90 0.00	28.08 1.18 0.00	25.75 1.14 0.00	35.00 1.42 0.00	37.27 1.35 0.00	41.08 1.65 0.22	39.90 1.16 0.00	34.56 1.14 0.09	33.35 1.07 0.00	31.82 0.87 -0.63
NORTHPORT___4 23650	31.78 1.35 0.00	33.98 1.45 0.00	33.99 1.39 0.00	31.18 1.28 0.00	31.53 1.12 0.00	30.26 1.19 0.00	38.03 1.64 0.04	44.79 1.97 1.27	44.92 1.90 1.45	30.95 1.16 0.00	33.73 1.52 0.00	31.90 1.31 0.00	27.88 1.08 0.00	27.29 0.97 0.00	25.03 0.90 0.00	28.08 1.18 0.00	25.75 1.14 0.00	35.00 1.42 0.00	37.27 1.35 0.00	41.08 1.65 0.22	39.90 1.16 0.00	34.56 1.14 0.09	33.35 1.07 0.00	31.82 0.87 -0.63
NORTHPORT___IC 23718	31.92 1.50 0.00	34.18 1.64 0.00	34.17 1.57 0.00	31.31 1.41 0.00	31.71 1.30 0.00	30.50 1.43 0.00	38.30 1.92 0.04	45.09 2.26 1.27	45.14 2.12 1.45	31.14 1.35 0.00	33.84 1.62 0.00	32.01 1.41 0.00	27.96 1.15 0.00	27.36 1.04 0.00	25.10 0.96 0.00	28.15 1.24 0.00	25.83 1.22 0.00	35.17 1.59 0.00	37.47 1.55 0.00	41.30 1.88 0.22	40.07 1.33 0.00	34.65 1.23 0.09	33.44 1.16 0.00	31.92 0.95 -0.65
NORTH___COUNTRY_ESR 323785	25.25 -0.57 4.61	-23.20 -0.77 54.97	-23.45 -0.81 55.25	-23.47 -0.80 52.57	-23.32 -0.71 53.02	-23.31 -0.67 51.70	-23.98 -0.83 59.58	-25.00 -1.05 68.06	-24.23 -1.04 67.66	-23.40 -0.58 52.61	-10.36 -0.65 41.92	30.03 -0.57 0.00	9.24 -0.51 17.05	26.10 -0.22 0.00	23.80 -0.34 0.00	13.71 -0.60 12.59	24.21 -0.40 0.00	33.48 -0.10 0.00	36.18 0.25 0.00	39.37 -0.20 0.07	38.74 -0.01 0.00	4.69 -0.58 28.25	3.34 -0.51 28.44	29.99 -0.34 0.00
NPX_GEN_1385_PROXY 323591	31.92 1.49 0.00	34.15 1.62 0.00	34.15 1.55 0.00	31.31 1.41 0.00	31.71 1.31 0.00	30.86 1.79 0.00	38.30 1.91 0.04	47.87 1.90 -1.87	45.07 2.06 1.45	31.03 1.24 0.00	33.65 1.44 0.00	31.82 1.22 0.00	27.80 0.99 0.00	27.20 0.88 0.00	24.95 0.81 0.00	27.81 0.90 0.00	25.34 0.73 0.00	34.66 1.08 0.00	36.92 1.00 0.00	30.69 0.98 9.92	34.68 0.45 4.51	33.90 0.48 0.09	32.95 0.67 0.00	31.60 0.62 -0.65
NPX_GEN_CSC 323557	31.96 1.53 0.00	34.33 1.80 0.00	34.33 1.73 0.00	31.48 1.58 0.00	31.90 1.49 0.00	30.72 1.66 0.00	38.89 2.50 0.04	48.74 2.77 -1.87	44.97 1.95 1.45	30.88 1.10 0.00	33.45 1.23 0.00	31.56 0.96 0.00	27.42 0.61 0.00	26.77 0.45 0.00	24.56 0.42 0.00	27.68 0.78 0.00	25.51 0.90 0.00	34.71 1.13 0.00	37.05 1.13 0.00	41.13 1.70 0.22	39.59 0.85 0.00	34.21 0.78 0.09	32.91 0.63 0.00	31.44 0.35 -0.76
NSINS_S___GLNS_FALLS 23858	31.58 1.16 0.00	33.72 1.18 0.00	33.83 1.24 0.00	31.12 1.22 0.00	31.60 1.20 0.00	30.36 1.29 0.00	38.20 1.81 0.04	44.75 1.90 1.26	45.05 2.00 1.42	30.94 1.16 0.00	33.26 1.04 0.00	31.38 0.78 0.00	27.31 0.50 0.00	26.81 0.50 0.00	24.61 0.47 0.00	27.78 0.87 0.00	25.43 0.82 0.00	34.97 1.39 0.00	37.57 1.65 0.00	41.24 1.81 0.21	40.28 1.54 0.00	34.73 1.30 0.09	33.56 1.28 0.00	31.42 1.09 0.00
NUCOR_STEEL___DRP 24197	29.99 -0.47 -0.03	32.18 -0.36 0.00	32.24 -0.36 0.00	29.58 -0.32 0.00	30.10 -0.30 0.00	28.76 -0.31 0.00	36.02 -0.34 0.07	41.41 -0.51 2.19	41.32 -0.62 2.54	29.28 -0.51 0.00	31.72 -0.49 0.00	30.26 -0.34 0.00	26.48 -0.33 0.00	25.90 -0.41 0.00	23.80 -0.34 0.00	26.59 -0.32 0.00	24.39 -0.22 0.00	33.30 -0.27 0.00	35.66 -0.26 0.00	39.00 -0.27 0.38	38.50 -0.24 0.00	32.97 -0.39 0.16	31.89 -0.39 0.00	30.01 -0.32 0.00
NUMBER_THREE_WT_PWR 323818	29.32 -1.33 -0.22	33.72 -1.47 -2.65	33.77 -1.49 -2.67	31.09 -1.35 -2.54	31.83 -1.14 -2.56	30.44 -1.13 -2.50	38.21 -1.05 -2.83	44.46 -1.37 -1.73	44.56 -1.21 -1.30	31.07 -1.04 -2.33	32.84 -1.22 -1.86	29.73 -0.87 0.00	26.63 -0.93 -0.75	25.27 -1.05 0.00	23.47 -0.67 0.00	26.89 -0.57 -0.56	23.82 -0.79 0.00	32.51 -1.07 0.00	34.98 -0.95 0.00	38.45 -0.94 0.25	38.08 -0.67 0.00	34.32 -0.34 -1.14	33.07 -0.47 -1.26	29.31 -1.02 0.00
NYISO_LBMP_REFERENCE 24008	30.43 0.00 0.00	32.54 0.00 0.00	32.60 0.00 0.00	29.90 0.00 0.00	30.41 0.00 0.00	29.06 0.00 0.00	36.43 0.00 0.00	44.11 0.00 0.00	44.47 0.00 0.00	29.79 0.00 0.00	32.21 0.00 0.00	30.60 0.00 0.00	26.81 0.00 0.00	26.31 0.00 0.00	24.14 0.00 0.00	26.91 0.00 0.00	24.61 0.00 0.00	33.58 0.00 0.00	35.92 0.00 0.00	39.64 0.00 0.00	38.74 0.00 0.00	33.52 0.00 0.00	32.28 0.00 0.00	30.33 0.00 0.00

NYPA_BRENTWD____GT 24164	32.17 1.74 0.00	34.41 1.87 0.00	34.40 1.81 0.00	31.54 1.64 0.00	31.94 1.53 0.00	30.73 1.67 0.00	38.71 2.33 0.04	45.65 2.82 1.27	45.64 2.62 1.45	31.46 1.68 0.00	34.15 1.94 0.00	32.17 1.57 0.00	28.07 1.26 0.00	27.45 1.14 0.00	25.19 1.05 0.00	28.30 1.40 0.00	26.04 1.43 0.00	35.54 1.96 0.00	37.92 2.00 0.00	41.88 2.45 0.22	40.59 1.85 0.00	35.06 1.63 0.09	33.78 1.49 0.00	32.44 1.21 -0.90
NYPA_GOWANUS____GT5 24156	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NYPA_GOWANUS____GT6 24157	53.16 1.55 -21.18	52.85 1.63 -18.68	52.82 1.62 -18.60	52.40 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.81 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.95 1.88 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.52 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.09 2.04 -56.47	92.05 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85
NYPA_HARLEM__RVR__GT1 24160	31.66 1.22 -0.01	33.85 1.31 -0.01	33.91 1.31 -0.01	31.11 1.21 -0.01	31.43 1.02 0.00	30.08 1.01 0.00	38.00 1.61 0.04	45.08 2.25 1.27	45.15 2.13 1.46	31.13 1.35 0.00	33.74 1.54 0.01	31.99 1.40 0.01	28.09 1.29 0.01	27.54 1.24 0.01	25.22 1.09 0.01	28.16 1.26 0.01	25.84 1.24 0.01	35.23 1.65 0.01	37.61 1.69 0.01	41.36 1.94 0.23	40.35 1.61 0.01	34.86 1.44 0.10	33.52 1.25 0.01	31.30 0.98 0.01
NYPA_HARLEM__RVR__GT2 24161	31.66 1.22 -0.01	33.85 1.31 -0.01	33.91 1.31 -0.01	31.11 1.21 -0.01	31.43 1.02 0.00	30.08 1.01 0.00	38.00 1.61 0.04	45.08 2.25 1.27	45.15 2.13 1.46	31.13 1.35 0.00	33.74 1.54 0.01	31.99 1.40 0.01	28.09 1.29 0.01	27.54 1.24 0.01	25.22 1.09 0.01	28.16 1.26 0.01	25.84 1.24 0.01	35.23 1.65 0.01	37.61 1.69 0.01	41.36 1.94 0.23	40.35 1.61 0.01	34.86 1.44 0.10	33.52 1.25 0.01	31.30 0.98 0.01
NYPA_KENT____GT 24152	44.65 1.48 -12.75	45.34 1.55 -11.25	45.34 1.55 -11.20	43.97 1.42 -12.65	44.36 1.29 -12.66	44.24 1.33 -13.84	48.03 2.03 -9.58	51.29 2.71 -4.48	56.02 2.58 -8.97	99.15 1.63 -67.73	85.48 1.84 -51.44	85.31 1.68 -53.04	55.35 1.54 -27.01	57.56 1.48 -29.76	58.15 1.31 -32.69	61.21 1.54 -32.77	70.90 1.50 -44.79	77.55 1.99 -41.98	73.62 2.07 -35.63	72.08 2.38 -30.06	71.84 2.04 -31.06	70.95 1.76 -35.67	52.11 1.56 -18.26	50.78 1.28 -19.16
NYPA_POUCH1____GT 24155	53.08 1.48 -21.18	52.79 1.57 -18.68	52.78 1.58 -18.60	52.34 1.43 -21.01	52.75 1.30 -21.04	53.39 1.33 -22.99	54.12 2.03 -15.67	54.92 2.70 -8.11	60.87 2.50 -13.89	58.20 1.53 -26.88	64.48 1.76 -30.51	60.16 1.60 -27.97	57.28 1.48 -28.99	57.27 1.43 -29.53	57.26 1.27 -31.86	56.92 1.48 -28.54	73.74 1.45 -47.68	86.29 1.91 -50.80	91.93 2.02 -53.99	92.11 2.38 -50.09	92.04 2.04 -51.26	91.97 1.77 -56.68	63.99 1.60 -30.12	62.51 1.33 -30.85
NYPA_VERNON____GT2 24162	36.14 1.39 -4.32	37.82 1.47 -3.81	37.85 1.46 -3.80	35.53 1.34 -4.28	35.91 1.21 -4.28	35.00 1.25 -4.69	41.84 1.92 -3.49	47.56 2.61 -0.84	51.01 2.50 -4.04	99.10 1.59 -67.73	82.03 1.80 -48.02	78.59 1.64 -46.35	53.33 1.50 -25.02	57.75 1.44 -30.00	58.95 1.28 -33.53	62.13 1.49 -33.74	61.43 1.46 -35.37	63.00 1.92 -27.49	55.19 1.99 -17.27	51.97 2.29 -10.04	51.53 1.94 -10.85	49.86 1.68 -14.65	40.16 1.48 -6.40	39.00 1.20 -7.48
NYPA_VERNON____GT3 24163	36.14 1.39 -4.32	37.82 1.47 -3.81	37.85 1.46 -3.80	35.53 1.34 -4.28	35.91 1.21 -4.28	35.00 1.25 -4.69	41.84 1.92 -3.49	47.56 2.61 -0.84	51.01 2.50 -4.04	99.10 1.59 -67.73	82.03 1.80 -48.02	78.59 1.64 -46.35	53.33 1.50 -25.02	57.75 1.44 -30.00	58.95 1.28 -33.53	62.13 1.49 -33.74	61.43 1.46 -35.37	63.00 1.92 -27.49	55.19 1.99 -17.27	51.97 2.29 -10.04	51.53 1.94 -10.85	49.86 1.68 -14.65	40.16 1.48 -6.40	39.00 1.20 -7.48
NYPA__ASTORIA_CC1 323568	31.80 1.37 -0.01	33.98 1.44 -0.01	34.03 1.43 -0.01	31.21 1.31 -0.01	31.59 1.18 0.00	30.29 1.22 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.19 1.76 -37.22	66.73 1.61 -34.53	47.59 1.47 -19.31	51.95 1.40 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.62 1.88 -16.16	44.21 1.94 -6.35	41.66 2.22 0.20	41.05 1.89 -0.42	38.29 1.64 -3.13	34.17 1.45 -0.45	33.09 1.16 -1.59
NYPA__ASTORIA_CC2 323569	31.80 1.37 -0.01	33.98 1.44 -0.01	34.03 1.43 -0.01	31.21 1.31 -0.01	31.59 1.18 0.00	30.29 1.22 0.00	38.61 1.89 -0.29	45.60 2.56 1.06	47.87 2.45 -0.94	85.83 1.56 -54.48	71.19 1.76 -37.22	66.73 1.61 -34.53	47.59 1.47 -19.31	51.95 1.40 -24.23	52.71 1.25 -27.32	55.90 1.46 -27.54	50.61 1.42 -24.57	51.62 1.88 -16.16	44.21 1.94 -6.35	41.66 2.22 0.20	41.05 1.89 -0.42	38.29 1.64 -3.13	34.17 1.45 -0.45	33.09 1.16 -1.59
NYPA__HOLTSVILL 23794	31.97 1.54 0.00	34.23 1.69 0.00	34.22 1.62 0.00	31.39 1.49 0.00	31.80 1.38 0.00	30.58 1.52 0.00	38.53 2.15 0.04	45.38 2.55 1.27	45.22 2.20 1.45	31.20 1.41 0.00	33.84 1.62 0.00	31.96 1.36 0.00	27.87 1.06 0.00	27.24 0.92 0.00	24.99 0.86 0.00	28.10 1.19 0.00	25.84 1.23 0.00	35.16 1.58 0.00	37.51 1.59 0.00	41.46 2.04 0.22	40.13 1.39 0.00	34.68 1.25 0.09	33.40 1.12 0.00	31.92 0.85 -0.75
NYPA____HELLGATE_GT1 24158	31.66 1.22 -0.01	33.85 1.31 -0.01	33.91 1.31 -0.01	31.11 1.21 -0.01	31.43 1.02 0.00	30.08 1.01 0.00	38.00 1.61 0.03	45.08 2.25 1.27	45.15 2.13 1.46	31.13 1.35 0.00	33.74 1.54 0.01	31.99 1.40 0.01	28.09 1.29 0.01	27.54 1.24 0.01	25.22 1.09 0.01	28.16 1.26 0.01	25.84 1.24 0.01	35.23 1.65 0.01	37.61 1.69 0.01	41.36 1.94 0.23	40.35 1.61 0.01	34.86 1.44 0.10	33.52 1.25 0.01	31.30 0.98 0.01
NYPA____HELLGATE_GT2 24159	31.66 1.22 -0.01	33.85 1.31 -0.01	33.91 1.31 -0.01	31.11 1.21 -0.01	31.43 1.02 0.00	30.08 1.01 0.00	38.00 1.61 0.03	45.08 2.25 1.27	45.15 2.13 1.46	31.13 1.35 0.00	33.74 1.54 0.01	31.99 1.40 0.01	28.09 1.29 0.01	27.54 1.24 0.01	25.22 1.09 0.01	28.16 1.26 0.01	25.84 1.24 0.01	35.23 1.65 0.01	37.61 1.69 0.01	41.36 1.94 0.23	40.35 1.61 0.01	34.86 1.44 0.10	33.52 1.25 0.01	31.30 0.98 0.01
NYS_BARGE__HYD 23848	24.70 -2.68 3.06	23.59 -2.75 6.20	23.49 -2.92 6.19	21.26 -2.71 5.94	22.17 -2.52 5.72	23.73 -2.43 2.91	28.98 -3.29 4.16	36.21 -3.83 4.06	34.92 -3.85 5.71	27.39 -2.40 0.00	30.33 -1.88 0.00	29.27 -1.33 0.00	25.58 -1.23 0.00	24.92 -1.40 0.00	22.67 -1.47 0.00	25.27 -1.64 0.00	22.98 -1.64 0.00	26.95 -2.73 3.90	30.52 -3.13 2.27	30.47 -3.51 5.66	28.64 -2.98 7.13	26.61 -2.80 4.11	30.12 -2.16 0.00	28.59 -1.74 0.00

