

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/14/2025

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	34.14	39.65	42.24	39.76	42.75	45.86	52.86	55.04	51.88	60.46	60.44	84.36	90.40	62.67	56.90	65.94	84.68	88.09	80.80	59.05	50.81	51.69	54.23	51.64
24138	1.76	1.87	1.86	1.78	1.94	2.33	3.09	2.77	1.79	1.73	2.00	1.84	1.62	0.77	0.87	0.89	1.06	2.00	2.72	2.10	2.11	2.37	2.70	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.84	-21.10	-29.21	-27.57	-54.68	-62.93	-48.95	-40.18	-49.87	-66.00	-53.29	-37.60	-27.68	-20.22	-14.09	-10.07	-15.58
74TH STREET_GT_1	34.21	39.71	42.33	39.83	42.83	45.94	52.99	60.35	58.95	70.26	72.00	110.99	111.31	78.93	70.24	82.50	106.60	105.80	93.29	68.23	57.49	56.35	57.54	56.79
24260	1.83	1.93	1.94	1.85	2.02	2.41	3.21	2.86	1.85	1.82	1.99	1.82	1.63	0.77	0.87	0.89	1.06	2.01	2.72	2.09	2.08	2.34	2.67	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.07	-28.11	-38.92	-39.14	-81.33	-83.82	-65.21	-53.53	-66.44	-87.93	-70.99	-50.10	-36.88	-26.94	-18.77	-13.42	-20.75
74TH STREET_GT_2	34.21	39.71	42.33	39.83	42.83	45.94	52.99	60.35	58.95	70.26	72.00	110.99	111.31	78.93	70.24	82.50	106.60	105.80	93.29	68.23	57.49	56.35	57.54	56.79
24261	1.83	1.93	1.94	1.85	2.02	2.41	3.21	2.86	1.85	1.82	1.99	1.82	1.63	0.77	0.87	0.89	1.06	2.01	2.72	2.09	2.08	2.34	2.67	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.07	-28.11	-38.92	-39.14	-81.33	-83.82	-65.21	-53.53	-66.44	-87.93	-70.99	-50.10	-36.88	-26.94	-18.77	-13.42	-20.75
ADK HUDSON___FALLS	33.89	39.60	42.25	39.67	42.87	45.91	52.78	41.72	30.21	30.47	31.84	28.69	26.61	13.40	16.30	15.53	18.06	33.89	41.61	30.10	29.31	36.35	43.31	35.74
24011	1.52	1.82	1.86	1.69	2.06	2.38	3.00	2.30	1.22	0.95	0.97	0.86	0.76	0.45	0.45	0.36	0.45	1.09	1.14	0.84	0.83	1.11	1.85	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.11	39.87	42.51	39.91	43.18	46.33	53.22	42.06	30.35	30.54	31.89	28.75	26.64	13.45	16.36	15.60	18.13	34.03	41.79	30.21	29.42	36.53	43.47	35.96
23798	1.74	2.09	2.12	1.93	2.37	2.80	3.44	2.63	1.37	1.02	1.02	0.91	0.78	0.50	0.51	0.42	0.52	1.23	1.32	0.95	0.94	1.30	2.01	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.89	39.60	42.25	39.67	42.87	45.91	52.78	41.72	30.21	30.47	31.84	28.69	26.61	13.40	16.30	15.53	18.06	33.89	41.61	30.10	29.31	36.35	43.31	35.74
24028	1.52	1.82	1.86	1.69	2.06	2.38	3.00	2.30	1.22	0.95	0.97	0.86	0.76	0.45	0.45	0.36	0.45	1.09	1.14	0.84	0.83	1.11	1.85	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.17	38.72	41.32	38.87	41.98	44.89	51.75	40.85	29.80	30.12	31.53	28.39	26.41	13.22	16.10	15.47	18.03	33.72	41.63	30.20	29.41	36.43	42.90	35.05
23527	0.80	0.95	0.94	0.89	1.16	1.36	1.97	1.43	0.81	0.60	0.66	0.56	0.55	0.27	0.26	0.29	0.42	0.92	1.15	0.94	0.93	1.20	1.44	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.49	37.89	40.39	38.04	40.89	43.61	50.11	39.72	29.12	29.57	30.92	27.94	26.01	13.01	15.90	15.25	17.71	33.09	40.88	29.70	28.91	35.68	41.81	34.19
24190	0.11	0.11	0.01	0.06	0.07	0.08	0.34	0.29	0.13	0.05	0.05	0.11	0.15	0.06	0.06	0.08	0.09	0.29	0.41	0.43	0.43	0.44	0.36	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.54	37.95	40.55	38.13	40.96	43.91	49.74	39.21	29.02	29.70	31.10	28.07	26.06	13.08	16.01	15.31	17.78	32.99	40.51	29.19	28.46	35.46	41.78	34.02
355683	0.17	0.17	0.16	0.16	0.14	0.38	-0.04	-0.22	0.03	0.18	0.23	0.23	0.21	0.13	0.17	0.13	0.16	0.19	0.04	-0.08	-0.01	0.22	0.32	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.11	38.66	41.27	38.87	41.80	44.56	51.16	40.33	29.48	29.87	31.01	27.93	26.10	13.07	15.98	15.26	17.73	33.34	41.48	30.19	29.36	36.25	42.52	34.70
323833	0.73	0.88	0.89	0.89	0.98	1.02	1.38	0.91	0.49	0.35	0.14	0.10	0.25	0.12	0.13	0.09	0.11	0.54	1.01	0.93	0.89	1.01	1.06	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.10	38.64	41.27	38.86	41.78	44.54	51.15	40.33	29.47	29.86	31.00	27.93	26.10	13.06	15.98	15.26	17.73	33.34	41.47	30.19	29.35	36.23	42.51	34.69
323834	0.72	0.86	0.88	0.88	0.97	1.01	1.37	0.90	0.48	0.34	0.13	0.10	0.24	0.11	0.13	0.09	0.11	0.54	1.00	0.93	0.88	1.00	1.06	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.49	37.89	40.39	38.04	40.89	43.61	50.11	39.72	29.12	29.57	30.92	27.94	26.01	13.01	15.90	15.25	17.71	33.09	40.88	29.70	28.91	35.68	41.81	34.19
23571	0.11	0.11	0.01	0.06	0.07	0.08	0.34	0.29	0.13	0.05	0.05	0.11	0.15	0.06	0.06	0.08	0.09	0.29	0.41	0.43	0.43	0.44	0.36	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.08 0.00	50.11 0.34 0.00	39.72 0.29 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.94 0.11 0.00	26.01 0.15 0.00	13.01 0.06 0.00	15.90 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.09 0.29 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.91 0.43 0.00	35.68 0.44 0.00	41.81 0.36 0.00	34.19 0.40 0.00
ALBANY___3 23573	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.08 0.00	50.11 0.34 0.00	39.72 0.29 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.94 0.11 0.00	26.01 0.15 0.00	13.01 0.06 0.00	15.90 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.09 0.29 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.91 0.43 0.00	35.68 0.44 0.00	41.81 0.36 0.00	34.19 0.40 0.00
ALBANY___4 23574	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.08 0.00	50.11 0.34 0.00	39.72 0.29 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.94 0.11 0.00	26.01 0.15 0.00	13.01 0.06 0.00	15.90 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.09 0.29 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.91 0.43 0.00	35.68 0.44 0.00	41.81 0.36 0.00	34.19 0.40 0.00
ALBANY___LFGE 323615	32.81 0.43 0.00	38.26 0.48 0.00	40.80 0.41 0.00	38.43 0.45 0.00	41.24 0.42 0.00	43.99 0.46 0.00	50.59 0.81 0.00	40.06 0.64 0.00	29.37 0.39 0.00	29.83 0.31 0.00	31.22 0.35 0.00	28.21 0.38 0.00	26.25 0.40 0.00	13.12 0.17 0.00	16.05 0.20 0.00	15.39 0.21 0.00	17.90 0.29 0.00	33.50 0.70 0.00	41.38 0.91 0.00	30.02 0.75 0.00	29.20 0.73 0.00	36.06 0.82 0.00	42.30 0.84 0.00	34.54 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	32.85 0.47 0.00	38.31 0.53 0.00	40.92 0.53 0.00	38.48 0.50 0.00	41.37 0.55 0.00	44.16 0.62 0.00	49.83 0.05 0.00	39.25 -0.18 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.32 0.00	28.17 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.36 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.70 0.23 0.00	29.34 0.07 0.00	28.62 0.14 0.00	35.64 0.41 0.00	41.98 0.53 0.00	34.18 0.38 0.00
ALCOA_RYNLDS___DRP 24188	32.85 0.47 0.00	38.31 0.53 0.00	40.92 0.53 0.00	38.48 0.50 0.00	41.37 0.55 0.00	44.16 0.62 0.00	49.83 0.05 0.00	39.25 -0.18 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.32 0.00	28.17 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.36 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.70 0.23 0.00	29.34 0.07 0.00	28.62 0.14 0.00	35.64 0.41 0.00	41.98 0.53 0.00	34.18 0.38 0.00
ALCOA___DSASP 323711	32.85 0.47 0.00	38.31 0.53 0.00	40.92 0.54 0.00	38.48 0.50 0.00	41.36 0.55 0.00	44.16 0.62 0.00	49.83 0.05 0.00	39.25 -0.18 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.31 0.00	28.17 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.36 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.70 0.23 0.00	29.34 0.08 0.00	28.61 0.14 0.00	35.64 0.40 0.00	41.98 0.53 0.00	34.18 0.39 0.00
ALLEGHENY___COGEN 23514	32.91 0.54 0.00	38.39 0.61 0.00	41.15 0.76 0.00	38.52 0.54 0.00	41.21 0.39 0.00	44.04 0.51 0.00	50.61 0.83 0.00	39.92 0.50 0.00	29.32 0.33 0.00	29.61 0.08 0.00	30.87 0.00 0.00	27.24 -0.60 0.00	25.06 -0.80 0.00	12.66 -0.29 0.00	15.57 -0.28 0.00	14.86 -0.31 0.00	17.20 -0.42 0.00	32.47 -0.33 0.00	40.26 -0.21 0.00	29.28 0.02 0.00	28.47 -0.01 0.00	34.95 -0.29 0.00	41.16 -0.29 0.00	33.34 -0.45 0.00
ALTAMONT_115KV_TB 2 55880	32.84 0.47 0.00	38.35 0.57 0.00	40.95 0.56 0.00	38.55 0.57 0.00	41.45 0.64 0.00	44.18 0.65 0.00	50.76 0.98 0.00	40.22 0.79 0.00	29.44 0.45 0.00	29.88 0.36 0.00	31.22 0.35 0.00	28.16 0.33 0.00	26.21 0.36 0.00	13.12 0.17 0.00	16.05 0.20 0.00	15.39 0.21 0.00	17.84 0.22 0.00	33.31 0.51 0.00	41.25 0.78 0.00	29.91 0.64 0.00	29.11 0.63 0.00	35.97 0.74 0.00	42.25 0.79 0.00	34.48 0.68 0.00
ALTONA_WT_PWR 323606	32.61 0.23 0.00	38.29 0.51 0.00	40.82 0.44 0.00	38.49 0.51 0.00	41.44 0.62 0.00	44.34 0.81 0.00	50.57 0.79 0.00	39.79 0.37 0.00	29.32 0.34 0.00	30.04 0.52 0.00	31.56 0.69 0.00	28.48 0.65 0.00	26.45 0.60 0.00	13.27 0.32 0.00	16.22 0.37 0.00	15.47 0.30 0.00	17.97 0.35 0.00	33.20 0.40 0.00	40.79 0.32 0.00	29.50 0.23 0.00	28.71 0.23 0.00	36.06 0.82 0.00	42.44 0.98 0.00	34.42 0.63 0.00
AMERICAN_REF_FUEL 24010	30.04 -2.34 0.00	34.93 -2.85 0.00	37.56 -2.83 0.00	35.20 -2.77 0.00	37.39 -3.43 0.00	39.91 -3.63 0.00	45.24 -4.54 0.00	35.11 -4.31 0.00	26.17 -2.82 0.00	27.17 -2.35 0.00	28.60 -2.27 0.00	25.69 -2.15 0.00	23.77 -2.08 0.00	12.21 -0.73 0.00	15.04 -0.81 0.00	14.20 -0.98 0.00	16.33 -1.29 0.00	29.67 -3.14 0.00	35.94 -4.53 0.00	26.21 -3.05 0.00	25.40 -3.07 0.00	31.51 -3.72 0.00	37.67 -3.78 0.00	30.60 -3.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.94 -0.43 0.00	37.36 -0.42 0.00	40.10 -0.29 0.00	37.40 -0.57 0.00	39.09 -1.72 0.00	41.46 -2.07 0.00	48.00 -1.78 0.00	37.73 -1.70 0.00	27.70 -1.28 0.00	28.53 -0.99 0.00	29.99 -0.88 0.00	27.10 -0.73 0.00	25.26 -0.59 0.00	12.86 -0.09 0.00	15.86 0.01 0.00	14.77 -0.40 0.00	17.43 -0.19 0.00	32.27 -0.54 0.00	38.85 -1.62 0.00	27.58 -1.68 0.00	26.54 -1.94 0.00	32.60 -2.63 0.00	38.84 -2.62 0.00	31.58 -2.21 0.00
ARTHUR KILL_GT_1 23520	51.25 1.88 -17.00	49.88 1.90 -10.20	46.09 1.87 -3.83	39.77 1.79 -0.01	42.71 1.89 -0.01	45.77 2.23 -0.01	52.84 3.06 0.00	60.17 2.74 -18.01	58.41 1.68 -27.74	59.86 1.51 -28.84	56.94 1.67 -24.39	98.81 1.57 -69.41	104.26 1.44 -76.96	72.85 0.67 -59.22	62.46 0.73 -45.88	75.35 0.74 -59.43	103.51 0.91 -84.98	102.67 1.79 -68.08	88.31 2.53 -45.31	68.03 1.89 -36.88	57.33 1.92 -26.94	60.41 2.26 -22.91	57.43 2.55 -13.42	56.68 2.13 -20.75
ARTHUR_KILL_2 23512	51.16 1.78 -17.00	49.78 1.81 -10.20	45.98 1.77 -3.83	39.67 1.69 -0.01	42.61 1.79 -0.01	45.65 2.10 -0.01	52.69 2.91 0.00	60.06 2.63 -18.01	58.33 1.60 -27.74	59.79 1.43 -28.84	56.86 1.60 -24.39	98.73 1.49 -69.41	104.19 1.37 -76.96	72.81 0.64 -59.22	62.43 0.70 -45.88	75.32 0.71 -59.43	103.47 0.87 -84.98	102.59 1.71 -68.08	88.20 2.42 -45.31	67.95 1.81 -36.88	57.24 1.83 -26.94	60.32 2.17 -22.91	57.31 2.43 -13.42	56.58 2.04 -20.75
ARTHUR_KILL_3 23513	51.38 1.45 -17.56	49.53 1.46 -10.28	45.63 1.41 -3.83	39.34 1.37 0.00	42.30 1.49 0.00	45.38 1.85 0.00	52.29 2.51 0.00	57.37 2.29 -15.65	55.25 1.47 -24.79	59.41 1.36 -28.52	55.33 1.51 -22.95	85.25 1.39 -56.02	94.15 1.23 -67.07	63.55 0.58 -50.02	56.04 0.64 -39.56	67.43 0.66 -51.59	93.02 0.81 -74.60	93.27 1.54 -58.93	81.90 2.17 -39.26	63.47 1.68 -32.52	53.94 1.70 -23.76	53.69 1.90 -16.56	55.42 2.13 -11.83	53.93 1.84 -18.30

ARTHUR_KILL_COGEN 323718	51.25 1.88 -17.00	49.88 1.90 -10.20	46.09 1.87 -3.83	39.77 1.79 -0.01	42.71 1.89 -0.01	45.77 2.23 -0.01	52.84 3.06 0.00	60.17 2.74 -18.01	58.41 1.68 -27.74	59.86 1.51 -28.84	56.94 1.67 -24.39	98.81 1.57 -69.41	104.26 1.44 -76.96	72.85 0.67 -59.22	62.46 0.73 -45.88	75.35 0.74 -59.43	103.51 0.91 -84.98	102.67 1.79 -68.08	88.31 2.53 -45.31	68.03 1.89 -36.88	57.33 1.92 -26.94	60.41 2.26 -22.91	57.43 2.55 -13.42	56.68 2.13 -20.75
ASHOKAN____ 23654	33.76 1.39 0.00	39.33 1.55 0.00	42.00 1.62 0.00	39.53 1.55 0.00	42.57 1.75 0.00	45.50 1.97 0.00	52.50 2.72 0.00	41.63 2.21 0.00	30.35 1.36 0.00	30.77 1.25 0.00	31.91 1.04 0.00	28.73 0.90 0.00	26.80 0.95 0.00	13.35 0.40 0.00	16.20 0.36 0.00	15.55 0.38 0.00	18.07 0.45 0.00	33.93 1.12 0.00	42.35 1.88 0.00	30.87 1.61 0.00	30.06 1.58 0.00	37.02 1.79 0.00	43.33 1.88 0.00	35.32 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.11 1.74 0.01	39.58 1.80 0.00	42.12 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.12 -0.04	53.81 3.15 -0.89	59.98 2.73 -17.82	55.57 1.70 -24.89	65.59 1.67 -34.40	66.40 1.86 -33.66	98.21 1.68 -68.70	101.24 1.47 -73.92	71.17 0.71 -57.50	63.85 0.81 -47.20	74.57 0.80 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.17 2.52 -44.17	63.70 1.93 -32.52	54.17 1.93 -23.76	54.03 2.24 -16.55	55.82 2.52 -11.84	54.23 2.14 -18.30
ASTORIA_EAST_ENERGY_CC2 323582	34.11 1.74 0.01	39.58 1.80 0.00	42.12 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.12 -0.04	53.81 3.15 -0.89	59.98 2.73 -17.82	55.57 1.70 -24.89	65.59 1.67 -34.40	66.40 1.86 -33.66	98.21 1.68 -68.70	101.24 1.47 -73.92	71.17 0.71 -57.50	63.85 0.81 -47.20	74.57 0.80 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.17 2.52 -44.17	63.70 1.93 -32.52	54.17 1.93 -23.76	54.03 2.24 -16.55	55.82 2.52 -11.84	54.23 2.14 -18.30
ASTORIA_GT2_1 24094	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT2_2 24095	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT2_3 24096	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT2_4 24097	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT3_1 24098	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT3_2 24099	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT3_3 24100	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT3_4 24101	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT4_1 24102	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT4_2 24103	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT4_3 24104	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30

ASTORIA_GT4_4 24105	34.11 1.74 0.00	39.58 1.80 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.13 -0.04	53.75 3.08 -0.89	60.00 2.75 -17.82	55.58 1.71 -24.89	65.59 1.67 -34.40	66.39 1.86 -33.66	98.19 1.66 -68.70	101.24 1.46 -73.92	71.15 0.70 -57.50	63.83 0.79 -47.20	74.56 0.79 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.14 2.49 -44.17	63.71 1.93 -32.52	54.17 1.93 -23.76	53.98 2.19 -16.55	55.80 2.50 -11.84	54.21 2.12 -18.30
ASTORIA_GT_1 23523	34.15 1.78 0.01	39.61 1.84 0.00	42.17 1.78 0.00	39.70 1.72 0.00	42.63 1.82 0.00	45.74 2.17 -0.04	53.87 3.20 -0.89	60.04 2.79 -17.82	55.62 1.75 -24.89	65.63 1.71 -34.40	66.44 1.91 -33.66	98.26 1.73 -68.70	101.28 1.50 -73.92	71.19 0.73 -57.50	63.88 0.83 -47.20	74.59 0.83 -58.59	96.13 0.97 -77.53	97.26 1.85 -62.60	87.23 2.58 -44.17	63.75 1.97 -32.52	54.20 1.96 -23.76	54.07 2.28 -16.55	55.89 2.59 -11.84	54.27 2.18 -18.30
ASTORIA_GT_10 24110	34.13 1.75 0.00	39.60 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.73 2.20 0.00	52.77 2.99 0.00	60.20 2.71 -18.07	58.80 1.71 -28.11	70.78 1.67 -39.58	71.87 1.86 -39.14	110.82 1.66 -81.33	111.15 1.47 -83.82	78.86 0.70 -65.21	70.16 0.79 -53.53	82.41 0.79 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.06 1.93 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.21 2.20 -18.77	57.39 2.51 -13.42	56.67 2.13 -20.75
ASTORIA_GT_11 24225	34.13 1.75 0.00	39.60 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.73 2.20 0.00	52.77 2.99 0.00	60.20 2.71 -18.07	58.80 1.71 -28.11	70.78 1.67 -39.58	71.87 1.86 -39.14	110.82 1.66 -81.33	111.15 1.47 -83.82	78.86 0.70 -65.21	70.16 0.79 -53.53	82.41 0.79 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.06 1.93 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.21 2.20 -18.77	57.39 2.51 -13.42	56.67 2.13 -20.75
ASTORIA_GT_12 24226	34.13 1.75 0.00	39.60 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.73 2.20 0.00	52.77 2.99 0.00	60.20 2.71 -18.07	58.80 1.71 -28.11	70.78 1.67 -39.58	71.87 1.86 -39.14	110.82 1.66 -81.33	111.15 1.47 -83.82	78.86 0.70 -65.21	70.16 0.79 -53.53	82.41 0.79 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.06 1.93 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.21 2.20 -18.77	57.39 2.51 -13.42	56.67 2.13 -20.75
ASTORIA_GT_13 24227	34.13 1.75 0.00	39.60 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.73 2.20 0.00	52.77 2.99 0.00	60.20 2.71 -18.07	58.80 1.71 -28.11	70.78 1.67 -39.58	71.87 1.86 -39.14	110.82 1.66 -81.33	111.15 1.47 -83.82	78.86 0.70 -65.21	70.16 0.79 -53.53	82.41 0.79 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.06 1.93 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.21 2.20 -18.77	57.39 2.51 -13.42	56.67 2.13 -20.75
ASTORIA_GT_5 24106	34.16 1.78 0.00	39.61 1.83 0.00	42.17 1.78 0.00	39.70 1.72 0.00	42.63 1.82 0.00	45.75 2.18 -0.04	53.80 3.14 -0.89	60.06 2.81 -17.82	55.62 1.75 -24.89	65.63 1.72 -34.40	66.44 1.91 -33.66	98.23 1.70 -68.70	101.27 1.50 -73.92	71.17 0.72 -57.50	63.86 0.81 -47.20	74.59 0.82 -58.59	96.12 0.97 -77.53	97.27 1.86 -62.60	87.20 2.55 -44.17	63.74 1.96 -32.52	54.20 1.96 -23.76	54.03 2.24 -16.55	55.86 2.57 -11.84	54.26 2.17 -18.30
ASTORIA_GT_7 24107	34.16 1.78 0.00	39.61 1.83 0.00	42.17 1.78 0.00	39.70 1.72 0.00	42.63 1.82 0.00	45.75 2.18 -0.04	53.80 3.14 -0.89	60.06 2.81 -17.82	55.62 1.75 -24.89	65.63 1.72 -34.40	66.44 1.91 -33.66	98.23 1.70 -68.70	101.27 1.50 -73.92	71.17 0.72 -57.50	63.86 0.81 -47.20	74.59 0.82 -58.59	96.12 0.97 -77.53	97.27 1.86 -62.60	87.20 2.55 -44.17	63.74 1.96 -32.52	54.20 1.96 -23.76	54.03 2.24 -16.55	55.86 2.57 -11.84	54.26 2.17 -18.30
ASTORIA_GT_8 24108	34.16 1.78 0.00	39.61 1.83 0.00	42.17 1.78 0.00	39.70 1.72 0.00	42.63 1.82 0.00	45.75 2.18 -0.04	53.80 3.14 -0.89	60.06 2.81 -17.82	55.62 1.75 -24.89	65.63 1.72 -34.40	66.44 1.91 -33.66	98.23 1.70 -68.70	101.27 1.50 -73.92	71.17 0.72 -57.50	63.86 0.81 -47.20	74.59 0.82 -58.59	96.12 0.97 -77.53	97.27 1.86 -62.60	87.20 2.55 -44.17	63.74 1.96 -32.52	54.20 1.96 -23.76	54.03 2.24 -16.55	55.86 2.57 -11.84	54.26 2.17 -18.30
ASTORIA___2 24149	34.11 1.74 0.01	39.58 1.80 0.00	42.12 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.70 2.12 -0.04	53.81 3.15 -0.89	59.98 2.73 -17.82	55.57 1.70 -24.89	65.59 1.67 -34.40	66.40 1.86 -33.66	98.21 1.68 -68.70	101.24 1.47 -73.92	71.17 0.71 -57.50	63.85 0.81 -47.20	74.57 0.80 -58.59	96.09 0.94 -77.53	97.21 1.81 -62.60	87.17 2.52 -44.17	63.70 1.93 -32.52	54.17 1.93 -23.76	54.03 2.24 -16.55	55.82 2.52 -11.84	54.23 2.14 -18.30
ASTORIA___3 23516	34.13 1.75 0.00	39.59 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.85 0.00	45.72 2.19 0.00	52.79 3.01 0.00	60.18 2.69 -18.07	58.80 1.70 -28.11	70.77 1.67 -39.58	71.87 1.86 -39.14	110.83 1.66 -81.33	111.15 1.47 -83.82	78.87 0.71 -65.21	70.17 0.80 -53.53	82.42 0.80 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.08 2.51 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.23 2.22 -18.77	57.40 2.52 -13.42	56.68 2.13 -20.75
ASTORIA___4 23517	34.13 1.75 0.00	39.60 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.73 2.20 0.00	52.77 2.99 0.00	60.20 2.71 -18.07	58.80 1.71 -28.11	70.78 1.67 -39.58	71.87 1.86 -39.14	110.82 1.66 -81.33	111.15 1.47 -83.82	78.86 0.70 -65.21	70.16 0.79 -53.53	82.41 0.79 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.06 1.93 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.21 2.20 -18.77	57.39 2.51 -13.42	56.67 2.13 -20.75
ASTORIA___5 23518	34.13 1.75 0.00	39.59 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.84 0.00	45.72 2.19 0.00	52.79 3.01 0.00	60.18 2.69 -18.07	58.80 1.70 -28.11	70.77 1.67 -39.58	71.87 1.86 -39.14	110.83 1.66 -81.33	111.15 1.47 -83.82	78.87 0.71 -65.21	70.17 0.80 -53.53	82.42 0.80 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.08 2.51 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.22 2.21 -18.77	57.40 2.52 -13.42	56.68 2.13 -20.75
AST_ENERGY_2_CC3 323677	34.01 1.64 0.00	39.48 1.71 0.00	42.06 1.68 0.00	39.59 1.62 0.00	42.57 1.75 0.00	45.65 2.11 0.00	52.61 2.83 0.00	57.63 2.55 -15.65	55.41 1.64 -24.78	65.42 1.58 -34.31	66.26 1.74 -33.65	98.13 1.60 -68.69	101.19 1.42 -73.91	71.12 0.67 -57.50	63.79 0.75 -47.20	74.53 0.77 -58.58	96.07 0.92 -77.53	97.15 1.75 -62.59	87.08 2.43 -44.17	63.65 1.87 -32.52	54.11 1.88 -23.75	53.90 2.11 -16.55	55.68 2.39 -11.83	54.13 2.04 -18.29
AST_ENERGY_2_CC4 323678	34.01 1.64 0.00	39.48 1.71 0.00	42.06 1.68 0.00	39.59 1.62 0.00	42.57 1.75 0.00	45.65 2.11 0.00	52.61 2.83 0.00	57.63 2.55 -15.65	55.41 1.64 -24.78	65.42 1.58 -34.31	66.26 1.74 -33.65	98.13 1.60 -68.69	101.19 1.42 -73.91	71.12 0.67 -57.50	63.79 0.75 -47.20	74.53 0.77 -58.58	96.07 0.92 -77.53	97.15 1.75 -62.59	87.08 2.43 -44.17	63.65 1.87 -32.52	54.11 1.88 -23.75	53.90 2.11 -16.55	55.68 2.39 -11.83	54.13 2.04 -18.29