OAK ORCHARD___HYD 24046	28.90 -1.48 0.04	31.05 -1.49 0.00	31.00 -1.60 0.00	28.43 -1.47 0.00	29.06 -1.34 0.00	27.75 -1.32 0.00	34.54 -1.78 0.11	38.69 -2.04 3.38	38.36 -2.15 3.96	28.34 -1.45 0.00	31.13 -1.08 0.00	29.94 -0.66 0.00	26.24 -0.57 0.00	25.64 -0.68 0.00	23.41 -0.73 0.00	26.12 -0.78 0.00	23.81 -0.80 0.00	32.21 -1.37 0.00	34.37 -1.55 0.00	37.33 -1.72 0.59	37.34 -1.40 0.00	31.83 -1.43 0.25	31.12 -1.16 0.00	29.40 -0.93 0.00
OAKDALE___35_KV_LOAD 356122	29.73 -0.65 0.04	31.90 -0.64 0.00	31.95 -0.65 0.00	29.33 -0.56 0.00	29.80 -0.61 0.00	28.48 -0.59 0.00	35.71 -0.65 0.07	41.23 -0.61 2.26	41.14 -0.71 2.62	29.25 -0.54 0.00	31.83 -0.39 0.00	30.40 -0.20 0.00	26.57 -0.24 0.00	26.04 -0.28 0.00	23.92 -0.22 0.00	26.63 -0.27 0.00	24.36 -0.24 0.00	33.26 -0.32 0.00	35.41 -0.52 0.00	38.75 -0.51 0.39	38.19 -0.55 0.00	32.79 -0.56 0.17	31.81 -0.47 0.00	29.84 -0.49 0.00
OCC_CHEM___DRP 24175	24.61 -2.94 2.88	23.64 -3.07 5.83	23.55 -3.23 5.82	21.34 -2.98 5.58	22.24 -2.80 5.38	23.63 -2.70 2.73	28.80 -3.71 3.92	35.71 -4.38 4.02	34.41 -4.45 5.61	27.03 -2.76 0.00	29.89 -2.32 0.00	28.86 -1.74 0.00	25.26 -1.54 0.00	24.64 -1.67 0.00	22.44 -1.70 0.00	25.02 -1.88 0.00	22.73 -1.88 0.00	26.81 -3.10 3.67	30.28 -3.51 2.14	30.20 -4.09 5.35	28.58 -3.47 6.70	26.46 -3.18 3.88	29.75 -2.53 0.00	28.29 -2.04 0.00
OH_GEN_PROXY 24063	25.14 -2.63 2.66	24.47 -2.68 5.39	24.38 -2.85 5.38	22.12 -2.63 5.16	23.00 -2.44 4.97	24.14 -2.40 2.53	29.51 -3.29 3.63	39.42 -3.87 0.82	35.04 -3.96 5.47	27.27 -2.52 0.00	30.17 -2.04 0.00	29.10 -1.50 0.00	25.47 -1.34 0.00	24.85 -1.46 0.00	22.65 -1.49 0.00	25.27 -1.64 0.00	22.95 -1.66 0.00	27.50 -2.69 3.39	30.85 -3.10 1.97	31.08 -3.56 4.99	29.54 -3.01 6.19	27.08 -2.84 3.60	30.02 -2.26 0.00	28.49 -1.84 0.00
OLIN_CORP_DRP 24177	24.59 -3.02 2.81	23.68 -3.16 5.70	23.57 -3.34 5.68	21.38 -3.06 5.45	22.27 -2.89 5.25	23.62 -2.78 2.67	28.83 -3.77 3.83	35.68 -4.44 3.98	34.46 -4.48 5.53	27.01 -2.78 0.00	29.87 -2.34 0.00	28.84 -1.76 0.00	25.24 -1.56 0.00	24.61 -1.71 0.00	22.41 -1.73 0.00	24.97 -1.94 0.00	22.71 -1.90 0.00	26.84 -3.16 3.59	30.26 -3.58 2.09	30.26 -4.14 5.24	28.67 -3.52 6.55	26.51 -3.22 3.79	29.74 -2.54 0.00	28.28 -2.05 0.00
OLIN_CORP_DSASP 323712	24.63 -2.92 2.88	23.71 -3.00 5.83	23.60 -3.18 5.82	21.39 -2.93 5.58	22.30 -2.73 5.38	23.66 -2.67 2.73	28.83 -3.68 3.92	35.74 -4.34 4.02	34.45 -4.41 5.61	27.03 -2.76 0.00	29.92 -2.29 0.00	28.88 -1.72 0.00	25.27 -1.54 0.00	24.65 -1.66 0.00	22.44 -1.70 0.00	25.03 -1.87 0.00	22.73 -1.88 0.00	26.85 -3.06 3.67	30.31 -3.48 2.14	30.27 -4.02 5.35	28.63 -3.41 6.70	26.47 -3.17 3.88	29.76 -2.52 0.00	28.29 -2.04 0.00
ONEIDA_HERK_LFGE 323681	30.24 -0.31 -0.12	33.62 -0.34 -1.42	33.68 -0.35 -1.43	30.96 -0.30 -1.36	31.56 -0.23 -1.37	30.21 -0.19 -1.34	37.92 0.00 -1.49	44.12 -0.04 -0.06	44.10 0.04 0.42	30.81 -0.09 -1.11	32.95 -0.15 -0.89	30.51 -0.09 0.00	27.01 -0.16 -0.36	26.10 -0.21 0.00	24.07 -0.07 0.00	27.18 0.00 -0.27	24.51 -0.10 0.00	33.59 0.00 0.00	36.05 0.12 0.00	39.56 0.19 0.27	39.03 0.29 0.00	34.40 0.40 -0.48	33.18 0.30 -0.60	30.24 -0.08 0.00
ONEIDA___115KV_TB4 55905	30.55 0.12 0.00	32.67 0.13 0.00	32.72 0.12 0.00	30.04 0.14 0.00	30.55 0.14 0.00	29.26 0.19 0.00	36.79 0.43 0.06	42.69 0.56 1.98	42.74 0.55 2.28	30.07 0.29 0.00	32.50 0.29 0.00	30.83 0.23 0.00	26.94 0.14 0.00	26.43 0.11 0.00	24.24 0.10 0.00	27.06 0.15 0.00	24.75 0.14 0.00	34.03 0.45 0.00	36.52 0.60 0.00	39.97 0.66 0.34	39.42 0.68 0.00	33.99 0.62 0.15	32.74 0.45 0.00	30.64 0.31 0.00
ONONDAGA_REF_OCCRA 23987	29.91 -0.54 -0.02	32.00 -0.53 0.00	32.05 -0.55 0.00	29.42 -0.48 0.00	29.93 -0.48 0.00	28.58 -0.49 0.00	35.75 -0.60 0.08	41.03 -0.65 2.43	40.93 -0.72 2.83	29.28 -0.50 0.00	31.67 -0.54 0.00	30.21 -0.39 0.00	26.46 -0.34 0.00	25.92 -0.40 0.00	23.78 -0.36 0.00	26.56 -0.35 0.00	24.31 -0.30 0.00	33.18 -0.40 0.00	35.45 -0.47 0.00	38.71 -0.51 0.42	38.26 -0.48 0.00	32.86 -0.47 0.18	31.80 -0.48 0.00	29.92 -0.41 0.00
ONONDAGA___COGEN 23986	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
ONTARIO___LFGE 23819	31.03 -1.10 -1.70	35.17 -1.06 -3.70	35.17 -1.12 -3.69	32.43 -1.01 -3.54	32.85 -0.97 -3.41	29.88 -0.92 -1.73	37.76 -1.00 -2.33	40.79 -1.20 2.32	41.13 -1.20 2.14	28.85 -0.94 0.00	31.50 -0.71 0.00	30.14 -0.46 0.00	26.28 -0.52 0.00	25.79 -0.52 0.00	23.72 -0.41 0.00	26.50 -0.40 0.00	24.28 -0.32 0.00	35.41 -0.50 -2.33	36.58 -0.69 -1.35	41.42 -0.77 -2.55	42.20 -0.78 -4.25	34.76 -0.85 -2.09	31.54 -0.74 0.00	29.63 -0.70 0.00
ORANGEVILLE_WT_PWR 323706	7.20 -3.39 19.84	-11.72 -3.40 40.86	-11.72 -3.53 40.79	-12.44 -3.21 39.13	-10.49 -3.22 37.68	6.75 -3.15 19.16	5.89 -3.69 26.85	31.84 -3.91 8.36	24.43 -3.99 16.05	27.17 -2.62 0.00	30.32 -1.90 0.00	29.16 -1.44 0.00	25.08 -1.71 0.02	24.18 -2.13 0.00	22.34 -1.80 0.00	25.01 -1.89 0.00	22.80 -1.81 0.00	5.03 -2.85 25.71	17.47 -3.48 14.97	1.77 -3.77 34.10	-11.99 -3.77 46.96	4.40 -3.44 25.67	29.37 -2.91 0.00	27.67 -2.66 0.00
ORANGEVILLE___ESR 323794	7.20 -3.39 19.84	-11.72 -3.40 40.86	-11.72 -3.53 40.79	-12.44 -3.21 39.13	-10.49 -3.22 37.68	6.75 -3.15 19.16	5.89 -3.69 26.85	31.84 -3.91 8.36	24.43 -3.99 16.05	27.17 -2.62 0.00	30.32 -1.90 0.00	29.16 -1.44 0.00	25.08 -1.71 0.02	24.18 -2.13 0.00	22.34 -1.80 0.00	25.01 -1.89 0.00	22.80 -1.81 0.00	5.03 -2.85 25.71	17.47 -3.48 14.97	1.77 -3.77 34.10	-11.99 -3.77 46.96	4.40 -3.44 25.67	29.37 -2.91 0.00	27.67 -2.66 0.00
OSWEGATCHIE___HYD 24044	29.83 -1.07 -0.47	36.94 -1.19 -5.59	37.01 -1.21 -5.62	34.11 -1.14 -5.35	34.82 -0.98 -5.39	33.40 -0.93 -5.26	41.52 -0.94 -6.02	48.68 -1.23 -5.80	48.71 -1.25 -5.49	34.04 -0.97 -5.22	35.27 -1.10 -4.16	29.63 -0.97 0.00	27.57 -0.93 -1.69	25.37 -0.95 0.00	23.48 -0.66 0.00	27.46 -0.70 -1.25	23.86 -0.75 0.00	32.59 -0.99 0.00	35.03 -0.90 0.00	38.51 -0.95 0.18	38.13 -0.61 0.00	35.78 -0.46 -2.73	34.54 -0.56 -2.82	29.52 -0.81 0.00
OSWEGO___5 23606	29.52 -0.91 0.00	31.62 -0.92 0.00	31.67 -0.93 0.00	29.06 -0.84 0.00	29.56 -0.85 0.00	28.21 -0.85 0.00	35.33 -1.14 -0.04	44.13 -1.31 -1.34	44.80 -1.34 -1.67	28.89 -0.90 0.00	31.27 -0.94 0.00	29.81 -0.79 0.00	26.13 -0.68 0.00	25.61 -0.71 0.00	23.50 -0.64 0.00	26.22 -0.69 0.00	23.98 -0.63 0.00	32.66 -0.92 0.00	34.91 -1.02 0.00	38.78 -1.12 -0.25	37.67 -1.06 0.00	32.67 -0.96 -0.11	31.37 -0.91 0.00	29.55 -0.78 0.00

OSWEGO___6 23613	29.52 -0.91 0.00	31.62 -0.92 0.00	31.67 -0.93 0.00	29.06 -0.84 0.00	29.56 -0.85 0.00	28.21 -0.85 0.00	35.33 -1.14 -0.04	44.13 -1.31 -1.34	44.80 -1.34 -1.67	28.89 -0.90 0.00	31.27 -0.94 0.00	29.81 -0.79 0.00	26.13 -0.68 0.00	25.61 -0.71 0.00	23.50 -0.64 0.00	26.22 -0.69 0.00	23.98 -0.63 0.00	32.66 -0.92 0.00	34.91 -1.02 0.00	38.78 -1.12 -0.25	37.67 -1.06 0.00	32.67 -0.96 -0.11	31.37 -0.91 0.00	29.55 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	25.30 -2.39 2.74	24.53 -2.46 5.54	24.41 -2.66 5.53	22.13 -2.46 5.31	23.02 -2.28 5.11	24.29 -2.17 2.60	29.76 -2.94 3.73	36.80 -3.37 3.94	35.85 -3.17 5.45	27.82 -1.97 0.00	30.79 -1.42 0.00	29.70 -0.90 0.00	25.98 -0.83 0.00	25.35 -0.97 0.00	23.01 -1.13 0.00	25.63 -1.28 0.00	23.27 -1.34 0.00	27.75 -2.34 3.49	31.18 -2.71 2.03	31.39 -3.13 5.12	29.77 -2.59 6.37	27.36 -2.46 3.69	30.45 -1.84 0.00	28.89 -1.44 0.00
OXBOW___BTM 323836	24.94 -2.67 2.81	24.11 -2.75 5.69	24.01 -2.92 5.67	21.74 -2.71 5.44	22.65 -2.52 5.24	23.95 -2.45 2.67	29.26 -3.35 3.83	36.34 -3.81 3.95	35.84 -3.18 5.45	27.87 -1.92 0.00	30.87 -1.35 0.00	29.76 -0.84 0.00	26.02 -0.79 0.00	25.39 -0.93 0.00	22.85 -1.29 0.00	25.30 -1.60 0.00	22.98 -1.64 0.00	27.28 -2.73 3.58	30.72 -3.12 2.08	30.82 -3.59 5.23	29.19 -3.01 6.54	26.89 -2.85 3.78	30.06 -2.22 0.00	28.55 -1.78 0.00
OXBOW____ 24026	24.92 -2.70 2.81	24.04 -2.81 5.69	23.93 -2.99 5.67	21.70 -2.76 5.44	22.60 -2.57 5.24	23.93 -2.47 2.67	29.24 -3.37 3.83	36.33 -3.83 3.95	35.81 -3.21 5.45	27.86 -1.92 0.00	30.85 -1.36 0.00	29.74 -0.86 0.00	26.01 -0.79 0.00	25.38 -0.93 0.00	22.85 -1.29 0.00	25.30 -1.61 0.00	22.97 -1.64 0.00	27.25 -2.76 3.58	30.69 -3.15 2.08	30.75 -3.65 5.23	29.14 -3.07 6.54	26.88 -2.86 3.78	30.05 -2.23 0.00	28.55 -1.78 0.00
OXY_CHEM_DSASP 323612	24.61 -2.94 2.88	23.64 -3.07 5.83	23.55 -3.23 5.82	21.34 -2.98 5.58	22.24 -2.80 5.38	23.63 -2.70 2.73	28.80 -3.71 3.92	35.71 -4.38 4.02	34.41 -4.45 5.61	27.03 -2.76 0.00	29.89 -2.32 0.00	28.86 -1.74 0.00	25.26 -1.54 0.00	24.64 -1.67 0.00	22.44 -1.70 0.00	25.02 -1.88 0.00	22.73 -1.88 0.00	26.81 -3.10 3.67	30.28 -3.51 2.14	30.20 -4.09 5.35	28.58 -3.47 6.70	26.46 -3.18 3.88	29.75 -2.53 0.00	28.29 -2.04 0.00
OZONE_PARK_ESR 323760	31.92 1.50 0.00	34.12 1.58 0.00	34.15 1.55 0.00	31.33 1.43 0.00	31.72 1.31 0.00	30.42 1.35 0.00	38.47 2.08 0.04	45.63 2.80 1.27	45.72 2.70 1.45	31.49 1.71 0.00	34.13 1.92 0.00	32.38 1.78 0.00	28.43 1.62 0.00	27.87 1.56 0.00	25.53 1.39 0.00	28.52 1.61 0.00	26.18 1.57 0.00	35.67 2.09 0.00	38.08 2.16 0.00	41.96 2.53 0.22	40.91 2.17 0.00	35.25 1.83 0.09	33.90 1.62 0.00	31.62 1.30 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.61 -2.94 2.88	23.64 -3.07 5.83	23.55 -3.23 5.82	21.34 -2.98 5.58	22.24 -2.80 5.38	23.63 -2.70 2.73	28.80 -3.71 3.92	35.71 -4.38 4.02	34.41 -4.45 5.61	27.03 -2.76 0.00	29.89 -2.32 0.00	28.86 -1.74 0.00	25.26 -1.54 0.00	24.64 -1.67 0.00	22.44 -1.70 0.00	25.02 -1.88 0.00	22.73 -1.88 0.00	26.81 -3.10 3.67	30.28 -3.51 2.14	30.20 -4.09 5.35	28.58 -3.47 6.70	26.46 -3.18 3.88	29.75 -2.53 0.00	28.29 -2.04 0.00
PACKARD__115KV_DUPONT_184 80571	24.61 -2.94 2.88	23.64 -3.07 5.83	23.55 -3.23 5.82	21.34 -2.98 5.58	22.24 -2.80 5.38	23.63 -2.70 2.73	28.80 -3.71 3.92	35.71 -4.38 4.02	34.41 -4.45 5.61	27.03 -2.76 0.00	29.89 -2.32 0.00	28.86 -1.74 0.00	25.26 -1.54 0.00	24.64 -1.67 0.00	22.44 -1.70 0.00	25.02 -1.88 0.00	22.73 -1.88 0.00	26.81 -3.10 3.67	30.28 -3.51 2.14	30.20 -4.09 5.35	28.58 -3.47 6.70	26.46 -3.18 3.88	29.75 -2.53 0.00	28.29 -2.04 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.67 1.24 -0.01	33.88 1.34 -0.01	33.94 1.33 -0.01	31.13 1.22 -0.01	31.47 1.06 0.00	30.16 1.09 0.00	38.09 1.69 0.03	45.16 2.33 1.27	45.23 2.22 1.46	31.18 1.39 0.00	33.78 1.57 0.01	32.03 1.44 0.01	28.12 1.32 0.01	27.56 1.25 0.01	25.24 1.11 0.01	28.20 1.30 0.01	25.89 1.28 0.01	35.27 1.70 0.01	37.67 1.75 0.01	41.44 2.02 0.22	40.42 1.68 0.00	34.88 1.46 0.10	33.55 1.27 0.00	31.32 0.99 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.79 1.36 -0.01	34.11 1.56 -0.01	34.22 1.61 -0.01	31.42 1.51 -0.01	31.76 1.35 0.00	30.42 1.35 0.00	38.50 2.11 0.03	45.50 2.67 1.27	45.51 2.49 1.46	31.30 1.51 0.00	33.85 1.64 0.01	32.12 1.53 0.01	28.17 1.37 0.01	27.59 1.28 0.01	25.26 1.13 0.01	28.22 1.32 0.01	25.92 1.32 0.01	35.35 1.77 0.01	37.75 1.83 0.01	41.54 2.12 0.22	40.53 1.79 0.00	34.96 1.54 0.10	33.66 1.38 0.00	31.44 1.12 0.01
PATROON__115KV_TB1 80586	31.16 0.74 0.00	33.26 0.73 0.00	33.36 0.76 0.00	30.67 0.78 0.00	31.12 0.71 0.00	29.82 0.75 0.00	37.29 0.90 0.04	43.89 1.03 1.25	44.23 1.16 1.41	30.59 0.80 0.00	32.97 0.75 0.00	31.22 0.62 0.00	27.30 0.49 0.00	26.79 0.48 0.00	24.53 0.40 0.00	27.43 0.53 0.00	25.09 0.48 0.00	34.34 0.76 0.00	36.75 0.83 0.00	40.28 0.85 0.21	39.39 0.65 0.00	34.13 0.70 0.09	32.90 0.62 0.00	30.84 0.51 0.00
PATTRSNVILLE___SOLAR 323815	31.17 0.75 0.00	33.33 0.79 0.00	33.42 0.82 0.00	30.67 0.78 0.00	31.17 0.76 0.00	29.83 0.76 0.00	37.44 1.05 0.04	44.09 1.26 1.28	44.26 1.24 1.45	30.44 0.65 0.00	32.80 0.58 0.00	30.94 0.34 0.00	26.99 0.19 0.00	26.58 0.27 0.00	24.50 0.36 0.00	27.29 0.38 0.00	24.92 0.30 0.00	34.31 0.73 0.00	36.89 0.97 0.00	40.60 1.17 0.22	39.82 1.08 0.00	34.38 0.95 0.09	33.17 0.89 0.00	31.09 0.77 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.55 -1.86 2.02	26.57 -1.94 4.03	26.47 -2.11 4.03	24.09 -1.95 3.86	24.89 -1.80 3.72	25.46 -1.71 1.89	31.46 -2.23 2.74	37.92 -2.52 3.66	37.01 -2.56 4.91	28.22 -1.57 0.00	31.22 -0.99 0.00	30.11 -0.49 0.00	26.40 -0.40 0.00	25.75 -0.56 0.00	23.51 -0.63 0.00	26.21 -0.70 0.00	23.83 -0.78 0.00	29.48 -1.56 2.54	32.47 -1.98 1.48	33.46 -2.32 3.86	32.18 -1.92 4.63	28.92 -1.85 2.75	31.03 -1.25 0.00	29.35 -0.98 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.77 1.34 0.00	33.95 1.42 0.00	34.00 1.40 0.00	31.20 1.30 0.00	31.62 1.21 0.00	30.33 1.26 0.00	38.27 1.88 0.04	45.30 2.47 1.27	45.44 2.42 1.45	31.31 1.53 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.17 1.36 0.00	27.61 1.30 0.00	25.29 1.15 0.00	28.29 1.38 0.00	25.94 1.33 0.00	35.39 1.81 0.00	37.83 1.91 0.00	41.67 2.24 0.22	40.65 1.91 0.00	35.04 1.61 0.09	33.71 1.43 0.00	31.48 1.16 0.00
PEEKSKILL____ 23653	31.37 0.94 0.00	33.53 0.99 0.00	33.58 0.98 0.00	30.82 0.92 0.00	31.21 0.80 0.00	29.92 0.86 0.00	37.77 1.38 0.04	44.68 1.85 1.28	44.76 1.74 1.46	30.85 1.06 0.00	33.40 1.19 0.00	31.66 1.06 0.00	27.78 0.97 0.00	27.25 0.93 0.00	24.97 0.83 0.00	27.92 1.02 0.00	25.61 1.00 0.00	34.91 1.33 0.00	37.30 1.37 0.00	41.09 1.67 0.22	40.08 1.34 0.00	34.56 1.13 0.09	33.25 0.97 0.00	31.07 0.74 0.00

PGE MADISON___WINDPWR 24146	31.28 0.09 -0.76	34.05 0.15 -1.36	34.07 0.11 -1.36	31.40 0.19 -1.31	31.86 0.19 -1.26	30.06 0.36 -0.64	38.04 0.79 -0.82	43.33 1.22 1.99	43.08 0.71 2.10	29.81 0.03 0.00	32.32 0.11 0.00	30.94 0.35 0.00	26.29 -0.51 0.00	25.30 -1.02 0.00	23.82 -0.32 0.00	26.94 0.03 0.00	24.45 -0.16 0.00	35.08 0.65 -0.86	37.65 1.23 -0.50	42.02 1.64 -0.74	41.54 1.23 -1.56	35.20 0.99 -0.69	33.63 1.35 0.00	30.62 0.30 0.00
PIERCEFIELD___HYD 23852	30.78 -0.32 -0.67	40.18 -0.40 -8.05	40.26 -0.42 -8.09	37.15 -0.45 -7.69	37.85 -0.32 -7.76	36.35 -0.28 -7.57	44.86 -0.27 -8.70	52.89 -0.43 -9.22	52.96 -0.51 -8.99	37.07 -0.35 -7.63	37.87 -0.42 -6.08	30.14 -0.46 0.00	28.87 -0.41 -2.47	25.96 -0.35 0.00	23.88 -0.26 0.00	28.34 -0.39 -1.83	24.25 -0.36 0.00	33.18 -0.41 0.00	35.64 -0.28 0.00	39.21 -0.32 0.11	38.72 -0.02 0.00	37.45 -0.12 -4.05	36.32 -0.09 -4.13	30.20 -0.13 0.00
PINELAWN_CC_1 323563	31.99 1.57 0.00	34.21 1.67 0.00	34.21 1.61 0.00	31.35 1.45 0.00	31.74 1.33 0.00	30.50 1.44 0.00	38.42 2.04 0.04	45.35 2.52 1.27	45.37 2.35 1.45	31.29 1.50 0.00	33.97 1.76 0.00	32.09 1.49 0.00	28.02 1.21 0.00	27.42 1.11 0.00	25.17 1.03 0.00	28.26 1.36 0.00	25.98 1.37 0.00	35.39 1.81 0.00	37.77 1.85 0.00	41.65 2.23 0.22	40.44 1.70 0.00	34.93 1.51 0.09	33.68 1.40 0.00	33.06 1.13 -1.60
PJM_GEN_HTP_PROXY 323702	31.64 1.21 0.00	33.80 1.26 0.00	33.84 1.24 0.00	31.06 1.15 0.00	31.44 1.03 0.00	30.14 1.08 0.00	37.19 1.72 0.96	45.15 2.32 1.27	45.21 2.19 1.45	31.17 1.38 0.00	33.79 1.58 0.00	32.03 1.43 0.00	28.13 1.32 0.00	27.58 1.27 0.00	24.94 1.13 0.33	27.79 1.32 0.45	25.90 1.29 0.00	35.29 1.71 0.00	37.68 1.76 0.00	41.49 2.06 0.22	40.45 1.71 0.00	34.87 1.44 0.09	33.54 1.26 0.00	31.32 0.99 0.00
PJM_GEN_KEystone 24065	29.56 -0.58 0.28	31.96 -0.58 0.00	31.98 -0.62 0.00	29.34 -0.56 0.00	29.78 -0.63 0.00	28.51 -0.56 0.00	34.90 -0.55 0.98	41.83 -0.42 1.86	41.54 -0.57 2.36	29.32 -0.46 0.00	32.00 -0.21 0.00	30.56 -0.04 0.00	26.80 0.00 0.00	26.27 -0.04 0.00	23.74 -0.07 0.33	26.40 -0.06 0.45	24.54 -0.07 0.00	33.34 -0.24 0.00	35.45 -0.47 0.00	38.90 -0.39 0.35	38.24 -0.50 0.00	32.83 -0.54 0.15	31.87 -0.41 0.00	29.89 -0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.72 1.29 0.00	33.91 1.37 0.00	33.92 1.32 0.00	31.11 1.21 0.00	31.49 1.08 0.00	30.23 1.16 0.00	37.15 1.67 0.96	44.93 2.10 1.27	45.00 1.97 1.45	31.06 1.27 0.00	33.71 1.49 0.00	31.89 1.29 0.00	27.90 1.10 0.00	27.33 1.02 0.00	24.75 0.94 0.33	27.65 1.19 0.45	25.80 1.18 0.00	35.14 1.56 0.00	37.49 1.57 0.00	41.31 1.89 0.22	40.17 1.43 0.00	34.71 1.28 0.09	33.44 1.16 0.00	31.25 0.92 0.00
PJM_GEN_VFT_PROXY 323633	31.45 1.02 0.00	33.61 1.07 0.00	33.66 1.06 0.00	30.88 0.98 0.00	31.26 0.85 0.00	29.98 0.91 0.00	36.99 1.52 0.96	44.92 2.09 1.27	44.96 1.94 1.45	31.00 1.21 0.00	33.58 1.37 0.00	31.83 1.23 0.00	27.98 1.17 0.00	27.43 1.11 0.00	24.81 0.99 0.33	27.64 1.17 0.45	25.78 1.17 0.00	35.11 1.52 0.00	37.48 1.56 0.00	41.28 1.86 0.22	40.25 1.51 0.00	34.69 1.26 0.09	33.35 1.07 0.00	31.13 0.81 0.00
PLATSBURG_115KV_PMLD1 355749	25.44 -0.63 4.36	-20.38 -0.93 51.99	-20.50 -0.85 52.25	-20.61 -0.79 49.72	-20.57 -0.83 50.15	-20.62 -0.78 48.90	-20.68 -0.76 56.35	-21.19 -0.93 64.36	-20.49 -1.00 63.97	-20.63 -0.67 49.74	-8.00 -0.58 39.64	29.93 -0.66 0.00	10.11 -0.58 16.12	26.19 -0.13 0.00	23.85 -0.28 0.00	14.23 -0.78 11.91	24.15 -0.46 0.00	33.72 0.13 0.00	36.57 0.65 0.00	39.52 -0.06 0.07	38.73 -0.01 0.00	6.06 -0.74 26.71	4.49 -0.90 26.89	29.70 -0.63 0.00
PLEASANTVLY___LBMP 24000	31.43 1.00 0.00	33.60 1.06 0.00	33.66 1.06 0.00	30.88 0.98 0.00	31.29 0.88 0.00	29.98 0.91 0.00	37.74 1.35 0.04	44.57 1.74 1.27	44.74 1.72 1.45	30.87 1.09 0.00	33.40 1.19 0.00	31.67 1.07 0.00	27.78 0.97 0.00	27.24 0.93 0.00	24.95 0.81 0.00	27.89 0.98 0.00	25.56 0.95 0.00	34.85 1.26 0.00	37.24 1.32 0.00	40.98 1.55 0.22	39.98 1.24 0.00	34.50 1.08 0.09	33.24 0.96 0.00	31.09 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.59 1.16 0.00	33.77 1.23 0.00	33.81 1.21 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.13 1.06 0.00	37.99 1.60 0.04	44.95 2.12 1.27	45.09 2.07 1.45	31.10 1.31 0.00	33.67 1.45 0.00	31.92 1.32 0.00	28.01 1.20 0.00	27.46 1.14 0.00	25.15 1.01 0.00	28.12 1.22 0.00	25.78 1.17 0.00	35.14 1.56 0.00	37.53 1.61 0.00	41.35 1.92 0.22	40.33 1.59 0.00	34.78 1.36 0.09	33.48 1.20 0.00	31.28 0.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.59 1.16 0.00	33.77 1.23 0.00	33.81 1.21 0.00	31.03 1.13 0.00	31.42 1.01 0.00	30.13 1.06 0.00	37.99 1.60 0.04	44.95 2.12 1.27	45.09 2.07 1.45	31.10 1.31 0.00	33.67 1.45 0.00	31.92 1.32 0.00	28.01 1.20 0.00	27.46 1.14 0.00	25.15 1.01 0.00	28.12 1.22 0.00	25.78 1.17 0.00	35.14 1.56 0.00	37.53 1.61 0.00	41.35 1.92 0.22	40.33 1.59 0.00	34.78 1.36 0.09	33.48 1.20 0.00	31.28 0.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.61 1.18 0.00	33.78 1.25 0.00	33.83 1.23 0.00	31.04 1.14 0.00	31.46 1.05 0.00	30.15 1.09 0.00	37.98 1.59 0.04	44.88 2.05 1.27	45.05 2.03 1.45	31.07 1.28 0.00	33.60 1.38 0.00	31.86 1.26 0.00	27.92 1.11 0.00	27.36 1.05 0.00	25.07 0.93 0.00	28.03 1.12 0.00	25.70 1.08 0.00	35.07 1.49 0.00	37.57 1.64 0.00	41.35 1.93 0.22	40.38 1.63 0.00	34.81 1.38 0.09	33.52 1.24 0.00	31.32 0.99 0.00
POLETTI___ 23519	31.67 1.24 0.00	33.85 1.31 0.00	33.89 1.29 0.00	31.08 1.18 0.00	31.47 1.06 0.00	30.16 1.09 0.00	38.11 1.72 0.04	45.16 2.33 1.27	45.24 2.22 1.45	31.18 1.39 0.00	33.82 1.60 0.00	32.07 1.47 0.00	28.16 1.35 0.00	27.60 1.29 0.00	25.26 1.12 0.00	28.21 1.31 0.00	25.92 1.32 0.00	35.32 1.74 0.00	37.71 1.79 0.00	41.50 2.08 0.22	40.48 1.74 0.00	34.90 1.48 0.09	33.57 1.29 0.00	31.34 1.02 0.00
POMONA___ESR 323819	31.33 0.90 0.00	33.49 0.95 0.00	33.55 0.95 0.00	30.78 0.88 0.00	31.17 0.76 0.00	29.91 0.84 0.00	37.75 1.37 0.04	44.68 1.86 1.28	44.76 1.74 1.46	30.83 1.05 0.00	33.39 1.17 0.00	31.65 1.05 0.00	27.77 0.96 0.00	27.26 0.94 0.00	24.99 0.86 0.00	27.95 1.04 0.00	25.63 1.02 0.00	34.93 1.35 0.00	37.31 1.39 0.00	41.12 1.70 0.22	40.10 1.36 0.00	34.56 1.14 0.09	33.27 0.99 0.00	31.08 0.75 0.00
PORT_JEFF_3 23555	32.11 1.69 0.00	34.38 1.84 0.00	34.38 1.78 0.00	31.52 1.62 0.00	31.93 1.52 0.00	30.73 1.67 0.00	38.76 2.37 0.04	45.66 2.83 1.27	45.50 2.48 1.45	31.35 1.57 0.00	34.01 1.79 0.00	32.11 1.52 0.00	28.00 1.19 0.00	27.35 1.04 0.00	25.09 0.96 0.00	28.23 1.32 0.00	25.98 1.37 0.00	35.36 1.78 0.00	37.74 1.82 0.00	41.75 2.32 0.22	40.39 1.65 0.00	34.88 1.46 0.09	33.58 1.30 0.00	32.11 0.99 -0.79

PORT_JEFF_4 23616	32.04 1.62 0.00	34.31 1.77 0.00	34.30 1.70 0.00	31.46 1.56 0.00	31.86 1.45 0.00	30.66 1.59 0.00	38.64 2.26 0.04	45.52 2.70 1.27	45.37 2.35 1.45	31.28 1.49 0.00	33.92 1.71 0.00	32.04 1.44 0.00	27.93 1.12 0.00	27.29 0.98 0.00	25.05 0.91 0.00	28.17 1.26 0.00	25.92 1.31 0.00	35.26 1.68 0.00	37.63 1.71 0.00	41.60 2.17 0.22	40.27 1.53 0.00	34.78 1.36 0.09	33.49 1.21 0.00	32.02 0.93 -0.76
PORT_JEFF_IC 23713	32.10 1.68 0.00	34.39 1.85 0.00	34.37 1.77 0.00	31.50 1.60 0.00	31.92 1.51 0.00	30.71 1.65 0.00	38.73 2.34 0.04	45.62 2.79 1.27	45.46 2.44 1.45	31.33 1.54 0.00	33.97 1.76 0.00	32.09 1.49 0.00	27.97 1.17 0.00	27.34 1.02 0.00	25.08 0.94 0.00	28.20 1.30 0.00	25.96 1.35 0.00	35.34 1.75 0.00	37.71 1.79 0.00	41.72 2.29 0.22	40.36 1.62 0.00	34.85 1.43 0.09	33.55 1.27 0.00	32.09 0.97 -0.79
PPL_PILGRIM_ST_GT1 24216	32.17 1.74 0.00	34.41 1.87 0.00	34.40 1.81 0.00	31.54 1.64 0.00	31.94 1.53 0.00	30.73 1.67 0.00	38.71 2.33 0.04	45.65 2.82 1.27	45.64 2.62 1.45	31.46 1.68 0.00	34.15 1.94 0.00	32.17 1.57 0.00	28.07 1.26 0.00	27.45 1.14 0.00	25.19 1.05 0.00	28.30 1.40 0.00	26.04 1.43 0.00	35.54 1.96 0.00	37.92 2.00 0.00	41.88 2.45 0.22	40.59 1.85 0.00	35.06 1.63 0.09	33.78 1.49 0.00	32.44 1.21 -0.90
PPL_PILGRIM_ST_GT2 24217	32.17 1.74 0.00	34.41 1.87 0.00	34.40 1.81 0.00	31.54 1.64 0.00	31.94 1.53 0.00	30.73 1.67 0.00	38.71 2.33 0.04	45.65 2.82 1.27	45.64 2.62 1.45	31.46 1.68 0.00	34.15 1.94 0.00	32.17 1.57 0.00	28.07 1.26 0.00	27.45 1.14 0.00	25.19 1.05 0.00	28.30 1.40 0.00	26.04 1.43 0.00	35.54 1.96 0.00	37.92 2.00 0.00	41.88 2.45 0.22	40.59 1.85 0.00	35.06 1.63 0.09	33.78 1.49 0.00	32.44 1.21 -0.90
PPL_SHRM_GT3 24213	31.96 1.54 0.00	34.34 1.80 0.00	34.33 1.73 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.89 2.50 0.04	45.60 2.78 1.27	45.00 1.98 1.45	30.91 1.12 0.00	33.47 1.26 0.00	31.55 0.95 0.00	27.22 0.41 0.00	26.57 0.25 0.00	24.40 0.26 0.00	27.69 0.78 0.00	25.53 0.92 0.00	34.73 1.15 0.00	37.06 1.15 0.00	41.14 1.72 0.22	39.63 0.89 0.00	34.23 0.81 0.09	32.93 0.65 0.00	31.48 0.38 -0.78
PPL_SHRM_GT4 24214	31.96 1.54 0.00	34.34 1.80 0.00	34.33 1.73 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.89 2.50 0.04	45.60 2.78 1.27	45.00 1.98 1.45	30.91 1.12 0.00	33.47 1.26 0.00	31.55 0.95 0.00	27.22 0.41 0.00	26.57 0.25 0.00	24.40 0.26 0.00	27.69 0.78 0.00	25.53 0.92 0.00	34.73 1.15 0.00	37.06 1.15 0.00	41.14 1.72 0.22	39.63 0.89 0.00	34.23 0.81 0.09	32.93 0.65 0.00	31.48 0.38 -0.78
PROJECT___ORANGE 1 24174	29.74 -0.69 0.00	31.85 -0.69 0.00	31.90 -0.70 0.00	29.28 -0.62 0.00	29.78 -0.63 0.00	28.43 -0.63 0.00	35.52 -0.82 0.08	40.61 -0.93 2.57	40.50 -0.97 3.00	29.13 -0.66 0.00	31.54 -0.67 0.00	30.09 -0.51 0.00	26.37 -0.44 0.00	25.83 -0.49 0.00	23.70 -0.44 0.00	26.46 -0.45 0.00	24.21 -0.41 0.00	32.99 -0.59 0.00	35.23 -0.69 0.00	38.42 -0.78 0.44	38.01 -0.73 0.00	32.64 -0.68 0.19	31.61 -0.67 0.00	29.77 -0.56 0.00
PROJECT___ORANGE 2 24166	29.74 -0.69 0.00	31.85 -0.69 0.00	31.90 -0.70 0.00	29.28 -0.62 0.00	29.78 -0.63 0.00	28.43 -0.63 0.00	35.52 -0.82 0.08	40.61 -0.93 2.57	40.50 -0.97 3.00	29.13 -0.66 0.00	31.54 -0.67 0.00	30.09 -0.51 0.00	26.37 -0.44 0.00	25.83 -0.49 0.00	23.70 -0.44 0.00	26.46 -0.45 0.00	24.21 -0.41 0.00	32.99 -0.59 0.00	35.23 -0.69 0.00	38.42 -0.78 0.44	38.01 -0.73 0.00	32.64 -0.68 0.19	31.61 -0.67 0.00	29.77 -0.56 0.00
PUCKETT___SOLAR 323809	29.83 -0.60 0.00	31.96 -0.58 0.00	32.00 -0.60 0.00	29.40 -0.51 0.00	29.88 -0.53 0.00	28.58 -0.48 0.00	35.92 -0.44 0.07	41.56 -0.34 2.20	41.33 -0.59 2.56	29.16 -0.63 0.00	31.80 -0.41 0.00	30.28 -0.32 0.00	26.28 -0.53 0.00	25.63 -0.68 0.00	23.66 -0.48 0.00	26.42 -0.49 0.00	24.22 -0.39 0.00	33.39 -0.19 0.00	35.67 -0.25 0.00	39.10 -0.16 0.38	38.67 -0.08 0.00	33.10 -0.26 0.16	32.12 -0.16 0.00	29.97 -0.36 0.00
PYRITES___HYD 24023	31.61 0.57 -0.61	40.34 0.56 -7.24	40.41 0.54 -7.27	37.25 0.43 -6.92	37.98 0.59 -6.98	36.48 0.61 -6.81	45.12 0.87 -7.82	53.26 0.91 -8.25	53.20 0.68 -8.04	36.97 0.33 -6.86	37.91 0.24 -5.47	30.63 0.03 0.00	29.10 0.07 -2.22	26.46 0.14 0.00	24.43 0.29 0.00	28.80 0.26 -1.64	24.87 0.26 0.00	34.13 0.55 0.00	36.63 0.71 0.00	40.37 0.83 0.11	39.87 1.13 0.00	38.00 0.85 -3.63	36.80 0.81 -3.71	31.10 0.77 0.00
QUAKERRD_115KV_BK1 80622	28.51 -1.88 0.04	30.59 -1.95 0.00	30.57 -2.03 0.00	28.05 -1.85 0.00	28.65 -1.76 0.00	27.38 -1.69 0.00	34.12 -2.21 0.11	38.19 -2.59 3.33	37.85 -2.72 3.91	27.96 -1.83 0.00	30.58 -1.63 0.00	29.36 -1.24 0.00	25.74 -1.07 0.00	25.20 -1.12 0.00	23.05 -1.09 0.00	25.74 -1.17 0.00	23.47 -1.14 0.00	31.80 -1.78 0.00	33.91 -2.01 0.00	36.79 -2.27 0.58	36.76 -1.98 0.00	31.38 -1.88 0.25	30.62 -1.66 0.00	28.91 -1.41 0.00
QUEENSBRY_115KV_TB8 356137	31.56 1.13 0.00	33.67 1.14 0.00	33.79 1.19 0.00	31.08 1.18 0.00	31.58 1.17 0.00	30.34 1.27 0.00	38.19 1.79 0.04	44.71 1.86 1.26	45.02 1.97 1.42	30.92 1.13 0.00	33.23 1.02 0.00	31.35 0.75 0.00	27.28 0.48 0.00	26.77 0.46 0.00	24.59 0.45 0.00	27.76 0.85 0.00	25.43 0.82 0.00	34.97 1.39 0.00	37.59 1.67 0.00	41.26 1.83 0.21	40.28 1.54 0.00	34.73 1.30 0.09	33.56 1.28 0.00	31.41 1.08 0.00
RAMAPO___LBMP 323565	31.20 0.77 0.00	33.36 0.82 0.00	33.42 0.82 0.00	30.66 0.76 0.00	31.05 0.64 0.00	29.77 0.70 0.00	37.57 1.18 0.04	44.46 1.63 1.28	44.51 1.49 1.46	30.66 0.88 0.00	33.18 0.97 0.00	31.46 0.86 0.00	27.61 0.80 0.00	27.09 0.78 0.00	24.85 0.71 0.00	27.79 0.88 0.00	25.50 0.89 0.00	34.76 1.18 0.00	37.14 1.22 0.00	40.94 1.51 0.22	39.93 1.19 0.00	34.42 0.99 0.09	33.12 0.84 0.00	30.94 0.62 0.00
RANKINE____ 23646	26.06 -2.10 2.26	25.82 -2.18 4.54	25.72 -2.35 4.54	23.35 -2.20 4.35	24.22 -2.00 4.19	25.06 -1.88 2.13	30.85 -2.51 3.08	37.50 -2.84 3.76	36.52 -2.85 5.10	28.01 -1.78 0.00	31.00 -1.22 0.00	29.86 -0.74 0.00	26.13 -0.68 0.00	25.53 -0.79 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.61 -1.00 0.00	28.85 -1.87 2.86	31.97 -2.29 1.67	32.68 -2.68 4.29	31.31 -2.21 5.22	28.35 -2.10 3.07	30.75 -1.53 0.00	29.12 -1.21 0.00
RAVENSWOOD_GT2_1 24244	31.68 1.26 0.00	33.86 1.32 0.00	33.91 1.31 0.00	31.09 1.20 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.14 1.75 0.04	45.18 2.36 1.27	45.27 2.25 1.45	31.21 1.42 0.00	33.83 1.61 0.00	32.08 1.48 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.29 1.15 0.00	28.26 1.35 0.00	25.92 1.32 0.00	35.33 1.75 0.00	37.73 1.81 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.92 1.50 0.09	33.59 1.31 0.00	31.37 1.04 0.00