ATHENS_STG_1 23668	32.90 0.53 0.00	38.40 0.62 0.00	41.04 0.66 0.00	38.63 0.65 0.00	41.53 0.72 0.00	44.24 0.71 0.00	50.86 1.08 0.00	40.40 0.97 0.00	29.57 0.58 0.00	30.01 0.50 0.00	31.39 0.52 0.00	28.35 0.52 0.00	26.38 0.53 0.00	13.21 0.26 0.00	16.15 0.30 0.00	15.49 0.31 0.00	17.93 0.31 0.00	33.42 0.61 0.00	41.37 0.89 0.00	30.00 0.74 0.00	29.22 0.74 0.00	36.03 0.80 0.00	42.31 0.85 0.00	34.56 0.77 0.00
ATHENS_STG_2 23670	32.90 0.53 0.00	38.40 0.62 0.00	41.04 0.66 0.00	38.63 0.65 0.00	41.53 0.72 0.00	44.24 0.71 0.00	50.86 1.08 0.00	40.40 0.97 0.00	29.57 0.58 0.00	30.01 0.50 0.00	31.39 0.52 0.00	28.35 0.52 0.00	26.38 0.53 0.00	13.21 0.26 0.00	16.15 0.30 0.00	15.49 0.31 0.00	17.93 0.31 0.00	33.42 0.61 0.00	41.37 0.89 0.00	30.00 0.74 0.00	29.22 0.74 0.00	36.03 0.80 0.00	42.31 0.85 0.00	34.56 0.77 0.00
ATHENS_STG_3 23677	32.90 0.53 0.00	38.40 0.62 0.00	41.04 0.66 0.00	38.63 0.65 0.00	41.53 0.72 0.00	44.24 0.71 0.00	50.86 1.08 0.00	40.40 0.97 0.00	29.57 0.58 0.00	30.01 0.50 0.00	31.39 0.52 0.00	28.35 0.52 0.00	26.38 0.53 0.00	13.21 0.26 0.00	16.15 0.30 0.00	15.49 0.31 0.00	17.93 0.31 0.00	33.42 0.61 0.00	41.37 0.89 0.00	30.00 0.74 0.00	29.22 0.74 0.00	36.03 0.80 0.00	42.31 0.85 0.00	34.56 0.77 0.00
AUBURN___LFGE 323710	32.51 0.13 0.00	37.96 0.18 0.00	40.64 0.25 0.00	38.17 0.19 0.00	40.85 0.03 0.00	43.75 0.21 0.00	50.25 0.47 0.00	39.71 0.29 0.00	29.12 0.13 0.00	29.72 0.20 0.00	30.96 0.10 0.00	27.88 0.04 0.00	25.71 -0.15 0.00	12.89 -0.06 0.00	15.74 -0.10 0.00	15.14 -0.04 0.00	17.67 0.05 0.00	32.84 0.04 0.00	40.42 -0.06 0.00	29.38 0.12 0.00	28.54 0.06 0.00	35.09 -0.15 0.00	41.39 -0.07 0.00	33.72 -0.08 0.00
BABYLON_RES_REC 323704	33.81 1.43 0.00	39.31 1.53 0.00	41.79 1.41 0.00	39.19 1.21 0.00	41.99 1.18 0.00	44.96 1.50 0.07	50.32 1.96 1.42	35.94 2.17 5.66	29.10 1.30 1.18	29.23 1.28 1.57	30.93 1.84 1.78	25.49 1.75 4.10	23.98 1.34 3.21	10.96 0.51 2.50	14.20 0.41 2.05	13.17 0.54 2.55	14.92 0.67 3.37	31.50 1.42 2.72	40.89 2.33 1.92	29.68 1.83 1.41	29.42 1.98 1.03	36.66 2.15 0.72	43.17 2.22 0.51	35.05 2.05 0.79
BABYLON__69_KV_BK2 356345	34.15 1.77 0.00	39.70 1.92 0.00	42.19 1.81 0.00	39.55 1.58 0.00	42.37 1.56 0.00	45.42 1.95 0.07	51.02 2.71 1.47	36.51 2.85 5.77	29.38 1.58 1.19	29.49 1.54 1.57	31.23 2.14 1.78	25.76 2.02 4.10	24.20 1.56 3.21	11.07 0.62 2.50	14.32 0.53 2.05	13.31 0.68 2.55	15.07 0.82 3.37	31.79 1.71 2.72	41.31 2.76 1.92	29.99 2.15 1.41	29.75 2.31 1.03	37.07 2.55 0.72	43.65 2.70 0.51	35.40 2.40 0.79
BALL_HILL_WT_PWR 323825	31.51 -0.87 0.00	36.78 -1.00 0.00	39.52 -0.87 0.00	36.98 -1.00 0.00	39.16 -1.65 0.00	41.66 -1.87 0.00	48.16 -1.62 0.00	37.78 -1.64 0.00	27.83 -1.16 0.00	28.63 -0.89 0.00	30.10 -0.77 0.00	27.17 -0.67 0.00	25.23 -0.62 0.00	12.84 -0.12 0.00	15.78 -0.06 0.00	14.83 -0.34 0.00	17.35 -0.27 0.00	31.96 -0.84 0.00	38.62 -1.85 0.00	27.73 -1.53 0.00	26.76 -1.72 0.00	32.89 -2.35 0.00	39.25 -2.21 0.00	31.96 -1.83 0.00
BARON_WINDS___WT_PWR 323822	32.21 -0.17 0.00	37.63 -0.15 0.00	40.33 -0.05 0.00	37.73 -0.25 0.00	40.32 -0.49 0.00	42.84 -0.70 0.00	49.07 -0.71 0.00	38.67 -0.75 0.00	28.33 -0.65 0.00	28.77 -0.75 0.00	30.06 -0.81 0.00	26.82 -1.01 0.00	24.78 -1.07 0.00	12.48 -0.47 0.00	15.32 -0.53 0.00	14.62 -0.55 0.00	17.01 -0.61 0.00	31.78 -1.02 0.00	39.26 -1.21 0.00	28.32 -0.94 0.00	27.40 -1.07 0.00	33.61 -1.63 0.00	39.55 -1.90 0.00	32.31 -1.49 0.00
BARRETT_IC_1 23704	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_10 23701	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	43.00 1.13 1.66	15.71 1.32 35.39	-45.13 1.68 86.24	26.10 1.06 3.94	27.25 1.07 3.35	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_11 23702	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	43.00 1.13 1.66	15.71 1.32 35.39	-45.13 1.68 86.24	26.10 1.06 3.94	27.25 1.07 3.35	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_12 23703	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	43.00 1.13 1.66	15.71 1.32 35.39	-45.13 1.68 86.24	26.10 1.06 3.94	27.25 1.07 3.35	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_2 23705	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_3 23706	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_4 23707	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79

BARRETT_IC_5 23708	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_6 23709	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_7 23710	33.45 1.08 0.00	38.90 1.12 0.00	41.39 1.00 0.00	38.85 0.87 0.00	41.65 0.84 0.00	44.91 1.17 -0.21	55.89 1.68 -4.43	49.52 1.88 -8.21	28.80 1.10 1.28	29.36 1.10 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.23 -51.68	13.96 0.49 -0.52	14.25 0.45 2.05	13.18 0.55 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.54 1.99 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.29 1.77 0.72	42.90 1.96 0.51	34.82 1.82 0.79
BARRETT_IC_8 23711	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT_IC_9 23700	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	43.00 1.13 1.66	15.71 1.32 35.39	-45.13 1.68 86.24	26.10 1.06 3.94	27.25 1.07 3.35	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT___1 23545	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	44.87 1.13 -0.21	55.53 1.32 -4.43	49.32 1.68 -8.21	28.76 1.06 1.28	29.33 1.07 1.26	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BARRETT___2 23546	33.45 1.07 0.00	38.90 1.12 0.00	41.38 1.00 0.00	38.84 0.86 0.00	41.66 0.84 0.00	43.00 1.13 1.66	15.71 1.32 35.39	-45.13 1.68 86.24	26.10 1.06 3.94	27.25 1.07 3.35	32.10 1.70 0.47	33.50 1.58 -4.09	78.76 1.22 -51.68	13.95 0.49 -0.52	14.25 0.45 2.05	13.17 0.54 2.55	14.87 0.62 3.37	31.29 1.21 2.72	40.53 1.97 1.92	29.39 1.54 1.41	29.10 1.66 1.03	36.28 1.76 0.72	42.86 1.92 0.51	34.82 1.82 0.79
BATAVIA__115KV_TB1 55881	31.37 -1.01 0.00	36.54 -1.24 0.00	39.23 -1.15 0.00	36.78 -1.20 0.00	39.18 -1.64 0.00	41.90 -1.63 0.00	47.86 -1.92 0.00	37.43 -2.00 0.00	27.85 -1.13 0.00	28.70 -0.82 0.00	29.97 -0.90 0.00	26.59 -1.24 0.00	24.55 -1.31 0.00	12.56 -0.39 0.00	15.53 -0.31 0.00	14.75 -0.42 0.00	16.95 -0.66 0.00	31.33 -1.47 0.00	38.27 -2.20 0.00	27.85 -1.42 0.00	27.01 -1.47 0.00	33.41 -1.83 0.00	39.73 -1.73 0.00	32.17 -1.62 0.00
BAYONEEC___CTG1 323682	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG10 323750	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG2 323683	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG3 323684	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG4 323685	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG5 323686	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG6 323687	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30

BAYONEEC___CTG7 323688	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG8 323689	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BAYONEEC___CTG9 323749	33.95 1.58 0.00	39.42 1.64 0.00	41.99 1.61 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.74 0.00	57.55 2.48 -15.65	55.36 1.59 -24.79	65.36 1.51 -34.32	66.20 1.67 -33.66	98.08 1.54 -68.71	101.15 1.37 -73.93	71.10 0.64 -57.51	63.76 0.71 -47.21	74.50 0.73 -58.60	96.05 0.88 -77.54	97.09 1.68 -62.61	86.99 2.34 -44.18	63.59 1.81 -32.52	54.06 1.82 -23.76	53.83 2.04 -16.56	55.60 2.31 -11.83	54.07 1.98 -18.30
BEACON___LESR 323632	32.99 0.62 0.00	38.48 0.70 0.00	41.06 0.67 0.00	38.66 0.68 0.00	41.66 0.84 0.00	44.50 0.96 0.00	51.14 1.36 0.00	40.48 1.06 0.00	29.66 0.67 0.00	30.03 0.51 0.00	31.39 0.52 0.00	28.33 0.49 0.00	26.39 0.53 0.00	13.16 0.21 0.00	16.10 0.26 0.00	15.45 0.27 0.00	17.97 0.35 0.00	33.62 0.82 0.00	41.54 1.06 0.00	30.27 1.01 0.00	29.41 0.94 0.00	36.36 1.12 0.00	42.56 1.10 0.00	34.69 0.90 0.00
BEAVER RIVER___HYD 24048	31.98 -0.39 0.00	37.09 -0.69 0.00	39.55 -0.83 0.00	36.90 -1.08 0.00	39.96 -0.85 0.00	42.78 -0.75 0.00	49.53 -0.25 0.00	39.51 0.08 0.00	29.17 0.19 0.00	29.40 -0.12 0.00	30.47 -0.40 0.00	27.41 -0.42 0.00	25.55 -0.30 0.00	12.63 -0.32 0.00	15.32 -0.52 0.00	14.70 -0.47 0.00	17.41 -0.21 0.00	32.62 -0.19 0.00	40.45 -0.02 0.00	29.38 0.12 0.00	28.50 0.03 0.00	34.85 -0.39 0.00	40.77 -0.68 0.00	33.08 -0.71 0.00
BEEBEE_GT_13 23619	31.51 -0.87 0.00	36.73 -1.05 0.00	39.36 -1.02 0.00	36.93 -1.04 0.00	39.45 -1.36 0.00	42.20 -1.34 0.00	48.25 -1.52 0.00	37.97 -1.46 0.00	28.08 -0.91 0.00	28.84 -0.68 0.00	30.20 -0.67 0.00	27.03 -0.80 0.00	25.04 -0.82 0.00	12.68 -0.27 0.00	15.60 -0.24 0.00	14.84 -0.34 0.00	17.21 -0.41 0.00	31.79 -1.02 0.00	38.91 -1.57 0.00	28.22 -1.04 0.00	27.41 -1.07 0.00	33.84 -1.40 0.00	40.07 -1.39 0.00	32.53 -1.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.49 2.11 -17.00	50.20 2.21 -10.20	46.43 2.21 -3.83	40.11 2.12 -0.01	43.09 2.26 -0.01	46.21 2.66 -0.01	53.31 3.53 0.00	60.63 3.14 -18.07	59.12 2.02 -28.11	71.07 1.96 -39.58	72.17 2.16 -39.14	111.11 1.95 -81.33	111.43 1.75 -83.82	80.49 0.82 -66.72	70.31 0.94 -53.53	82.55 0.93 -66.44	106.67 1.13 -87.93	106.74 2.18 -71.76	93.64 2.94 -50.22	68.37 2.24 -36.88	57.66 2.24 -26.94	60.75 2.61 -22.91	57.88 3.00 -13.42	57.03 2.49 -20.75
BETHLEHEM___GRP 23843	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.08 0.00	50.11 0.34 0.00	39.72 0.29 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.94 0.11 0.00	26.01 0.15 0.00	13.01 0.06 0.00	15.90 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.09 0.29 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.91 0.43 0.00	35.68 0.44 0.00	41.81 0.36 0.00	34.19 0.40 0.00
BETHLEHEM___GS1 323560	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.07 0.00	50.11 0.34 0.00	39.71 0.28 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.93 0.10 0.00	26.01 0.16 0.00	13.01 0.06 0.00	15.91 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.08 0.28 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.90 0.42 0.00	35.68 0.44 0.00	41.81 0.35 0.00	34.18 0.38 0.00
BETHLEHEM___GS2 323561	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.07 0.00	50.11 0.34 0.00	39.71 0.28 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.93 0.10 0.00	26.01 0.16 0.00	13.01 0.06 0.00	15.91 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.08 0.28 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.90 0.42 0.00	35.68 0.44 0.00	41.81 0.35 0.00	34.18 0.38 0.00
BETHLEHEM___GS3 323562	32.49 0.11 0.00	37.89 0.11 0.00	40.39 0.01 0.00	38.04 0.06 0.00	40.89 0.07 0.00	43.61 0.07 0.00	50.11 0.34 0.00	39.71 0.28 0.00	29.12 0.13 0.00	29.57 0.05 0.00	30.92 0.05 0.00	27.93 0.10 0.00	26.01 0.16 0.00	13.01 0.06 0.00	15.91 0.06 0.00	15.25 0.08 0.00	17.71 0.09 0.00	33.08 0.28 0.00	40.88 0.41 0.00	29.70 0.43 0.00	28.90 0.42 0.00	35.68 0.44 0.00	41.81 0.35 0.00	34.18 0.38 0.00
BETHLEHEM___STEEL 23779	31.21 -1.17 0.00	36.39 -1.38 0.00	39.13 -1.26 0.00	36.63 -1.34 0.00	38.89 -1.93 0.00	41.45 -2.09 0.00	47.33 -2.44 0.00	36.99 -2.44 0.00	27.42 -1.56 0.00	28.27 -1.25 0.00	29.75 -1.12 0.00	26.65 -1.18 0.00	24.70 -1.15 0.00	12.61 -0.34 0.00	15.54 -0.31 0.00	14.65 -0.53 0.00	16.97 -0.65 0.00	31.01 -1.79 0.00	37.64 -2.83 0.00	27.31 -1.96 0.00	26.43 -2.05 0.00	32.69 -2.55 0.00	38.98 -2.48 0.00	31.66 -2.13 0.00
BETHLHEM_115KV_TB1 79974	32.57 0.19 0.00	37.99 0.20 0.00	40.52 0.13 0.00	38.16 0.18 0.00	41.02 0.20 0.00	43.74 0.20 0.00	50.26 0.49 0.00	39.83 0.40 0.00	29.20 0.21 0.00	29.65 0.13 0.00	30.99 0.12 0.00	28.01 0.17 0.00	26.07 0.21 0.00	13.04 0.09 0.00	15.94 0.09 0.00	15.29 0.11 0.00	17.75 0.13 0.00	33.15 0.35 0.00	40.97 0.49 0.00	29.75 0.49 0.00	28.96 0.48 0.00	35.75 0.51 0.00	41.92 0.46 0.00	34.26 0.47 0.00
BETHPAGE_CC_5 323564	33.72 1.35 0.00	39.22 1.44 0.00	41.71 1.32 0.00	39.12 1.14 0.00	41.89 1.08 0.00	44.87 1.39 0.06	50.40 1.83 1.20	36.33 2.04 5.14	29.05 1.24 1.18	29.21 1.24 1.56	30.97 1.83 1.74	25.71 1.71 3.83	25.74 1.34 1.45	11.07 0.52 2.40	14.25 0.46 2.05	13.20 0.57 2.55	14.94 0.69 3.37	31.53 1.44 2.72	40.83 2.28 1.92	29.64 1.79 1.41	29.35 1.91 1.03	36.58 2.06 0.72	43.10 2.16 0.51	34.98 1.98 0.79
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.34 -1.03 0.00	36.57 -1.21 0.00	39.29 -1.09 0.00	36.79 -1.19 0.00	39.09 -1.73 0.00	41.66 -1.88 0.00	47.58 -2.20 0.00	37.18 -2.25 0.00	27.55 -1.44 0.00	28.41 -1.11 0.00	29.90 -0.97 0.00	26.78 -1.05 0.00	24.83 -1.03 0.00	12.67 -0.28 0.00	15.60 -0.24 0.00	14.72 -0.46 0.00	17.05 -0.57 0.00	31.16 -1.64 0.00	37.84 -2.63 0.00	27.46 -1.80 0.00	26.57 -1.91 0.00	32.85 -2.39 0.00	39.16 -2.29 0.00	31.79 -2.00 0.00