RAVENSWOOD_GT2_2 24245	31.68 1.26 0.00	33.86 1.32 0.00	33.91 1.31 0.00	31.09 1.20 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.14 1.75 0.04	45.18 2.36 1.27	45.27 2.25 1.45	31.21 1.42 0.00	33.83 1.61 0.00	32.08 1.48 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.29 1.15 0.00	28.26 1.35 0.00	25.92 1.32 0.00	35.33 1.75 0.00	37.73 1.81 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.92 1.50 0.09	33.59 1.31 0.00	31.37 1.04 0.00
RAVENSWOOD_GT2_3 24246	31.70 1.27 0.00	33.88 1.35 0.00	33.92 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.20 1.13 0.00	38.17 1.78 0.04	45.21 2.38 1.27	45.28 2.26 1.45	31.22 1.43 0.00	33.84 1.63 0.00	32.09 1.49 0.00	28.18 1.37 0.00	27.62 1.31 0.00	25.30 1.16 0.00	28.27 1.36 0.00	25.95 1.34 0.00	35.34 1.76 0.00	37.75 1.82 0.00	41.56 2.13 0.22	40.52 1.78 0.00	34.94 1.51 0.09	33.60 1.32 0.00	31.38 1.05 0.00
RAVENSWOOD_GT2_4 24247	31.70 1.27 0.00	33.88 1.35 0.00	33.92 1.33 0.00	31.12 1.22 0.00	31.51 1.10 0.00	30.20 1.13 0.00	38.17 1.78 0.04	45.21 2.38 1.27	45.28 2.26 1.45	31.22 1.43 0.00	33.84 1.63 0.00	32.09 1.49 0.00	28.18 1.37 0.00	27.62 1.31 0.00	25.30 1.16 0.00	28.27 1.36 0.00	25.95 1.34 0.00	35.34 1.76 0.00	37.75 1.82 0.00	41.56 2.13 0.22	40.52 1.78 0.00	34.94 1.51 0.09	33.60 1.32 0.00	31.38 1.05 0.00
RAVENSWOOD_GT3_1 24248	31.68 1.26 0.00	33.86 1.32 0.00	33.91 1.31 0.00	31.09 1.20 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.14 1.75 0.04	45.18 2.36 1.27	45.27 2.25 1.45	31.21 1.42 0.00	33.83 1.61 0.00	32.08 1.48 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.29 1.15 0.00	28.26 1.35 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.73 1.81 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.93 1.50 0.09	33.59 1.31 0.00	31.37 1.04 0.00
RAVENSWOOD_GT3_2 24249	31.68 1.26 0.00	33.86 1.32 0.00	33.91 1.31 0.00	31.09 1.20 0.00	31.49 1.08 0.00	30.19 1.12 0.00	38.14 1.75 0.04	45.18 2.36 1.27	45.27 2.25 1.45	31.21 1.42 0.00	33.83 1.61 0.00	32.08 1.48 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.29 1.15 0.00	28.26 1.35 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.73 1.81 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.93 1.50 0.09	33.59 1.31 0.00	31.37 1.04 0.00
RAVENSWOOD_GT3_3 24250	31.73 1.30 0.00	33.92 1.38 0.00	33.95 1.35 0.00	31.14 1.25 0.00	31.53 1.12 0.00	30.23 1.16 0.00	38.20 1.82 0.04	45.26 2.43 1.27	45.34 2.32 1.45	31.26 1.47 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.21 1.40 0.00	27.65 1.34 0.00	25.33 1.19 0.00	28.30 1.39 0.00	25.97 1.36 0.00	35.39 1.81 0.00	37.78 1.86 0.00	41.60 2.17 0.22	40.56 1.82 0.00	34.98 1.55 0.09	33.64 1.36 0.00	31.41 1.08 0.00
RAVENSWOOD_GT3_4 24251	31.73 1.30 0.00	33.92 1.38 0.00	33.95 1.35 0.00	31.14 1.25 0.00	31.53 1.12 0.00	30.23 1.16 0.00	38.20 1.82 0.04	45.26 2.43 1.27	45.34 2.32 1.45	31.26 1.47 0.00	33.88 1.67 0.00	32.13 1.53 0.00	28.21 1.40 0.00	27.65 1.34 0.00	25.33 1.19 0.00	28.30 1.39 0.00	25.97 1.36 0.00	35.39 1.81 0.00	37.78 1.86 0.00	41.60 2.17 0.22	40.56 1.82 0.00	34.98 1.55 0.09	33.64 1.36 0.00	31.41 1.08 0.00
RAVENSWOOD_GT_1 23729	36.14 1.40 -4.32	37.83 1.48 -3.81	37.86 1.47 -3.80	35.53 1.34 -4.28	35.91 1.21 -4.28	35.00 1.25 -4.69	41.84 1.92 -3.49	47.56 2.61 -0.84	51.02 2.50 -4.04	99.11 1.59 -67.73	82.02 1.79 -48.02	78.59 1.65 -46.35	53.33 1.50 -25.02	57.75 1.44 -30.00	58.95 1.28 -33.53	62.14 1.49 -33.74	61.43 1.46 -35.37	63.00 1.93 -27.49	55.19 2.00 -17.27	51.98 2.29 -10.04	51.54 1.94 -10.85	49.86 1.68 -14.65	40.17 1.49 -6.40	39.00 1.20 -7.48
RAVENSWOOD_GT_10 24258	32.17 1.25 -0.50	34.30 1.32 -0.44	34.34 1.30 -0.44	31.59 1.20 -0.49	31.98 1.08 -0.49	30.73 1.12 -0.54	38.46 1.74 -0.29	45.37 2.35 1.08	45.34 2.25 1.38	26.36 1.41 4.84	30.71 1.60 3.11	29.39 1.47 2.67	26.56 1.35 1.60	25.44 1.29 2.17	22.81 1.14 2.48	25.75 1.35 2.50	24.30 1.32 1.63	34.75 1.75 0.58	38.24 1.80 -0.52	42.71 2.10 -0.96	41.65 1.76 -1.15	35.87 1.49 -0.86	34.32 1.30 -0.74	32.08 1.03 -0.72
RAVENSWOOD_GT_11 24259	32.17 1.25 -0.50	34.30 1.32 -0.44	34.34 1.30 -0.44	31.59 1.20 -0.49	31.98 1.08 -0.49	30.73 1.12 -0.54	38.46 1.74 -0.29	45.37 2.35 1.08	45.34 2.25 1.38	26.36 1.41 4.84	30.71 1.60 3.11	29.39 1.47 2.67	26.56 1.35 1.60	25.44 1.29 2.17	22.81 1.14 2.48	25.75 1.35 2.50	24.30 1.32 1.63	34.75 1.75 0.58	38.24 1.80 -0.52	42.71 2.10 -0.96	41.65 1.76 -1.15	35.87 1.49 -0.86	34.32 1.30 -0.74	32.08 1.03 -0.72
RAVENSWOOD_GT_4 24252	34.95 1.24 -3.28	36.74 1.32 -2.89	36.77 1.30 -2.88	34.34 1.19 -3.25	34.74 1.07 -3.26	33.73 1.11 -3.56	40.31 1.74 -2.13	46.44 2.33 -0.01	45.74 2.22 0.94	-0.76 1.40 31.94	13.31 1.59 20.49	14.41 1.45 17.65	17.60 1.34 10.55	13.29 1.28 14.30	8.92 1.13 16.35	11.71 1.33 16.52	15.17 1.30 10.74	31.47 1.73 3.84	41.13 1.78 -3.42	49.31 2.09 -7.57	48.10 1.74 -7.62	41.19 1.48 -6.20	38.45 1.29 -4.88	36.12 1.02 -4.78
RAVENSWOOD_GT_5 24254	34.95 1.24 -3.28	36.74 1.32 -2.89	36.77 1.30 -2.88	34.34 1.19 -3.25	34.74 1.07 -3.26	33.73 1.11 -3.56	40.31 1.74 -2.13	46.44 2.33 -0.01	45.74 2.22 0.94	-0.76 1.40 31.94	13.31 1.59 20.49	14.41 1.45 17.65	17.60 1.34 10.55	13.29 1.28 14.30	8.92 1.13 16.35	11.71 1.33 16.52	15.17 1.30 10.74	31.47 1.73 3.84	41.13 1.78 -3.42	49.31 2.09 -7.57	48.10 1.74 -7.62	41.19 1.48 -6.20	38.45 1.29 -4.88	36.12 1.02 -4.78
RAVENSWOOD_GT_6 24253	34.95 1.24 -3.28	36.74 1.32 -2.89	36.77 1.30 -2.88	34.34 1.19 -3.25	34.74 1.07 -3.26	33.73 1.11 -3.56	40.31 1.74 -2.13	46.44 2.33 -0.01	45.74 2.22 0.94	-0.76 1.40 31.94	13.31 1.59 20.49	14.41 1.45 17.65	17.60 1.34 10.55	13.29 1.28 14.30	8.92 1.13 16.35	11.71 1.33 16.52	15.17 1.30 10.74	31.47 1.73 3.84	41.13 1.78 -3.42	49.31 2.09 -7.57	48.10 1.74 -7.62	41.19 1.48 -6.20	38.45 1.29 -4.88	36.12 1.02 -4.78
RAVENSWOOD_GT_7 24255	34.95 1.24 -3.28	36.74 1.32 -2.89	36.77 1.30 -2.88	34.34 1.19 -3.25	34.74 1.07 -3.26	33.73 1.11 -3.56	40.31 1.74 -2.13	46.44 2.33 -0.01	45.74 2.22 0.94	-0.76 1.40 31.94	13.31 1.59 20.49	14.41 1.45 17.65	17.60 1.34 10.55	13.29 1.28 14.30	8.92 1.13 16.35	11.71 1.33 16.52	15.17 1.30 10.74	31.47 1.73 3.84	41.13 1.78 -3.42	49.31 2.09 -7.57	48.10 1.74 -7.62	41.19 1.48 -6.20	38.45 1.29 -4.88	36.12 1.02 -4.78
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.17 1.25 -0.50	34.30 1.32 -0.44	34.34 1.30 -0.44	31.59 1.20 -0.49	31.98 1.08 -0.49	30.73 1.12 -0.54	38.46 1.74 -0.29	45.37 2.35 1.08	45.34 2.25 1.38	26.36 1.41 4.84	30.71 1.60 3.11	29.39 1.47 2.67	26.56 1.35 1.60	25.44 1.29 2.17	22.81 1.14 2.48	25.75 1.35 2.50	24.30 1.32 1.63	34.75 1.75 0.58	38.24 1.80 -0.52	42.71 2.10 -0.96	41.65 1.76 -1.15	35.87 1.49 -0.86	34.32 1.30 -0.74	32.08 1.03 -0.72

RAVENSWOOD_GT_9 24257	32.17 1.25 -0.50	34.30 1.32 -0.44	34.34 1.30 -0.44	31.59 1.20 -0.49	31.98 1.08 -0.49	30.73 1.12 -0.54	38.46 1.74 -0.29	45.37 2.35 1.08	45.34 2.25 1.38	26.36 1.41 4.84	30.71 1.60 3.11	29.39 1.47 2.67	26.56 1.35 1.60	25.44 1.29 2.17	22.81 1.14 2.48	25.75 1.35 2.50	24.30 1.32 1.63	34.75 1.75 0.58	38.24 1.80 -0.52	42.71 2.10 -0.96	41.65 1.76 -1.15	35.87 1.49 -0.86	34.32 1.30 -0.74	32.08 1.03 -0.72
RAVENSWOOD___1 23533	27.52 1.33 4.24	30.21 1.41 3.74	30.27 1.39 3.72	26.97 1.28 4.21	27.34 1.15 4.22	25.65 1.19 4.61	35.42 1.85 2.86	43.68 2.52 2.94	44.77 2.41 2.11	72.63 1.53 -41.31	60.45 1.73 -26.51	55.00 1.58 -22.82	41.90 1.44 -13.64	46.19 1.38 -18.49	46.50 1.23 -21.14	49.71 1.43 -21.37	39.90 1.40 -13.89	40.40 1.86 -4.96	33.40 1.91 4.43	31.56 2.21 10.28	30.75 1.87 9.85	26.91 1.62 8.23	28.28 1.41 5.42	27.28 1.15 4.20
RAVENSWOOD___2 23534	27.52 1.33 4.24	30.21 1.41 3.74	30.27 1.39 3.72	26.97 1.28 4.21	27.34 1.15 4.22	25.65 1.19 4.61	35.42 1.85 2.86	43.68 2.52 2.94	44.77 2.41 2.11	72.63 1.53 -41.31	60.45 1.73 -26.51	55.00 1.58 -22.82	41.90 1.44 -13.64	46.19 1.38 -18.49	46.50 1.23 -21.14	49.71 1.43 -21.37	39.90 1.40 -13.89	40.40 1.86 -4.96	33.40 1.91 4.43	31.56 2.21 10.28	30.75 1.87 9.85	26.91 1.62 8.23	28.28 1.41 5.42	27.28 1.15 4.20
RAVENSWOOD___3 23535	31.68 1.25 0.00	33.85 1.32 0.00	33.90 1.30 0.00	31.10 1.20 0.00	31.49 1.08 0.00	30.19 1.13 0.00	38.14 1.75 0.04	45.19 2.36 1.27	45.27 2.25 1.45	31.21 1.43 0.00	33.83 1.62 0.00	32.07 1.47 0.00	28.16 1.35 0.00	27.61 1.29 0.00	25.29 1.15 0.00	28.26 1.35 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.72 1.80 0.00	41.53 2.10 0.22	40.50 1.76 0.00	34.92 1.49 0.09	33.59 1.31 0.00	31.37 1.04 0.00
RAVENSWOOD___4 23820	27.52 1.33 4.24	30.21 1.41 3.74	30.27 1.39 3.72	26.97 1.28 4.21	27.34 1.15 4.22	25.65 1.19 4.61	35.42 1.85 2.86	43.68 2.52 2.94	44.77 2.41 2.11	72.63 1.53 -41.31	60.45 1.73 -26.51	55.00 1.58 -22.82	41.90 1.44 -13.64	46.19 1.38 -18.49	46.50 1.23 -21.14	49.71 1.43 -21.37	39.90 1.40 -13.89	40.40 1.86 -4.96	33.40 1.91 4.43	31.56 2.21 10.28	30.75 1.87 9.85	26.91 1.62 8.23	28.28 1.41 5.42	27.28 1.15 4.20
RCPL_TRUST___DRP 24196	31.68 1.25 0.00	33.85 1.32 0.00	33.90 1.30 0.00	31.09 1.19 0.00	31.48 1.07 0.00	30.19 1.12 0.00	38.17 1.78 0.04	45.22 2.39 1.27	45.29 2.27 1.45	31.22 1.43 0.00	33.84 1.63 0.00	32.10 1.50 0.00	28.19 1.38 0.00	27.63 1.32 0.00	25.31 1.17 0.00	28.28 1.38 0.00	25.95 1.34 0.00	35.36 1.78 0.00	37.75 1.83 0.00	41.57 2.14 0.22	40.52 1.78 0.00	34.93 1.51 0.09	33.59 1.31 0.00	31.36 1.03 0.00
RED___ROCHESTER 323720	28.53 -1.30 0.60	30.09 -1.31 1.15	30.03 -1.42 1.15	27.50 -1.31 1.10	28.17 -1.18 1.06	27.39 -1.14 0.54	34.02 -1.55 0.86	38.78 -1.78 3.54	38.26 -1.88 4.33	28.51 -1.28 0.00	31.34 -0.87 0.00	30.14 -0.46 0.00	26.41 -0.40 0.00	25.81 -0.50 0.00	23.56 -0.57 0.00	26.31 -0.60 0.00	23.96 -0.65 0.00	31.72 -1.14 0.72	34.22 -1.28 0.42	36.70 -1.41 1.54	36.32 -1.10 1.32	31.37 -1.18 0.97	31.35 -0.94 0.00	29.60 -0.72 0.00
REGAN___SOLAR 323812	31.74 1.31 0.00	33.92 1.38 0.00	33.98 1.38 0.00	31.19 1.29 0.00	31.74 1.33 0.00	30.40 1.34 0.00	38.27 1.89 0.04	45.13 2.35 1.33	45.10 2.13 1.50	30.77 0.98 0.00	33.00 0.79 0.00	30.75 0.15 0.00	26.54 -0.26 0.00	26.53 0.21 0.00	24.46 0.32 0.00	26.97 0.06 0.00	24.71 0.10 0.00	34.84 1.26 0.00	37.62 1.70 0.00	41.58 2.16 0.22	40.86 2.12 0.00	35.19 1.77 0.10	33.97 1.69 0.00	31.83 1.50 0.00
RENSSELAER___COGEN 23796	31.03 0.60 0.00	33.13 0.59 0.00	33.23 0.63 0.00	30.55 0.65 0.00	30.98 0.57 0.00	29.69 0.63 0.00	37.12 0.73 0.04	43.65 0.78 1.24	43.98 0.92 1.41	30.43 0.64 0.00	32.80 0.59 0.00	31.07 0.47 0.00	27.17 0.37 0.00	26.66 0.35 0.00	24.41 0.27 0.00	27.28 0.38 0.00	24.95 0.34 0.00	34.14 0.56 0.00	36.54 0.62 0.00	40.05 0.62 0.21	39.17 0.43 0.00	33.95 0.52 0.09	32.74 0.46 0.00	30.72 0.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.50 2.07 0.00	34.67 2.13 0.00	34.84 2.24 0.00	32.04 2.14 0.00	32.54 2.13 0.00	31.34 2.27 0.00	39.50 3.12 0.04	46.15 3.30 1.26	46.43 3.38 1.42	31.78 2.00 0.00	33.99 1.78 0.00	32.00 1.40 0.00	27.87 1.07 0.00	27.32 1.00 0.00	25.08 0.94 0.00	28.52 1.61 0.00	26.30 1.69 0.00	36.13 2.55 0.00	39.11 3.19 0.00	43.02 3.59 0.21	41.87 3.14 0.00	36.01 2.58 0.09	34.95 2.67 0.00	32.60 2.27 0.00
REVERE_CPFR_DRP 24186	30.81 0.29 -0.08	33.85 0.30 -1.02	33.89 0.28 -1.02	31.15 0.28 -0.97	31.70 0.31 -0.98	30.38 0.36 -0.96	38.18 0.71 -1.04	44.01 0.86 0.96	43.20 0.86 2.13	30.28 0.49 0.00	32.70 0.49 0.00	31.01 0.42 0.00	27.09 0.28 0.00	26.58 0.27 0.00	24.40 0.26 0.00	27.27 0.37 0.00	24.92 0.31 0.00	34.32 0.74 0.00	36.85 0.93 0.00	40.34 1.01 0.32	39.81 1.07 0.00	34.36 0.97 0.14	33.06 0.78 0.00	30.86 0.53 0.00
REYNOLDS_115KV_TB3 80639	31.18 0.76 0.00	33.31 0.77 0.00	33.41 0.81 0.00	30.70 0.80 0.00	31.14 0.73 0.00	29.83 0.76 0.00	37.28 0.89 0.04	43.81 0.96 1.24	44.16 1.09 1.41	30.55 0.76 0.00	32.94 0.72 0.00	31.19 0.59 0.00	27.28 0.48 0.00	26.76 0.44 0.00	24.47 0.33 0.00	27.38 0.48 0.00	25.03 0.42 0.00	34.24 0.66 0.00	36.64 0.72 0.00	40.18 0.74 0.21	39.27 0.52 0.00	34.04 0.61 0.09	32.84 0.56 0.00	30.82 0.49 0.00
RIVERBAY____ 323610	31.79 1.36 -0.01	34.11 1.56 -0.01	34.22 1.61 -0.01	31.42 1.51 -0.01	31.76 1.35 0.00	30.42 1.35 0.00	38.50 2.11 0.03	45.50 2.67 1.27	45.51 2.49 1.46	31.30 1.51 0.00	33.85 1.64 0.01	32.12 1.53 0.01	28.17 1.37 0.01	27.59 1.28 0.01	25.26 1.13 0.01	28.22 1.32 0.01	25.92 1.32 0.01	35.35 1.77 0.01	37.75 1.83 0.01	41.54 2.12 0.22	40.53 1.79 0.00	34.96 1.54 0.10	33.66 1.38 0.00	31.44 1.12 0.01
RIVERSDE_115KV_TB3 55908	31.13 0.70 0.00	33.24 0.70 0.00	33.33 0.74 0.00	30.65 0.74 0.00	31.09 0.68 0.00	29.79 0.72 0.00	37.23 0.84 0.04	43.80 0.94 1.24	44.14 1.07 1.41	30.53 0.74 0.00	32.91 0.70 0.00	31.17 0.57 0.00	27.25 0.45 0.00	26.74 0.42 0.00	24.47 0.33 0.00	27.37 0.46 0.00	25.02 0.41 0.00	34.23 0.65 0.00	36.63 0.72 0.00	40.16 0.73 0.21	39.27 0.52 0.00	34.03 0.61 0.09	32.82 0.54 0.00	30.79 0.47 0.00
ROARING___BROOK_WT_PWR 323790	29.50 -0.93 0.00	31.53 -1.00 0.00	31.60 -1.00 0.00	28.99 -0.91 0.00	29.49 -0.92 0.00	28.18 -0.88 0.00	35.31 -1.08 0.04	41.72 -1.33 1.05	42.03 -1.26 1.19	28.95 -0.84 0.00	31.29 -0.92 0.00	29.84 -0.76 0.00	26.23 -0.58 0.00	25.80 -0.51 0.00	23.74 -0.40 0.00	26.52 -0.39 0.00	24.14 -0.47 0.00	32.80 -0.78 0.00	34.93 -1.00 0.00	38.27 -1.20 0.18	37.80 -0.94 0.00	33.03 -0.41 0.08	31.72 -0.57 0.00	29.58 -0.75 0.00

ROCHESRG_115KV_T4 355643	28.17 -1.58 0.68	29.59 -1.63 1.32	29.55 -1.73 1.32	27.05 -1.58 1.27	27.72 -1.47 1.22	27.04 -1.41 0.62	33.54 -1.91 0.98	38.31 -2.21 3.59	37.74 -2.32 4.41	28.25 -1.54 0.00	31.00 -1.21 0.00	29.81 -0.79 0.00	26.13 -0.67 0.00	25.54 -0.78 0.00	23.32 -0.82 0.00	26.04 -0.87 0.00	23.72 -0.89 0.00	31.24 -1.51 0.83	33.72 -1.71 0.49	36.03 -1.93 1.68	35.63 -1.59 1.52	30.87 -1.56 1.08	31.00 -1.28 0.00	29.30 -1.03 0.00
ROCHESTER_9_IC 23652	28.39 -1.44 0.60	29.92 -1.47 1.15	29.87 -1.59 1.14	27.35 -1.45 1.10	28.03 -1.33 1.06	27.26 -1.27 0.54	33.84 -1.73 0.86	38.59 -1.97 3.54	38.05 -2.10 4.33	28.38 -1.41 0.00	31.18 -1.03 0.00	29.99 -0.61 0.00	26.29 -0.52 0.00	25.69 -0.63 0.00	23.46 -0.68 0.00	26.18 -0.73 0.00	23.85 -0.76 0.00	31.53 -1.33 0.72	34.00 -1.50 0.42	36.44 -1.67 1.53	36.07 -1.35 1.32	31.18 -1.36 0.97	31.18 -1.10 0.00	29.45 -0.87 0.00
ROCKVIEW_13_KV_LD 356306	31.70 1.27 0.00	33.87 1.33 0.00	33.90 1.30 0.00	31.09 1.19 0.00	31.49 1.08 0.00	30.18 1.12 0.00	38.13 1.74 0.04	45.17 2.35 1.27	45.28 2.26 1.45	31.22 1.43 0.00	33.82 1.61 0.00	32.08 1.48 0.00	28.15 1.34 0.00	27.59 1.28 0.00	25.28 1.14 0.00	28.26 1.35 0.00	25.92 1.31 0.00	35.33 1.75 0.00	37.74 1.82 0.00	41.56 2.13 0.22	40.53 1.78 0.00	34.95 1.53 0.09	33.64 1.36 0.00	31.42 1.09 0.00
ROME____115KV_TB2 80656	30.81 0.29 -0.08	33.85 0.30 -1.02	33.89 0.28 -1.02	31.15 0.28 -0.97	31.70 0.31 -0.98	30.38 0.36 -0.96	38.18 0.71 -1.04	44.01 0.86 0.96	43.20 0.86 2.13	30.28 0.49 0.00	32.70 0.49 0.00	31.01 0.42 0.00	27.09 0.28 0.00	26.58 0.27 0.00	24.40 0.26 0.00	27.27 0.37 0.00	24.92 0.31 0.00	34.32 0.74 0.00	36.85 0.93 0.00	40.34 1.01 0.32	39.81 1.07 0.00	34.36 0.97 0.14	33.06 0.78 0.00	30.86 0.53 0.00
ROSETON___1 23587	31.33 0.91 0.00	33.50 0.96 0.00	33.56 0.97 0.00	30.80 0.90 0.00	31.20 0.79 0.00	29.90 0.84 0.00	37.66 1.28 0.04	44.48 1.65 1.28	44.64 1.62 1.46	30.79 1.01 0.00	33.33 1.11 0.00	31.59 0.99 0.00	27.71 0.91 0.00	27.18 0.86 0.00	24.90 0.76 0.00	27.84 0.93 0.00	25.51 0.90 0.00	34.79 1.21 0.00	37.18 1.26 0.00	40.90 1.48 0.22	39.94 1.20 0.00	34.47 1.04 0.09	33.19 0.91 0.00	31.03 0.71 0.00
ROSETON___2 23588	31.33 0.91 0.00	33.50 0.96 0.00	33.56 0.97 0.00	30.80 0.90 0.00	31.20 0.79 0.00	29.90 0.84 0.00	37.66 1.28 0.04	44.48 1.65 1.28	44.64 1.62 1.46	30.79 1.01 0.00	33.33 1.11 0.00	31.59 0.99 0.00	27.71 0.91 0.00	27.18 0.86 0.00	24.90 0.76 0.00	27.84 0.93 0.00	25.51 0.90 0.00	34.79 1.21 0.00	37.18 1.26 0.00	40.90 1.48 0.22	39.94 1.20 0.00	34.47 1.04 0.09	33.19 0.91 0.00	31.03 0.71 0.00
ROTRDAM_115KV_TB3 80664	31.03 0.60 0.00	33.16 0.63 0.00	33.26 0.66 0.00	30.53 0.63 0.00	30.99 0.58 0.00	29.66 0.59 0.00	37.20 0.82 0.04	43.80 0.96 1.26	44.03 0.99 1.43	30.38 0.59 0.00	32.79 0.58 0.00	31.05 0.45 0.00	27.15 0.34 0.00	26.67 0.36 0.00	24.48 0.34 0.00	27.34 0.43 0.00	24.99 0.39 0.00	34.23 0.65 0.00	36.67 0.75 0.00	40.29 0.86 0.21	39.47 0.73 0.00	34.11 0.68 0.09	32.90 0.62 0.00	30.84 0.51 0.00
RUSSELL___1 23602	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
RUSSELL___2 23532	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
RUSSELL___3 23549	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
RUSSELL___4 23556	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
RUSSELL__STATION 23914	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
S SALMON__HYD 24043	29.37 -1.15 -0.10	32.52 -1.26 -1.24	32.57 -1.28 -1.25	29.94 -1.15 -1.19	30.51 -1.10 -1.20	29.19 -1.05 -1.17	36.51 -1.21 -1.29	42.35 -1.43 0.33	42.15 -1.51 0.81	29.60 -1.16 -0.97	31.77 -1.22 -0.77	29.55 -1.05 0.00	26.19 -0.93 -0.31	25.26 -1.06 0.00	23.44 -0.69 0.00	26.48 -0.66 -0.23	23.94 -0.68 0.00	32.56 -1.02 0.00	34.87 -1.05 0.00	38.19 -1.15 0.30	37.87 -0.87 0.00	33.24 -0.67 -0.39	31.94 -0.86 -0.53	29.37 -0.96 0.00
S.PERRY__115KV_TB1 80734	41.01 -1.55 -12.13	56.32 -1.53 -25.32	56.21 -1.67 -25.28	52.64 -1.50 -24.25	52.37 -1.39 -23.35	39.61 -1.33 -11.88	51.45 -1.46 -16.48	43.03 -1.40 -0.32	47.00 -1.74 -4.26	28.25 -1.54 0.00	31.57 -0.64 0.00	30.67 0.07 0.00	26.62 -0.19 -0.01	25.80 -0.51 0.00	23.71 -0.43 0.00	26.48 -0.43 0.00	24.21 -0.40 0.00	48.67 -0.84 -15.93	44.22 -0.97 -9.27	59.06 -0.87 -20.29	67.03 -0.81 -29.10	48.05 -1.01 -15.54	31.49 -0.79 0.00	29.62 -0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.41 -2.38 2.63	24.76 -2.47 5.31	24.66 -2.64 5.30	22.37 -2.44 5.09	23.26 -2.26 4.90	24.43 -2.15 2.49	29.94 -2.91 3.58	36.80 -3.39 3.91	35.65 -3.42 5.40	27.63 -2.15 0.00	30.57 -1.65 0.00	29.48 -1.12 0.00	25.79 -1.01 0.00	25.19 -1.12 0.00	22.96 -1.17 0.00	25.63 -1.28 0.00	23.29 -1.32 0.00	27.93 -2.31 3.34	31.27 -2.70 1.95	31.57 -3.15 4.93	30.03 -2.61 6.11	27.51 -2.46 3.55	30.40 -1.88 0.00	28.82 -1.51 0.00

SAWYER___23_KV_LOAD 55526	25.41 -2.38 2.63	24.76 -2.47 5.31	24.66 -2.64 5.30	22.37 -2.44 5.09	23.26 -2.26 4.90	24.43 -2.15 2.49	29.94 -2.91 3.58	36.80 -3.39 3.91	35.65 -3.42 5.40	27.63 -2.15 0.00	30.57 -1.65 0.00	29.48 -1.12 0.00	25.79 -1.01 0.00	25.19 -1.12 0.00	22.96 -1.17 0.00	25.63 -1.28 0.00	23.29 -1.32 0.00	27.93 -2.31 3.34	31.27 -2.70 1.95	31.57 -3.15 4.93	30.03 -2.61 6.11	27.51 -2.46 3.55	30.40 -1.88 0.00	28.82 -1.51 0.00
SELKIRK___I 23801	31.18 0.76 0.00	33.33 0.79 0.00	33.43 0.83 0.00	30.74 0.84 0.00	31.19 0.78 0.00	29.86 0.80 0.00	37.37 0.97 0.04	43.93 1.07 1.24	44.20 1.13 1.40	30.51 0.72 0.00	32.84 0.63 0.00	31.11 0.51 0.00	27.18 0.37 0.00	26.71 0.39 0.00	24.46 0.32 0.00	27.25 0.35 0.00	24.94 0.33 0.00	34.27 0.69 0.00	36.73 0.81 0.00	40.30 0.87 0.21	39.45 0.71 0.00	34.12 0.69 0.09	32.92 0.64 0.00	30.91 0.59 0.00
SELKIRK___II 23799	31.04 0.61 0.00	33.15 0.61 0.00	33.25 0.66 0.00	30.57 0.67 0.00	31.00 0.59 0.00	29.68 0.62 0.00	37.15 0.76 0.04	43.73 0.86 1.24	44.02 0.95 1.40	30.43 0.64 0.00	32.82 0.61 0.00	31.10 0.51 0.00	27.22 0.41 0.00	26.71 0.39 0.00	24.47 0.33 0.00	27.32 0.41 0.00	24.99 0.38 0.00	34.18 0.60 0.00	36.58 0.66 0.00	40.13 0.70 0.21	39.27 0.53 0.00	33.99 0.56 0.09	32.79 0.50 0.00	30.75 0.43 0.00
SENECA OSWGO___HYD 24041	29.51 -0.91 0.00	31.60 -0.93 0.00	31.66 -0.93 0.00	29.06 -0.85 0.00	29.57 -0.84 0.00	28.22 -0.84 0.00	35.27 -1.12 0.04	41.66 -1.26 1.18	41.82 -1.32 1.34	28.89 -0.90 0.00	31.21 -1.00 0.00	29.76 -0.84 0.00	26.09 -0.72 0.00	25.57 -0.74 0.00	23.48 -0.65 0.00	26.22 -0.69 0.00	24.02 -0.59 0.00	32.73 -0.85 0.00	34.96 -0.96 0.00	38.36 -1.08 0.20	37.71 -1.03 0.00	32.51 -0.93 0.09	31.37 -0.91 0.00	29.55 -0.78 0.00
SENECA___115KV_TB3 355854	26.10 -2.06 2.26	25.86 -2.14 4.54	25.76 -2.30 4.54	23.39 -2.16 4.35	24.26 -1.96 4.19	25.09 -1.84 2.13	30.91 -2.45 3.08	37.56 -2.78 3.76	36.58 -2.79 5.10	28.06 -1.73 0.00	31.04 -1.17 0.00	29.91 -0.69 0.00	26.17 -0.64 0.00	25.57 -0.74 0.00	23.34 -0.80 0.00	26.02 -0.89 0.00	23.65 -0.96 0.00	28.90 -1.82 2.86	32.03 -2.23 1.67	32.75 -2.61 4.29	31.37 -2.14 5.22	28.40 -2.05 3.07	30.80 -1.48 0.00	29.17 -1.16 0.00
SENECA___ENERGY 23797	30.18 -1.04 -0.79	33.18 -1.02 -1.66	33.21 -1.05 -1.66	30.53 -0.96 -1.59	31.02 -0.93 -1.53	28.94 -0.90 -0.78	36.43 -1.02 -1.01	40.83 -1.11 2.16	40.94 -1.28 2.26	28.83 -0.96 0.00	31.35 -0.86 0.00	29.96 -0.63 0.00	26.16 -0.65 0.00	25.71 -0.60 0.00	23.62 -0.51 0.00	26.40 -0.51 0.00	24.18 -0.43 0.00	33.97 -0.65 -1.04	35.74 -0.78 -0.61	39.71 -0.89 -0.95	39.80 -0.85 -1.91	33.49 -0.89 -0.86	31.47 -0.81 0.00	29.60 -0.73 0.00
SHOEMAKER___GT 23640	31.15 0.72 0.00	33.30 0.76 0.00	33.37 0.78 0.00	30.62 0.72 0.00	31.04 0.64 0.00	29.74 0.68 0.00	37.46 1.07 0.04	44.22 1.40 1.29	44.35 1.35 1.47	30.57 0.78 0.00	33.02 0.81 0.00	31.26 0.66 0.00	27.41 0.61 0.00	26.93 0.62 0.00	24.68 0.55 0.00	27.58 0.67 0.00	25.32 0.71 0.00	34.55 0.97 0.00	36.98 1.06 0.00	40.71 1.29 0.22	39.79 1.05 0.00	34.32 0.90 0.09	33.06 0.78 0.00	30.92 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	31.13 0.71 0.00	33.30 0.76 0.00	33.36 0.76 0.00	30.61 0.71 0.00	31.02 0.61 0.00	29.72 0.66 0.00	37.44 1.05 0.04	44.21 1.39 1.29	44.33 1.33 1.47	30.57 0.78 0.00	33.03 0.82 0.00	31.28 0.69 0.00	27.43 0.63 0.00	26.95 0.64 0.00	24.70 0.56 0.00	27.60 0.69 0.00	25.33 0.72 0.00	34.56 0.98 0.00	36.97 1.05 0.00	40.71 1.29 0.22	39.78 1.04 0.00	34.31 0.88 0.09	33.04 0.76 0.00	30.90 0.58 0.00
SHOREHAM_IC_1 23715	31.96 1.54 0.00	34.34 1.80 0.00	34.33 1.73 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.89 2.50 0.04	45.60 2.78 1.27	45.00 1.98 1.45	30.91 1.12 0.00	33.47 1.26 0.00	31.55 0.95 0.00	27.22 0.41 0.00	26.57 0.25 0.00	24.40 0.26 0.00	27.69 0.78 0.00	25.53 0.92 0.00	34.73 1.15 0.00	37.06 1.15 0.00	41.14 1.72 0.22	39.63 0.89 0.00	34.23 0.81 0.09	32.93 0.65 0.00	31.48 0.38 -0.78
SHOREHAM_IC_2 23716	31.96 1.54 0.00	34.34 1.80 0.00	34.33 1.73 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.89 2.50 0.04	45.60 2.78 1.27	45.00 1.98 1.45	30.91 1.12 0.00	33.47 1.26 0.00	31.55 0.95 0.00	27.22 0.41 0.00	26.57 0.25 0.00	24.40 0.26 0.00	27.69 0.78 0.00	25.53 0.92 0.00	34.73 1.15 0.00	37.06 1.15 0.00	41.14 1.72 0.22	39.63 0.89 0.00	34.23 0.81 0.09	32.93 0.65 0.00	31.48 0.38 -0.78
SISSONVILLE____ 23735	30.78 -0.32 -0.67	40.18 -0.40 -8.05	40.26 -0.42 -8.09	37.15 -0.45 -7.69	37.85 -0.32 -7.76	36.35 -0.28 -7.57	44.86 -0.27 -8.70	52.89 -0.43 -9.22	52.96 -0.51 -8.99	37.07 -0.35 -7.63	37.87 -0.42 -6.08	30.14 -0.46 0.00	28.87 -0.41 -2.47	25.96 -0.35 0.00	23.88 -0.26 0.00	28.34 -0.39 -1.83	24.25 -0.36 0.00	33.18 -0.41 0.00	35.64 -0.28 0.00	39.21 -0.32 0.11	38.72 -0.02 0.00	37.45 -0.12 -4.05	36.32 -0.09 -4.13	30.20 -0.13 0.00
SITHE_IND_GS1 24169	29.37 -1.06 0.00	31.46 -1.07 0.00	31.51 -1.09 0.00	28.93 -0.97 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.73 -1.40 0.31	32.58 -1.73 9.80	31.06 -1.77 11.65	28.64 -1.15 0.00	30.98 -1.24 0.00	29.53 -1.07 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.76 -0.84 0.00	32.35 -1.23 0.00	34.56 -1.36 0.00	36.40 -1.51 1.73	37.30 -1.44 0.00	31.50 -1.28 0.75	31.07 -1.21 0.00	29.31 -1.02 0.00
SITHE_IND_GS2 24170	29.37 -1.06 0.00	31.46 -1.07 0.00	31.51 -1.09 0.00	28.93 -0.97 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.73 -1.40 0.31	32.58 -1.73 9.80	31.06 -1.77 11.65	28.64 -1.15 0.00	30.98 -1.24 0.00	29.53 -1.07 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.76 -0.84 0.00	32.35 -1.23 0.00	34.56 -1.36 0.00	36.40 -1.51 1.73	37.30 -1.44 0.00	31.50 -1.28 0.75	31.07 -1.21 0.00	29.31 -1.02 0.00
SITHE_IND_GS3 24171	29.37 -1.06 0.00	31.46 -1.07 0.00	31.51 -1.09 0.00	28.93 -0.97 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.73 -1.40 0.31	32.58 -1.73 9.80	31.06 -1.77 11.65	28.64 -1.15 0.00	30.98 -1.24 0.00	29.53 -1.07 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.76 -0.84 0.00	32.35 -1.23 0.00	34.56 -1.36 0.00	36.40 -1.51 1.73	37.30 -1.44 0.00	31.50 -1.28 0.75	31.07 -1.21 0.00	29.31 -1.02 0.00
SITHE_IND_GS4 24172	29.37 -1.06 0.00	31.46 -1.07 0.00	31.51 -1.09 0.00	28.93 -0.97 0.00	29.42 -0.99 0.00	28.07 -1.00 0.00	34.73 -1.40 0.31	32.58 -1.73 9.80	31.06 -1.77 11.65	28.64 -1.15 0.00	30.98 -1.24 0.00	29.53 -1.07 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.76 -0.84 0.00	32.35 -1.23 0.00	34.56 -1.36 0.00	36.40 -1.51 1.73	37.30 -1.44 0.00	31.50 -1.28 0.75	31.07 -1.21 0.00	29.31 -1.02 0.00