BINGHAMTON___COGEN 23790	32.56 0.18 0.00	38.06 0.28 0.00	40.76 0.38 0.00	38.28 0.30 0.00	41.10 0.29 0.00	43.79 0.25 0.00	50.45 0.67 0.00	39.97 0.55 0.00	29.28 0.30 0.00	29.83 0.31 0.00	31.24 0.37 0.00	28.12 0.29 0.00	26.05 0.19 0.00	13.04 0.09 0.00	15.92 0.08 0.00	15.22 0.04 0.00	17.70 0.09 0.00	32.87 0.07 0.00	40.52 0.05 0.00	29.36 0.10 0.00	28.51 0.03 0.00	35.11 -0.13 0.00	41.41 -0.05 0.00	33.75 -0.05 0.00
BIXINCNT_115KV_LOAD 355685	32.14 -0.23 0.00	37.49 -0.29 0.00	40.14 -0.24 0.00	37.57 -0.40 0.00	40.15 -0.67 0.00	42.72 -0.81 0.00	48.74 -1.04 0.00	37.97 -1.46 0.00	27.90 -1.09 0.00	28.87 -0.65 0.00	30.37 -0.50 0.00	27.25 -0.58 0.00	25.29 -0.57 0.00	12.84 -0.11 0.00	15.79 -0.05 0.00	14.90 -0.28 0.00	17.19 -0.43 0.00	31.66 -1.14 0.00	38.58 -1.90 0.00	27.82 -1.44 0.00	26.87 -1.61 0.00	33.00 -2.23 0.00	39.37 -2.09 0.00	31.67 -2.12 0.00
BLACK RIVER___HYD 24047	31.88 -0.50 0.00	36.94 -0.84 0.00	39.42 -0.96 0.00	36.74 -1.24 0.00	39.82 -0.99 0.00	42.67 -0.87 0.00	49.70 -0.08 0.00	39.68 0.25 0.00	29.24 0.25 0.00	29.33 -0.20 0.00	30.27 -0.60 0.00	27.09 -0.74 0.00	25.47 -0.38 0.00	12.49 -0.46 0.00	15.15 -0.69 0.00	14.53 -0.65 0.00	17.39 -0.22 0.00	32.57 -0.24 0.00	40.58 0.10 0.00	29.56 0.30 0.00	28.65 0.18 0.00	34.91 -0.33 0.00	40.72 -0.74 0.00	33.00 -0.80 0.00
BLACKRVR_115KV_TB2 79977	31.88 -0.50 0.00	36.94 -0.84 0.00	39.42 -0.97 0.00	36.74 -1.24 0.00	39.82 -1.00 0.00	42.67 -0.87 0.00	49.70 -0.08 0.00	39.68 0.25 0.00	29.24 0.25 0.00	29.32 -0.20 0.00	30.27 -0.60 0.00	27.09 -0.74 0.00	25.47 -0.38 0.00	12.49 -0.46 0.00	15.15 -0.69 0.00	14.53 -0.65 0.00	17.39 -0.23 0.00	32.56 -0.24 0.00	40.58 0.10 0.00	29.56 0.30 0.00	28.65 0.18 0.00	34.91 -0.33 0.00	40.72 -0.74 0.00	33.00 -0.80 0.00
BLISS_WT_PWR 323608	32.18 -0.20 0.00	37.52 -0.26 0.00	40.15 -0.23 0.00	37.57 -0.41 0.00	40.21 -0.61 0.00	42.76 -0.77 0.00	48.78 -1.00 0.00	37.94 -1.48 0.00	27.81 -1.18 0.00	28.82 -0.70 0.00	30.31 -0.56 0.00	27.26 -0.58 0.00	25.26 -0.60 0.00	12.80 -0.15 0.00	15.75 -0.09 0.00	14.86 -0.31 0.00	17.12 -0.49 0.00	31.63 -1.18 0.00	38.51 -1.97 0.00	27.77 -1.49 0.00	26.80 -1.68 0.00	32.82 -2.42 0.00	39.15 -2.31 0.00	31.43 -2.36 0.00
BLUESTONE___WT_PWR 323821	33.02 0.64 0.00	38.91 1.13 0.00	41.98 1.59 0.00	39.47 1.49 0.00	42.67 1.86 0.00	45.85 2.31 0.00	53.17 3.39 0.00	43.22 3.79 0.00	31.11 2.12 0.00	31.36 1.83 0.00	32.86 1.99 0.00	29.53 1.69 0.00	27.03 1.17 0.00	13.22 0.27 0.00	16.08 0.24 0.00	15.21 0.03 0.00	17.79 0.17 0.00	33.34 0.54 0.00	41.39 0.91 0.00	30.09 0.83 0.00	28.77 0.30 0.00	35.17 -0.06 0.00	41.02 -0.44 0.00	33.10 -0.70 0.00
BLUE_CIRC_CHEM_DRP 24182	32.91 0.53 0.00	38.44 0.65 0.00	41.06 0.67 0.00	38.64 0.66 0.00	41.56 0.74 0.00	44.29 0.75 0.00	50.83 1.06 0.00	40.15 0.72 0.00	29.37 0.39 0.00	29.77 0.25 0.00	31.01 0.14 0.00	27.97 0.14 0.00	26.09 0.24 0.00	13.07 0.12 0.00	16.01 0.16 0.00	15.31 0.14 0.00	17.77 0.15 0.00	33.29 0.49 0.00	41.27 0.79 0.00	29.98 0.72 0.00	29.17 0.69 0.00	36.01 0.77 0.00	42.27 0.81 0.00	34.51 0.72 0.00
BOC_GAS_DRP 24189	32.74 0.36 0.00	38.22 0.45 0.00	40.83 0.44 0.00	38.44 0.46 0.00	41.31 0.50 0.00	44.02 0.49 0.00	50.56 0.78 0.00	40.08 0.66 0.00	29.37 0.38 0.00	29.83 0.31 0.00	31.18 0.32 0.00	28.16 0.33 0.00	26.21 0.36 0.00	13.11 0.17 0.00	16.04 0.20 0.00	15.39 0.21 0.00	17.82 0.20 0.00	33.26 0.45 0.00	41.11 0.64 0.00	29.83 0.57 0.00	29.03 0.55 0.00	35.85 0.61 0.00	42.09 0.63 0.00	34.37 0.58 0.00
BOONVILLE_115KV_TB1 79983	32.64 0.26 0.00	37.98 0.20 0.00	40.54 0.15 0.00	37.98 0.00 0.00	40.98 0.17 0.00	43.83 0.29 0.00	50.62 0.84 0.00	40.25 0.83 0.00	29.60 0.61 0.00	29.92 0.40 0.00	31.15 0.28 0.00	28.09 0.25 0.00	26.08 0.22 0.00	12.99 0.04 0.00	15.79 -0.06 0.00	15.13 -0.04 0.00	17.80 0.18 0.00	33.31 0.52 0.00	41.21 0.74 0.00	29.88 0.61 0.00	29.01 0.53 0.00	35.60 0.36 0.00	41.74 0.28 0.00	33.92 0.13 0.00
BORALEX_4TH_BRANCH 23824	33.17 0.80 0.00	38.73 0.95 0.00	41.33 0.94 0.00	38.87 0.89 0.00	41.98 1.16 0.00	44.89 1.36 0.00	51.75 1.97 0.00	40.86 1.43 0.00	29.80 0.81 0.00	30.12 0.60 0.00	31.53 0.66 0.00	28.40 0.56 0.00	26.41 0.56 0.00	13.22 0.27 0.00	16.10 0.26 0.00	15.47 0.29 0.00	18.03 0.42 0.00	33.73 0.92 0.00	41.63 1.16 0.00	30.20 0.94 0.00	29.41 0.93 0.00	36.43 1.20 0.00	42.90 1.44 0.00	35.06 1.26 0.00
BOWLINE___1 23526	33.37 1.00 0.00	38.77 0.99 0.00	41.34 0.96 0.00	38.94 0.96 0.00	41.88 1.06 0.00	44.88 1.35 0.00	51.70 1.93 0.00	41.60 1.75 -0.43	30.04 1.06 0.00	30.49 0.97 0.00	31.92 1.05 0.00	28.84 1.00 0.00	26.77 0.91 0.00	13.37 0.42 0.00	16.30 0.46 0.00	15.68 0.50 0.00	18.24 0.62 0.00	34.00 1.20 0.00	42.21 1.74 0.00	30.57 1.30 0.00	29.77 1.29 0.00	36.64 1.40 0.00	43.03 1.57 0.00	35.16 1.37 0.00
BOWLINE___2 23595	33.37 1.00 0.00	38.77 0.99 0.00	41.34 0.96 0.00	38.94 0.96 0.00	41.88 1.06 0.00	44.88 1.35 0.00	51.72 1.94 0.00	41.62 1.76 -0.43	30.05 1.07 0.00	30.50 0.98 0.00	31.93 1.06 0.00	28.86 1.02 0.00	26.78 0.93 0.00	13.38 0.43 0.00	16.31 0.46 0.00	15.69 0.51 0.00	18.25 0.63 0.00	34.00 1.20 0.00	42.22 1.74 0.00	30.58 1.32 0.00	29.79 1.31 0.00	36.65 1.41 0.00	43.04 1.58 0.00	35.17 1.38 0.00
BRADY___115KV_TB2 356060	33.04 0.66 0.00	38.50 0.72 0.00	41.12 0.73 0.00	38.66 0.69 0.00	41.60 0.79 0.00	44.43 0.89 0.00	50.17 0.39 0.00	39.37 -0.05 0.00	29.11 0.12 0.00	29.74 0.22 0.00	31.08 0.21 0.00	28.07 0.23 0.00	26.06 0.21 0.00	13.09 0.14 0.00	16.03 0.18 0.00	15.30 0.13 0.00	17.82 0.20 0.00	33.24 0.44 0.00	40.89 0.41 0.00	29.55 0.29 0.00	28.86 0.38 0.00	35.92 0.69 0.00	42.28 0.82 0.00	34.37 0.58 0.00
BRANSCOMB___SOLAR 323811	33.45 1.08 0.00	39.06 1.29 0.00	41.70 1.32 0.00	39.20 1.22 0.00	42.29 1.48 0.00	45.23 1.69 0.00	52.01 2.23 0.00	41.10 1.67 0.00	29.85 0.86 0.00	30.17 0.64 0.00	31.51 0.64 0.00	28.39 0.56 0.00	26.37 0.51 0.00	13.23 0.28 0.00	16.11 0.27 0.00	15.41 0.23 0.00	17.94 0.32 0.00	33.69 0.89 0.00	41.57 1.09 0.00	30.12 0.86 0.00	29.31 0.84 0.00	36.30 1.07 0.00	42.95 1.49 0.00	35.25 1.45 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.01 1.64 0.00	39.58 1.80 0.00	42.07 1.68 0.00	39.42 1.44 0.00	42.24 1.43 0.00	45.19 1.74 0.08	50.57 2.44 1.65	35.90 2.67 6.20	29.26 1.46 1.19	29.35 1.41 1.58	31.07 2.03 1.83	25.35 1.96 4.44	21.84 1.48 5.50	10.88 0.56 2.63	14.26 0.47 2.05	13.26 0.63 2.55	14.99 0.74 3.37	31.60 1.52 2.72	41.07 2.51 1.92	29.80 1.96 1.41	29.59 2.15 1.03	36.87 2.36 0.72	43.44 2.50 0.51	35.24 2.25 0.79

BRISTLHL_115KV_TB1 79998	31.67 -0.71 0.00	36.95 -0.83 0.00	39.51 -0.87 0.00	37.14 -0.84 0.00	39.91 -0.90 0.00	42.62 -0.92 0.00	48.93 -0.85 0.00	38.76 -0.67 0.00	28.43 -0.56 0.00	28.94 -0.58 0.00	30.31 -0.56 0.00	27.27 -0.56 0.00	25.27 -0.59 0.00	12.64 -0.31 0.00	15.47 -0.38 0.00	14.81 -0.36 0.00	17.29 -0.33 0.00	32.14 -0.67 0.00	39.72 -0.75 0.00	28.77 -0.49 0.00	27.94 -0.54 0.00	34.46 -0.77 0.00	40.55 -0.91 0.00	33.00 -0.80 0.00
BROOKHAVEN___DRP 24191	34.00 1.63 0.00	39.46 1.68 0.00	41.84 1.45 0.00	39.20 1.22 0.00	42.00 1.19 0.00	45.00 1.55 0.08	50.21 2.15 1.72	35.62 2.56 6.37	29.09 1.29 1.19	29.15 1.21 1.58	30.88 1.86 1.84	25.10 1.77 4.51	21.21 1.32 5.97	10.73 0.43 2.65	14.11 0.31 2.05	13.13 0.50 2.55	14.87 0.62 3.37	31.34 1.25 2.72	40.78 2.23 1.92	29.52 1.67 1.41	29.45 2.00 1.03	36.73 2.21 0.72	43.22 2.28 0.51	35.03 2.04 0.79
BROOKLYN_NAVY_YARD 23515	33.95 1.58 0.00	39.43 1.65 0.00	42.00 1.62 0.00	39.53 1.55 0.00	42.46 1.65 0.00	45.57 1.97 -0.06	53.70 2.68 -1.25	60.52 2.48 -18.61	55.47 1.61 -24.87	65.45 1.54 -34.39	66.22 1.69 -33.66	98.09 1.54 -68.71	101.17 1.39 -73.93	71.11 0.65 -57.51	63.78 0.73 -47.21	74.51 0.74 -58.60	96.06 0.90 -77.54	97.12 1.72 -62.61	87.02 2.37 -44.18	63.63 1.85 -32.52	54.10 1.87 -23.76	53.87 2.08 -16.56	55.67 2.38 -11.83	54.12 2.02 -18.30
BROOKLYN___ARMY_DRP 323595	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
BROOKVLE_69_KV_TB1 55790	33.92 1.55 0.00	39.44 1.66 0.00	41.97 1.58 0.00	39.43 1.46 0.00	42.36 1.54 0.00	45.43 1.89 0.00	52.41 2.63 0.00	39.68 2.55 2.29	29.44 1.56 1.10	29.58 1.55 1.49	31.17 1.92 1.63	26.46 1.78 3.14	30.54 1.51 -3.17	11.45 0.64 2.15	14.45 0.66 2.05	13.34 0.71 2.55	15.11 0.86 3.37	31.83 1.75 2.72	41.09 2.54 1.92	29.79 1.95 1.41	29.44 1.99 1.03	36.71 2.19 0.72	43.35 2.40 0.51	35.10 2.10 0.79
BROOME_2_LFGE 323671	32.56 0.18 0.00	38.06 0.28 0.00	40.76 0.38 0.00	38.28 0.30 0.00	41.11 0.29 0.00	43.79 0.25 0.00	50.46 0.68 0.00	39.98 0.55 0.00	29.29 0.30 0.00	29.83 0.31 0.00	31.23 0.36 0.00	28.12 0.29 0.00	26.04 0.19 0.00	13.03 0.08 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.70 0.08 0.00	32.87 0.07 0.00	40.52 0.05 0.00	29.36 0.10 0.00	28.51 0.03 0.00	35.10 -0.14 0.00	41.40 -0.06 0.00	33.75 -0.05 0.00
BROOME___LFGE 323600	32.56 0.18 0.00	38.06 0.28 0.00	40.76 0.38 0.00	38.28 0.30 0.00	41.11 0.29 0.00	43.79 0.25 0.00	50.46 0.68 0.00	39.98 0.55 0.00	29.29 0.30 0.00	29.83 0.31 0.00	31.23 0.36 0.00	28.12 0.29 0.00	26.04 0.19 0.00	13.03 0.08 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.70 0.08 0.00	32.87 0.07 0.00	40.52 0.05 0.00	29.36 0.10 0.00	28.51 0.03 0.00	35.10 -0.14 0.00	41.40 -0.06 0.00	33.75 -0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.01 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.44 0.00	17.33 -0.28 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
BROWNSV1_27_KV_LOAD 356125	34.27 1.90 0.00	39.78 2.00 0.00	42.37 1.98 0.00	39.88 1.90 0.00	42.87 2.05 0.00	45.99 2.45 0.00	53.04 3.26 0.00	57.99 2.91 -15.65	55.66 1.88 -24.79	65.68 1.84 -34.32	66.55 2.02 -33.66	98.40 1.85 -68.71	101.44 1.66 -73.93	71.24 0.78 -57.51	63.94 0.88 -47.21	74.66 0.89 -58.60	96.24 1.07 -77.54	97.45 2.04 -62.61	87.43 2.77 -44.18	63.92 2.13 -32.52	54.38 2.14 -23.76	54.20 2.41 -16.56	56.05 2.75 -11.83	54.40 2.31 -18.30
BURROWS___LYONSDAL 23803	32.43 0.05 0.00	37.68 -0.10 0.00	40.21 -0.18 0.00	37.60 -0.38 0.00	40.63 -0.18 0.00	43.47 -0.07 0.00	50.27 0.49 0.00	40.04 0.62 0.00	29.49 0.50 0.00	29.78 0.26 0.00	30.98 0.12 0.00	27.92 0.09 0.00	25.93 0.08 0.00	12.89 -0.06 0.00	15.65 -0.19 0.00	15.01 -0.16 0.00	17.68 0.06 0.00	33.11 0.31 0.00	40.98 0.51 0.00	29.72 0.46 0.00	28.84 0.37 0.00	35.33 0.09 0.00	41.38 -0.08 0.00	33.63 -0.17 0.00
CAITHNESS_CC_1 323624	33.91 1.54 0.00	39.38 1.60 0.00	41.77 1.39 0.00	39.14 1.16 0.00	41.95 1.13 0.00	44.90 1.44 0.08	49.87 1.81 1.72	35.17 2.12 6.38	29.03 1.24 1.19	29.11 1.17 1.58	30.84 1.82 1.84	25.07 1.74 4.51	21.18 1.30 5.98	10.72 0.43 2.65	14.11 0.31 2.05	13.11 0.48 2.55	14.85 0.60 3.37	31.30 1.22 2.72	40.71 2.15 1.92	29.49 1.65 1.41	29.39 1.94 1.03	36.64 2.12 0.72	43.10 2.16 0.51	34.99 1.99 0.79
CALPINE BETH_PAGE_GT4 24209	33.65 1.27 0.00	39.13 1.35 0.00	41.62 1.24 0.00	39.03 1.06 0.00	41.74 0.92 0.00	44.73 1.24 0.04	50.71 1.88 0.95	36.98 2.10 4.54	28.97 1.15 1.17	29.14 1.16 1.54	30.94 1.76 1.69	25.93 1.64 3.54	27.65 1.28 -0.51	11.15 0.50 2.29	14.22 0.43 2.05	13.18 0.56 2.55	14.91 0.66 3.37	31.47 1.38 2.72	40.78 2.23 1.92	29.57 1.72 1.41	29.29 1.85 1.03	36.51 1.99 0.72	43.05 2.11 0.51	34.90 1.90 0.79
CALPINE_BETH_PAGE_GT_4 323586	33.64 1.27 0.00	39.13 1.35 0.00	41.62 1.24 0.00	39.03 1.06 0.00	41.74 0.92 0.00	44.71 1.22 0.04	50.47 1.64 0.95	36.77 1.88 4.54	28.95 1.12 1.17	29.12 1.14 1.54	30.95 1.77 1.69	25.93 1.64 3.54	27.66 1.29 -0.51	11.15 0.50 2.29	14.23 0.43 2.05	13.17 0.55 2.55	14.91 0.66 3.37	31.46 1.38 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.29 1.84 1.03	36.50 1.98 0.72	43.02 2.08 0.51	34.90 1.90 0.79
CALPINE_BP_GT1 23823	33.64 1.27 0.00	39.13 1.35 0.00	41.62 1.24 0.00	39.03 1.06 0.00	41.74 0.92 0.00	44.71 1.22 0.04	50.47 1.64 0.95	36.77 1.88 4.54	28.95 1.12 1.17	29.12 1.14 1.54	30.95 1.77 1.69	25.93 1.64 3.54	27.66 1.29 -0.51	11.15 0.50 2.29	14.23 0.43 2.05	13.17 0.55 2.55	14.91 0.66 3.37	31.46 1.38 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.29 1.84 1.03	36.50 1.98 0.72	43.02 2.08 0.51	34.90 1.90 0.79
CALSPAN___DRP 24200	31.21 -1.17 0.00	36.39 -1.38 0.00	39.13 -1.26 0.00	36.63 -1.34 0.00	38.89 -1.93 0.00	41.45 -2.09 0.00	47.33 -2.44 0.00	36.99 -2.44 0.00	27.42 -1.56 0.00	28.27 -1.25 0.00	29.75 -1.12 0.00	26.65 -1.18 0.00	24.70 -1.15 0.00	12.61 -0.34 0.00	15.54 -0.31 0.00	14.65 -0.53 0.00	16.97 -0.65 0.00	31.01 -1.79 0.00	37.64 -2.83 0.00	27.31 -1.96 0.00	26.43 -2.05 0.00	32.69 -2.55 0.00	38.98 -2.48 0.00	31.66 -2.13 0.00

CALVERTON___SOLAR 323806	34.12 1.74 0.00	39.54 1.76 0.00	41.89 1.50 0.00	39.22 1.24 0.00	42.04 1.22 0.00	45.03 1.57 0.08	50.03 1.98 1.72	35.29 2.23 6.37	29.09 1.29 1.19	29.14 1.20 1.58	30.91 1.88 1.84	25.12 1.79 4.51	21.22 1.33 5.96	10.72 0.43 2.65	14.10 0.30 2.05	13.11 0.48 2.55	14.86 0.61 3.37	31.34 1.26 2.72	40.79 2.24 1.92	29.54 1.69 1.41	29.50 2.05 1.03	36.77 2.25 0.72	43.22 2.27 0.51	35.06 2.06 0.79
CANDIGU_WT_PWR 323617	32.21 -0.17 0.00	37.63 -0.15 0.00	40.33 -0.05 0.00	37.73 -0.25 0.00	40.32 -0.49 0.00	42.84 -0.70 0.00	49.07 -0.71 0.00	38.67 -0.75 0.00	28.33 -0.65 0.00	28.77 -0.75 0.00	30.06 -0.81 0.00	26.82 -1.01 0.00	24.78 -1.07 0.00	12.48 -0.47 0.00	15.32 -0.53 0.00	14.62 -0.55 0.00	17.01 -0.61 0.00	31.78 -1.02 0.00	39.26 -1.21 0.00	28.32 -0.94 0.00	27.40 -1.07 0.00	33.61 -1.63 0.00	39.55 -1.90 0.00	32.31 -1.49 0.00
CARR STREET_E_SYR 24060	32.01 -0.37 0.00	37.35 -0.43 0.00	39.96 -0.43 0.00	37.55 -0.43 0.00	40.33 -0.48 0.00	43.05 -0.49 0.00	49.44 -0.34 0.00	39.16 -0.26 0.00	28.74 -0.24 0.00	29.27 -0.25 0.00	30.61 -0.26 0.00	27.56 -0.27 0.00	25.54 -0.31 0.00	12.80 -0.15 0.00	15.66 -0.18 0.00	15.00 -0.18 0.00	17.46 -0.16 0.00	32.46 -0.34 0.00	40.05 -0.42 0.00	29.01 -0.26 0.00	28.18 -0.30 0.00	34.74 -0.50 0.00	40.90 -0.56 0.00	33.30 -0.49 0.00
CARTHAGE___PAPER 23857	32.18 -0.20 0.00	37.30 -0.48 0.00	39.79 -0.59 0.00	37.10 -0.87 0.00	40.21 -0.61 0.00	43.08 -0.46 0.00	50.01 0.23 0.00	39.86 0.43 0.00	29.39 0.40 0.00	29.52 0.00 0.00	30.50 -0.37 0.00	27.38 -0.46 0.00	25.61 -0.24 0.00	12.62 -0.33 0.00	15.32 -0.52 0.00	14.69 -0.49 0.00	17.52 -0.10 0.00	32.84 0.03 0.00	40.82 0.35 0.00	29.69 0.43 0.00	28.80 0.32 0.00	35.16 -0.08 0.00	41.08 -0.38 0.00	33.30 -0.50 0.00
CASSADAGA_WT_PWR 323784	32.31 -0.06 0.00	37.80 0.03 0.00	40.53 0.14 0.00	37.77 -0.21 0.00	39.40 -1.42 0.00	41.77 -1.77 0.00	48.43 -1.35 0.00	38.13 -1.30 0.00	27.94 -1.05 0.00	28.81 -0.71 0.00	30.28 -0.59 0.00	27.37 -0.46 0.00	25.51 -0.34 0.00	12.97 0.02 0.00	15.97 0.12 0.00	14.83 -0.35 0.00	17.48 -0.13 0.00	32.50 -0.31 0.00	39.22 -1.25 0.00	27.79 -1.47 0.00	26.73 -1.75 0.00	32.86 -2.38 0.00	39.11 -2.35 0.00	31.69 -2.10 0.00
CE_DUNWOOD___DRP 24194	33.74 1.36 0.00	39.20 1.42 0.00	41.78 1.39 0.00	39.33 1.36 0.00	42.29 1.47 0.00	45.31 1.78 0.00	52.24 2.46 0.00	42.88 2.22 -1.23	30.94 1.38 -0.58	31.62 1.30 -0.80	33.26 1.44 -0.95	31.38 1.35 -2.20	28.79 1.21 -1.72	14.85 0.56 -1.34	17.55 0.61 -1.10	17.18 0.64 -1.36	20.20 0.78 -1.80	35.77 1.51 -1.46	43.62 2.12 -1.03	31.65 1.64 -0.76	30.67 1.64 -0.55	37.43 1.81 -0.38	43.77 2.04 -0.27	35.95 1.73 -0.43
CE_MILLWOOD___DRP 24193	33.64 1.27 0.00	39.10 1.32 0.00	41.68 1.30 0.00	39.24 1.26 0.00	42.20 1.38 0.00	45.21 1.68 0.00	52.13 2.35 0.00	42.53 2.12 -0.99	30.29 1.30 0.00	30.74 1.22 0.00	32.56 1.34 -0.35	30.33 1.26 -1.23	26.99 1.14 0.00	13.47 0.52 0.00	16.42 0.57 0.00	15.78 0.60 0.00	18.36 0.74 0.00	34.23 1.43 0.00	42.49 2.01 0.00	30.82 1.55 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.43 1.64 0.00
CE_NYC2_DRP 24202	34.14 1.77 0.00	39.61 1.83 0.00	42.16 1.78 0.00	39.70 1.73 0.00	42.67 1.85 0.00	45.75 2.21 0.00	52.78 3.01 0.00	60.21 2.71 -18.07	58.82 1.72 -28.11	70.79 1.69 -39.58	71.88 1.87 -39.14	110.84 1.68 -81.33	111.16 1.48 -83.82	78.87 0.71 -65.21	70.17 0.80 -53.53	82.42 0.80 -66.44	106.50 0.95 -87.93	105.62 1.83 -70.99	93.09 2.52 -50.10	68.08 1.95 -36.88	57.36 1.94 -26.94	56.22 2.21 -18.77	57.41 2.53 -13.42	56.68 2.13 -20.75
CE_NYC_DRP 24195	34.03 1.65 0.00	39.51 1.73 0.00	42.08 1.70 0.00	39.61 1.64 0.00	42.59 1.77 0.00	45.67 2.13 0.00	52.66 2.88 0.00	57.06 2.61 -15.02	54.56 1.65 -23.92	64.25 1.61 -33.12	64.87 1.77 -32.23	94.88 1.63 -65.41	98.65 1.45 -71.34	69.13 0.68 -55.50	62.16 0.76 -45.56	72.51 0.78 -56.55	93.39 0.94 -74.83	95.01 1.79 -60.42	85.56 2.45 -42.64	62.54 1.90 -31.39	53.31 1.91 -22.93	53.34 2.12 -15.98	55.30 2.42 -11.42	53.50 2.05 -17.66
CHAFFEE___LFGE 323603	32.48 0.10 0.00	37.97 0.19 0.00	40.65 0.26 0.00	38.04 0.06 0.00	40.50 -0.31 0.00	43.19 -0.34 0.00	49.58 -0.20 0.00	39.05 -0.38 0.00	28.69 -0.30 0.00	29.57 0.05 0.00	31.08 0.21 0.00	27.95 0.11 0.00	25.88 0.03 0.00	13.12 0.17 0.00	16.06 0.22 0.00	15.21 0.03 0.00	17.65 0.03 0.00	32.43 -0.38 0.00	39.45 -1.03 0.00	28.50 -0.76 0.00	27.63 -0.85 0.00	33.96 -1.28 0.00	40.65 -0.81 0.00	33.05 -0.75 0.00
CHATEAUG_35_KV_LOAD 355732	32.51 0.13 0.00	38.16 0.39 0.00	40.70 0.32 0.00	38.40 0.42 0.00	41.30 0.49 0.00	44.22 0.68 0.00	50.38 0.61 0.00	39.63 0.20 0.00	29.20 0.21 0.00	29.92 0.40 0.00	31.39 0.52 0.00	28.33 0.49 0.00	26.30 0.44 0.00	13.19 0.24 0.00	16.14 0.29 0.00	15.38 0.21 0.00	17.85 0.23 0.00	32.95 0.15 0.00	40.56 0.09 0.00	29.36 0.10 0.00	28.59 0.12 0.00	35.93 0.69 0.00	42.30 0.84 0.00	34.29 0.50 0.00
CHATEAUG_WT_PWR 323614	32.47 0.10 0.00	38.11 0.33 0.00	40.65 0.26 0.00	38.33 0.35 0.00	41.23 0.42 0.00	44.12 0.59 0.00	50.27 0.49 0.00	39.56 0.13 0.00	29.21 0.22 0.00	29.92 0.40 0.00	31.40 0.53 0.00	28.34 0.50 0.00	26.31 0.46 0.00	13.20 0.25 0.00	16.14 0.29 0.00	15.40 0.22 0.00	17.87 0.25 0.00	32.99 0.19 0.00	40.54 0.06 0.00	29.32 0.06 0.00	28.56 0.08 0.00	35.84 0.61 0.00	42.21 0.75 0.00	34.25 0.45 0.00
CHAT_HIGH_FALL_HYD 323578	32.51 0.13 0.00	38.16 0.39 0.00	40.70 0.32 0.00	38.40 0.42 0.00	41.30 0.49 0.00	44.22 0.68 0.00	50.38 0.61 0.00	39.63 0.20 0.00	29.20 0.21 0.00	29.92 0.40 0.00	31.39 0.52 0.00	28.33 0.49 0.00	26.30 0.44 0.00	13.19 0.24 0.00	16.14 0.29 0.00	15.38 0.21 0.00	17.85 0.23 0.00	32.95 0.15 0.00	40.56 0.09 0.00	29.36 0.10 0.00	28.59 0.12 0.00	35.93 0.69 0.00	42.30 0.84 0.00	34.29 0.50 0.00
CHAUTAUQUA___LFGE 323629	31.90 -0.48 0.00	37.28 -0.50 0.00	40.04 -0.35 0.00	37.42 -0.56 0.00	39.44 -1.38 0.00	41.91 -1.62 0.00	48.48 -1.30 0.00	38.05 -1.38 0.00	27.99 -1.00 0.00	28.79 -0.73 0.00	30.24 -0.63 0.00	27.31 -0.52 0.00	25.39 -0.46 0.00	12.91 -0.03 0.00	15.89 0.05 0.00	14.89 -0.29 0.00	17.49 -0.13 0.00	32.28 -0.52 0.00	38.98 -1.50 0.00	27.89 -1.37 0.00	26.88 -1.60 0.00	33.02 -2.21 0.00	39.39 -2.07 0.00	32.06 -1.73 0.00
CHERRYST_13_KV_LD 356241	34.12 1.74 0.00	39.61 1.83 0.00	42.21 1.82 0.00	39.72 1.75 0.00	42.71 1.89 0.00	45.81 2.28 0.00	52.82 3.04 0.00	57.26 2.75 -15.08	54.76 1.77 -24.01	64.47 1.71 -33.24	65.13 1.88 -32.37	95.32 1.74 -65.75	99.00 1.55 -71.60	69.38 0.73 -55.70	62.39 0.82 -45.72	72.76 0.83 -56.75	93.73 1.01 -75.10	95.35 1.91 -60.64	85.86 2.60 -42.79	62.75 1.99 -31.50	53.48 1.99 -23.01	53.50 2.23 -16.04	55.46 2.54 -11.46	53.66 2.14 -17.72