SITHE___BATAVIA 24024	26.73 -1.61 2.09	26.67 -1.65 4.22	26.57 -1.81 4.21	24.20 -1.67 4.04	25.05 -1.46 3.89	25.71 -1.37 1.98	31.74 -1.82 2.87	38.28 -1.97 3.85	37.21 -2.10 5.16	28.40 -1.39 0.00	31.45 -0.76 0.00	30.39 -0.21 0.00	26.57 -0.23 0.00	25.78 -0.54 0.00	23.09 -1.05 0.00	25.76 -1.14 0.00	23.48 -1.14 0.00	28.95 -1.97 2.66	32.22 -2.15 1.55	33.87 -1.73 4.04	32.62 -1.27 4.85	29.26 -1.38 2.88	31.33 -0.96 0.00	29.62 -0.70 0.00
SITHE___INDEPEND 23800	29.37 -1.06 0.00	31.45 -1.09 0.00	31.51 -1.10 0.00	28.92 -0.98 0.00	29.41 -0.99 0.00	28.05 -1.01 0.00	34.72 -1.40 0.31	32.56 -1.74 9.80	31.06 -1.76 11.65	28.64 -1.15 0.00	30.98 -1.24 0.00	29.52 -1.08 0.00	25.90 -0.91 0.00	25.39 -0.92 0.00	23.29 -0.85 0.00	25.98 -0.93 0.00	23.77 -0.84 0.00	32.34 -1.24 0.00	34.56 -1.36 0.00	36.40 -1.51 1.73	37.29 -1.45 0.00	31.50 -1.27 0.75	31.07 -1.21 0.00	29.31 -1.02 0.00
SITHE___MASSENA 23902	30.91 0.32 -0.16	34.77 0.31 -1.92	34.82 0.29 -1.93	31.95 0.21 -1.83	32.57 0.31 -1.85	31.17 0.30 -1.80	38.87 0.38 -2.06	46.40 0.37 -1.91	46.60 0.34 -1.79	31.87 0.31 -1.78	33.94 0.32 -1.42	30.87 0.27 0.00	27.62 0.24 -0.58	26.61 0.30 0.00	24.41 0.27 0.00	27.51 0.18 -0.42	24.78 0.16 0.00	33.81 0.23 0.00	36.24 0.32 0.00	39.91 0.34 0.07	39.31 0.56 0.00	34.84 0.40 -0.92	33.70 0.46 -0.96	30.82 0.49 0.00
SITHE___OGDNSBRG 24021	31.62 0.72 -0.48	38.93 0.72 -5.67	39.00 0.71 -5.69	35.89 0.57 -5.42	36.61 0.74 -5.46	35.12 0.73 -5.33	43.55 1.00 -6.12	51.56 1.07 -6.38	51.53 0.86 -6.20	35.61 0.46 -5.36	36.90 0.42 -4.27	30.83 0.23 0.00	28.78 0.24 -1.74	26.62 0.31 0.00	24.54 0.40 0.00	28.57 0.38 -1.28	24.99 0.38 0.00	34.29 0.71 0.00	36.76 0.84 0.00	40.53 0.99 0.10	40.00 1.26 0.00	37.32 0.97 -2.83	36.12 0.94 -2.90	31.25 0.92 0.00
SITHE___STERLING 23777	30.55 0.12 0.00	32.68 0.14 0.00	32.72 0.12 0.00	30.04 0.14 0.00	30.56 0.15 0.00	29.26 0.19 0.00	36.79 0.43 0.06	42.69 0.56 1.98	42.74 0.55 2.28	30.07 0.29 0.00	32.50 0.29 0.00	30.84 0.24 0.00	26.95 0.14 0.00	26.43 0.11 0.00	24.24 0.10 0.00	27.06 0.15 0.00	24.75 0.14 0.00	34.03 0.45 0.00	36.53 0.61 0.00	39.96 0.66 0.34	39.43 0.68 0.00	33.99 0.62 0.15	32.74 0.45 0.00	30.63 0.30 0.00
SLEIGHT__34_KV_TB1 80719	29.14 -1.27 0.02	31.24 -1.29 0.00	31.24 -1.36 0.00	28.67 -1.23 0.00	29.26 -1.15 0.00	27.97 -1.10 0.00	34.95 -1.38 0.10	39.43 -1.60 3.08	39.12 -1.75 3.60	28.55 -1.24 0.00	31.12 -1.09 0.00	29.82 -0.78 0.00	26.15 -0.65 0.00	25.62 -0.69 0.00	23.47 -0.67 0.00	26.22 -0.68 0.00	23.96 -0.65 0.00	32.55 -1.03 0.00	34.75 -1.17 0.00	37.77 -1.34 0.53	37.60 -1.14 0.00	32.11 -1.17 0.23	31.24 -1.04 0.00	29.47 -0.86 0.00
SOUTH CAIRO___GT 23612	31.96 1.53 0.00	34.10 1.57 0.00	34.20 1.60 0.00	31.45 1.55 0.00	31.95 1.54 0.00	30.67 1.60 0.00	38.47 2.08 0.04	45.42 2.56 1.25	45.72 2.66 1.41	31.48 1.69 0.00	33.61 1.39 0.00	31.77 1.18 0.00	27.62 0.81 0.00	27.05 0.73 0.00	24.70 0.56 0.00	27.57 0.67 0.00	25.33 0.72 0.00	35.04 1.46 0.00	37.84 1.92 0.00	41.68 2.25 0.21	40.79 2.06 0.00	35.25 1.82 0.09	33.91 1.63 0.00	31.77 1.44 0.00
SOUTH HAMPTN___IC 23720	32.20 1.77 0.00	34.60 2.07 0.00	34.61 2.01 0.00	31.73 1.83 0.00	32.16 1.74 0.00	30.99 1.93 0.00	39.23 2.84 0.04	46.01 3.18 1.27	45.41 2.39 1.45	31.23 1.44 0.00	33.79 1.57 0.00	31.88 1.28 0.00	27.69 0.88 0.00	26.98 0.67 0.00	24.72 0.58 0.00	27.84 0.93 0.00	25.67 1.06 0.00	34.94 1.36 0.00	37.21 1.29 0.00	41.20 1.78 0.22	39.66 0.92 0.00	34.24 0.82 0.09	32.92 0.64 0.00	31.45 0.36 -0.76
SOUTHDOW_115KV_TB1 355954	28.24 -2.10 0.08	30.32 -2.22 0.00	30.25 -2.36 0.00	27.76 -2.15 0.00	28.39 -2.02 0.00	27.73 -1.33 0.00	34.86 -1.47 0.10	39.78 -1.29 3.04	39.85 -1.06 3.56	28.65 -1.14 0.00	31.48 -0.73 0.00	30.09 -0.51 0.00	26.35 -0.46 0.00	26.19 -0.12 0.00	24.16 0.02 0.00	26.91 0.00 0.00	24.41 -0.20 0.00	32.34 -1.24 0.00	34.14 -1.78 0.00	37.20 -1.92 0.53	37.06 -1.68 0.00	31.65 -1.64 0.23	31.20 -1.08 0.00	29.31 -1.02 0.00
SOUTHOLD_69_KV_BK 2 55809	32.50 2.07 0.00	34.99 2.45 0.00	34.99 2.40 0.00	32.02 2.12 0.00	32.47 2.06 0.00	31.34 2.27 0.00	39.72 3.33 0.04	46.52 3.69 1.27	45.85 2.83 1.45	31.58 1.79 0.00	34.11 1.90 0.00	32.21 1.61 0.00	27.90 1.10 0.00	27.12 0.81 0.00	24.77 0.63 0.00	27.85 0.94 0.00	25.68 1.07 0.00	34.96 1.38 0.00	37.11 1.19 0.00	40.97 1.54 0.22	39.32 0.58 0.00	33.92 0.49 0.09	32.58 0.29 0.00	31.10 0.00 -0.76
SOUTHOLD___IC 23719	32.48 2.06 0.00	34.95 2.41 0.00	34.97 2.37 0.00	32.02 2.12 0.00	32.47 2.06 0.00	31.33 2.27 0.00	39.72 3.33 0.04	46.52 3.69 1.27	45.85 2.83 1.45	31.58 1.79 0.00	34.12 1.91 0.00	32.20 1.60 0.00	27.90 1.09 0.00	27.12 0.80 0.00	24.77 0.63 0.00	27.85 0.94 0.00	25.68 1.07 0.00	34.95 1.37 0.00	37.11 1.19 0.00	40.95 1.53 0.22	39.31 0.57 0.00	33.92 0.49 0.09	32.58 0.30 0.00	31.10 0.01 -0.76
SOUTH_FORK_WT_PWR 323839	32.44 2.01 0.00	34.95 2.41 0.00	34.97 2.37 0.00	32.00 2.10 0.00	32.44 2.03 0.00	31.33 2.27 0.00	39.74 3.35 0.04	46.46 3.63 1.27	45.72 2.70 1.45	31.53 1.74 0.00	34.04 1.83 0.00	32.14 1.54 0.00	27.83 1.02 0.00	27.01 0.69 0.00	24.60 0.46 0.00	27.65 0.74 0.00	25.45 0.84 0.00	34.65 1.07 0.00	36.64 0.72 0.00	40.35 0.92 0.22	38.64 -0.10 0.00	33.33 -0.09 0.09	32.00 -0.28 0.00	30.56 -0.53 -0.76
SPIERFLS_115KV_TB 1 80737	31.38 0.96 0.00	33.50 0.97 0.00	33.62 1.02 0.00	30.92 1.02 0.00	31.40 0.99 0.00	30.17 1.10 0.00	37.96 1.57 0.04	44.47 1.62 1.26	44.77 1.72 1.42	30.76 0.97 0.00	33.07 0.86 0.00	31.21 0.62 0.00	27.17 0.37 0.00	26.67 0.35 0.00	24.48 0.34 0.00	27.62 0.71 0.00	25.28 0.67 0.00	34.74 1.16 0.00	37.32 1.40 0.00	40.97 1.54 0.21	40.02 1.27 0.00	34.51 1.09 0.09	33.34 1.06 0.00	31.21 0.88 0.00
ST LAWRENCE____ 23600	30.50 0.08 0.00	32.58 0.04 0.00	32.63 0.03 0.00	29.88 -0.03 0.00	30.46 0.06 0.00	29.11 0.05 0.00	36.47 0.05 0.01	43.75 0.00 0.36	44.06 0.00 0.41	29.89 0.10 0.00	32.30 0.09 0.00	30.66 0.06 0.00	26.87 0.06 0.00	26.42 0.11 0.00	24.22 0.08 0.00	26.88 -0.03 0.00	24.59 -0.02 0.00	33.56 -0.02 0.00	35.97 0.05 0.00	39.59 0.01 0.06	38.95 0.21 0.00	33.59 0.09 0.03	32.45 0.17 0.00	30.55 0.22 0.00
STATE_CA_115KV_115_LB 55624	31.16 0.74 0.00	33.26 0.73 0.00	33.36 0.76 0.00	30.67 0.78 0.00	31.12 0.71 0.00	29.82 0.75 0.00	37.29 0.90 0.04	43.89 1.03 1.25	44.23 1.17 1.41	30.59 0.81 0.00	32.97 0.75 0.00	31.22 0.62 0.00	27.30 0.49 0.00	26.79 0.48 0.00	24.54 0.40 0.00	27.44 0.53 0.00	25.09 0.48 0.00	34.34 0.76 0.00	36.76 0.83 0.00	40.29 0.86 0.21	39.39 0.65 0.00	34.13 0.70 0.09	32.90 0.62 0.00	30.84 0.52 0.00

STATE_ST_34_KV_LOAD 55959	29.98 -0.47 -0.02	32.16 -0.38 0.00	32.21 -0.39 0.00	29.57 -0.33 0.00	30.09 -0.32 0.00	28.75 -0.32 0.00	36.02 -0.34 0.07	41.39 -0.47 2.24	41.26 -0.61 2.60	29.28 -0.51 0.00	31.73 -0.48 0.00	30.27 -0.33 0.00	26.48 -0.33 0.00	25.92 -0.40 0.00	23.82 -0.32 0.00	26.61 -0.30 0.00	24.41 -0.20 0.00	33.33 -0.24 0.00	35.67 -0.25 0.00	39.00 -0.25 0.39	38.51 -0.23 0.00	32.98 -0.37 0.17	31.91 -0.37 0.00	30.02 -0.31 0.00
STATION 5_MISC_HYD 23604	28.41 -1.43 0.60	29.95 -1.44 1.15	29.91 -1.55 1.14	27.39 -1.42 1.10	28.06 -1.30 1.06	27.27 -1.26 0.54	33.86 -1.71 0.86	38.60 -1.96 3.54	38.07 -2.07 4.33	28.39 -1.40 0.00	31.19 -1.02 0.00	30.00 -0.60 0.00	26.29 -0.52 0.00	25.69 -0.62 0.00	23.46 -0.68 0.00	26.18 -0.73 0.00	23.85 -0.76 0.00	31.55 -1.31 0.72	34.02 -1.48 0.42	36.47 -1.63 1.53	36.10 -1.32 1.32	31.19 -1.36 0.97	31.19 -1.10 0.00	29.46 -0.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.47 -0.92 0.03	31.62 -0.92 0.00	31.61 -0.99 0.00	29.01 -0.89 0.00	29.59 -0.82 0.00	28.31 -0.76 0.00	35.43 -0.91 0.09	40.36 -0.97 2.78	40.12 -1.10 3.25	28.97 -0.82 0.00	31.60 -0.61 0.00	30.28 -0.32 0.00	26.53 -0.27 0.00	26.02 -0.30 0.00	23.85 -0.29 0.00	26.63 -0.27 0.00	24.34 -0.27 0.00	33.07 -0.51 0.00	35.25 -0.67 0.00	38.40 -0.76 0.48	38.10 -0.64 0.00	32.58 -0.73 0.21	31.67 -0.62 0.00	29.84 -0.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.84 -1.55 0.04	30.94 -1.60 0.00	30.91 -1.69 0.00	28.35 -1.55 0.00	28.97 -1.44 0.00	27.69 -1.38 0.00	34.49 -1.84 0.11	38.64 -2.10 3.37	38.30 -2.23 3.95	28.30 -1.49 0.00	31.05 -1.16 0.00	29.85 -0.75 0.00	26.17 -0.64 0.00	25.59 -0.73 0.00	23.37 -0.77 0.00	26.10 -0.81 0.00	23.78 -0.83 0.00	32.19 -1.40 0.00	34.33 -1.59 0.00	37.26 -1.79 0.59	37.26 -1.49 0.00	31.80 -1.47 0.25	31.06 -1.22 0.00	29.33 -1.00 0.00
STA_56___34_KV_BUS2 355983	28.84 -1.55 0.04	30.94 -1.60 0.00	30.91 -1.69 0.00	28.35 -1.55 0.00	28.97 -1.44 0.00	27.69 -1.38 0.00	34.49 -1.84 0.11	38.64 -2.10 3.37	38.30 -2.23 3.95	28.30 -1.49 0.00	31.05 -1.16 0.00	29.85 -0.75 0.00	26.17 -0.64 0.00	25.59 -0.73 0.00	23.37 -0.77 0.00	26.10 -0.81 0.00	23.78 -0.83 0.00	32.19 -1.40 0.00	34.33 -1.59 0.00	37.26 -1.79 0.59	37.26 -1.49 0.00	31.80 -1.47 0.25	31.06 -1.22 0.00	29.33 -1.00 0.00
STA_67___115KV_BK2 355882	28.32 -1.50 0.61	29.83 -1.53 1.17	29.79 -1.64 1.17	27.28 -1.50 1.12	27.95 -1.39 1.08	27.18 -1.33 0.55	33.75 -1.80 0.87	38.49 -2.06 3.55	37.95 -2.18 4.34	28.33 -1.46 0.00	31.11 -1.10 0.00	29.92 -0.68 0.00	26.22 -0.59 0.00	25.63 -0.69 0.00	23.40 -0.74 0.00	26.13 -0.78 0.00	23.80 -0.81 0.00	31.45 -1.39 0.74	33.91 -1.58 0.43	36.31 -1.78 1.56	35.94 -1.45 1.35	31.09 -1.44 0.99	31.11 -1.17 0.00	29.39 -0.93 0.00
STA_7___115KV_9TRANS 80674	28.51 -1.32 0.60	30.05 -1.34 1.15	30.00 -1.46 1.15	27.47 -1.33 1.10	28.14 -1.21 1.06	27.38 -1.15 0.54	34.01 -1.56 0.86	38.77 -1.79 3.54	38.23 -1.91 4.33	28.50 -1.29 0.00	31.32 -0.89 0.00	30.13 -0.47 0.00	26.41 -0.40 0.00	25.81 -0.51 0.00	23.56 -0.58 0.00	26.30 -0.60 0.00	23.96 -0.65 0.00	31.69 -1.17 0.72	34.20 -1.30 0.42	36.66 -1.45 1.54	36.30 -1.12 1.32	31.36 -1.18 0.97	31.35 -0.93 0.00	29.60 -0.72 0.00
STA_82___115KV_TB1 80780	28.88 -1.50 0.04	31.00 -1.53 0.00	30.95 -1.65 0.00	28.40 -1.50 0.00	29.02 -1.39 0.00	27.74 -1.33 0.00	34.52 -1.80 0.11	38.67 -2.06 3.38	38.33 -2.18 3.96	28.33 -1.46 0.00	31.11 -1.10 0.00	29.92 -0.68 0.00	26.23 -0.58 0.00	25.64 -0.68 0.00	23.40 -0.73 0.00	26.13 -0.78 0.00	23.80 -0.81 0.00	32.19 -1.39 0.00	34.34 -1.58 0.00	37.28 -1.77 0.59	37.30 -1.44 0.00	31.83 -1.44 0.25	31.11 -1.17 0.00	29.39 -0.93 0.00
STEEL___WIND 323596	26.09 -2.08 2.26	25.87 -2.13 4.54	25.77 -2.30 4.54	23.37 -2.18 4.35	24.27 -1.95 4.19	25.07 -1.86 2.13	30.86 -2.50 3.08	37.51 -2.83 3.76	36.53 -2.84 5.10	28.01 -1.78 0.00	31.01 -1.20 0.00	29.85 -0.75 0.00	26.12 -0.69 0.00	25.52 -0.79 0.00	23.29 -0.85 0.00	25.97 -0.94 0.00	23.61 -1.00 0.00	28.87 -1.85 2.86	31.99 -2.27 1.67	32.73 -2.62 4.29	31.33 -2.19 5.22	28.35 -2.10 3.07	30.76 -1.53 0.00	29.11 -1.22 0.00
STEPHTWN_115KV_BK_2 55603	31.29 0.86 0.00	33.43 0.89 0.00	33.48 0.88 0.00	30.76 0.86 0.00	31.25 0.84 0.00	30.00 0.93 0.00	37.54 1.15 0.04	44.20 1.34 1.24	44.56 1.50 1.41	30.72 0.93 0.00	33.09 0.87 0.00	31.36 0.76 0.00	27.38 0.57 0.00	26.91 0.60 0.00	24.60 0.47 0.00	27.53 0.62 0.00	25.14 0.53 0.00	34.59 1.00 0.00	37.01 1.09 0.00	40.63 1.20 0.21	39.70 0.96 0.00	34.34 0.91 0.09	33.10 0.81 0.00	31.00 0.68 0.00
STEUBEN_REC_LFGE 323667	35.09 -3.24 -7.90	46.32 -3.05 -16.83	46.12 -3.29 -16.80	43.01 -3.01 -16.12	42.97 -2.96 -15.52	33.98 -2.98 -7.90	43.95 -3.41 -10.94	40.04 -3.62 0.45	42.83 -3.71 -2.06	27.38 -2.41 0.00	30.72 -1.50 0.00	29.50 -1.10 0.00	25.53 -1.28 -0.01	24.62 -1.69 0.00	22.63 -1.51 0.00	25.43 -1.48 0.00	23.32 -1.29 0.00	41.96 -2.21 -10.59	39.76 -2.32 -6.16	50.48 -2.54 -13.37	55.05 -3.03 -19.34	40.65 -3.15 -10.28	29.63 -2.65 0.00	27.84 -2.49 0.00
STILLWATER___SOLAR 323814	31.65 1.22 0.00	33.80 1.26 0.00	33.92 1.32 0.00	31.15 1.26 0.00	31.63 1.22 0.00	30.35 1.29 0.00	38.11 1.73 0.04	44.73 1.88 1.25	45.01 1.96 1.42	30.98 1.20 0.00	33.34 1.13 0.00	31.48 0.88 0.00	27.44 0.63 0.00	26.93 0.61 0.00	24.69 0.56 0.00	27.80 0.89 0.00	25.40 0.79 0.00	34.87 1.29 0.00	37.44 1.52 0.00	41.10 1.67 0.21	40.16 1.42 0.00	34.66 1.24 0.09	33.48 1.20 0.00	31.38 1.05 0.00
STONY___BROOK 24151	32.07 1.65 0.00	34.33 1.79 0.00	34.32 1.72 0.00	31.48 1.58 0.00	31.88 1.48 0.00	30.68 1.62 0.00	38.69 2.31 0.04	45.60 2.78 1.27	45.45 2.43 1.45	31.32 1.54 0.00	33.98 1.76 0.00	32.10 1.50 0.00	27.98 1.17 0.00	27.35 1.03 0.00	25.08 0.94 0.00	28.21 1.31 0.00	25.97 1.36 0.00	35.34 1.76 0.00	37.73 1.81 0.00	41.72 2.29 0.22	40.38 1.64 0.00	34.87 1.44 0.09	33.57 1.29 0.00	32.10 0.98 -0.80
STURGEON_POOL_HYD 23609	31.51 1.08 0.00	33.69 1.15 0.00	33.75 1.15 0.00	30.95 1.05 0.00	31.37 0.96 0.00	30.06 1.00 0.00	37.90 1.51 0.04	44.82 1.99 1.27	44.96 1.94 1.45	31.01 1.22 0.00	33.56 1.34 0.00	31.80 1.20 0.00	27.87 1.07 0.00	27.34 1.03 0.00	25.07 0.93 0.00	28.02 1.12 0.00	25.69 1.08 0.00	35.05 1.47 0.00	37.47 1.54 0.00	41.25 1.82 0.22	40.27 1.53 0.00	34.72 1.29 0.09	33.42 1.13 0.00	31.23 0.91 0.00
ST_LAW_115_BK7_LBMP 345037	30.53 0.10 0.00	32.62 0.08 0.00	32.66 0.06 0.00	29.90 0.00 0.00	30.50 0.09 0.00	29.14 0.08 0.00	36.50 0.08 0.01	43.75 0.02 0.37	44.08 0.03 0.42	29.90 0.11 0.00	32.32 0.11 0.00	30.68 0.08 0.00	26.88 0.08 0.00	26.44 0.12 0.00	24.24 0.10 0.00	26.90 -0.01 0.00	24.60 -0.01 0.00	33.56 -0.02 0.00	35.98 0.06 0.00	39.59 0.02 0.06	38.97 0.23 0.00	33.61 0.12 0.03	32.48 0.20 0.00	30.58 0.25 0.00