CHESTROR_138KV_BK263 355645	33.24 0.87 0.00	38.66 0.88 0.00	41.25 0.87 0.00	38.84 0.87 0.00	41.77 0.96 0.00	44.73 1.20 0.00	51.48 1.70 0.00	41.19 1.54 -0.22	29.92 0.93 0.00	30.37 0.85 0.00	31.75 0.88 0.00	28.69 0.86 0.00	26.66 0.80 0.00	13.30 0.35 0.00	16.22 0.37 0.00	15.59 0.42 0.00	18.14 0.53 0.00	33.85 1.05 0.00	41.98 1.50 0.00	30.42 1.16 0.00	29.63 1.15 0.00	36.47 1.24 0.00	42.82 1.37 0.00	34.98 1.19 0.00
CH_MIDHUDSON___DRP 24192	33.60 1.23 0.00	39.10 1.32 0.00	41.69 1.31 0.00	39.26 1.28 0.00	42.22 1.41 0.00	45.21 1.68 0.00	52.13 2.35 0.00	41.49 2.06 0.00	30.27 1.28 0.00	30.71 1.19 0.00	32.12 1.25 0.00	29.00 1.17 0.00	26.91 1.06 0.00	13.44 0.49 0.00	16.38 0.54 0.00	15.74 0.56 0.00	18.31 0.69 0.00	34.19 1.39 0.00	42.42 1.95 0.00	30.80 1.54 0.00	29.99 1.52 0.00	36.93 1.69 0.00	43.30 1.84 0.00	35.35 1.56 0.00
CH_MISC_IPPS 23765	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.40 1.87 0.00	52.33 2.56 0.00	41.65 2.23 0.00	30.40 1.41 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.28 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.79 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.94 1.68 0.00	30.14 1.66 0.00	37.09 1.85 0.00	43.50 2.04 0.00	35.50 1.70 0.00
CH_RES_BVR_FALLS 23983	32.28 -0.10 0.00	37.59 -0.19 0.00	40.17 -0.21 0.00	37.71 -0.27 0.00	40.56 -0.26 0.00	43.28 -0.26 0.00	49.25 -0.53 0.00	39.03 -0.40 0.00	28.90 -0.09 0.00	29.53 0.01 0.00	30.91 0.04 0.00	27.88 0.04 0.00	25.86 0.01 0.00	12.93 -0.02 0.00	15.80 -0.05 0.00	15.15 -0.03 0.00	17.56 -0.06 0.00	32.65 -0.15 0.00	40.13 -0.35 0.00	28.93 -0.33 0.00	28.05 -0.42 0.00	34.78 -0.45 0.00	41.01 -0.44 0.00	33.38 -0.41 0.00
CH_RES_NIAGARA 23895	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.25 -3.56 0.00	39.70 -3.84 0.00	44.97 -4.81 0.00	34.98 -4.45 0.00	26.10 -2.89 0.00	27.12 -2.40 0.00	28.61 -2.26 0.00	25.66 -2.17 0.00	23.80 -2.06 0.00	12.18 -0.76 0.00	15.00 -0.85 0.00	14.16 -1.02 0.00	16.35 -1.27 0.00	29.63 -3.17 0.00	35.90 -4.57 0.00	26.15 -3.11 0.00	25.36 -3.12 0.00	31.46 -3.77 0.00	37.64 -3.82 0.00	30.57 -3.23 0.00
CH_RES_SYRACUSE 23985	32.21 -0.16 0.00	37.59 -0.19 0.00	40.22 -0.16 0.00	37.79 -0.19 0.00	40.57 -0.25 0.00	43.34 -0.20 0.00	49.79 0.01 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.65 -0.20 0.00	12.85 -0.10 0.00	15.72 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.93 -0.30 0.00	41.13 -0.33 0.00	33.49 -0.30 0.00
CLINTON_WT_PWR 323605	32.47 0.10 0.00	38.11 0.33 0.00	40.65 0.26 0.00	38.33 0.35 0.00	41.23 0.42 0.00	44.12 0.59 0.00	50.27 0.49 0.00	39.56 0.13 0.00	29.21 0.22 0.00	29.92 0.40 0.00	31.40 0.53 0.00	28.34 0.50 0.00	26.31 0.46 0.00	13.20 0.25 0.00	16.14 0.29 0.00	15.40 0.22 0.00	17.87 0.25 0.00	32.99 0.19 0.00	40.54 0.06 0.00	29.32 0.06 0.00	28.56 0.08 0.00	35.84 0.61 0.00	42.21 0.75 0.00	34.25 0.45 0.00
CLINTON___LFGE 323618	32.79 0.42 0.00	38.49 0.71 0.00	41.03 0.64 0.00	38.68 0.70 0.00	41.67 0.86 0.00	44.58 1.05 0.00	50.95 1.17 0.00	40.08 0.65 0.00	29.47 0.48 0.00	30.16 0.63 0.00	31.68 0.82 0.00	28.58 0.75 0.00	26.54 0.68 0.00	13.31 0.36 0.00	16.28 0.43 0.00	15.53 0.36 0.00	18.06 0.44 0.00	33.38 0.58 0.00	41.05 0.57 0.00	29.71 0.45 0.00	28.93 0.45 0.00	36.29 1.06 0.00	42.68 1.22 0.00	34.62 0.83 0.00
COBBLENY_34_KV_TB1 80064	32.48 0.10 0.00	37.97 0.19 0.00	40.64 0.26 0.00	38.04 0.06 0.00	40.49 -0.33 0.00	43.18 -0.36 0.00	49.54 -0.24 0.00	39.00 -0.42 0.00	28.68 -0.30 0.00	29.56 0.04 0.00	31.08 0.21 0.00	27.91 0.08 0.00	25.88 0.02 0.00	13.13 0.18 0.00	16.07 0.23 0.00	15.20 0.03 0.00	17.65 0.03 0.00	32.40 -0.40 0.00	39.46 -1.02 0.00	28.49 -0.77 0.00	27.61 -0.86 0.00	33.99 -1.25 0.00	40.66 -0.80 0.00	33.05 -0.75 0.00
COFFEEN___115KV_TB3 355620	32.02 -0.36 0.00	37.10 -0.68 0.00	39.60 -0.78 0.00	36.92 -1.06 0.00	40.01 -0.80 0.00	42.88 -0.66 0.00	49.98 0.20 0.00	39.86 0.44 0.00	29.32 0.33 0.00	29.32 -0.20 0.00	30.24 -0.63 0.00	27.04 -0.80 0.00	25.53 -0.33 0.00	12.48 -0.47 0.00	15.15 -0.69 0.00	14.51 -0.67 0.00	17.42 -0.20 0.00	32.66 -0.14 0.00	40.79 0.32 0.00	29.73 0.47 0.00	28.83 0.36 0.00	35.14 -0.10 0.00	40.97 -0.49 0.00	33.17 -0.63 0.00
COLDSPRG_115KV_BK1 355956	32.83 0.46 0.00	38.38 0.59 0.00	41.12 0.74 0.00	38.44 0.46 0.00	40.58 -0.23 0.00	43.24 -0.29 0.00	49.93 0.15 0.00	39.27 -0.16 0.00	28.87 -0.12 0.00	29.76 0.24 0.00	31.26 0.38 0.00	28.13 0.30 0.00	26.14 0.29 0.00	13.28 0.33 0.00	16.31 0.47 0.00	15.31 0.14 0.00	17.89 0.27 0.00	32.99 0.19 0.00	40.00 -0.47 0.00	28.67 -0.59 0.00	27.70 -0.78 0.00	34.10 -1.14 0.00	40.67 -0.79 0.00	33.00 -0.79 0.00
COLONIE_LFGE___ 323577	33.01 0.63 0.00	38.51 0.73 0.00	41.11 0.73 0.00	38.68 0.70 0.00	41.70 0.88 0.00	44.55 1.01 0.00	51.26 1.49 0.00	40.57 1.14 0.00	29.60 0.61 0.00	29.98 0.46 0.00	31.34 0.47 0.00	28.23 0.40 0.00	26.25 0.39 0.00	13.14 0.19 0.00	16.04 0.19 0.00	15.38 0.20 0.00	17.88 0.26 0.00	33.48 0.68 0.00	41.38 0.90 0.00	30.00 0.73 0.00	29.20 0.72 0.00	36.13 0.89 0.00	42.51 1.05 0.00	34.75 0.95 0.00
COOPERNY_115KV_TB1 80082	32.99 0.62 0.00	38.44 0.66 0.00	41.06 0.67 0.00	38.64 0.67 0.00	41.55 0.73 0.00	44.39 0.86 0.00	51.04 1.26 0.00	40.56 1.13 0.00	29.71 0.72 0.00	30.16 0.63 0.00	31.52 0.65 0.00	28.47 0.64 0.00	26.46 0.60 0.00	13.21 0.26 0.00	16.13 0.28 0.00	15.49 0.31 0.00	18.01 0.39 0.00	33.58 0.78 0.00	41.57 1.09 0.00	30.10 0.83 0.00	29.30 0.83 0.00	36.10 0.86 0.00	42.42 0.97 0.00	34.64 0.84 0.00
COPENHAGEN_WT_PWR 323753	31.58 -0.80 0.00	36.55 -1.23 0.00	39.02 -1.36 0.00	36.31 -1.67 0.00	39.40 -1.42 0.00	42.21 -1.33 0.00	49.22 -0.56 0.00	39.40 -0.03 0.00	29.14 0.16 0.00	29.28 -0.24 0.00	30.27 -0.61 0.00	27.09 -0.75 0.00	25.42 -0.44 0.00	12.46 -0.49 0.00	15.10 -0.75 0.00	14.50 -0.68 0.00	17.30 -0.32 0.00	32.34 -0.47 0.00	40.24 -0.24 0.00	29.29 0.03 0.00	28.38 -0.09 0.00	34.53 -0.71 0.00	40.24 -1.22 0.00	32.62 -1.17 0.00
CORNELL_____ 23752	32.90 0.53 0.00	38.42 0.64 0.00	41.14 0.75 0.00	38.64 0.66 0.00	41.51 0.69 0.00	44.34 0.81 0.00	51.02 1.24 0.00	40.18 0.75 0.00	29.44 0.45 0.00	30.00 0.48 0.00	31.37 0.50 0.00	28.13 0.30 0.00	25.90 0.05 0.00	12.94 -0.01 0.00	15.88 0.03 0.00	15.16 -0.02 0.00	17.82 0.20 0.00	33.06 0.26 0.00	40.95 0.48 0.00	29.79 0.53 0.00	28.92 0.44 0.00	35.57 0.33 0.00	41.86 0.40 0.00	34.05 0.26 0.00

CORONA V_69_KV_TB1 355595	33.81 1.43 0.00	39.30 1.53 0.00	41.81 1.43 0.00	39.26 1.28 0.00	42.13 1.32 0.00	45.33 1.67 -0.12	54.58 2.32 -2.48	45.39 2.37 -3.59	29.52 1.44 0.90	29.59 1.43 1.36	31.82 1.94 0.99	30.43 1.79 -0.81	57.03 1.48 -29.70	12.87 0.61 0.69	14.42 0.62 2.05	13.33 0.70 2.55	15.07 0.82 3.37	31.69 1.61 2.72	41.01 2.46 1.92	29.73 1.88 1.41	29.43 1.98 1.03	36.67 2.15 0.72	43.32 2.37 0.51	35.12 2.11 0.79
CORTLAND_115KV_TB3 80093	32.64 0.27 0.00	38.13 0.35 0.00	40.80 0.42 0.00	38.34 0.36 0.00	41.19 0.38 0.00	43.97 0.43 0.00	50.58 0.80 0.00	40.02 0.60 0.00	29.33 0.35 0.00	29.83 0.31 0.00	31.18 0.31 0.00	28.07 0.24 0.00	25.94 0.09 0.00	12.97 0.02 0.00	15.88 0.03 0.00	15.18 0.00 0.00	17.76 0.14 0.00	33.02 0.21 0.00	40.82 0.35 0.00	29.59 0.33 0.00	28.74 0.26 0.00	35.37 0.14 0.00	41.65 0.19 0.00	33.89 0.10 0.00
COXSACKIE__GT 23611	33.82 1.44 0.00	39.45 1.67 0.00	42.08 1.69 0.00	39.66 1.68 0.00	42.69 1.88 0.00	45.58 2.05 0.00	52.60 2.83 0.00	41.48 2.05 0.00	30.30 1.32 0.00	30.84 1.32 0.00	31.83 0.96 0.00	28.46 0.63 0.00	26.70 0.84 0.00	13.24 0.30 0.00	16.13 0.29 0.00	15.44 0.26 0.00	17.96 0.34 0.00	33.88 1.08 0.00	42.41 1.94 0.00	31.00 1.73 0.00	30.17 1.69 0.00	37.16 1.92 0.00	43.47 2.01 0.00	35.39 1.60 0.00
CPV_VALLEY__CC1 323721	33.03 0.65 0.00	38.42 0.64 0.00	41.02 0.63 0.00	38.61 0.64 0.00	41.51 0.70 0.00	44.42 0.89 0.00	51.11 1.33 0.00	40.79 1.24 -0.12	29.73 0.74 0.00	30.19 0.67 0.00	31.58 0.70 0.00	28.52 0.69 0.00	26.49 0.64 0.00	13.23 0.28 0.00	16.15 0.30 0.00	15.52 0.34 0.00	18.06 0.44 0.00	33.68 0.88 0.00	41.74 1.27 0.00	30.21 0.94 0.00	29.42 0.94 0.00	36.22 0.98 0.00	42.53 1.08 0.00	34.75 0.95 0.00
CPV_VALLEY__CC2 323722	33.03 0.65 0.00	38.42 0.64 0.00	41.02 0.63 0.00	38.61 0.64 0.00	41.51 0.70 0.00	44.42 0.89 0.00	51.11 1.33 0.00	40.79 1.24 -0.12	29.73 0.74 0.00	30.19 0.67 0.00	31.58 0.70 0.00	28.52 0.69 0.00	26.49 0.64 0.00	13.23 0.28 0.00	16.15 0.30 0.00	15.52 0.34 0.00	18.06 0.44 0.00	33.68 0.88 0.00	41.74 1.27 0.00	30.21 0.94 0.00	29.42 0.94 0.00	36.22 0.98 0.00	42.53 1.08 0.00	34.75 0.95 0.00
CRESCENT__HYD 24018	33.01 0.63 0.00	38.51 0.73 0.00	41.11 0.73 0.00	38.68 0.70 0.00	41.70 0.88 0.00	44.55 1.01 0.00	51.26 1.49 0.00	40.57 1.14 0.00	29.60 0.61 0.00	29.98 0.46 0.00	31.34 0.47 0.00	28.23 0.40 0.00	26.25 0.39 0.00	13.14 0.19 0.00	16.04 0.19 0.00	15.38 0.20 0.00	17.88 0.26 0.00	33.48 0.68 0.00	41.38 0.90 0.00	30.00 0.73 0.00	29.20 0.72 0.00	36.13 0.89 0.00	42.51 1.05 0.00	34.75 0.95 0.00
CRICKET__VALLEY_CC1 323756	33.30 0.92 0.00	38.75 0.97 0.00	41.32 0.93 0.00	38.90 0.92 0.00	41.87 1.05 0.00	44.88 1.34 0.00	51.79 2.01 0.00	41.17 1.75 0.00	30.03 1.04 0.00	30.46 0.94 0.00	31.85 0.98 0.00	28.72 0.89 0.00	26.67 0.81 0.00	13.33 0.38 0.00	16.24 0.40 0.00	15.59 0.42 0.00	18.16 0.55 0.00	33.88 1.08 0.00	42.07 1.60 0.00	30.56 1.30 0.00	29.74 1.27 0.00	36.66 1.42 0.00	42.96 1.50 0.00	35.10 1.31 0.00
CRICKET__VALLEY_CC2 323757	33.30 0.92 0.00	38.75 0.97 0.00	41.32 0.93 0.00	38.90 0.92 0.00	41.87 1.05 0.00	44.88 1.34 0.00	51.79 2.01 0.00	41.17 1.75 0.00	30.03 1.04 0.00	30.46 0.94 0.00	31.85 0.98 0.00	28.72 0.89 0.00	26.67 0.81 0.00	13.33 0.38 0.00	16.24 0.40 0.00	15.59 0.42 0.00	18.16 0.55 0.00	33.88 1.08 0.00	42.07 1.60 0.00	30.56 1.30 0.00	29.74 1.27 0.00	36.66 1.42 0.00	42.96 1.50 0.00	35.10 1.31 0.00
CRICKET__VALLEY_CC3 323758	33.30 0.92 0.00	38.75 0.97 0.00	41.32 0.93 0.00	38.90 0.92 0.00	41.87 1.05 0.00	44.88 1.34 0.00	51.79 2.01 0.00	41.17 1.75 0.00	30.03 1.04 0.00	30.46 0.94 0.00	31.85 0.98 0.00	28.72 0.89 0.00	26.67 0.81 0.00	13.33 0.38 0.00	16.24 0.40 0.00	15.59 0.42 0.00	18.16 0.55 0.00	33.88 1.08 0.00	42.07 1.60 0.00	30.56 1.30 0.00	29.74 1.27 0.00	36.66 1.42 0.00	42.96 1.50 0.00	35.10 1.31 0.00
CRUCIBLE_METL_DRP 24180	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00
DAHOWA__HYDRO 323763	33.54 1.16 0.00	39.17 1.39 0.00	41.81 1.42 0.00	39.28 1.31 0.00	42.40 1.59 0.00	45.37 1.84 0.00	52.17 2.39 0.00	41.23 1.80 0.00	29.91 0.93 0.00	30.21 0.69 0.00	31.57 0.70 0.00	28.44 0.61 0.00	26.41 0.55 0.00	13.26 0.31 0.00	16.15 0.30 0.00	15.43 0.25 0.00	17.96 0.34 0.00	33.72 0.91 0.00	41.55 1.07 0.00	30.07 0.81 0.00	29.28 0.81 0.00	36.27 1.03 0.00	43.00 1.54 0.00	35.35 1.56 0.00
DANC__LFGE 323619	31.63 -0.74 0.00	36.73 -1.05 0.00	39.24 -1.14 0.00	36.66 -1.32 0.00	39.62 -1.19 0.00	42.36 -1.17 0.00	49.07 -0.71 0.00	39.12 -0.31 0.00	28.83 -0.15 0.00	29.13 -0.40 0.00	30.26 -0.61 0.00	27.11 -0.72 0.00	25.35 -0.50 0.00	12.52 -0.43 0.00	15.24 -0.61 0.00	14.60 -0.58 0.00	17.27 -0.35 0.00	32.24 -0.56 0.00	40.01 -0.46 0.00	29.08 -0.18 0.00	28.21 -0.27 0.00	34.48 -0.75 0.00	40.35 -1.11 0.00	32.76 -1.04 0.00
DANSKAMMER__1 23586	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.40 1.87 0.00	52.33 2.56 0.00	41.65 2.23 0.00	30.40 1.41 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.28 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.79 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.94 1.68 0.00	30.14 1.66 0.00	37.09 1.85 0.00	43.50 2.04 0.00	35.50 1.70 0.00
DANSKAMMER__2 23589	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.40 1.87 0.00	52.33 2.56 0.00	41.65 2.23 0.00	30.40 1.41 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.28 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.79 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.94 1.68 0.00	30.14 1.66 0.00	37.09 1.85 0.00	43.50 2.04 0.00	35.50 1.70 0.00
DANSKAMMER__3 23590	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.40 1.87 0.00	52.33 2.56 0.00	41.65 2.23 0.00	30.40 1.41 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.28 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.79 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.94 1.68 0.00	30.14 1.66 0.00	37.09 1.85 0.00	43.50 2.04 0.00	35.50 1.70 0.00