ST_LAW_115_BK8_LBMP 345038	30.53 0.10 0.00	32.62 0.08 0.00	32.66 0.06 0.00	29.90 0.00 0.00	30.50 0.09 0.00	29.14 0.08 0.00	36.50 0.08 0.01	43.75 0.02 0.37	44.08 0.03 0.42	29.90 0.11 0.00	32.32 0.11 0.00	30.68 0.08 0.00	26.88 0.08 0.00	26.44 0.12 0.00	24.24 0.10 0.00	26.90 -0.01 0.00	24.60 -0.01 0.00	33.56 -0.02 0.00	35.98 0.06 0.00	39.59 0.02 0.06	38.97 0.23 0.00	33.61 0.12 0.03	32.48 0.20 0.00	30.58 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	30.50 0.08 0.00	32.58 0.04 0.00	32.63 0.03 0.00	29.88 -0.03 0.00	30.46 0.06 0.00	29.11 0.05 0.00	36.47 0.05 0.01	43.76 0.00 0.34	44.08 0.00 0.39	29.89 0.10 0.00	32.30 0.09 0.00	30.66 0.06 0.00	26.87 0.06 0.00	26.42 0.11 0.00	24.22 0.08 0.00	26.88 -0.03 0.00	24.59 -0.02 0.00	33.56 -0.02 0.00	35.97 0.05 0.00	39.59 0.01 0.06	38.95 0.21 0.00	33.59 0.09 0.03	32.45 0.17 0.00	30.55 0.22 0.00
ST_LAW_230_BK6_LBMP 345036	30.50 0.08 0.00	32.58 0.04 0.00	32.63 0.03 0.00	29.88 -0.03 0.00	30.46 0.06 0.00	29.11 0.05 0.00	36.47 0.05 0.01	43.76 0.00 0.34	44.08 0.00 0.39	29.89 0.10 0.00	32.30 0.09 0.00	30.66 0.06 0.00	26.87 0.06 0.00	26.42 0.11 0.00	24.22 0.08 0.00	26.88 -0.03 0.00	24.59 -0.02 0.00	33.56 -0.02 0.00	35.97 0.05 0.00	39.59 0.01 0.06	38.95 0.21 0.00	33.59 0.09 0.03	32.45 0.17 0.00	30.55 0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.21 0.78 0.00	33.36 0.83 0.00	33.43 0.82 0.00	30.68 0.78 0.00	31.08 0.67 0.00	29.79 0.72 0.00	37.56 1.17 0.04	44.40 1.58 1.28	44.49 1.48 1.46	30.67 0.89 0.00	33.18 0.97 0.00	31.45 0.85 0.00	27.58 0.77 0.00	27.06 0.75 0.00	24.82 0.68 0.00	27.76 0.85 0.00	25.46 0.85 0.00	34.73 1.15 0.00	37.12 1.20 0.00	40.89 1.47 0.22	39.92 1.17 0.00	34.41 0.99 0.09	33.12 0.84 0.00	30.96 0.63 0.00
SWANROAD_115KV_TB1 355699	24.49 -3.02 2.92	23.46 -3.17 5.91	23.35 -3.35 5.90	21.16 -3.08 5.66	22.07 -2.89 5.45	23.51 -2.78 2.77	28.71 -3.75 3.97	35.66 -4.43 4.01	34.43 -4.44 5.61	27.04 -2.75 0.00	29.91 -2.30 0.00	28.87 -1.72 0.00	25.27 -1.54 0.00	24.63 -1.68 0.00	22.43 -1.71 0.00	24.98 -1.93 0.00	22.71 -1.90 0.00	26.71 -3.15 3.72	30.19 -3.57 2.17	30.11 -4.11 5.42	28.44 -3.50 6.79	26.38 -3.21 3.93	29.77 -2.52 0.00	28.29 -2.04 0.00
SYNERGY___BIOGAS 323694	26.73 -1.61 2.09	26.67 -1.65 4.22	26.57 -1.81 4.21	24.20 -1.67 4.04	25.05 -1.46 3.89	25.71 -1.37 1.98	31.74 -1.82 2.87	38.28 -1.97 3.85	37.21 -2.10 5.16	28.40 -1.39 0.00	31.45 -0.76 0.00	30.39 -0.21 0.00	26.57 -0.23 0.00	25.78 -0.54 0.00	23.09 -1.05 0.00	25.76 -1.14 0.00	23.48 -1.14 0.00	28.95 -1.97 2.66	32.22 -2.15 1.55	33.87 -1.73 4.04	32.62 -1.27 4.85	29.26 -1.38 2.88	31.33 -0.96 0.00	29.62 -0.70 0.00
SYRACUSE___ENERGY_ST1 323597	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
SYRACUSE___ENERGY_ST2 323598	29.89 -0.54 0.00	32.02 -0.52 0.00	32.06 -0.54 0.00	29.44 -0.47 0.00	29.94 -0.47 0.00	28.59 -0.47 0.00	35.75 -0.61 0.07	41.32 -0.69 2.10	41.27 -0.77 2.43	29.23 -0.55 0.00	31.64 -0.57 0.00	30.17 -0.43 0.00	26.42 -0.39 0.00	25.87 -0.44 0.00	23.75 -0.39 0.00	26.53 -0.37 0.00	24.31 -0.30 0.00	33.17 -0.42 0.00	35.44 -0.48 0.00	38.73 -0.55 0.36	38.23 -0.51 0.00	32.86 -0.51 0.16	31.78 -0.50 0.00	29.92 -0.41 0.00
SYRACUSE___POWER 24017	29.88 -0.56 -0.02	31.98 -0.56 0.00	32.03 -0.57 0.00	29.40 -0.51 0.00	29.91 -0.50 0.00	28.56 -0.51 0.00	35.71 -0.64 0.08	40.97 -0.70 2.44	40.87 -0.77 2.83	29.25 -0.53 0.00	31.65 -0.57 0.00	30.18 -0.42 0.00	26.44 -0.37 0.00	25.90 -0.41 0.00	23.77 -0.37 0.00	26.53 -0.38 0.00	24.29 -0.33 0.00	33.15 -0.44 0.00	35.42 -0.50 0.00	38.66 -0.56 0.42	38.21 -0.53 0.00	32.83 -0.51 0.18	31.77 -0.51 0.00	29.89 -0.43 0.00
TALLMAN___138KV_BK151 55660	31.26 0.84 0.00	33.43 0.89 0.00	33.49 0.89 0.00	30.72 0.82 0.00	31.11 0.70 0.00	29.85 0.79 0.00	37.68 1.30 0.04	44.60 1.78 1.28	44.66 1.65 1.46	30.77 0.98 0.00	33.31 1.09 0.00	31.58 0.98 0.00	27.72 0.91 0.00	27.20 0.89 0.00	24.95 0.81 0.00	27.90 0.99 0.00	25.58 0.97 0.00	34.88 1.29 0.00	37.25 1.32 0.00	41.06 1.64 0.22	40.05 1.31 0.00	34.52 1.09 0.09	33.20 0.92 0.00	31.02 0.69 0.00
TEALLAVE_115KV_TB7 355573	29.74 -0.69 0.00	31.83 -0.70 0.00	31.88 -0.72 0.00	29.26 -0.64 0.00	29.77 -0.64 0.00	28.43 -0.64 0.00	35.51 -0.84 0.08	40.60 -0.95 2.56	40.49 -1.00 2.98	29.11 -0.68 0.00	31.52 -0.69 0.00	30.07 -0.53 0.00	26.36 -0.45 0.00	25.82 -0.50 0.00	23.68 -0.46 0.00	26.44 -0.47 0.00	24.19 -0.43 0.00	32.96 -0.62 0.00	35.22 -0.70 0.00	38.40 -0.79 0.44	38.00 -0.74 0.00	32.63 -0.69 0.19	31.61 -0.67 0.00	29.76 -0.56 0.00
TELGRAPH_34_KV_EAST 80808	25.46 -2.29 2.68	24.72 -2.38 5.43	24.63 -2.54 5.42	22.35 -2.34 5.20	23.25 -2.15 5.01	24.48 -2.03 2.55	30.04 -2.73 3.66	37.00 -3.13 3.98	35.79 -3.19 5.49	27.77 -2.02 0.00	30.73 -1.49 0.00	29.65 -0.95 0.00	25.93 -0.88 0.00	25.24 -1.08 0.00	22.91 -1.22 0.00	25.57 -1.34 0.00	23.27 -1.34 0.00	27.85 -2.31 3.42	31.29 -2.64 1.99	31.72 -2.89 5.04	30.11 -2.38 6.25	27.62 -2.27 3.63	30.57 -1.72 0.00	28.97 -1.36 0.00
TEMPLE___115KV_TB 2 55572	29.74 -0.69 0.00	31.85 -0.69 0.00	31.90 -0.70 0.00	29.28 -0.62 0.00	29.78 -0.63 0.00	28.43 -0.63 0.00	35.52 -0.82 0.08	40.61 -0.93 2.57	40.50 -0.97 3.00	29.13 -0.66 0.00	31.54 -0.67 0.00	30.09 -0.51 0.00	26.37 -0.44 0.00	25.83 -0.49 0.00	23.70 -0.44 0.00	26.46 -0.45 0.00	24.21 -0.41 0.00	32.99 -0.59 0.00	35.23 -0.69 0.00	38.42 -0.78 0.44	38.01 -0.73 0.00	32.64 -0.68 0.19	31.61 -0.67 0.00	29.77 -0.56 0.00
TIANA____69_KV_BK 1 55817	32.18 1.75 0.00	34.58 2.04 0.00	34.58 1.98 0.00	31.68 1.77 0.00	32.10 1.69 0.00	30.93 1.86 0.00	39.14 2.75 0.04	45.91 3.08 1.27	45.36 2.34 1.45	31.18 1.39 0.00	33.74 1.53 0.00	31.85 1.26 0.00	27.67 0.86 0.00	26.99 0.67 0.00	24.74 0.60 0.00	27.87 0.96 0.00	25.69 1.08 0.00	34.97 1.39 0.00	37.29 1.37 0.00	41.33 1.90 0.22	39.81 1.07 0.00	34.37 0.94 0.09	33.05 0.77 0.00	31.56 0.47 -0.76
TILDEN___115KV_TB1 80814	29.88 -0.56 -0.02	31.98 -0.56 0.00	32.03 -0.57 0.00	29.40 -0.51 0.00	29.91 -0.50 0.00	28.56 -0.51 0.00	35.71 -0.64 0.08	40.97 -0.70 2.44	40.87 -0.77 2.83	29.25 -0.53 0.00	31.65 -0.57 0.00	30.18 -0.42 0.00	26.44 -0.37 0.00	25.90 -0.41 0.00	23.77 -0.37 0.00	26.53 -0.38 0.00	24.29 -0.33 0.00	33.15 -0.44 0.00	35.42 -0.50 0.00	38.66 -0.56 0.42	38.21 -0.53 0.00	32.83 -0.51 0.18	31.77 -0.51 0.00	29.89 -0.43 0.00

TRIGEN___CC 323695	31.85 1.43 0.00	34.06 1.53 0.00	34.06 1.46 0.00	31.23 1.33 0.00	31.61 1.20 0.00	30.35 1.28 0.00	38.21 1.82 0.04	45.13 2.30 1.27	45.22 2.20 1.45	31.21 1.42 0.00	33.87 1.65 0.00	32.05 1.45 0.00	28.05 1.25 0.00	27.48 1.17 0.00	25.21 1.07 0.00	28.24 1.34 0.00	25.93 1.32 0.00	35.33 1.75 0.00	37.70 1.77 0.00	41.54 2.12 0.22	40.41 1.67 0.00	34.91 1.49 0.09	33.63 1.35 0.00	37.44 1.10 -6.01
TRINITY___115KV___4 BK 55933	31.07 0.65 0.00	33.17 0.63 0.00	33.27 0.67 0.00	30.59 0.69 0.00	31.03 0.62 0.00	29.73 0.67 0.00	37.16 0.77 0.04	43.71 0.85 1.24	44.04 0.97 1.41	30.47 0.69 0.00	32.85 0.63 0.00	31.11 0.51 0.00	27.21 0.40 0.00	26.70 0.38 0.00	24.44 0.30 0.00	27.33 0.42 0.00	24.98 0.37 0.00	34.19 0.60 0.00	36.57 0.65 0.00	40.10 0.66 0.21	39.20 0.46 0.00	33.98 0.56 0.09	32.77 0.49 0.00	30.75 0.42 0.00
UNION___PROCESSING_DRP 323587	28.89 -1.50 0.04	31.00 -1.53 0.00	30.96 -1.64 0.00	28.40 -1.50 0.00	29.03 -1.38 0.00	27.75 -1.32 0.00	34.54 -1.78 0.11	38.67 -2.06 3.38	38.34 -2.18 3.96	28.33 -1.45 0.00	31.12 -1.10 0.00	29.93 -0.67 0.00	26.24 -0.57 0.00	25.64 -0.68 0.00	23.41 -0.73 0.00	26.13 -0.78 0.00	23.80 -0.81 0.00	32.19 -1.39 0.00	34.34 -1.58 0.00	37.29 -1.76 0.59	37.31 -1.43 0.00	31.83 -1.43 0.25	31.12 -1.16 0.00	29.40 -0.93 0.00
UPPER HUDSON___HYD 24058	31.38 0.96 0.00	33.50 0.96 0.00	33.61 1.01 0.00	30.92 1.02 0.00	31.40 0.99 0.00	30.17 1.10 0.00	37.97 1.58 0.04	44.47 1.62 1.26	44.77 1.72 1.42	30.76 0.97 0.00	33.08 0.86 0.00	31.21 0.61 0.00	27.17 0.37 0.00	26.67 0.35 0.00	24.48 0.34 0.00	27.61 0.71 0.00	25.28 0.67 0.00	34.74 1.16 0.00	37.32 1.39 0.00	40.97 1.54 0.21	40.01 1.27 0.00	34.51 1.08 0.09	33.34 1.06 0.00	31.21 0.88 0.00
UPPER RAQUET___HYD 24056	30.78 -0.32 -0.67	40.18 -0.41 -8.05	40.26 -0.43 -8.09	37.15 -0.45 -7.69	37.85 -0.32 -7.76	36.35 -0.29 -7.57	44.85 -0.28 -8.70	52.89 -0.44 -9.22	52.96 -0.51 -8.99	37.06 -0.36 -7.63	37.86 -0.43 -6.08	30.14 -0.46 0.00	28.87 -0.41 -2.47	25.96 -0.35 0.00	23.88 -0.26 0.00	28.34 -0.39 -1.83	24.25 -0.36 0.00	33.18 -0.41 0.00	35.63 -0.28 0.11	39.21 -0.32 0.00	38.72 -0.02 0.00	37.45 -0.12 -4.05	36.31 -0.10 -4.13	30.20 -0.12 0.00
VALLEY44_115KV_TB2 355964	28.82 -1.52 0.09	31.01 -1.53 0.00	30.92 -1.68 0.00	28.39 -1.51 0.00	28.87 -1.54 0.00	27.54 -1.52 0.00	34.52 -1.81 0.10	39.22 -1.90 2.99	38.95 -2.02 3.49	28.42 -1.37 0.00	31.46 -0.75 0.00	30.43 -0.17 0.00	26.86 0.05 0.00	26.18 -0.13 0.00	23.96 -0.18 0.00	26.65 -0.26 0.00	24.18 -0.43 0.00	32.51 -1.07 0.00	34.25 -1.67 0.00	37.31 -1.81 0.52	37.01 -1.73 0.00	31.62 -1.68 0.22	31.20 -1.08 0.00	29.42 -0.91 0.00
VALLEY___115KV_TB 1-4 80826	30.23 -0.20 0.00	32.30 -0.24 0.00	32.38 -0.22 0.00	29.77 -0.13 0.00	30.20 -0.21 0.00	28.91 -0.16 0.00	36.28 -0.10 0.05	42.47 -0.12 1.53	42.65 -0.09 1.73	29.64 -0.14 0.00	31.96 -0.26 0.00	30.12 -0.48 0.00	26.24 -0.57 0.00	25.93 -0.39 0.00	23.73 -0.41 0.00	26.41 -0.50 0.00	24.22 -0.39 0.00	33.39 -0.18 0.00	35.82 -0.10 0.00	39.38 -0.01 0.26	38.60 -0.15 0.00	33.31 -0.09 0.11	32.18 -0.10 0.00	30.14 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.28 0.85 0.00	33.46 0.92 0.00	33.57 0.97 0.00	30.83 0.93 0.00	31.33 0.92 0.00	29.98 0.92 0.00	37.70 1.33 0.06	43.83 1.63 1.91	43.84 1.58 2.21	30.75 0.97 0.00	33.29 1.08 0.00	31.60 1.00 0.00	27.66 0.85 0.00	27.16 0.85 0.00	25.01 0.87 0.00	27.85 0.94 0.00	25.49 0.88 0.00	34.83 1.25 0.00	37.22 1.30 0.00	40.78 1.46 0.33	40.19 1.45 0.00	34.54 1.17 0.14	33.35 1.07 0.00	31.23 0.91 0.00
VISCHER___FERRY HYD 24020	31.35 0.92 0.00	33.48 0.94 0.00	33.58 0.98 0.00	30.85 0.95 0.00	31.29 0.88 0.00	30.00 0.93 0.00	37.57 1.18 0.04	44.12 1.26 1.25	44.46 1.40 1.41	30.67 0.89 0.00	33.06 0.85 0.00	31.25 0.66 0.00	27.30 0.50 0.00	26.78 0.46 0.00	24.49 0.35 0.00	27.46 0.56 0.00	25.11 0.50 0.00	34.38 0.80 0.00	36.83 0.90 0.00	40.41 0.98 0.21	39.51 0.77 0.00	34.21 0.78 0.09	33.03 0.75 0.00	30.98 0.65 0.00
V_A_10_SYNC_DSASP 323832	26.14 -2.23 2.06	26.12 -2.27 4.15	26.05 -2.40 4.15	23.71 -2.21 3.98	24.52 -2.06 3.83	25.09 -2.03 1.95	30.83 -2.78 2.83	36.96 -3.24 3.90	35.93 -3.34 5.21	27.63 -2.16 0.00	30.49 -1.72 0.00	29.37 -1.23 0.00	25.72 -1.09 0.00	25.12 -1.20 0.00	22.91 -1.23 0.00	25.56 -1.35 0.00	23.24 -1.37 0.00	28.72 -2.25 2.61	31.81 -2.59 1.52	32.70 -2.95 4.00	31.48 -2.49 4.77	28.30 -2.39 2.84	30.37 -1.91 0.00	28.77 -1.56 0.00
V_CMM_10_SYNC_DSASP 323787	30.69 0.26 0.00	32.79 0.25 0.00	32.82 0.22 0.00	30.05 0.15 0.00	30.65 0.24 0.00	29.30 0.23 0.00	36.69 0.27 0.01	43.98 0.25 0.37	44.30 0.25 0.42	30.05 0.26 0.00	32.50 0.28 0.00	30.84 0.24 0.00	27.03 0.22 0.00	26.58 0.27 0.00	24.37 0.23 0.00	27.04 0.13 0.00	24.73 0.12 0.00	33.73 0.15 0.00	36.15 0.23 0.00	39.80 0.22 0.06	39.17 0.43 0.00	33.78 0.29 0.03	32.64 0.36 0.00	30.73 0.41 0.00
V_CMP_10_SYNC_DSASP 323788	25.44 -0.63 4.36	-20.40 -0.94 51.99	-20.52 -0.87 52.25	-20.63 -0.81 49.72	-20.59 -0.86 50.15	-20.64 -0.81 48.90	-20.72 -0.79 56.35	-21.24 -0.98 64.36	-20.54 -1.04 63.97	-20.63 -0.68 49.74	-8.03 -0.61 39.64	29.93 -0.67 0.00	10.11 -0.57 16.12	26.19 -0.13 0.00	23.85 -0.28 0.00	14.22 -0.78 11.91	24.15 -0.46 0.00	33.71 0.13 0.00	36.57 0.65 0.00	39.51 -0.06 0.07	38.73 -0.01 0.00	6.05 -0.75 26.71	4.48 -0.91 26.89	29.70 -0.63 0.00
V_D_10_SYNC_DSASP 323841	30.91 0.33 -0.15	34.68 0.31 -1.83	34.73 0.29 -1.84	31.87 0.21 -1.75	32.49 0.31 -1.77	31.08 0.30 -1.72	38.78 0.38 -1.97	46.29 0.37 -1.81	46.50 0.35 -1.68	31.79 0.31 -1.69	33.88 0.32 -1.35	30.87 0.27 0.00	27.60 0.25 -0.55	26.61 0.30 0.00	24.41 0.27 0.00	27.49 0.18 -0.40	24.78 0.17 0.00	33.82 0.23 0.00	36.24 0.32 0.00	39.91 0.34 0.07	39.31 0.56 0.00	34.79 0.40 -0.88	33.66 0.46 -0.91	30.82 0.49 0.00
V_E_10_SYNC_DSASP 323830	31.28 0.09 -0.76	34.05 0.15 -1.36	34.07 0.11 -1.36	31.40 0.19 -1.31	31.86 0.19 -1.26	30.06 0.36 -0.64	38.04 0.79 -0.82	43.33 1.22 1.99	43.08 0.71 2.10	29.81 0.03 0.00	32.32 0.11 0.00	30.94 0.35 0.00	26.29 -0.51 0.00	25.30 -1.02 0.00	23.82 -0.32 0.00	26.94 0.03 0.00	24.45 -0.16 0.00	35.08 0.65 -0.86	37.65 1.23 -0.50	42.02 1.64 -0.74	41.54 1.23 -1.56	35.20 0.99 -0.69	33.63 1.35 0.00	30.62 0.30 0.00
V_F_30_NSYNC___DSASP 323816	31.69 1.27 0.00	33.86 1.32 0.00	33.99 1.39 0.00	31.21 1.31 0.00	31.68 1.27 0.00	30.41 1.34 0.00	38.19 1.81 0.04	44.84 1.99 1.25	45.12 2.06 1.42	31.05 1.26 0.00	33.42 1.21 0.00	31.56 0.96 0.00	27.52 0.71 0.00	27.02 0.70 0.00	24.77 0.63 0.00	27.87 0.96 0.00	25.47 0.85 0.00	34.96 1.38 0.00	37.53 1.61 0.00	41.20 1.77 0.21	40.27 1.53 0.00	34.74 1.31 0.09	33.55 1.27 0.00	31.44 1.12 0.00