DANSKAMMER___4 23591	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.40 1.87 0.00	52.33 2.56 0.00	41.65 2.23 0.00	30.40 1.41 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.28 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.79 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.94 1.68 0.00	30.14 1.66 0.00	37.09 1.85 0.00	43.50 2.04 0.00	35.50 1.70 0.00
DANSKAMMER___DIESEL 23592	33.74 1.36 0.00	39.24 1.46 0.00	41.85 1.47 0.00	39.41 1.43 0.00	42.40 1.58 0.00	45.41 1.88 0.00	52.35 2.58 0.00	41.67 2.24 0.00	30.40 1.42 0.00	30.84 1.32 0.00	32.25 1.38 0.00	29.12 1.29 0.00	27.02 1.17 0.00	13.49 0.54 0.00	16.44 0.59 0.00	15.80 0.62 0.00	18.40 0.78 0.00	34.36 1.56 0.00	42.65 2.18 0.00	30.95 1.69 0.00	30.14 1.66 0.00	37.08 1.84 0.00	43.50 2.04 0.00	35.49 1.69 0.00
DARBY___SOLAR 323810	33.50 1.13 0.00	39.12 1.34 0.00	41.77 1.38 0.00	39.25 1.27 0.00	42.36 1.54 0.00	45.30 1.77 0.00	52.09 2.31 0.00	41.16 1.73 0.00	29.90 0.91 0.00	30.20 0.68 0.00	31.55 0.68 0.00	28.42 0.59 0.00	26.39 0.54 0.00	13.25 0.30 0.00	16.13 0.29 0.00	15.43 0.25 0.00	17.96 0.34 0.00	33.73 0.93 0.00	41.59 1.11 0.00	30.12 0.86 0.00	29.32 0.85 0.00	36.32 1.09 0.00	43.00 1.54 0.00	35.31 1.51 0.00
DASHVILLE___HYD 23610	33.48 1.11 0.00	38.98 1.20 0.00	41.61 1.23 0.00	39.17 1.19 0.00	42.13 1.32 0.00	45.06 1.52 0.00	51.93 2.15 0.00	41.32 1.90 0.00	30.19 1.20 0.00	30.61 1.09 0.00	32.00 1.13 0.00	28.88 1.05 0.00	26.84 0.98 0.00	13.40 0.45 0.00	16.34 0.49 0.00	15.70 0.52 0.00	18.24 0.62 0.00	34.05 1.24 0.00	42.26 1.79 0.00	30.67 1.41 0.00	29.88 1.40 0.00	36.79 1.55 0.00	43.14 1.69 0.00	35.22 1.42 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.71 2.33 0.00	39.83 2.05 0.00	41.78 1.40 0.00	38.96 0.99 0.00	41.72 0.90 0.00	44.78 1.33 0.08	50.00 1.94 1.72	35.78 2.73 6.37	28.86 1.06 1.19	28.86 0.92 1.58	30.82 1.80 1.84	25.11 1.78 4.51	21.28 1.38 5.96	10.63 0.33 2.65	13.90 0.11 2.05	12.95 0.32 2.55	14.66 0.42 3.37	31.01 0.93 2.72	40.47 1.91 1.92	29.34 1.50 1.41	29.30 1.86 1.03	36.51 1.99 0.72	42.90 1.95 0.51	34.77 1.77 0.79
DELAWARE___LFGE 323621	33.12 0.74 0.00	38.74 0.96 0.00	41.49 1.10 0.00	39.03 1.06 0.00	41.96 1.15 0.00	44.69 1.16 0.00	51.35 1.57 0.00	40.76 1.34 0.00	29.82 0.83 0.00	30.28 0.76 0.00	31.69 0.82 0.00	28.57 0.73 0.00	26.57 0.71 0.00	13.27 0.32 0.00	16.23 0.38 0.00	15.56 0.38 0.00	18.04 0.42 0.00	33.58 0.78 0.00	41.54 1.06 0.00	30.08 0.81 0.00	29.23 0.76 0.00	36.05 0.81 0.00	42.36 0.90 0.00	34.51 0.71 0.00
DERFIELD_115KV_TB7 355931	32.35 -0.02 0.00	37.76 -0.02 0.00	40.36 -0.03 0.00	37.94 -0.04 0.00	40.82 0.00 0.00	43.52 -0.01 0.00	49.91 0.14 0.00	39.58 0.15 0.00	29.05 0.06 0.00	29.52 0.00 0.00	30.84 -0.03 0.00	27.82 -0.02 0.00	25.86 0.01 0.00	12.94 -0.01 0.00	15.82 -0.03 0.00	15.16 -0.02 0.00	17.60 -0.02 0.00	32.84 0.04 0.00	40.58 0.11 0.00	29.37 0.11 0.00	28.56 0.09 0.00	35.27 0.03 0.00	41.47 0.01 0.00	33.81 0.02 0.00
DOGLEVILLE___HYD 23807	31.73 -0.64 0.00	37.18 -0.60 0.00	39.68 -0.70 0.00	37.52 -0.46 0.00	40.55 -0.26 0.00	43.26 -0.27 0.00	50.02 0.25 0.00	39.56 0.13 0.00	28.56 -0.42 0.00	28.60 -0.92 0.00	29.60 -1.27 0.00	26.54 -1.29 0.00	24.65 -1.20 0.00	12.28 -0.67 0.00	14.91 -0.94 0.00	14.19 -0.98 0.00	16.66 -0.96 0.00	32.71 -0.09 0.00	40.89 0.42 0.00	30.01 0.75 0.00	29.17 0.70 0.00	35.82 0.58 0.00	41.97 0.51 0.00	34.16 0.37 0.00
DUNKIRK___115KV_TB_200 55889	31.85 -0.53 0.00	37.21 -0.57 0.00	39.98 -0.41 0.00	37.37 -0.61 0.00	39.45 -1.37 0.00	41.93 -1.60 0.00	48.46 -1.31 0.00	38.02 -1.41 0.00	28.00 -0.99 0.00	28.79 -0.73 0.00	30.25 -0.62 0.00	27.29 -0.54 0.00	25.39 -0.46 0.00	12.93 -0.02 0.00	15.90 0.06 0.00	14.90 -0.27 0.00	17.48 -0.13 0.00	32.23 -0.57 0.00	38.96 -1.51 0.00	27.90 -1.37 0.00	26.90 -1.57 0.00	33.08 -2.16 0.00	39.47 -1.99 0.00	32.12 -1.68 0.00
DUNKIRK___1 23563	31.85 -0.53 0.00	37.21 -0.57 0.00	39.98 -0.41 0.00	37.37 -0.61 0.00	39.45 -1.37 0.00	41.93 -1.60 0.00	48.46 -1.31 0.00	38.02 -1.41 0.00	28.00 -0.99 0.00	28.79 -0.73 0.00	30.25 -0.62 0.00	27.29 -0.54 0.00	25.39 -0.46 0.00	12.93 -0.02 0.00	15.90 0.06 0.00	14.90 -0.27 0.00	17.48 -0.13 0.00	32.23 -0.57 0.00	38.96 -1.51 0.00	27.90 -1.37 0.00	26.90 -1.57 0.00	33.08 -2.16 0.00	39.47 -1.99 0.00	32.12 -1.68 0.00
DUNKIRK___2 23564	31.85 -0.53 0.00	37.21 -0.57 0.00	39.98 -0.41 0.00	37.37 -0.61 0.00	39.45 -1.37 0.00	41.93 -1.60 0.00	48.46 -1.31 0.00	38.02 -1.41 0.00	28.00 -0.99 0.00	28.79 -0.73 0.00	30.25 -0.62 0.00	27.29 -0.54 0.00	25.39 -0.46 0.00	12.93 -0.02 0.00	15.90 0.06 0.00	14.90 -0.27 0.00	17.48 -0.13 0.00	32.23 -0.57 0.00	38.96 -1.51 0.00	27.90 -1.37 0.00	26.90 -1.57 0.00	33.08 -2.16 0.00	39.47 -1.99 0.00	32.12 -1.68 0.00
DUNKIRK___3 23565	31.66 -0.71 0.00	36.98 -0.80 0.00	39.73 -0.65 0.00	37.17 -0.81 0.00	39.34 -1.48 0.00	41.85 -1.68 0.00	48.27 -1.51 0.00	37.84 -1.59 0.00	27.89 -1.10 0.00	28.70 -0.82 0.00	30.16 -0.71 0.00	27.18 -0.66 0.00	25.27 -0.59 0.00	12.86 -0.08 0.00	15.82 -0.03 0.00	14.86 -0.32 0.00	17.37 -0.24 0.00	31.97 -0.84 0.00	38.70 -1.77 0.00	27.80 -1.46 0.00	26.84 -1.64 0.00	33.03 -2.20 0.00	39.41 -2.05 0.00	32.07 -1.72 0.00
DUNKIRK___4 23566	31.66 -0.71 0.00	36.98 -0.80 0.00	39.73 -0.65 0.00	37.17 -0.81 0.00	39.34 -1.48 0.00	41.85 -1.68 0.00	48.27 -1.51 0.00	37.84 -1.59 0.00	27.89 -1.10 0.00	28.70 -0.82 0.00	30.16 -0.71 0.00	27.18 -0.66 0.00	25.27 -0.59 0.00	12.86 -0.08 0.00	15.82 -0.03 0.00	14.86 -0.32 0.00	17.37 -0.24 0.00	31.97 -0.84 0.00	38.70 -1.77 0.00	27.80 -1.46 0.00	26.84 -1.64 0.00	33.03 -2.20 0.00	39.41 -2.05 0.00	32.07 -1.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.83 1.46 0.00	39.31 1.53 0.00	41.89 1.50 0.00	39.43 1.45 0.00	42.41 1.60 0.00	45.45 1.92 0.00	52.39 2.61 0.00	40.75 2.34 1.02	30.46 1.47 0.00	30.93 1.41 0.00	32.43 1.56 0.00	29.28 1.45 0.00	27.15 1.30 0.00	13.55 0.60 0.00	16.51 0.66 0.00	15.87 0.69 0.00	18.45 0.84 0.00	34.41 1.61 0.00	42.71 2.24 0.00	31.00 1.74 0.00	30.21 1.74 0.00	37.17 1.93 0.00	43.63 2.17 0.00	35.64 1.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.47 1.10 0.00	38.91 1.14 0.00	41.53 1.14 0.00	39.11 1.13 0.00	42.05 1.23 0.00	45.04 1.50 0.00	51.88 2.10 0.00	41.30 1.87 0.00	30.15 1.16 0.00	30.58 1.06 0.00	31.99 1.12 0.00	28.89 1.06 0.00	26.83 0.97 0.00	13.39 0.44 0.00	16.31 0.46 0.00	15.69 0.51 0.00	18.26 0.64 0.00	34.09 1.29 0.00	42.30 1.83 0.00	30.67 1.41 0.00	29.87 1.40 0.00	36.76 1.52 0.00	43.14 1.68 0.00	35.22 1.43 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.96 1.59 0.00	39.41 1.64 0.00	41.96 1.58 0.00	39.52 1.54 0.00	42.45 1.63 0.00	45.52 1.98 0.00	52.63 2.85 0.00	57.70 2.56 -15.72	31.23 1.56 -0.69	31.99 1.52 -0.95	33.70 1.69 -1.14	31.98 1.51 -2.63	41.16 1.32 -13.98	15.19 0.63 -1.61	17.87 0.70 -1.32	17.53 0.71 -1.64	39.03 0.85 -20.56	36.20 1.63 -1.76	44.00 2.29 -1.24	31.95 1.77 -0.91	30.93 1.79 -0.67	37.71 2.02 -0.45	44.08 2.30 -0.32	36.24 1.94 -0.50
E179THST_13_KV_LOAD 356214	34.09 1.71 0.00	39.57 1.79 0.00	42.13 1.74 0.00	39.66 1.68 0.00	42.59 1.77 0.00	45.67 2.14 0.00	52.83 3.05 0.00	57.87 2.73 -15.72	31.36 1.69 -0.69	32.12 1.65 -0.95	33.84 1.84 -1.14	32.10 1.64 -2.63	41.28 1.44 -13.98	15.25 0.69 -1.61	17.94 0.78 -1.32	17.60 0.78 -1.64	39.12 0.93 -20.56	36.35 1.79 -1.76	44.19 2.48 -1.24	32.09 1.92 -0.91	31.06 1.91 -0.67	37.88 2.19 -0.45	44.26 2.48 -0.32	36.39 2.09 -0.50
EAST HAMPTON___GT 23717	34.95 2.57 0.00	39.69 1.91 0.00	41.21 0.82 0.00	38.23 0.25 0.00	40.86 0.04 0.00	43.88 0.43 0.08	48.79 0.73 1.72	34.33 1.27 6.37	28.25 0.46 1.19	28.23 0.29 1.58	30.43 1.40 1.84	24.84 1.51 4.51	21.08 1.19 5.96	10.41 0.11 2.65	13.58 -0.22 2.05	12.62 -0.01 2.55	14.28 0.03 3.37	30.31 0.22 2.72	39.62 1.07 1.92	28.77 0.92 1.41	28.74 1.30 1.03	35.80 1.28 0.72	41.98 1.04 0.51	34.08 1.07 0.79
EAST RIVER___6 23660	34.09 1.71 0.00	39.58 1.80 0.00	42.16 1.78 0.00	39.69 1.71 0.00	42.67 1.85 0.00	45.75 2.22 0.00	52.75 2.98 0.00	57.39 2.67 -15.29	55.00 1.72 -24.29	64.83 1.67 -33.63	65.55 1.84 -32.84	96.35 1.69 -66.82	99.81 1.51 -72.44	70.02 0.71 -56.36	62.91 0.80 -46.26	73.41 0.81 -57.42	94.59 0.98 -75.99	96.02 1.87 -61.35	86.33 2.56 -43.29	63.09 1.96 -31.87	53.72 1.96 -23.28	53.68 2.22 -16.23	55.57 2.51 -11.60	53.85 2.12 -17.93
EAST RIVER___7 23524	34.09 1.71 0.00	39.58 1.80 0.00	42.16 1.78 0.00	39.69 1.71 0.00	42.67 1.85 0.00	45.75 2.22 0.00	52.75 2.98 0.00	57.39 2.67 -15.29	55.00 1.72 -24.29	64.83 1.67 -33.63	65.55 1.84 -32.84	96.35 1.69 -66.82	99.81 1.51 -72.44	70.02 0.71 -56.36	62.91 0.80 -46.26	73.41 0.81 -57.42	94.59 0.98 -75.99	96.02 1.87 -61.35	86.33 2.56 -43.29	63.09 1.96 -31.87	53.72 1.96 -23.28	53.68 2.22 -16.23	55.57 2.51 -11.60	53.85 2.12 -17.93
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.74 1.36 0.00	39.20 1.42 0.00	41.78 1.39 0.00	39.33 1.36 0.00	42.29 1.47 0.00	45.31 1.78 0.00	52.24 2.46 0.00	42.88 2.22 -1.23	30.94 1.38 -0.58	31.62 1.30 -0.80	33.26 1.44 -0.95	31.38 1.35 -2.20	28.79 1.21 -1.72	14.85 0.56 -1.34	17.55 0.61 -1.10	17.18 0.64 -1.36	20.20 0.78 -1.80	35.77 1.51 -1.46	43.62 2.12 -1.03	31.65 1.64 -0.76	30.67 1.64 -0.55	37.43 1.81 -0.38	43.77 2.04 -0.27	35.95 1.73 -0.43
EAST_HAMPTON___DIESEL 23722	34.95 2.57 0.00	39.64 1.86 0.00	41.10 0.72 0.00	38.10 0.12 0.00	40.73 -0.09 0.00	43.73 0.28 0.08	48.61 0.56 1.72	34.19 1.13 6.37	28.14 0.34 1.19	28.13 0.19 1.58	30.34 1.32 1.84	24.78 1.45 4.51	21.04 1.14 5.96	10.37 0.07 2.65	13.52 -0.27 2.05	12.56 -0.07 2.55	14.22 -0.03 3.37	30.19 0.10 2.72	39.48 0.93 1.92	28.67 0.82 1.41	28.64 1.20 1.03	35.67 1.15 0.72	41.83 0.89 0.51	33.97 0.97 0.79
EAST_POINT___SOLAR 323840	34.40 2.02 0.00	40.14 2.36 0.00	42.97 2.58 0.00	40.43 2.46 0.00	43.54 2.73 0.00	46.53 3.00 0.00	53.50 3.72 0.00	42.03 2.60 0.00	30.24 1.25 0.00	30.19 0.67 0.00	30.89 0.02 0.00	27.61 -0.23 0.00	26.01 0.16 0.00	12.99 0.04 0.00	15.74 -0.11 0.00	15.04 -0.14 0.00	17.76 0.14 0.00	34.54 1.73 0.00	43.28 2.80 0.00	31.48 2.22 0.00	30.58 2.10 0.00	37.70 2.46 0.00	44.23 2.77 0.00	35.81 2.02 0.00
EAST_PULASKI___ESR 323781	31.74 -0.64 0.00	36.96 -0.82 0.00	39.51 -0.87 0.00	37.05 -0.93 0.00	39.91 -0.91 0.00	42.59 -0.95 0.00	49.05 -0.73 0.00	38.93 -0.49 0.00	28.62 -0.37 0.00	29.06 -0.46 0.00	30.32 -0.55 0.00	27.20 -0.63 0.00	25.34 -0.52 0.00	12.61 -0.34 0.00	15.40 -0.45 0.00	14.73 -0.45 0.00	17.29 -0.33 0.00	32.22 -0.58 0.00	39.89 -0.59 0.00	28.93 -0.33 0.00	28.09 -0.39 0.00	34.52 -0.71 0.00	40.53 -0.93 0.00	32.96 -0.84 0.00
EAST_RIVER___1 323558	34.03 1.65 0.00	39.51 1.73 0.00	42.08 1.70 0.00	39.61 1.64 0.00	42.58 1.77 0.00	45.67 2.13 0.00	52.65 2.87 0.00	57.03 2.59 -15.02	54.56 1.65 -23.92	64.24 1.60 -33.12	64.87 1.77 -32.23	94.88 1.63 -65.41	98.65 1.45 -71.34	69.13 0.68 -55.50	62.17 0.77 -45.56	72.51 0.78 -56.55	93.39 0.94 -74.83	95.00 1.78 -60.42	85.57 2.46 -42.64	62.54 1.89 -31.39	53.31 1.91 -22.93	53.35 2.14 -15.98	55.30 2.42 -11.42	53.50 2.05 -17.66
EAST_RIVER___2 323559	34.09 1.71 0.00	39.58 1.80 0.00	42.16 1.78 0.00	39.69 1.71 0.00	42.67 1.85 0.00	45.75 2.22 0.00	52.75 2.98 0.00	57.39 2.67 -15.29	55.00 1.72 -24.29	64.83 1.67 -33.63	65.55 1.84 -32.84	96.35 1.69 -66.82	99.81 1.51 -72.44	70.02 0.71 -56.36	62.91 0.80 -46.26	73.41 0.81 -57.42	94.59 0.98 -75.99	96.02 1.87 -61.35	86.33 2.56 -43.29	63.09 1.96 -31.87	53.72 1.96 -23.28	53.68 2.22 -16.23	55.57 2.51 -11.60	53.85 2.12 -17.93
EAST___DELAWARE_HYD 23607	33.83 1.46 0.00	39.37 1.59 0.00	42.04 1.65 0.00	39.56 1.59 0.00	42.54 1.72 0.00	45.55 2.02 0.00	52.47 2.69 0.00	41.74 2.31 0.00	30.52 1.53 0.00	30.91 1.39 0.00	32.29 1.42 0.00	29.13 1.30 0.00	27.04 1.18 0.00	13.41 0.47 0.00	16.33 0.49 0.00	15.70 0.52 0.00	18.32 0.70 0.00	34.37 1.57 0.00	42.72 2.25 0.00	31.01 1.75 0.00	30.22 1.74 0.00	37.19 1.95 0.00	43.61 2.16 0.00	35.54 1.74 0.00
EIGHT_POINT___WT_PWR 323820	32.54 0.16 0.00	38.00 0.22 0.00	40.73 0.34 0.00	38.01 0.03 0.00	40.53 -0.28 0.00	42.95 -0.58 0.00	49.29 -0.49 0.00	38.77 -0.66 0.00	28.30 -0.69 0.00	28.71 -0.80 0.00	29.88 -0.99 0.00	26.74 -1.09 0.00	24.46 -1.39 0.00	12.30 -0.65 0.00	15.13 -0.72 0.00	14.45 -0.73 0.00	16.77 -0.85 0.00	31.67 -1.14 0.00	39.42 -1.05 0.00	28.27 -0.99 0.00	27.30 -1.18 0.00	33.35 -1.89 0.00	39.07 -2.39 0.00	31.91 -1.89 0.00
ELBRIDGE_115KV_TB2 80188	32.07 -0.30 0.00	37.44 -0.34 0.00	40.07 -0.32 0.00	37.65 -0.33 0.00	40.38 -0.44 0.00	43.14 -0.40 0.00	49.52 -0.25 0.00	39.19 -0.23 0.00	28.77 -0.22 0.00	29.32 -0.20 0.00	30.62 -0.25 0.00	27.57 -0.27 0.00	25.51 -0.35 0.00	12.79 -0.16 0.00	15.64 -0.20 0.00	15.00 -0.18 0.00	17.46 -0.15 0.00	32.47 -0.34 0.00	40.01 -0.46 0.00	29.02 -0.24 0.00	28.20 -0.28 0.00	34.74 -0.50 0.00	40.92 -0.54 0.00	33.33 -0.46 0.00
ELEC_TRO_TEK 24086	33.68 1.30 0.00	39.15 1.37 0.00	41.66 1.27 0.00	39.12 1.15 0.00	41.98 1.17 0.00	45.06 1.50 -0.02	52.41 2.17 -0.47	40.50 2.26 1.19	29.27 1.34 1.05	29.38 1.33 1.47	31.18 1.78 1.47	27.29 1.64 2.18	36.84 1.33 -9.66	11.70 0.55 1.79	14.32 0.53 2.05	13.25 0.62 2.55	14.99 0.75 3.37	31.57 1.49 2.72	40.82 2.26 1.92	29.59 1.74 1.41	29.27 1.83 1.03	36.49 1.98 0.72	43.09 2.14 0.51	34.93 1.93 0.79

ELLENBURG_WT_PWR 323604	32.47 0.10 0.00	38.11 0.33 0.00	40.65 0.26 0.00	38.33 0.35 0.00	41.23 0.42 0.00	44.12 0.59 0.00	50.27 0.49 0.00	39.56 0.13 0.00	29.21 0.22 0.00	29.92 0.40 0.00	31.40 0.53 0.00	28.34 0.50 0.00	26.31 0.46 0.00	13.20 0.25 0.00	16.14 0.29 0.00	15.40 0.22 0.00	17.87 0.25 0.00	32.99 0.19 0.00	40.54 0.06 0.00	29.32 0.06 0.00	28.56 0.08 0.00	35.84 0.61 0.00	42.21 0.75 0.00	34.25 0.45 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.96 -1.42 0.00	36.11 -1.67 0.00	38.81 -1.57 0.00	36.34 -1.64 0.00	38.56 -2.26 0.00	41.09 -2.44 0.00	46.76 -3.02 0.00	36.48 -2.94 0.00	27.10 -1.88 0.00	28.02 -1.50 0.00	29.51 -1.36 0.00	26.46 -1.38 0.00	24.53 -1.32 0.00	12.54 -0.41 0.00	15.44 -0.41 0.00	14.56 -0.61 0.00	16.86 -0.76 0.00	30.76 -2.05 0.00	37.32 -3.15 0.00	27.09 -2.17 0.00	26.22 -2.26 0.00	32.46 -2.78 0.00	38.73 -2.73 0.00	31.45 -2.34 0.00
EMPIRE_CC_1 323656	33.03 0.65 0.00	38.53 0.75 0.00	41.13 0.74 0.00	38.72 0.75 0.00	41.71 0.90 0.00	44.56 1.02 0.00	51.26 1.48 0.00	40.56 1.14 0.00	29.66 0.67 0.00	30.06 0.55 0.00	31.42 0.55 0.00	28.35 0.51 0.00	26.39 0.53 0.00	13.20 0.25 0.00	16.12 0.27 0.00	15.47 0.30 0.00	17.97 0.35 0.00	33.58 0.78 0.00	41.52 1.04 0.00	30.11 0.85 0.00	29.31 0.83 0.00	36.24 1.01 0.00	42.56 1.11 0.00	34.77 0.97 0.00
EMPIRE_CC_2 323658	33.03 0.65 0.00	38.53 0.75 0.00	41.13 0.74 0.00	38.72 0.75 0.00	41.71 0.90 0.00	44.56 1.02 0.00	51.26 1.48 0.00	40.56 1.14 0.00	29.66 0.67 0.00	30.06 0.55 0.00	31.42 0.55 0.00	28.35 0.51 0.00	26.39 0.53 0.00	13.20 0.25 0.00	16.12 0.27 0.00	15.47 0.30 0.00	17.97 0.35 0.00	33.58 0.78 0.00	41.52 1.04 0.00	30.11 0.85 0.00	29.31 0.83 0.00	36.24 1.01 0.00	42.56 1.11 0.00	34.77 0.97 0.00
ENORWICH_115KV_TB1 80156	34.12 1.75 0.00	40.03 2.25 0.00	43.03 2.65 0.00	40.44 2.47 0.00	43.55 2.74 0.00	46.74 3.20 0.00	54.58 4.80 0.00	45.99 6.56 0.00	32.87 3.88 0.00	32.47 2.95 0.00	33.80 2.93 0.00	30.31 2.48 0.00	27.58 1.72 0.00	13.26 0.31 0.00	16.22 0.37 0.00	15.40 0.22 0.00	18.24 0.62 0.00	34.29 1.49 0.00	42.49 2.02 0.00	30.91 1.64 0.00	29.66 1.18 0.00	36.13 0.90 0.00	42.44 0.98 0.00	34.47 0.68 0.00
ERIE_ST_34_KV_TB1-2 80199	31.59 -0.78 0.00	36.86 -0.92 0.00	39.58 -0.81 0.00	37.07 -0.91 0.00	39.40 -1.41 0.00	42.02 -1.51 0.00	48.03 -1.74 0.00	37.57 -1.86 0.00	27.85 -1.13 0.00	28.72 -0.79 0.00	30.21 -0.66 0.00	27.06 -0.78 0.00	25.06 -0.79 0.00	12.78 -0.17 0.00	15.76 -0.09 0.00	14.88 -0.30 0.00	17.23 -0.39 0.00	31.51 -1.29 0.00	38.32 -2.15 0.00	27.82 -1.44 0.00	26.94 -1.54 0.00	33.29 -1.95 0.00	39.68 -1.77 0.00	32.21 -1.58 0.00
ERIE_WT_PWR 323693	31.22 -1.15 0.00	36.40 -1.38 0.00	39.15 -1.24 0.00	36.65 -1.32 0.00	38.93 -1.89 0.00	41.48 -2.05 0.00	47.38 -2.40 0.00	37.07 -2.36 0.00	27.45 -1.53 0.00	28.29 -1.23 0.00	29.78 -1.09 0.00	26.70 -1.13 0.00	24.72 -1.14 0.00	12.60 -0.35 0.00	15.53 -0.32 0.00	14.65 -0.53 0.00	16.98 -0.64 0.00	31.06 -1.74 0.00	37.63 -2.85 0.00	27.32 -1.94 0.00	26.43 -2.04 0.00	32.67 -2.57 0.00	38.94 -2.52 0.00	31.66 -2.13 0.00
ESPRGFLD_115KV_TB1 80157	33.92 1.55 0.00	39.66 1.88 0.00	42.51 2.13 0.00	39.99 2.01 0.00	43.02 2.21 0.00	45.87 2.34 0.00	52.67 2.89 0.00	41.78 2.35 0.00	30.52 1.53 0.00	30.96 1.44 0.00	32.31 1.44 0.00	28.92 1.09 0.00	26.94 1.08 0.00	13.45 0.50 0.00	16.42 0.57 0.00	15.71 0.54 0.00	18.32 0.70 0.00	34.26 1.46 0.00	42.63 2.16 0.00	30.85 1.59 0.00	29.93 1.45 0.00	36.89 1.65 0.00	43.29 1.84 0.00	35.13 1.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.85 0.47 0.00	38.37 0.59 0.00	41.08 0.70 0.00	38.59 0.62 0.00	41.45 0.64 0.00	44.28 0.74 0.00	50.94 1.17 0.00	40.12 0.70 0.00	29.41 0.42 0.00	29.95 0.44 0.00	31.32 0.45 0.00	28.12 0.29 0.00	25.90 0.05 0.00	12.95 0.00 0.00	15.88 0.03 0.00	15.16 -0.02 0.00	17.80 0.18 0.00	33.04 0.24 0.00	40.91 0.43 0.00	29.74 0.47 0.00	28.87 0.39 0.00	35.51 0.27 0.00	41.80 0.34 0.00	34.00 0.20 0.00
ETNA____115KV_TB2 80207	32.85 0.47 0.00	38.37 0.59 0.00	41.08 0.70 0.00	38.59 0.62 0.00	41.45 0.64 0.00	44.28 0.74 0.00	50.94 1.17 0.00	40.12 0.70 0.00	29.41 0.42 0.00	29.95 0.44 0.00	31.32 0.45 0.00	28.12 0.29 0.00	25.90 0.05 0.00	12.95 0.00 0.00	15.88 0.03 0.00	15.16 -0.02 0.00	17.80 0.18 0.00	33.04 0.24 0.00	40.91 0.43 0.00	29.74 0.47 0.00	28.87 0.39 0.00	35.51 0.27 0.00	41.80 0.34 0.00	34.00 0.20 0.00
EUCLID____115KV_TB2 356179	31.85 -0.52 0.00	37.17 -0.61 0.00	39.76 -0.63 0.00	37.36 -0.61 0.00	40.14 -0.68 0.00	42.84 -0.70 0.00	49.17 -0.61 0.00	38.92 -0.50 0.00	28.58 -0.40 0.00	29.12 -0.40 0.00	30.45 -0.42 0.00	27.41 -0.42 0.00	25.42 -0.43 0.00	12.73 -0.22 0.00	15.59 -0.25 0.00	14.92 -0.25 0.00	17.37 -0.25 0.00	32.29 -0.51 0.00	39.84 -0.63 0.00	28.86 -0.41 0.00	28.03 -0.45 0.00	34.59 -0.65 0.00	40.71 -0.74 0.00	33.15 -0.65 0.00
E_CANADA_CAP_HY 24051	34.06 1.69 0.00	39.78 2.00 0.00	42.59 2.20 0.00	40.07 2.09 0.00	43.13 2.31 0.00	45.95 2.42 0.00	52.73 2.95 0.00	41.64 2.22 0.00	30.31 1.33 0.00	30.62 1.10 0.00	31.88 1.01 0.00	28.40 0.56 0.00	26.52 0.67 0.00	13.27 0.32 0.00	16.20 0.35 0.00	15.49 0.32 0.00	18.07 0.45 0.00	34.24 1.44 0.00	42.86 2.38 0.00	31.06 1.80 0.00	30.15 1.67 0.00	37.22 1.99 0.00	43.70 2.25 0.00	35.43 1.63 0.00
E_CANADA_MHWK_HY 24050	31.73 -0.64 0.00	37.18 -0.60 0.00	39.68 -0.70 0.00	37.52 -0.46 0.00	40.55 -0.26 0.00	43.26 -0.27 0.00	50.02 0.25 0.00	39.56 0.13 0.00	28.56 -0.42 0.00	28.60 -0.92 0.00	29.60 -1.27 0.00	26.54 -1.29 0.00	24.65 -1.20 0.00	12.28 -0.67 0.00	14.91 -0.94 0.00	14.19 -0.98 0.00	16.66 -0.96 0.00	32.71 -0.09 0.00	40.89 0.42 0.00	30.01 0.75 0.00	29.17 0.70 0.00	35.82 0.58 0.00	41.97 0.51 0.00	34.16 0.37 0.00
E_FISHKILL____LBMP 23776	33.47 1.09 0.00	38.92 1.14 0.00	41.52 1.14 0.00	39.08 1.10 0.00	42.04 1.22 0.00	45.00 1.46 0.00	51.86 2.09 0.00	41.04 1.87 0.25	30.13 1.14 0.00	30.58 1.06 0.00	32.02 1.15 0.00	28.91 1.07 0.00	26.84 0.98 0.00	13.40 0.45 0.00	16.34 0.49 0.00	15.70 0.52 0.00	18.26 0.64 0.00	34.04 1.24 0.00	42.23 1.75 0.00	30.64 1.38 0.00	29.85 1.37 0.00	36.75 1.52 0.00	43.13 1.67 0.00	35.23 1.44 0.00
FALCON____SEABRD_CC1 323796	32.78 0.41 0.00	38.49 0.70 0.00	41.02 0.64 0.00	38.67 0.69 0.00	41.66 0.85 0.00	44.58 1.05 0.00	50.88 1.10 0.00	40.04 0.61 0.00	29.46 0.47 0.00	30.18 0.66 0.00	31.72 0.85 0.00	28.63 0.80 0.00	26.58 0.73 0.00	13.34 0.39 0.00	16.31 0.46 0.00	15.56 0.39 0.00	18.08 0.46 0.00	33.43 0.62 0.00	41.06 0.58 0.00	29.70 0.44 0.00	28.91 0.43 0.00	36.27 1.04 0.00	42.67 1.21 0.00	34.63 0.83 0.00

FALCON___SEABRD_CC2 323797	32.78 0.41 0.00	38.49 0.70 0.00	41.02 0.64 0.00	38.67 0.69 0.00	41.66 0.85 0.00	44.58 1.05 0.00	50.88 1.10 0.00	40.04 0.61 0.00	29.46 0.47 0.00	30.18 0.66 0.00	31.72 0.85 0.00	28.63 0.80 0.00	26.58 0.73 0.00	13.34 0.39 0.00	16.31 0.46 0.00	15.56 0.39 0.00	18.08 0.46 0.00	33.43 0.62 0.00	41.06 0.58 0.00	29.70 0.44 0.00	28.91 0.43 0.00	36.27 1.04 0.00	42.67 1.21 0.00	34.63 0.83 0.00
FAR ROCKAWAY___4 23548	34.00 1.63 0.00	39.53 1.75 0.00	42.05 1.66 0.00	39.48 1.51 0.00	42.37 1.55 0.00	45.60 1.93 -0.12	55.08 2.64 -2.67	46.11 2.65 -4.04	29.72 1.62 0.89	29.81 1.64 1.35	32.09 2.16 0.94	30.97 1.98 -1.15	59.48 1.67 -31.96	13.07 0.69 0.57	14.52 0.72 2.05	13.42 0.79 2.55	15.19 0.95 3.37	31.92 1.84 2.72	41.30 2.75 1.92	29.94 2.09 1.41	29.64 2.19 1.03	36.92 2.41 0.72	43.59 2.65 0.51	35.34 2.34 0.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.04 1.67 0.00	39.51 1.73 0.00	42.08 1.70 0.00	39.62 1.64 0.00	42.59 1.77 0.00	45.68 2.15 0.00	52.67 2.89 0.00	57.69 2.62 -15.65	55.45 1.67 -24.79	65.45 1.61 -34.32	66.30 1.77 -33.66	98.18 1.63 -68.71	101.23 1.45 -73.93	71.14 0.68 -57.51	63.82 0.76 -47.21	74.55 0.78 -58.60	96.10 0.94 -77.54	97.21 1.80 -62.61	87.12 2.46 -44.18	63.68 1.90 -32.52	54.14 1.91 -23.76	53.93 2.14 -16.56	55.72 2.43 -11.83	54.17 2.07 -18.30
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.05 1.67 0.00	39.53 1.75 0.00	42.10 1.72 0.00	39.63 1.65 0.00	42.61 1.80 0.00	45.70 2.16 0.00	52.68 2.90 0.00	57.70 2.63 -15.65	55.45 1.67 -24.79	65.46 1.62 -34.32	66.30 1.77 -33.66	98.18 1.63 -68.71	101.23 1.45 -73.93	71.14 0.68 -57.51	63.82 0.76 -47.21	74.55 0.78 -58.60	96.10 0.94 -77.54	97.21 1.80 -62.61	87.13 2.47 -44.18	63.69 1.91 -32.52	54.16 1.92 -23.76	53.94 2.15 -16.56	55.73 2.44 -11.83	54.17 2.07 -18.30
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.02 1.65 0.00	39.50 1.72 0.00	42.08 1.70 0.00	39.61 1.63 0.00	42.58 1.77 0.00	45.66 2.13 0.00	52.64 2.87 0.00	57.68 2.60 -15.65	55.43 1.65 -24.79	65.44 1.59 -34.32	66.29 1.76 -33.66	98.17 1.62 -68.71	101.22 1.44 -73.93	71.14 0.68 -57.51	63.80 0.75 -47.21	74.54 0.77 -58.60	96.10 0.93 -77.54	97.19 1.78 -62.61	87.09 2.44 -44.18	63.67 1.88 -32.52	54.13 1.90 -23.76	53.91 2.11 -16.56	55.70 2.41 -11.83	54.13 2.04 -18.30
FARRAGUT___LBMP 323566	34.00 1.62 0.00	39.47 1.69 0.00	42.04 1.66 0.00	39.58 1.60 0.00	42.55 1.73 0.00	45.63 2.09 0.00	52.59 2.82 0.00	57.64 2.56 -15.65	55.40 1.62 -24.79	65.41 1.56 -34.32	66.25 1.72 -33.66	98.14 1.59 -68.71	101.20 1.42 -73.93	71.12 0.66 -57.51	63.79 0.73 -47.21	74.53 0.76 -58.60	96.08 0.91 -77.54	97.15 0.91 -62.61	87.06 1.74 -44.18	63.65 1.86 -32.52	54.10 1.87 -23.76	53.88 2.08 -16.56	55.67 2.38 -11.83	54.11 2.02 -18.30
FENNER___WINDPWR 24204	32.78 0.41 0.00	38.25 0.47 0.00	40.90 0.51 0.00	38.42 0.45 0.00	41.32 0.50 0.00	44.14 0.60 0.00	50.84 1.07 0.00	40.29 0.87 0.00	29.53 0.54 0.00	29.91 0.39 0.00	31.23 0.36 0.00	28.14 0.31 0.00	26.09 0.24 0.00	13.03 0.08 0.00	15.91 0.06 0.00	15.21 0.03 0.00	17.85 0.23 0.00	33.28 0.48 0.00	41.16 0.69 0.00	29.78 0.52 0.00	28.92 0.44 0.00	35.57 0.33 0.00	41.80 0.34 0.00	33.97 0.18 0.00
FIBERTEK___ENERGY 23856	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00
FITZPATRICK____ 23598	31.47 -0.91 0.00	36.73 -1.05 0.00	39.28 -1.10 0.00	36.92 -1.06 0.00	39.66 -1.16 0.00	42.31 -1.23 0.00	48.51 -1.27 0.00	38.40 -1.03 0.00	28.21 -0.78 0.00	28.74 -0.78 0.00	30.06 -0.81 0.00	27.06 -0.77 0.00	25.10 -0.76 0.00	12.58 -0.37 0.00	15.40 -0.44 0.00	14.75 -0.43 0.00	17.14 -0.48 0.00	31.88 -0.92 0.00	39.33 -1.15 0.00	28.48 -0.78 0.00	27.68 -0.79 0.00	34.17 -1.07 0.00	40.23 -1.23 0.00	32.77 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	33.93 1.55 0.00	39.44 1.66 0.00	41.87 1.49 0.00	39.24 1.26 0.00	42.10 1.28 0.00	45.12 1.66 0.08	50.40 2.32 1.71	35.72 2.62 6.33	29.20 1.40 1.19	29.27 1.33 1.58	30.96 1.93 1.84	25.21 1.86 4.49	21.41 1.40 5.84	10.80 0.49 2.64	14.19 0.40 2.05	13.21 0.58 2.55	14.94 0.69 3.37	31.51 1.42 2.72	40.98 2.43 1.92	29.72 1.87 1.41	29.57 2.12 1.03	36.85 2.33 0.72	43.37 2.43 0.51	35.16 2.16 0.79
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.81 1.43 0.00	39.31 1.53 0.00	41.93 1.55 0.00	39.48 1.50 0.00	42.48 1.66 0.00	45.50 1.96 0.00	52.46 2.68 0.00	41.75 2.33 0.00	30.46 1.48 0.00	30.90 1.38 0.00	32.32 1.45 0.00	29.18 1.35 0.00	27.08 1.23 0.00	13.51 0.56 0.00	16.46 0.62 0.00	15.82 0.65 0.00	18.44 0.82 0.00	34.44 1.63 0.00	42.73 2.26 0.00	31.01 1.75 0.00	30.20 1.72 0.00	37.16 1.92 0.00	43.58 2.12 0.00	35.56 1.76 0.00
FORT ORANGE____ 23900	32.82 0.44 0.00	38.28 0.50 0.00	40.84 0.45 0.00	38.45 0.48 0.00	41.37 0.56 0.00	44.14 0.60 0.00	50.76 0.98 0.00	40.17 0.75 0.00	29.40 0.41 0.00	29.73 0.20 0.00	31.07 0.20 0.00	28.05 0.22 0.00	26.12 0.27 0.00	13.07 0.12 0.00	16.00 0.15 0.00	15.33 0.16 0.00	17.80 0.18 0.00	33.30 0.50 0.00	41.27 0.79 0.00	30.01 0.75 0.00	29.21 0.74 0.00	36.05 0.81 0.00	42.25 0.79 0.00	34.50 0.71 0.00
FORT_DRUM_COGEN 23780	31.90 -0.48 0.00	36.97 -0.81 0.00	39.45 -0.94 0.00	36.76 -1.22 0.00	39.85 -0.97 0.00	42.69 -0.84 0.00	49.71 -0.07 0.00	39.68 0.26 0.00	29.26 0.27 0.00	29.34 -0.18 0.00	30.30 -0.57 0.00	27.13 -0.71 0.00	25.50 -0.36 0.00	12.51 -0.44 0.00	15.17 -0.67 0.00	14.55 -0.63 0.00	17.41 -0.21 0.00	32.58 -0.22 0.00	40.59 0.12 0.00	29.56 0.30 0.00	28.66 0.18 0.00	34.93 -0.31 0.00	40.75 -0.71 0.00	33.01 -0.78 0.00
FOX_HILLS___ESR 323835	51.27 1.89 -17.00	49.93 1.95 -10.20	46.14 1.93 -3.83	39.83 1.85 -0.01	42.79 1.97 -0.01	45.85 2.30 -0.01	52.89 3.11 0.00	60.23 2.80 -18.01	58.48 1.76 -27.74	60.00 1.64 -28.84	57.09 1.83 -24.39	98.90 1.66 -69.41	104.32 1.50 -76.96	72.87 0.69 -59.22	62.51 0.78 -45.88	75.39 0.78 -59.43	103.56 0.96 -84.98	102.76 1.88 -68.08	88.35 2.57 -45.31	68.09 1.95 -36.88	57.38 1.97 -26.94	60.45 2.30 -22.91	57.50 2.62 -13.42	56.74 2.19 -20.75
FPL FAR_ROCK_GT1 24212	34.00 1.63 0.00	39.53 1.75 0.00	42.05 1.67 0.00	39.48 1.51 0.00	42.36 1.55 0.00	45.57 1.91 -0.12	54.80 2.35 -2.67	45.92 2.45 -4.04	29.68 1.58 0.89	29.79 1.63 1.35	32.09 2.16 0.94	30.97 1.99 -1.15	59.48 1.67 -31.96	13.07 0.69 0.57	14.52 0.73 2.05	13.41 0.78 2.55	15.20 0.95 3.37	31.92 1.84 2.72	41.28 2.72 1.92	29.94 2.09 1.41	29.64 2.19 1.03	36.91 2.39 0.72	43.55 2.61 0.51	35.34 2.35 0.79

FPL FAR_ROCK_GT2 23815	34.00 1.63 0.00	39.53 1.75 0.00	42.05 1.67 0.00	39.48 1.51 0.00	42.36 1.55 0.00	45.57 1.91 -0.12	54.80 2.35 -2.67	45.92 2.45 -4.04	29.68 1.58 0.89	29.79 1.63 1.35	32.09 2.16 0.94	30.97 1.99 -1.15	59.48 1.67 -31.96	13.07 0.69 0.57	14.52 0.73 2.05	13.41 0.78 2.55	15.20 0.95 3.37	31.92 1.84 2.72	41.28 2.72 1.92	29.94 2.09 1.41	29.64 2.19 1.03	36.91 2.39 0.72	43.55 2.61 0.51	35.34 2.35 0.79
FRANKLIN_FALL_HYD 24054	32.61 0.24 0.00	38.21 0.43 0.00	40.76 0.38 0.00	38.43 0.46 0.00	41.39 0.58 0.00	44.28 0.75 0.00	50.43 0.65 0.00	39.69 0.26 0.00	29.28 0.29 0.00	29.93 0.41 0.00	31.35 0.48 0.00	28.29 0.46 0.00	26.25 0.40 0.00	13.17 0.22 0.00	16.09 0.24 0.00	15.33 0.16 0.00	17.80 0.18 0.00	32.98 0.18 0.00	40.62 0.15 0.00	29.39 0.13 0.00	28.65 0.18 0.00	35.90 0.66 0.00	42.23 0.77 0.00	34.23 0.43 0.00
FREEPORT_EQUUS_GT1 23764	33.76 1.39 0.00	39.25 1.47 0.00	41.75 1.37 0.00	39.19 1.21 0.00	42.02 1.20 0.00	45.09 1.55 0.00	51.76 1.98 0.00	39.26 2.13 2.29	29.17 1.33 1.15	29.35 1.32 1.49	31.21 1.86 1.52	27.06 1.71 2.48	34.85 1.38 -7.62	11.60 0.55 1.90	14.30 0.51 2.05	13.23 0.60 2.55	14.99 0.74 3.37	31.59 1.51 2.72	40.93 2.37 1.92	29.69 1.84 1.41	29.38 1.94 1.03	36.62 2.11 0.72	43.20 2.25 0.51	35.05 2.05 0.79
FREEPORT___CT2 23818	33.76 1.39 0.00	39.25 1.47 0.00	41.75 1.37 0.00	39.19 1.21 0.00	42.02 1.20 0.00	45.09 1.55 0.00	51.76 1.98 0.00	39.26 2.13 2.29	29.17 1.33 1.15	29.35 1.32 1.49	31.21 1.86 1.52	27.06 1.71 2.48	34.85 1.38 -7.62	11.60 0.55 1.90	14.30 0.51 2.05	13.23 0.60 2.55	14.99 0.74 3.37	31.59 1.51 2.72	40.93 2.37 1.92	29.69 1.84 1.41	29.38 1.94 1.03	36.62 2.11 0.72	43.20 2.25 0.51	35.05 2.05 0.79
FRESHKLS_33_KV_LOAD 356253	51.25 1.88 -17.00	49.88 1.90 -10.20	46.09 1.87 -3.83	39.77 1.79 -0.01	42.72 1.89 -0.01	45.78 2.24 -0.01	52.84 3.06 0.00	60.16 2.73 -18.01	58.41 1.69 -27.74	59.88 1.52 -28.84	56.95 1.69 -24.39	98.81 1.57 -69.41	104.25 1.44 -76.96	72.83 0.66 -59.22	62.45 0.73 -45.88	75.35 0.74 -59.43	103.51 0.91 -84.98	102.68 1.79 -68.08	88.29 2.51 -45.31	68.03 1.89 -36.88	57.33 1.92 -26.94	60.41 2.26 -22.91	57.41 2.53 -13.42	56.67 2.12 -20.75
FULTON COGEN____ 23766	31.67 -0.71 0.00	36.95 -0.83 0.00	39.51 -0.87 0.00	37.14 -0.84 0.00	39.91 -0.90 0.00	42.62 -0.92 0.00	48.93 -0.85 0.00	38.76 -0.67 0.00	28.43 -0.56 0.00	28.94 -0.58 0.00	30.31 -0.56 0.00	27.27 -0.56 0.00	25.27 -0.59 0.00	12.64 -0.31 0.00	15.47 -0.38 0.00	14.81 -0.36 0.00	17.29 -0.33 0.00	32.14 -0.67 0.00	39.72 -0.75 0.00	28.77 -0.49 0.00	27.94 -0.54 0.00	34.46 -0.77 0.00	40.55 -0.91 0.00	33.00 -0.80 0.00
FULTON___LFGE 323630	34.11 1.74 0.00	39.83 2.05 0.00	42.62 2.23 0.00	40.09 2.11 0.00	43.17 2.35 0.00	46.08 2.55 0.00	52.98 3.20 0.00	41.67 2.24 0.00	30.19 1.20 0.00	30.36 0.84 0.00	31.48 0.61 0.00	27.87 0.04 0.00	25.96 0.11 0.00	13.01 0.06 0.00	15.86 0.02 0.00	15.15 -0.03 0.00	17.73 0.11 0.00	34.11 1.31 0.00	42.85 2.37 0.00	31.16 1.90 0.00	30.27 1.79 0.00	37.35 2.11 0.00	43.84 2.38 0.00	35.56 1.76 0.00
G.F.CEMENT___DRP 24184	33.89 1.52 0.00	39.60 1.82 0.00	42.25 1.86 0.00	39.67 1.69 0.00	42.87 2.06 0.00	45.91 2.38 0.00	52.78 3.00 0.00	41.72 2.30 0.00	30.21 1.22 0.00	30.47 0.95 0.00	31.84 0.97 0.00	28.69 0.86 0.00	26.61 0.76 0.00	13.40 0.45 0.00	16.30 0.45 0.00	15.53 0.36 0.00	18.06 0.45 0.00	33.89 1.09 0.00	41.61 1.14 0.00	30.10 0.84 0.00	29.31 0.83 0.00	36.35 1.11 0.00	43.31 1.85 0.00	35.74 1.95 0.00
GARDENVILLE___LBMP 24039	31.14 -1.23 0.00	36.32 -1.46 0.00	39.05 -1.34 0.00	36.55 -1.43 0.00	38.78 -2.03 0.00	41.34 -2.20 0.00	47.22 -2.56 0.00	36.88 -2.54 0.00	27.32 -1.67 0.00	28.16 -1.36 0.00	29.62 -1.24 0.00	26.50 -1.33 0.00	24.56 -1.30 0.00	12.55 -0.40 0.00	15.49 -0.36 0.00	14.62 -0.56 0.00	16.92 -0.69 0.00	30.93 -1.87 0.00	37.56 -2.91 0.00	27.24 -2.02 0.00	26.35 -2.12 0.00	32.60 -2.64 0.00	38.87 -2.59 0.00	31.57 -2.22 0.00
GARDNVLA_35_KV_LD 355827	31.23 -1.14 0.00	36.43 -1.35 0.00	39.17 -1.22 0.00	36.67 -1.31 0.00	38.93 -1.88 0.00	41.49 -2.04 0.00	47.40 -2.38 0.00	37.14 -2.29 0.00	27.55 -1.44 0.00	28.40 -1.12 0.00	29.89 -0.98 0.00	26.77 -1.06 0.00	24.82 -1.03 0.00	12.66 -0.29 0.00	15.56 -0.29 0.00	14.67 -0.50 0.00	16.99 -0.62 0.00	31.05 -1.75 0.00	37.70 -2.77 0.00	27.36 -1.90 0.00	26.48 -2.00 0.00	32.75 -2.49 0.00	39.04 -2.41 0.00	31.71 -2.09 0.00
GELCKHM___115KV_LOAD 80723	31.98 -0.39 0.00	37.32 -0.46 0.00	39.92 -0.47 0.00	37.51 -0.46 0.00	40.28 -0.53 0.00	43.01 -0.53 0.00	49.38 -0.39 0.00	39.09 -0.33 0.00	28.70 -0.29 0.00	29.24 -0.28 0.00	30.56 -0.31 0.00	27.52 -0.31 0.00	25.50 -0.35 0.00	12.77 -0.17 0.00	15.64 -0.20 0.00	14.98 -0.20 0.00	17.44 -0.18 0.00	32.43 -0.37 0.00	40.02 -0.46 0.00	28.98 -0.28 0.00	28.15 -0.33 0.00	34.71 -0.53 0.00	40.87 -0.59 0.00	33.28 -0.52 0.00
GENERAL___MILLS 23808	31.21 -1.17 0.00	36.39 -1.38 0.00	39.13 -1.26 0.00	36.63 -1.34 0.00	38.89 -1.93 0.00	41.45 -2.09 0.00	47.33 -2.44 0.00	36.99 -2.44 0.00	27.42 -1.56 0.00	28.27 -1.25 0.00	29.75 -1.12 0.00	26.65 -1.18 0.00	24.70 -1.15 0.00	12.61 -0.34 0.00	15.54 -0.31 0.00	14.65 -0.53 0.00	16.97 -0.65 0.00	31.01 -1.79 0.00	37.64 -2.83 0.00	27.31 -1.96 0.00	26.43 -2.05 0.00	32.69 -2.55 0.00	38.98 -2.48 0.00	31.66 -2.13 0.00
GE_PLASTICS___DRP 24183	32.76 0.38 0.00	38.22 0.45 0.00	40.82 0.44 0.00	38.43 0.45 0.00	41.32 0.51 0.00	44.05 0.51 0.00	50.61 0.83 0.00	40.09 0.66 0.00	29.37 0.38 0.00	29.82 0.30 0.00	31.16 0.29 0.00	28.14 0.30 0.00	26.20 0.34 0.00	13.11 0.15 0.00	16.02 0.18 0.00	15.36 0.19 0.00	17.82 0.20 0.00	33.28 0.48 0.00	41.16 0.69 0.00	29.87 0.61 0.00	29.07 0.60 0.00	35.90 0.67 0.00	42.13 0.67 0.00	34.41 0.61 0.00
GILBOA___1 23756	32.86 0.48 0.00	38.56 0.78 0.00	41.33 0.94 0.00	38.88 0.91 0.00	41.79 0.98 0.00	44.17 0.63 0.00	50.66 0.88 0.00	40.21 0.79 0.00	29.49 0.50 0.00	29.94 0.42 0.00	31.31 0.44 0.00	28.32 0.49 0.00	26.44 0.59 0.00	13.24 0.29 0.00	16.28 0.43 0.00	15.59 0.41 0.00	17.88 0.26 0.00	33.32 0.52 0.00	41.18 0.71 0.00	29.82 0.56 0.00	29.03 0.55 0.00	35.88 0.64 0.00	42.16 0.70 0.00	34.42 0.62 0.00
GILBOA___2 23757	32.86 0.48 0.00	38.56 0.78 0.00	41.33 0.94 0.00	38.88 0.91 0.00	41.79 0.98 0.00	44.17 0.63 0.00	50.66 0.88 0.00	40.21 0.79 0.00	29.49 0.50 0.00	29.94 0.42 0.00	31.31 0.44 0.00	28.32 0.49 0.00	26.44 0.59 0.00	13.24 0.29 0.00	16.28 0.43 0.00	15.59 0.41 0.00	17.88 0.26 0.00	33.32 0.52 0.00	41.18 0.71 0.00	29.82 0.56 0.00	29.03 0.55 0.00	35.88 0.64 0.00	42.16 0.70 0.00	34.42 0.62 0.00