V_F_30_SYNC_DSASP 323786	31.16 0.74 0.00	33.26 0.73 0.00	33.36 0.76 0.00	30.67 0.78 0.00	31.12 0.71 0.00	29.82 0.75 0.00	37.29 0.90 0.04	43.89 1.03 1.25	44.23 1.16 1.41	30.59 0.80 0.00	32.97 0.75 0.00	31.22 0.62 0.00	27.30 0.49 0.00	26.79 0.48 0.00	24.53 0.40 0.00	27.43 0.53 0.00	25.09 0.48 0.00	34.34 0.76 0.00	36.75 0.83 0.00	40.28 0.85 0.21	39.39 0.65 0.00	34.13 0.70 0.09	32.90 0.62 0.00	30.84 0.51 0.00
V_XM_10_SYNC_DSASP 323789	25.44 -0.63 4.36	-20.40 -0.94 51.99	-20.52 -0.87 52.25	-20.63 -0.81 49.72	-20.59 -0.86 50.15	-20.64 -0.81 48.90	-20.72 -0.79 56.35	-21.24 -0.98 64.36	-20.54 -1.04 63.97	-20.63 -0.68 49.74	-8.03 -0.61 39.64	29.93 -0.67 0.00	10.11 -0.57 16.12	26.19 -0.13 0.00	23.85 -0.28 0.00	14.22 -0.78 11.91	24.15 -0.46 0.00	33.71 0.13 0.00	36.57 0.65 0.00	39.51 -0.06 0.07	38.73 -0.01 0.00	6.05 -0.75 26.71	4.48 -0.91 26.89	29.70 -0.63 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.39 0.96 0.00	33.55 1.02 0.00	33.62 1.02 0.00	30.83 0.93 0.00	31.24 0.83 0.00	30.09 1.02 0.00	38.00 1.61 0.04	45.01 2.18 1.28	45.09 2.07 1.46	31.06 1.28 0.00	33.62 1.40 0.00	31.88 1.29 0.00	27.96 1.16 0.00	27.46 1.15 0.00	25.18 1.04 0.00	28.16 1.25 0.00	25.69 1.08 0.00	35.02 1.44 0.00	37.40 1.49 0.00	41.24 1.81 0.22	40.21 1.47 0.00	34.65 1.23 0.09	33.34 1.06 0.00	31.14 0.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.70 1.28 0.00	33.87 1.34 0.00	33.91 1.32 0.00	31.11 1.21 0.00	31.50 1.10 0.00	30.20 1.14 0.00	38.19 1.81 0.04	45.24 2.42 1.27	45.33 2.31 1.45	31.25 1.46 0.00	33.87 1.66 0.00	32.12 1.52 0.00	28.21 1.41 0.00	27.66 1.35 0.00	25.33 1.19 0.00	28.31 1.40 0.00	25.97 1.36 0.00	35.39 1.81 0.00	37.78 1.86 0.00	41.59 2.17 0.22	40.55 1.81 0.00	34.95 1.52 0.09	33.61 1.33 0.00	31.38 1.05 0.00
W50THST__13_KV_LOAD 356117	31.88 1.46 0.00	34.06 1.52 0.00	34.09 1.49 0.00	31.27 1.37 0.00	31.67 1.26 0.00	30.38 1.32 0.00	38.42 2.03 0.04	45.55 2.72 1.27	45.64 2.62 1.45	31.47 1.68 0.00	34.12 1.90 0.00	32.37 1.77 0.00	28.45 1.64 0.00	27.88 1.57 0.00	25.54 1.40 0.00	28.54 1.63 0.00	26.19 1.57 0.00	35.67 2.09 0.00	38.05 2.13 0.00	41.87 2.44 0.22	40.80 2.06 0.00	35.17 1.74 0.09	33.80 1.52 0.00	31.56 1.23 0.00
WADING RIVER_IC_1 23522	31.96 1.53 0.00	34.34 1.80 0.00	34.34 1.74 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.91 2.52 0.04	45.60 2.78 1.27	44.96 1.94 1.45	30.87 1.09 0.00	33.43 1.22 0.00	31.54 0.94 0.00	27.40 0.59 0.00	26.75 0.43 0.00	24.54 0.40 0.00	27.66 0.76 0.00	25.51 0.89 0.00	34.69 1.11 0.00	37.03 1.11 0.00	41.12 1.69 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.89 0.60 0.00	31.43 0.34 -0.76
WADING RIVER_IC_2 23547	31.96 1.53 0.00	34.34 1.80 0.00	34.34 1.74 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.91 2.52 0.04	45.60 2.78 1.27	44.96 1.94 1.45	30.87 1.09 0.00	33.43 1.22 0.00	31.54 0.94 0.00	27.40 0.59 0.00	26.75 0.43 0.00	24.54 0.40 0.00	27.66 0.76 0.00	25.51 0.89 0.00	34.69 1.11 0.00	37.03 1.11 0.00	41.12 1.69 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.89 0.60 0.00	31.43 0.34 -0.76
WADING RIVER_IC_3 23601	31.96 1.53 0.00	34.34 1.80 0.00	34.34 1.74 0.00	31.50 1.60 0.00	31.91 1.50 0.00	30.73 1.66 0.00	38.91 2.52 0.04	45.60 2.78 1.27	44.96 1.94 1.45	30.87 1.09 0.00	33.43 1.22 0.00	31.54 0.94 0.00	27.40 0.59 0.00	26.75 0.43 0.00	24.54 0.40 0.00	27.66 0.76 0.00	25.51 0.89 0.00	34.69 1.11 0.00	37.03 1.11 0.00	41.12 1.69 0.22	39.58 0.84 0.00	34.19 0.76 0.09	32.89 0.60 0.00	31.43 0.34 -0.76
WALDENNY_12_KV_BK2 80841	26.01 -2.09 2.33	25.68 -2.17 4.69	25.58 -2.34 4.68	23.22 -2.19 4.49	24.10 -1.99 4.32	25.00 -1.87 2.20	30.76 -2.50 3.17	37.48 -2.84 3.79	36.48 -2.84 5.15	28.04 -1.75 0.00	31.02 -1.20 0.00	29.90 -0.70 0.00	26.15 -0.65 0.00	25.56 -0.76 0.00	23.31 -0.83 0.00	26.00 -0.91 0.00	23.64 -0.97 0.00	28.77 -1.86 2.95	31.94 -2.26 1.72	32.59 -2.65 4.40	31.19 -2.16 5.39	28.29 -2.07 3.16	30.78 -1.50 0.00	29.15 -1.18 0.00
WALDEN__HYDRO 24148	31.42 0.99 0.00	33.59 1.05 0.00	33.64 1.04 0.00	30.87 0.96 0.00	31.28 0.88 0.00	29.99 0.93 0.00	37.83 1.44 0.04	44.73 1.90 1.28	44.84 1.83 1.46	30.90 1.11 0.00	33.40 1.19 0.00	31.64 1.04 0.00	27.74 0.93 0.00	27.21 0.90 0.00	24.94 0.80 0.00	27.91 1.00 0.00	25.62 1.00 0.00	34.96 1.38 0.00	37.36 1.44 0.00	41.17 1.74 0.22	40.19 1.45 0.00	34.65 1.22 0.09	33.34 1.06 0.00	31.15 0.82 0.00
WARRENSBURG____ 23737	31.38 0.96 0.00	33.50 0.97 0.00	33.62 1.02 0.00	30.92 1.02 0.00	31.40 0.99 0.00	30.17 1.10 0.00	37.96 1.57 0.04	44.47 1.62 1.26	44.77 1.72 1.42	30.76 0.97 0.00	33.07 0.86 0.00	31.21 0.62 0.00	27.17 0.37 0.00	26.67 0.35 0.00	24.48 0.34 0.00	27.62 0.71 0.00	25.28 0.67 0.00	34.74 1.16 0.00	37.32 1.40 0.00	40.97 1.54 0.21	40.02 1.27 0.00	34.51 1.09 0.09	33.34 1.06 0.00	31.21 0.88 0.00
WATERSIDE____6 8 9 23538	27.53 1.34 4.24	30.21 1.41 3.74	30.27 1.39 3.72	26.97 1.28 4.21	27.34 1.15 4.22	25.65 1.20 4.61	35.43 1.85 2.86	43.68 2.52 2.94	44.77 2.41 2.11	72.63 1.53 -41.31	60.44 1.72 -26.51	55.00 1.59 -22.82	41.90 1.45 -13.64	46.19 1.38 -18.49	46.50 1.23 -21.14	49.71 1.43 -21.37	39.90 1.40 -13.89	40.40 1.86 -4.96	33.41 1.92 4.43	31.58 2.22 10.28	30.76 1.87 9.85	26.90 1.61 8.23	28.29 1.42 5.42	27.27 1.14 4.20
WATKINRD_115KV_LN8_ILLION 55919	30.32 -0.11 0.00	32.40 -0.14 0.00	32.49 -0.11 0.00	29.86 -0.04 0.00	30.29 -0.12 0.00	29.00 -0.07 0.00	36.37 -0.01 0.05	42.57 -0.01 1.53	42.79 0.05 1.73	29.74 -0.05 0.00	32.09 -0.13 0.00	30.30 -0.30 0.00	26.44 -0.37 0.00	26.07 -0.24 0.00	23.88 -0.26 0.00	26.59 -0.31 0.00	24.37 -0.24 0.00	33.52 -0.06 0.00	35.92 0.00 0.00	39.46 0.07 0.26	38.69 -0.05 0.00	33.42 0.01 0.11	32.26 -0.02 0.00	30.22 -0.11 0.00
WATSON__69_KV_BK 1 55734	32.32 1.89 0.00	34.57 2.04 0.00	34.57 1.96 0.00	31.67 1.77 0.00	32.08 1.67 0.00	30.87 1.81 0.00	38.92 2.54 0.04	45.92 3.09 1.27	45.86 2.84 1.45	31.60 1.81 0.00	34.28 2.07 0.00	32.35 1.75 0.00	28.20 1.39 0.00	27.58 1.26 0.00	25.32 1.18 0.00	28.46 1.55 0.00	26.20 1.59 0.00	35.72 2.14 0.00	38.15 2.23 0.00	42.15 2.72 0.22	40.84 2.10 0.00	35.24 1.82 0.09	33.93 1.65 0.00	32.71 1.33 -1.05
WDELAWARE__HYD 323627	31.73 1.30 0.00	33.92 1.38 0.00	33.99 1.39 0.00	31.19 1.29 0.00	31.65 1.24 0.00	30.36 1.30 0.00	38.30 1.91 0.04	45.29 2.47 1.28	45.39 2.38 1.47	31.22 1.43 0.00	33.70 1.48 0.00	31.85 1.25 0.00	27.89 1.08 0.00	27.44 1.12 0.00	25.11 0.97 0.00	28.14 1.23 0.00	25.80 1.19 0.00	35.35 1.78 0.00	37.82 1.90 0.00	41.65 2.23 0.22	40.67 1.93 0.00	35.02 1.60 0.09	33.69 1.41 0.00	31.50 1.17 0.00

WEST BABYLON___IC 23714	32.24 1.82 0.00	34.47 1.94 0.00	34.47 1.87 0.00	31.58 1.68 0.00	31.97 1.57 0.00	30.75 1.68 0.00	38.73 2.35 0.04	45.72 2.90 1.27	45.72 2.70 1.45	31.53 1.74 0.00	34.20 1.99 0.00	32.30 1.70 0.00	28.18 1.37 0.00	27.57 1.26 0.00	25.31 1.17 0.00	28.44 1.54 0.00	26.16 1.55 0.00	35.67 2.08 0.00	38.07 2.15 0.00	42.03 2.60 0.22	40.77 2.03 0.00	35.20 1.78 0.09	33.91 1.63 0.00	33.32 1.33 -1.67
WEST CANADA___HYD 24049	30.35 -0.07 0.00	32.45 -0.09 0.00	32.54 -0.06 0.00	29.90 -0.01 0.00	30.34 -0.07 0.00	29.01 -0.05 0.00	36.37 -0.01 0.05	42.57 -0.01 1.53	42.83 0.08 1.73	29.81 0.03 0.00	32.21 0.00 0.00	30.57 -0.03 0.00	26.77 -0.04 0.00	26.29 -0.03 0.00	24.12 -0.02 0.00	26.91 0.00 0.00	24.60 -0.01 0.00	33.60 0.02 0.00	35.96 0.04 0.00	39.44 0.05 0.26	38.74 0.00 0.00	33.47 0.07 0.11	32.30 0.02 0.00	30.30 -0.03 0.00
WESTERN_NY_WIND 24143	26.51 -1.68 2.24	26.27 -1.75 4.52	26.17 -1.92 4.51	23.82 -1.75 4.33	24.68 -1.56 4.17	25.51 -1.44 2.12	31.47 -1.90 3.06	38.15 -2.07 3.88	37.03 -2.20 5.24	28.34 -1.44 0.00	31.40 -0.82 0.00	30.33 -0.27 0.00	26.53 -0.27 0.00	25.74 -0.57 0.00	23.09 -1.05 0.00	25.77 -1.13 0.00	23.48 -1.13 0.00	28.76 -1.98 2.84	32.10 -2.17 1.66	33.50 -1.85 4.29	32.17 -1.38 5.19	29.01 -1.44 3.06	31.27 -1.01 0.00	29.59 -0.74 0.00
WESTOVER___LESR 323668	29.76 -0.63 0.04	31.92 -0.62 0.00	31.96 -0.65 0.00	29.35 -0.55 0.00	29.81 -0.60 0.00	28.49 -0.57 0.00	35.75 -0.61 0.07	41.28 -0.57 2.25	41.17 -0.68 2.62	29.25 -0.53 0.00	31.85 -0.37 0.00	30.43 -0.17 0.00	26.60 -0.21 0.00	26.06 -0.25 0.00	23.94 -0.20 0.00	26.65 -0.26 0.00	24.38 -0.23 0.00	33.30 -0.28 0.00	35.43 -0.49 0.00	38.78 -0.47 0.39	38.22 -0.52 0.00	32.81 -0.54 0.17	31.82 -0.46 0.00	29.86 -0.47 0.00
WETHRSFD_WT_PWR 323626	6.64 -3.38 20.41	-12.88 -3.39 42.03	-12.88 -3.53 41.95	-13.55 -3.21 40.24	-11.56 -3.22 38.75	6.21 -3.15 19.71	5.14 -3.68 27.62	31.71 -3.89 8.50	24.12 -3.96 16.40	27.17 -2.62 0.00	30.34 -1.88 0.00	29.18 -1.42 0.00	25.09 -1.70 0.02	24.19 -2.13 0.00	22.35 -1.79 0.00	25.02 -1.89 0.00	22.81 -1.80 0.00	4.32 -2.83 26.44	17.08 -3.45 15.39	0.85 -3.74 35.05	-13.32 -3.76 48.30	3.68 -3.44 26.40	29.38 -2.90 0.00	27.67 -2.66 0.00
WHAVSTOR_138KV_BK127 55557	31.30 0.87 0.00	33.45 0.92 0.00	33.52 0.92 0.00	30.75 0.85 0.00	31.14 0.73 0.00	29.86 0.80 0.00	37.69 1.30 0.04	44.60 1.77 1.28	44.67 1.65 1.46	30.78 0.99 0.00	33.32 1.11 0.00	31.59 0.99 0.00	27.72 0.91 0.00	27.20 0.89 0.00	24.94 0.80 0.00	27.89 0.98 0.00	25.58 0.97 0.00	34.87 1.29 0.00	37.25 1.32 0.00	41.06 1.63 0.22	40.03 1.29 0.00	34.52 1.09 0.09	33.21 0.93 0.00	31.03 0.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.30 0.87 0.00	33.45 0.92 0.00	33.52 0.92 0.00	30.75 0.85 0.00	31.14 0.73 0.00	29.86 0.80 0.00	37.69 1.30 0.04	44.60 1.77 1.28	44.67 1.65 1.46	30.78 0.99 0.00	33.32 1.11 0.00	31.59 0.99 0.00	27.72 0.91 0.00	27.20 0.89 0.00	24.94 0.80 0.00	27.89 0.98 0.00	25.58 0.97 0.00	34.87 1.29 0.00	37.25 1.32 0.00	41.06 1.63 0.22	40.03 1.29 0.00	34.52 1.09 0.09	33.21 0.93 0.00	31.03 0.70 0.00
WHITEHAL_115KV_TB1 80871	32.07 1.64 0.00	34.17 1.64 0.00	34.32 1.72 0.00	31.55 1.65 0.00	32.02 1.61 0.00	30.79 1.72 0.00	38.72 2.33 0.04	45.14 2.29 1.26	45.60 2.55 1.42	31.28 1.49 0.00	33.51 1.29 0.00	31.53 0.94 0.00	27.45 0.65 0.00	26.90 0.59 0.00	24.69 0.55 0.00	28.05 1.14 0.00	25.90 1.29 0.00	35.60 2.02 0.00	38.45 2.54 0.00	42.16 2.72 0.21	41.00 2.26 0.00	35.32 1.89 0.09	34.35 2.07 0.00	32.10 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	31.81 1.39 0.00	33.99 1.45 0.00	34.03 1.43 0.00	31.21 1.31 0.00	31.62 1.21 0.00	30.32 1.26 0.00	38.31 1.92 0.04	45.39 2.56 1.27	45.50 2.48 1.45	31.37 1.59 0.00	33.98 1.76 0.00	32.23 1.63 0.00	28.28 1.47 0.00	27.72 1.41 0.00	25.40 1.27 0.00	28.39 1.49 0.00	26.04 1.44 0.00	35.52 1.94 0.00	37.94 2.02 0.00	41.77 2.35 0.22	40.72 1.98 0.00	35.10 1.68 0.09	33.77 1.48 0.00	31.52 1.20 0.00
WM_FLOYD_69_KV_BK2 356380	32.11 1.68 0.00	34.45 1.91 0.00	34.43 1.84 0.00	31.56 1.66 0.00	31.98 1.57 0.00	30.79 1.72 0.00	38.88 2.49 0.04	45.70 2.87 1.27	45.30 2.28 1.45	31.19 1.40 0.00	33.77 1.56 0.00	31.89 1.29 0.00	27.74 0.93 0.00	27.08 0.77 0.00	24.86 0.72 0.00	27.98 1.08 0.00	25.79 1.18 0.00	35.09 1.50 0.00	37.45 1.52 0.00	41.48 2.05 0.22	40.05 1.31 0.00	34.59 1.17 0.09	33.28 1.00 0.00	31.81 0.71 -0.78
WOODARD___115KV_TB2 355635	29.73 -0.70 0.00	31.83 -0.71 0.00	31.86 -0.74 0.00	29.25 -0.65 0.00	29.76 -0.65 0.00	28.41 -0.66 0.00	35.49 -0.86 0.08	40.70 -0.99 2.41	40.63 -1.04 2.80	29.08 -0.71 0.00	31.48 -0.73 0.00	30.02 -0.58 0.00	26.32 -0.49 0.00	25.77 -0.54 0.00	23.66 -0.48 0.00	26.40 -0.50 0.00	24.17 -0.45 0.00	32.93 -0.65 0.00	35.19 -0.73 0.00	38.41 -0.82 0.42	37.98 -0.77 0.00	32.63 -0.71 0.18	31.59 -0.70 0.00	29.74 -0.59 0.00
YORK___WARBASSE 23770	53.16 1.55 -21.18	52.87 1.65 -18.68	52.83 1.63 -18.60	52.41 1.49 -21.01	52.82 1.37 -21.04	53.46 1.40 -22.99	54.20 2.10 -15.67	55.03 2.82 -8.11	61.02 2.66 -13.89	99.19 1.67 -67.74	88.94 1.87 -54.85	92.04 1.72 -59.72	57.39 1.59 -28.99	57.37 1.53 -29.53	57.35 1.36 -31.86	60.29 1.58 -31.80	80.37 1.54 -54.21	92.10 2.05 -56.47	92.06 2.14 -53.99	92.22 2.50 -50.09	92.15 2.15 -51.26	92.05 1.85 -56.68	64.06 1.66 -30.12	62.55 1.37 -30.85