GILBOA___3 23758	32.86 0.48 0.00	38.56 0.78 0.00	41.33 0.94 0.00	38.88 0.91 0.00	41.79 0.98 0.00	44.17 0.63 0.00	50.66 0.88 0.00	40.21 0.79 0.00	29.49 0.50 0.00	29.94 0.42 0.00	31.31 0.44 0.00	28.32 0.49 0.00	26.44 0.59 0.00	13.24 0.29 0.00	16.28 0.43 0.00	15.59 0.41 0.00	17.88 0.26 0.00	33.32 0.52 0.00	41.18 0.71 0.00	29.82 0.56 0.00	29.03 0.55 0.00	35.88 0.64 0.00	42.16 0.70 0.00	34.42 0.62 0.00
GILBOA___4 23759	32.86 0.48 0.00	38.56 0.78 0.00	41.33 0.94 0.00	38.88 0.91 0.00	41.79 0.98 0.00	44.17 0.63 0.00	50.66 0.88 0.00	40.21 0.79 0.00	29.49 0.50 0.00	29.94 0.42 0.00	31.31 0.44 0.00	28.32 0.49 0.00	26.44 0.59 0.00	13.24 0.29 0.00	16.28 0.43 0.00	15.59 0.41 0.00	17.88 0.26 0.00	33.32 0.52 0.00	41.18 0.71 0.00	29.82 0.56 0.00	29.03 0.55 0.00	35.88 0.64 0.00	42.16 0.70 0.00	34.42 0.62 0.00
GILBOA___ 23599	32.86 0.48 0.00	38.56 0.78 0.00	41.33 0.94 0.00	38.89 0.91 0.00	41.80 0.98 0.00	44.17 0.63 0.00	50.66 0.88 0.00	40.21 0.79 0.00	29.49 0.50 0.00	29.95 0.43 0.00	31.32 0.44 0.00	28.32 0.49 0.00	26.45 0.59 0.00	13.24 0.29 0.00	16.28 0.43 0.00	15.59 0.41 0.00	17.88 0.26 0.00	33.32 0.52 0.00	41.18 0.71 0.00	29.82 0.56 0.00	29.03 0.55 0.00	35.88 0.64 0.00	42.16 0.70 0.00	34.42 0.63 0.00
GINNA___ 23603	30.22 -2.15 0.00	35.24 -2.54 0.00	37.75 -2.63 0.00	35.43 -2.54 0.00	37.92 -2.89 0.00	40.55 -2.99 0.00	46.46 -3.32 0.00	36.64 -2.78 0.00	27.05 -1.94 0.00	27.74 -1.78 0.00	29.00 -1.87 0.00	25.96 -1.88 0.00	24.02 -1.83 0.00	12.13 -0.82 0.00	14.94 -0.91 0.00	14.25 -0.92 0.00	16.55 -1.07 0.00	30.63 -2.17 0.00	37.53 -2.95 0.00	27.21 -2.05 0.00	26.43 -2.05 0.00	32.58 -2.65 0.00	38.50 -2.96 0.00	31.28 -2.51 0.00
GLEN PARK___ 23778	31.94 -0.44 0.00	37.02 -0.76 0.00	39.50 -0.88 0.00	36.82 -1.16 0.00	39.92 -0.89 0.00	42.77 -0.76 0.00	49.85 0.07 0.00	39.77 0.35 0.00	29.27 0.28 0.00	29.28 -0.24 0.00	30.21 -0.66 0.00	27.02 -0.82 0.00	25.48 -0.37 0.00	12.46 -0.49 0.00	15.13 -0.71 0.00	14.49 -0.68 0.00	17.39 -0.22 0.00	32.60 -0.21 0.00	40.69 0.22 0.00	29.65 0.39 0.00	28.76 0.28 0.00	35.04 -0.20 0.00	40.85 -0.60 0.00	33.08 -0.71 0.00
GLENDALE_27_KV_LOAD 356172	34.26 1.88 0.00	39.73 1.95 0.00	42.29 1.91 0.00	39.82 1.85 0.00	42.79 1.98 0.00	45.90 2.36 0.00	52.96 3.18 0.00	60.36 2.87 -18.07	58.95 1.85 -28.11	70.92 1.82 -39.58	72.02 2.01 -39.14	110.97 1.80 -81.33	111.28 1.60 -83.82	78.92 0.76 -65.21	70.24 0.87 -53.53	82.49 0.87 -66.44	106.58 1.03 -87.93	105.77 1.97 -70.99	93.26 2.70 -50.10	68.21 2.07 -36.88	57.49 2.07 -26.94	56.37 2.36 -18.77	57.59 2.71 -13.42	56.81 2.27 -20.75
GLENWOOD_IC_1_G5 23712	33.85 1.48 0.00	39.34 1.57 0.00	41.88 1.50 0.00	39.37 1.39 0.00	42.28 1.47 0.00	45.34 1.81 0.00	52.31 2.53 0.00	39.57 2.43 2.29	29.37 1.48 1.09	29.49 1.46 1.49	31.02 1.80 1.64	26.26 1.67 3.24	29.79 1.42 -2.52	11.38 0.61 2.18	14.42 0.63 2.05	13.28 0.65 2.55	15.04 0.80 3.37	31.74 1.66 2.72	40.96 2.41 1.92	29.70 1.85 1.41	29.34 1.89 1.03	36.60 2.09 0.72	43.23 2.29 0.51	35.00 2.00 0.79
GLENWOOD_IC_2_G1 23688	33.77 1.40 0.00	39.26 1.48 0.00	41.81 1.42 0.00	39.31 1.33 0.00	42.24 1.42 0.00	45.28 1.74 0.00	52.11 2.34 0.00	39.36 2.23 2.29	29.32 1.41 1.08	29.39 1.36 1.49	30.74 1.65 1.78	25.26 1.52 4.10	23.95 1.31 3.21	11.03 0.58 2.50	14.41 0.61 2.05	13.29 0.66 2.55	15.05 0.80 3.37	31.64 1.56 2.72	40.80 2.25 1.92	29.59 1.74 1.41	29.22 1.77 1.03	36.47 1.96 0.72	43.09 2.15 0.51	34.88 1.88 0.79
GLENWOOD_IC_3_G1 23689	33.77 1.40 0.00	39.26 1.48 0.00	41.81 1.42 0.00	39.31 1.33 0.00	42.24 1.42 0.00	45.28 1.74 0.00	52.11 2.34 0.00	39.36 2.23 2.29	29.32 1.41 1.08	29.39 1.36 1.49	30.74 1.65 1.78	25.26 1.52 4.10	23.95 1.31 3.21	11.03 0.58 2.50	14.41 0.61 2.05	13.29 0.66 2.55	15.05 0.80 3.37	31.64 1.56 2.72	40.80 2.25 1.92	29.59 1.74 1.41	29.22 1.77 1.03	36.47 1.96 0.72	43.09 2.15 0.51	34.88 1.88 0.79
GLENWOOD___4 23550	33.85 1.48 0.00	39.34 1.57 0.00	41.88 1.50 0.00	39.37 1.39 0.00	42.28 1.47 0.00	45.34 1.81 0.00	52.31 2.53 0.00	39.57 2.43 2.29	29.37 1.48 1.09	29.49 1.46 1.49	31.02 1.80 1.64	26.26 1.67 3.24	29.79 1.42 -2.52	11.38 0.61 2.18	14.42 0.63 2.05	13.30 0.67 2.55	15.06 0.81 3.37	31.74 1.66 2.72	40.96 2.41 1.92	29.70 1.85 1.41	29.34 1.89 1.03	36.60 2.09 0.72	43.23 2.29 0.51	35.00 2.00 0.79
GLENWOOD___5 23614	33.85 1.48 0.00	39.34 1.57 0.00	41.88 1.50 0.00	39.37 1.39 0.00	42.28 1.47 0.00	45.34 1.81 0.00	52.31 2.53 0.00	39.57 2.43 2.29	29.37 1.48 1.09	29.49 1.46 1.49	31.02 1.80 1.64	26.26 1.67 3.24	29.79 1.42 -2.52	11.38 0.61 2.18	14.42 0.63 2.05	13.30 0.67 2.55	15.06 0.81 3.37	31.74 1.66 2.72	40.96 2.41 1.92	29.70 1.85 1.41	29.34 1.89 1.03	36.60 2.09 0.72	43.23 2.29 0.51	35.00 2.00 0.79
GLOBAL GREEN_PORT_GT1 23814	34.89 2.51 0.00	39.85 2.07 0.00	41.62 1.24 0.00	38.72 0.75 0.00	41.43 0.61 0.00	44.48 1.02 0.08	49.47 1.41 1.72	34.85 1.80 6.37	28.66 0.86 1.19	28.65 0.71 1.58	30.73 1.70 1.84	25.05 1.73 4.51	21.25 1.35 5.96	10.55 0.25 2.65	13.79 -0.01 2.05	12.82 0.19 2.55	14.53 0.29 3.37	30.78 0.69 2.72	40.20 1.65 1.92	29.17 1.32 1.41	29.14 1.69 1.03	36.29 1.77 0.72	42.57 1.62 0.51	34.53 1.53 0.79
GLOBE___DSASP 323697	29.83 -2.55 0.00	34.80 -2.98 0.00	37.43 -2.96 0.00	35.06 -2.92 0.00	37.13 -3.69 0.00	39.58 -3.96 0.00	44.82 -4.96 0.00	34.86 -4.57 0.00	26.02 -2.97 0.00	27.03 -2.49 0.00	28.52 -2.35 0.00	25.58 -2.25 0.00	23.72 -2.13 0.00	12.15 -0.80 0.00	14.95 -0.90 0.00	14.12 -1.06 0.00	16.30 -1.32 0.00	29.54 -3.27 0.00	35.78 -4.69 0.00	26.06 -3.20 0.00	25.27 -3.21 0.00	31.37 -3.87 0.00	37.53 -3.93 0.00	30.48 -3.31 0.00
GOETHSLN___LBMP 323567	33.82 1.44 0.00	39.23 1.45 0.00	41.79 1.41 0.00	39.34 1.37 0.00	42.30 1.49 0.00	45.38 1.85 0.00	52.29 2.52 0.00	57.39 2.31 -15.65	55.25 1.48 -24.79	65.21 1.37 -34.32	66.03 1.50 -33.66	97.94 1.40 -68.71	101.02 1.24 -73.93	71.04 0.58 -57.51	63.69 0.64 -47.21	74.44 0.67 -58.60	95.98 0.81 -77.54	96.96 1.55 -62.61	86.83 2.17 -44.18	63.47 1.69 -32.52	53.95 1.71 -23.76	53.68 1.89 -16.56	55.42 2.13 -11.83	53.94 1.84 -18.30
GOLAH___69_KV_TB 1_2 80279	31.56 -0.82 0.00	36.78 -1.00 0.00	39.42 -0.96 0.00	36.98 -1.00 0.00	39.49 -1.32 0.00	42.25 -1.28 0.00	48.32 -1.45 0.00	38.00 -1.43 0.00	28.13 -0.86 0.00	28.89 -0.63 0.00	30.20 -0.67 0.00	26.96 -0.88 0.00	24.94 -0.92 0.00	12.67 -0.28 0.00	15.58 -0.27 0.00	14.83 -0.34 0.00	17.16 -0.46 0.00	31.76 -1.04 0.00	38.89 -1.59 0.00	28.23 -1.03 0.00	27.41 -1.07 0.00	33.85 -1.39 0.00	40.11 -1.35 0.00	32.53 -1.27 0.00

GOODYEAR_LAKE_HYD 323669	33.54 1.16 0.00	39.23 1.45 0.00	42.03 1.64 0.00	39.54 1.56 0.00	42.52 1.71 0.00	45.31 1.77 0.00	52.09 2.31 0.00	41.35 1.93 0.00	30.24 1.26 0.00	30.70 1.18 0.00	32.10 1.23 0.00	28.90 1.06 0.00	26.88 1.03 0.00	13.42 0.47 0.00	16.38 0.54 0.00	15.70 0.52 0.00	18.25 0.63 0.00	34.00 1.20 0.00	42.11 1.64 0.00	30.49 1.23 0.00	29.61 1.14 0.00	36.48 1.24 0.00	42.84 1.38 0.00	34.85 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.62 0.25 0.00	38.14 0.36 0.00	40.85 0.46 0.00	38.36 0.38 0.00	41.19 0.37 0.00	43.87 0.34 0.00	50.63 0.85 0.00	40.09 0.67 0.00	29.38 0.40 0.00	29.93 0.42 0.00	31.34 0.46 0.00	28.20 0.37 0.00	26.12 0.27 0.00	13.07 0.12 0.00	15.96 0.11 0.00	15.25 0.07 0.00	17.73 0.11 0.00	32.93 0.13 0.00	40.58 0.10 0.00	29.40 0.14 0.00	28.55 0.07 0.00	35.15 -0.08 0.00	41.48 0.02 0.00	33.81 0.02 0.00
GOUDEY___7 23579	32.62 0.25 0.00	38.14 0.36 0.00	40.85 0.46 0.00	38.36 0.38 0.00	41.19 0.37 0.00	43.87 0.34 0.00	50.63 0.85 0.00	40.09 0.67 0.00	29.38 0.40 0.00	29.93 0.42 0.00	31.34 0.46 0.00	28.20 0.37 0.00	26.12 0.27 0.00	13.07 0.12 0.00	15.96 0.11 0.00	15.25 0.07 0.00	17.73 0.11 0.00	32.93 0.13 0.00	40.58 0.10 0.00	29.40 0.14 0.00	28.55 0.07 0.00	35.15 -0.08 0.00	41.48 0.02 0.00	33.81 0.02 0.00
GOUDEY___8 23580	32.62 0.25 0.00	38.14 0.36 0.00	40.85 0.46 0.00	38.36 0.38 0.00	41.19 0.37 0.00	43.87 0.34 0.00	50.63 0.85 0.00	40.09 0.67 0.00	29.38 0.40 0.00	29.93 0.42 0.00	31.34 0.46 0.00	28.20 0.37 0.00	26.12 0.27 0.00	13.07 0.12 0.00	15.96 0.11 0.00	15.25 0.07 0.00	17.73 0.11 0.00	32.93 0.13 0.00	40.58 0.10 0.00	29.40 0.14 0.00	28.55 0.07 0.00	35.15 -0.08 0.00	41.48 0.02 0.00	33.81 0.02 0.00
GOWANUS_GT1_1 24077	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_2 24078	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_3 24079	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_4 24080	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_5 24084	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_6 24111	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_7 24112	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT1_8 24113	51.31 1.94 -17.00	50.01 2.02 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.43 2.94 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.95 1.79 -81.33	111.28 1.60 -83.82	80.42 0.75 -66.72	70.22 0.85 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.42 2.72 -50.22	68.20 2.07 -36.88	57.49 2.07 -26.94	60.55 2.40 -22.91	57.65 2.77 -13.42	56.86 2.32 -20.75
GOWANUS_GT2_1 24114	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_2 24115	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_3 24116	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75

GOWANUS_GT2_4 24117	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_5 24118	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_6 24119	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_7 24120	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT2_8 24121	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
GOWANUS_GT3_1 24122	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_2 24123	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_3 24124	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_4 24125	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_5 24126	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_6 24127	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_7 24128	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT3_8 24129	51.32 1.94 -17.00	50.00 2.02 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.87 -28.11	70.89 1.79 -39.58	71.98 1.97 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.47 0.85 -66.44	106.57 1.02 -87.93	106.56 1.99 -71.76	93.43 2.73 -50.22	68.20 2.06 -36.88	57.49 2.07 -26.94	60.57 2.42 -22.91	57.66 2.79 -13.42	56.87 2.32 -20.75
GOWANUS_GT4_1 24130	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_2 24131	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75

GOWANUS_GT4_3 24132	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_4 24133	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_5 24134	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_6 24135	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_7 24136	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GOWANUS_GT4_8 24137	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GREENBSH_115KV_TB3 55895	32.65 0.27 0.00	38.08 0.30 0.00	40.61 0.23 0.00	38.26 0.28 0.00	41.14 0.33 0.00	43.89 0.35 0.00	50.46 0.69 0.00	39.96 0.53 0.00	29.28 0.29 0.00	29.71 0.19 0.00	31.05 0.18 0.00	28.06 0.22 0.00	26.11 0.26 0.00	13.06 0.11 0.00	15.97 0.12 0.00	15.31 0.14 0.00	17.78 0.16 0.00	33.23 0.43 0.00	41.07 0.60 0.00	29.83 0.57 0.00	29.03 0.56 0.00	35.85 0.61 0.00	42.03 0.57 0.00	34.34 0.55 0.00
GREENIDGE_115KV_TB5 80291	32.47 0.09 0.00	37.91 0.13 0.00	40.62 0.23 0.00	38.09 0.11 0.00	40.82 0.01 0.00	43.54 0.00 0.00	49.81 0.04 0.00	39.46 0.03 0.00	29.01 0.02 0.00	29.63 0.11 0.00	30.88 0.01 0.00	27.65 -0.18 0.00	25.38 -0.47 0.00	12.76 -0.19 0.00	15.65 -0.20 0.00	15.02 -0.15 0.00	17.43 -0.18 0.00	32.44 -0.36 0.00	40.11 -0.36 0.00	29.10 -0.16 0.00	28.23 -0.25 0.00	34.69 -0.55 0.00	40.88 -0.58 0.00	33.27 -0.53 0.00
GREENIDGE___3 23582	32.47 0.09 0.00	37.91 0.13 0.00	40.62 0.23 0.00	38.09 0.11 0.00	40.82 0.01 0.00	43.54 0.00 0.00	49.81 0.04 0.00	39.46 0.03 0.00	29.01 0.02 0.00	29.63 0.11 0.00	30.88 0.01 0.00	27.65 -0.18 0.00	25.38 -0.47 0.00	12.76 -0.19 0.00	15.65 -0.20 0.00	15.02 -0.15 0.00	17.43 -0.18 0.00	32.44 -0.36 0.00	40.11 -0.36 0.00	29.10 -0.16 0.00	28.23 -0.25 0.00	34.69 -0.55 0.00	40.88 -0.58 0.00	33.27 -0.53 0.00
GREENIDGE___4 23583	32.47 0.09 0.00	37.91 0.13 0.00	40.62 0.23 0.00	38.09 0.11 0.00	40.83 0.01 0.00	43.54 0.01 0.00	49.86 0.08 0.00	39.47 0.04 0.00	29.01 0.02 0.00	29.64 0.11 0.00	30.88 0.01 0.00	27.66 -0.17 0.00	25.38 -0.48 0.00	12.75 -0.20 0.00	15.64 -0.20 0.00	15.02 -0.15 0.00	17.43 -0.19 0.00	32.44 -0.36 0.00	40.11 -0.37 0.00	29.10 -0.16 0.00	28.24 -0.24 0.00	34.68 -0.56 0.00	40.87 -0.59 0.00	33.27 -0.53 0.00
GREENLWN_69_KV_BK 3 55738	33.28 0.90 0.00	38.78 1.00 0.00	41.26 0.87 0.00	38.65 0.68 0.00	41.40 0.58 0.00	44.25 0.79 0.08	49.45 1.34 1.67	34.93 1.76 6.26	28.64 0.84 1.19	28.78 0.84 1.58	30.50 1.47 1.83	24.84 1.45 4.44	21.38 1.03 5.51	10.66 0.33 2.63	14.01 0.21 2.05	13.02 0.39 2.55	14.67 0.43 3.37	30.97 0.89 2.72	40.18 1.62 1.92	29.15 1.30 1.41	28.91 1.46 1.03	36.04 1.53 0.72	42.50 1.55 0.51	34.49 1.49 0.79
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75
GRISSOM___SOLAR 323813	34.03 1.65 0.00	39.72 1.94 0.00	42.50 2.11 0.00	39.97 1.99 0.00	43.04 2.22 0.00	45.95 2.41 0.00	52.84 3.06 0.00	41.51 2.08 0.00	30.05 1.06 0.00	30.20 0.68 0.00	31.31 0.44 0.00	27.71 -0.12 0.00	25.78 -0.08 0.00	12.94 -0.01 0.00	15.76 -0.09 0.00	15.04 -0.14 0.00	17.60 -0.02 0.00	34.01 1.21 0.00	42.69 2.22 0.00	31.07 1.81 0.00	30.20 1.72 0.00	37.25 2.02 0.00	43.76 2.30 0.00	35.53 1.74 0.00
GROVEVILLE___HYD 323602	33.81 1.43 0.00	39.31 1.53 0.00	41.93 1.55 0.00	39.48 1.50 0.00	42.48 1.66 0.00	45.50 1.96 0.00	52.46 2.68 0.00	41.75 2.33 0.00	30.46 1.48 0.00	30.90 1.38 0.00	32.32 1.45 0.00	29.18 1.35 0.00	27.08 1.23 0.00	13.51 0.56 0.00	16.46 0.62 0.00	15.82 0.65 0.00	18.44 0.82 0.00	34.44 1.63 0.00	42.73 2.26 0.00	31.01 1.75 0.00	30.20 1.72 0.00	37.16 1.92 0.00	43.58 2.12 0.00	35.56 1.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00

HAMLTNNY_34_KV_TB 80303	32.27 -0.10 0.00	37.67 -0.11 0.00	40.32 -0.06 0.00	37.88 -0.10 0.00	40.65 -0.17 0.00	43.44 -0.10 0.00	49.90 0.12 0.00	39.45 0.02 0.00	28.97 -0.02 0.00	29.53 0.01 0.00	30.84 -0.03 0.00	27.74 -0.09 0.00	25.65 -0.21 0.00	12.86 -0.09 0.00	15.73 -0.12 0.00	15.08 -0.09 0.00	17.58 -0.03 0.00	32.69 -0.12 0.00	40.30 -0.17 0.00	29.22 -0.04 0.00	28.38 -0.10 0.00	34.94 -0.29 0.00	41.18 -0.28 0.00	33.53 -0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.02 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.43 0.00	17.33 -0.29 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
HARDSCRABBLE_WT_PWR 323673	31.77 -0.60 0.00	37.23 -0.55 0.00	39.74 -0.65 0.00	37.57 -0.40 0.00	40.61 -0.20 0.00	43.33 -0.21 0.00	50.03 0.26 0.00	39.62 0.19 0.00	28.70 -0.29 0.00	28.81 -0.71 0.00	29.87 -1.01 0.00	26.80 -1.04 0.00	24.89 -0.97 0.00	12.41 -0.54 0.00	15.08 -0.76 0.00	14.37 -0.81 0.00	16.84 -0.78 0.00	32.80 -0.01 0.00	40.91 0.44 0.00	29.96 0.70 0.00	29.10 0.62 0.00	35.74 0.51 0.00	41.90 0.44 0.00	34.11 0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.49 1.12 0.00	38.93 1.15 0.00	41.53 1.15 0.00	39.11 1.13 0.00	42.07 1.25 0.00	45.08 1.54 0.00	51.94 2.16 0.00	41.61 1.92 -0.27	30.17 1.19 0.00	30.63 1.11 0.00	32.04 1.17 0.00	28.94 1.11 0.00	26.89 1.03 0.00	13.42 0.47 0.00	16.35 0.50 0.00	15.73 0.55 0.00	18.32 0.70 0.00	34.17 1.37 0.00	42.40 1.92 0.00	30.71 1.45 0.00	29.91 1.44 0.00	36.79 1.55 0.00	43.19 1.73 0.00	35.27 1.47 0.00
HARSNRAD_115KV_TB1 81005	30.46 -1.92 0.00	35.47 -2.31 0.00	38.13 -2.26 0.00	35.72 -2.25 0.00	37.92 -2.89 0.00	40.47 -3.07 0.00	45.95 -3.82 0.00	35.74 -3.69 0.00	26.63 -2.36 0.00	27.59 -1.93 0.00	29.04 -1.83 0.00	25.97 -1.86 0.00	24.06 -1.79 0.00	12.35 -0.60 0.00	15.22 -0.62 0.00	14.36 -0.81 0.00	16.55 -1.06 0.00	30.15 -2.65 0.00	36.59 -3.88 0.00	26.64 -2.62 0.00	25.81 -2.67 0.00	32.01 -3.23 0.00	38.23 -3.22 0.00	31.02 -2.77 0.00
HARZA MOOSE___RIVER 24016	32.43 0.05 0.00	37.68 -0.10 0.00	40.21 -0.18 0.00	37.60 -0.38 0.00	40.63 -0.18 0.00	43.47 -0.07 0.00	50.27 0.49 0.00	40.04 0.62 0.00	29.49 0.50 0.00	29.78 0.26 0.00	30.98 0.12 0.00	27.92 0.09 0.00	25.93 0.08 0.00	12.89 -0.06 0.00	15.65 -0.19 0.00	15.01 -0.16 0.00	17.68 0.06 0.00	33.11 0.31 0.00	40.98 0.51 0.00	29.72 0.46 0.00	28.84 0.37 0.00	35.33 0.09 0.00	41.38 -0.08 0.00	33.63 -0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.99 -0.38 0.00	37.35 -0.43 0.00	39.95 -0.44 0.00	37.54 -0.44 0.00	40.32 -0.49 0.00	43.04 -0.50 0.00	49.41 -0.36 0.00	39.13 -0.30 0.00	28.73 -0.26 0.00	29.26 -0.26 0.00	30.59 -0.28 0.00	27.55 -0.28 0.00	25.52 -0.33 0.00	12.79 -0.15 0.00	15.66 -0.18 0.00	14.99 -0.18 0.00	17.45 -0.16 0.00	32.44 -0.36 0.00	40.03 -0.44 0.00	28.99 -0.27 0.00	28.16 -0.31 0.00	34.73 -0.51 0.00	40.89 -0.57 0.00	33.29 -0.51 0.00
HELLGATE_13_KV_LD 55870	34.31 1.94 0.00	39.80 2.02 0.00	42.37 1.98 0.00	39.89 1.92 0.00	42.86 2.05 0.00	45.95 2.42 0.00	53.07 3.29 0.00	60.46 2.96 -18.07	59.00 1.90 -28.11	70.97 1.87 -39.58	72.07 2.06 -39.14	111.01 1.85 -81.33	111.31 1.63 -83.82	78.95 0.79 -65.21	70.27 0.89 -53.53	82.51 0.89 -66.44	106.60 1.06 -87.93	105.81 2.01 -70.99	93.31 2.75 -50.10	68.24 2.10 -36.88	57.51 2.10 -26.94	56.42 2.41 -18.77	57.63 2.75 -13.42	56.84 2.30 -20.75
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.31 1.94 0.00	39.80 2.02 0.00	42.37 1.98 0.00	39.89 1.92 0.00	42.86 2.05 0.00	45.95 2.42 0.00	53.07 3.29 0.00	60.46 2.96 -18.07	59.00 1.90 -28.11	70.97 1.87 -39.58	72.07 2.06 -39.14	111.01 1.85 -81.33	111.31 1.63 -83.82	78.95 0.79 -65.21	70.27 0.89 -53.53	82.51 0.89 -66.44	106.60 1.06 -87.93	105.81 2.01 -70.99	93.31 2.75 -50.10	68.24 2.10 -36.88	57.51 2.10 -26.94	56.42 2.41 -18.77	57.63 2.75 -13.42	56.84 2.30 -20.75
HEMPSTEAD____ 23647	33.64 1.26 0.00	39.10 1.33 0.00	41.61 1.23 0.00	39.07 1.10 0.00	41.92 1.10 0.00	44.94 1.40 0.00	51.65 1.87 0.00	39.13 2.00 2.29	29.12 1.24 1.11	29.26 1.23 1.49	30.96 1.70 1.60	26.41 1.57 2.99	31.33 1.27 -4.20	11.37 0.51 2.09	14.28 0.48 2.05	13.19 0.56 2.55	14.94 0.69 3.37	31.49 1.41 2.72	40.74 2.18 1.92	29.55 1.70 1.41	29.23 1.78 1.03	36.43 1.92 0.72	42.98 2.04 0.51	34.86 1.86 0.79
HEWLETT_69_KV_BK3 55828	33.87 1.50 0.00	39.38 1.60 0.00	41.89 1.50 0.00	39.33 1.35 0.00	42.20 1.38 0.00	45.42 1.76 -0.12	54.87 2.42 -2.67	45.92 2.45 -4.04	29.59 1.49 0.89	29.68 1.51 1.35	31.96 2.03 0.94	30.85 1.87 -1.15	59.36 1.55 -31.96	13.02 0.64 0.57	14.45 0.66 2.05	13.36 0.73 2.55	15.11 0.86 3.37	31.77 1.69 2.72	41.10 2.55 1.92	29.81 1.96 1.41	29.50 2.06 1.03	36.75 2.24 0.72	43.41 2.47 0.51	35.19 2.20 0.79
HICKLING___1 23621	32.69 0.31 0.00	38.21 0.43 0.00	40.96 0.57 0.00	38.38 0.40 0.00	41.16 0.35 0.00	43.77 0.24 0.00	50.23 0.45 0.00	39.68 0.25 0.00	29.07 0.09 0.00	29.65 0.13 0.00	30.99 0.12 0.00	27.81 -0.02 0.00	25.68 -0.18 0.00	12.92 -0.03 0.00	15.83 -0.02 0.00	15.11 -0.06 0.00	17.58 -0.04 0.00	32.62 -0.18 0.00	40.26 -0.22 0.00	29.13 -0.13 0.00	28.23 -0.24 0.00	34.69 -0.55 0.00	40.95 -0.51 0.00	33.39 -0.41 0.00
HICKLING___2 23622	32.69 0.31 0.00	38.21 0.43 0.00	40.96 0.57 0.00	38.38 0.40 0.00	41.16 0.35 0.00	43.77 0.24 0.00	50.23 0.45 0.00	39.68 0.25 0.00	29.07 0.09 0.00	29.65 0.13 0.00	30.99 0.12 0.00	27.81 -0.02 0.00	25.68 -0.18 0.00	12.92 -0.03 0.00	15.83 -0.02 0.00	15.11 -0.06 0.00	17.58 -0.04 0.00	32.62 -0.18 0.00	40.26 -0.22 0.00	29.13 -0.13 0.00	28.23 -0.24 0.00	34.69 -0.55 0.00	40.95 -0.51 0.00	33.39 -0.41 0.00
HIGH FALLS___HY 23754	33.87 1.49 0.00	39.38 1.61 0.00	42.04 1.66 0.00	39.58 1.61 0.00	42.56 1.75 0.00	45.58 2.04 0.00	52.55 2.78 0.00	41.88 2.45 0.00	30.57 1.58 0.00	30.93 1.41 0.00	32.31 1.44 0.00	29.16 1.33 0.00	27.05 1.19 0.00	13.46 0.51 0.00	16.39 0.54 0.00	15.77 0.59 0.00	18.37 0.75 0.00	34.35 1.55 0.00	42.76 2.28 0.00	31.05 1.79 0.00	30.26 1.78 0.00	37.22 1.99 0.00	43.64 2.19 0.00	35.59 1.79 0.00
HIGH_RIVER___SOLAR 323847	33.41 1.04 0.00	39.00 1.23 0.00	41.70 1.31 0.00	39.22 1.25 0.00	42.24 1.42 0.00	45.05 1.51 0.00	51.74 1.97 0.00	40.79 1.36 0.00	29.66 0.67 0.00	29.89 0.37 0.00	31.01 0.14 0.00	27.58 -0.25 0.00	25.71 -0.15 0.00	12.86 -0.09 0.00	15.74 -0.10 0.00	15.05 -0.13 0.00	17.57 -0.05 0.00	33.52 0.72 0.00	42.13 1.66 0.00	30.63 1.37 0.00	29.78 1.31 0.00	36.81 1.57 0.00	43.23 1.77 0.00	35.16 1.36 0.00

HILLBURN___GT 23639	33.39 1.02 0.00	38.78 1.00 0.00	41.37 0.99 0.00	38.97 0.99 0.00	41.90 1.08 0.00	44.93 1.40 0.00	51.80 2.03 0.00	41.58 1.83 -0.32	30.11 1.12 0.00	30.55 1.03 0.00	31.99 1.12 0.00	28.91 1.08 0.00	26.84 0.99 0.00	13.40 0.46 0.00	16.35 0.51 0.00	15.73 0.55 0.00	18.31 0.69 0.00	34.12 1.32 0.00	42.35 1.88 0.00	30.65 1.39 0.00	29.84 1.37 0.00	36.71 1.47 0.00	43.11 1.65 0.00	35.22 1.43 0.00
HILLSIDE_115KV_TB1 80332	32.42 0.05 0.00	37.92 0.14 0.00	40.66 0.27 0.00	38.12 0.14 0.00	40.91 0.10 0.00	43.48 -0.06 0.00	49.91 0.13 0.00	39.44 0.01 0.00	28.90 -0.09 0.00	29.49 -0.03 0.00	30.83 -0.04 0.00	27.75 -0.09 0.00	25.68 -0.18 0.00	12.90 -0.05 0.00	15.79 -0.05 0.00	15.07 -0.11 0.00	17.53 -0.08 0.00	32.50 -0.30 0.00	40.00 -0.47 0.00	28.99 -0.27 0.00	28.12 -0.35 0.00	34.55 -0.68 0.00	40.88 -0.58 0.00	33.37 -0.43 0.00
HISHELDN_WT_PWR 323625	31.30 -1.07 0.00	36.53 -1.25 0.00	39.18 -1.20 0.00	36.65 -1.32 0.00	39.04 -1.77 0.00	41.58 -1.96 0.00	47.45 -2.33 0.00	37.15 -2.28 0.00	27.32 -1.67 0.00	28.10 -1.42 0.00	29.50 -1.37 0.00	26.31 -1.52 0.00	24.34 -1.51 0.00	12.37 -0.58 0.00	15.27 -0.57 0.00	14.45 -0.73 0.00	16.74 -0.88 0.00	30.94 -1.86 0.00	37.80 -2.67 0.00	27.32 -1.94 0.00	26.34 -2.14 0.00	32.43 -2.81 0.00	38.56 -2.90 0.00	31.38 -2.42 0.00
HOLTSVILLE_IC_1 23690	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
HOLTSVILLE_IC_10 23699	34.00 1.63 0.00	39.52 1.74 0.00	41.95 1.57 0.00	39.31 1.34 0.00	42.15 1.34 0.00	45.13 1.68 0.08	50.18 2.10 1.70	35.43 2.33 6.32	29.20 1.41 1.19	29.28 1.34 1.58	30.99 1.97 1.84	25.23 1.88 4.48	21.48 1.41 5.79	10.81 0.50 2.64	14.21 0.41 2.05	13.20 0.57 2.55	14.95 0.70 3.37	31.51 1.43 2.72	40.95 2.40 1.92	29.71 1.87 1.41	29.57 2.12 1.03	36.84 2.33 0.72	43.34 2.40 0.51	35.17 2.18 0.79
HOLTSVILLE_IC_2 23691	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
HOLTSVILLE_IC_3 23692	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
HOLTSVILLE_IC_4 23693	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
HOLTSVILLE_IC_5 23694	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
HOLTSVILLE_IC_6 23695	34.00 1.63 0.00	39.52 1.74 0.00	41.95 1.57 0.00	39.31 1.34 0.00	42.15 1.34 0.00	45.13 1.68 0.08	50.18 2.10 1.70	35.43 2.33 6.32	29.20 1.41 1.19	29.28 1.34 1.58	30.99 1.97 1.84	25.23 1.88 4.48	21.48 1.41 5.79	10.81 0.50 2.64	14.21 0.41 2.05	13.20 0.57 2.55	14.95 0.70 3.37	31.51 1.43 2.72	40.95 2.40 1.92	29.71 1.87 1.41	29.57 2.12 1.03	36.84 2.33 0.72	43.34 2.40 0.51	35.17 2.18 0.79
HOLTSVILLE_IC_7 23696	34.00 1.63 0.00	39.52 1.74 0.00	41.95 1.57 0.00	39.31 1.34 0.00	42.15 1.34 0.00	45.13 1.68 0.08	50.18 2.10 1.70	35.43 2.33 6.32	29.20 1.41 1.19	29.28 1.34 1.58	30.99 1.97 1.84	25.23 1.88 4.48	21.48 1.41 5.79	10.81 0.50 2.64	14.21 0.41 2.05	13.20 0.57 2.55	14.95 0.70 3.37	31.51 1.43 2.72	40.95 2.40 1.92	29.71 1.87 1.41	29.57 2.12 1.03	36.84 2.33 0.72	43.34 2.40 0.51	35.17 2.18 0.79
HOLTSVILLE_IC_8 23697	34.00 1.63 0.00	39.52 1.74 0.00	41.95 1.57 0.00	39.31 1.34 0.00	42.15 1.34 0.00	45.13 1.68 0.08	50.18 2.10 1.70	35.43 2.33 6.32	29.20 1.41 1.19	29.28 1.34 1.58	30.99 1.97 1.84	25.23 1.88 4.48	21.48 1.41 5.79	10.81 0.50 2.64	14.21 0.41 2.05	13.20 0.57 2.55	14.95 0.70 3.37	31.51 1.43 2.72	40.95 2.40 1.92	29.71 1.87 1.41	29.57 2.12 1.03	36.84 2.33 0.72	43.34 2.40 0.51	35.17 2.18 0.79
HOLTSVILLE_IC_9 23698	34.00 1.63 0.00	39.52 1.74 0.00	41.95 1.57 0.00	39.31 1.34 0.00	42.15 1.34 0.00	45.13 1.68 0.08	50.18 2.10 1.70	35.43 2.33 6.32	29.20 1.41 1.19	29.28 1.34 1.58	30.99 1.97 1.84	25.23 1.88 4.48	21.48 1.41 5.79	10.81 0.50 2.64	14.21 0.41 2.05	13.20 0.57 2.55	14.95 0.70 3.37	31.51 1.43 2.72	40.95 2.40 1.92	29.71 1.87 1.41	29.57 2.12 1.03	36.84 2.33 0.72	43.34 2.40 0.51	35.17 2.18 0.79
HOMER_HL_115KV_TB2 355744	32.59 0.22 0.00	38.09 0.31 0.00	40.79 0.40 0.00	38.16 0.18 0.00	40.61 -0.20 0.00	43.28 -0.26 0.00	49.66 -0.11 0.00	39.04 -0.39 0.00	28.69 -0.30 0.00	29.56 0.03 0.00	31.08 0.21 0.00	27.94 0.11 0.00	25.92 0.06 0.00	13.16 0.21 0.00	16.10 0.25 0.00	15.24 0.07 0.00	17.68 0.06 0.00	32.48 -0.32 0.00	39.54 -0.93 0.00	28.53 -0.72 0.00	27.66 -0.82 0.00	34.06 -1.17 0.00	40.78 -0.68 0.00	33.13 -0.66 0.00
HOWARD_WT_PWR 323690	32.57 0.19 0.00	38.04 0.26 0.00	40.76 0.38 0.00	38.05 0.07 0.00	40.56 -0.25 0.00	43.01 -0.53 0.00	49.35 -0.43 0.00	38.83 -0.60 0.00	28.35 -0.64 0.00	28.77 -0.75 0.00	29.94 -0.93 0.00	26.80 -1.03 0.00	24.51 -1.35 0.00	12.33 -0.63 0.00	15.15 -0.69 0.00	14.48 -0.70 0.00	16.80 -0.82 0.00	31.70 -1.10 0.00	39.48 -1.00 0.00	28.31 -0.95 0.00	27.34 -1.13 0.00	33.43 -1.80 0.00	39.15 -2.31 0.00	31.96 -1.84 0.00

HQ_GEN_CEDARS 23644	32.86 0.48 0.00	38.31 0.53 0.00	40.92 0.54 0.00	38.47 0.50 0.00	41.37 0.56 0.00	44.17 0.64 0.00	49.73 -0.05 0.00	39.16 -0.27 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.31 0.00	28.16 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.07 0.23 0.00	15.35 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.71 0.23 0.00	29.35 0.09 0.00	28.63 0.16 0.00	35.65 0.42 0.00	42.00 0.54 0.00	34.18 0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	32.86 0.48 0.00	38.31 0.53 0.00	40.92 0.54 0.00	38.47 0.50 0.00	41.37 0.56 0.00	44.17 0.64 0.00	49.72 -0.05 0.00	39.16 -0.27 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.31 0.00	28.16 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.35 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.71 0.23 0.00	29.35 0.09 0.00	28.63 0.16 0.00	35.65 0.42 0.00	42.00 0.54 0.00	34.18 0.39 0.00
HQ_GEN_IMPORT 323601	32.52 0.15 0.00	37.94 0.17 0.00	40.55 0.16 0.00	38.13 0.15 0.00	40.96 0.15 0.00	43.72 0.19 0.00	49.58 -0.20 0.00	39.18 -0.25 0.00	28.96 -0.02 0.00	29.60 0.08 0.00	30.98 0.10 0.00	27.94 0.11 0.00	25.95 0.09 0.00	13.01 0.06 0.00	15.93 0.08 0.00	15.24 0.06 0.00	17.69 0.07 0.00	32.86 0.06 0.00	40.44 -0.04 0.00	29.13 -0.13 0.00	28.39 -0.09 0.00	35.32 0.09 0.00	41.59 0.13 0.00	33.89 0.09 0.00
HQ_GEN_WHEEL 23651	32.52 0.15 0.00	37.94 0.17 0.00	40.55 0.16 0.00	38.13 0.15 0.00	40.96 0.15 0.00	43.72 0.19 0.00	49.58 -0.20 0.00	39.18 -0.25 0.00	28.96 -0.02 0.00	29.60 0.08 0.00	30.98 0.10 0.00	27.94 0.11 0.00	25.95 0.09 0.00	13.01 0.06 0.00	15.93 0.08 0.00	15.24 0.06 0.00	17.69 0.07 0.00	32.86 0.06 0.00	40.44 -0.04 0.00	29.13 -0.13 0.00	28.39 -0.09 0.00	35.32 0.09 0.00	41.59 0.13 0.00	33.89 0.09 0.00
HUDSON_AVE_GT_3 23810	34.06 1.68 0.00	39.53 1.75 0.00	42.11 1.72 0.00	39.63 1.66 0.00	42.62 1.80 0.00	45.70 2.16 0.00	52.69 2.91 0.00	57.72 2.65 -15.65	55.46 1.68 -24.79	65.47 1.62 -34.32	66.32 1.79 -33.66	98.20 1.65 -68.71	101.25 1.47 -73.93	71.15 0.69 -57.51	63.82 0.77 -47.21	74.56 0.79 -58.60	96.11 0.95 -77.54	97.22 1.81 -62.61	87.14 2.48 -44.18	63.70 1.92 -32.52	54.16 1.93 -23.76	53.95 2.16 -16.56	55.75 2.46 -11.83	54.17 2.08 -18.30
HUDSON_AVE_GT_4 23540	34.06 1.68 0.00	39.53 1.75 0.00	42.11 1.72 0.00	39.63 1.66 0.00	42.62 1.80 0.00	45.70 2.16 0.00	52.69 2.91 0.00	57.72 2.65 -15.65	55.46 1.68 -24.79	65.47 1.62 -34.32	66.32 1.79 -33.66	98.20 1.65 -68.71	101.25 1.47 -73.93	71.15 0.69 -57.51	63.82 0.77 -47.21	74.56 0.79 -58.60	96.11 0.95 -77.54	97.22 1.81 -62.61	87.14 2.48 -44.18	63.70 1.92 -32.52	54.16 1.93 -23.76	53.95 2.16 -16.56	55.75 2.46 -11.83	54.17 2.08 -18.30
HUDSON_AVE_GT_5 23657	34.06 1.68 0.00	39.53 1.75 0.00	42.11 1.72 0.00	39.63 1.66 0.00	42.62 1.80 0.00	45.70 2.16 0.00	52.69 2.91 0.00	57.72 2.65 -15.65	55.46 1.68 -24.79	65.47 1.62 -34.32	66.32 1.79 -33.66	98.20 1.65 -68.71	101.25 1.47 -73.93	71.15 0.69 -57.51	63.82 0.77 -47.21	74.56 0.79 -58.60	96.11 0.95 -77.54	97.22 1.81 -62.61	87.14 2.48 -44.18	63.70 1.92 -32.52	54.16 1.93 -23.76	53.95 2.16 -16.56	55.75 2.46 -11.83	54.17 2.08 -18.30
HUDSON_AVE_10 24168	33.95 1.58 0.00	39.43 1.65 0.00	42.00 1.62 0.00	39.53 1.55 0.00	42.46 1.65 0.00	45.58 1.98 -0.06	53.72 2.70 -1.25	60.53 2.50 -18.61	55.47 1.61 -24.87	65.45 1.54 -34.39	66.22 1.69 -33.66	98.09 1.55 -68.71	101.17 1.39 -73.93	71.11 0.65 -57.51	63.78 0.73 -47.21	74.51 0.74 -58.60	96.06 0.90 -77.54	97.13 1.72 -62.61	87.03 2.38 -44.18	63.63 1.85 -32.52	54.10 1.87 -23.76	53.87 2.07 -16.56	55.67 2.38 -11.83	54.12 2.02 -18.30
HUDSON___115KV_TB 4 355613	33.24 0.86 0.00	38.78 1.00 0.00	41.39 1.00 0.00	38.98 1.00 0.00	41.94 1.12 0.00	44.76 1.22 0.00	51.55 1.77 0.00	40.71 1.28 0.00	29.79 0.80 0.00	30.55 1.03 0.00	31.61 0.74 0.00	28.39 0.55 0.00	26.52 0.67 0.00	13.17 0.23 0.00	16.07 0.23 0.00	15.38 0.21 0.00	17.86 0.24 0.00	33.52 0.72 0.00	41.75 1.28 0.00	30.43 1.17 0.00	29.62 1.15 0.00	36.54 1.30 0.00	42.80 1.34 0.00	34.90 1.11 0.00
HUNTER MOUNT___DRP 323613	33.38 1.01 0.00	38.96 1.18 0.00	41.57 1.19 0.00	39.16 1.18 0.00	42.15 1.33 0.00	44.97 1.43 0.00	51.81 2.03 0.00	40.89 1.46 0.00	29.90 0.91 0.00	30.50 0.98 0.00	31.58 0.71 0.00	28.34 0.51 0.00	26.50 0.64 0.00	13.18 0.23 0.00	16.08 0.23 0.00	15.38 0.20 0.00	17.87 0.25 0.00	33.58 0.78 0.00	41.87 1.40 0.00	30.53 1.27 0.00	29.72 1.24 0.00	36.65 1.42 0.00	42.93 1.47 0.00	34.99 1.20 0.00
HUNTINGTON_RES_REC 323705	33.54 1.16 0.00	39.03 1.25 0.00	41.48 1.10 0.00	38.85 0.88 0.00	41.64 0.82 0.00	44.54 1.09 0.08	49.53 1.45 1.70	34.92 1.81 6.32	28.81 1.01 1.19	28.91 0.97 1.58	30.64 1.61 1.84	24.92 1.57 4.48	21.19 1.13 5.80	10.67 0.36 2.64	14.04 0.25 2.05	13.05 0.42 2.55	14.74 0.49 3.37	31.13 1.04 2.72	40.44 1.89 1.92	29.36 1.51 1.41	29.17 1.72 1.03	36.35 1.83 0.72	42.78 1.84 0.51	34.75 1.75 0.79
HUNTLEY___63 23557	30.70 -1.67 0.00	35.79 -2.00 0.00	38.48 -1.91 0.00	36.04 -1.94 0.00	38.25 -2.57 0.00	40.80 -2.73 0.00	46.39 -3.39 0.00	36.15 -3.27 0.00	26.93 -2.06 0.00	27.88 -1.64 0.00	29.34 -1.53 0.00	26.28 -1.55 0.00	24.35 -1.50 0.00	12.48 -0.47 0.00	15.37 -0.47 0.00	14.50 -0.68 0.00	16.75 -0.87 0.00	30.50 -2.30 0.00	36.99 -3.48 0.00	26.91 -2.35 0.00	26.08 -2.39 0.00	32.31 -2.93 0.00	38.60 -2.86 0.00	31.31 -2.48 0.00
HUNTLEY___64 23558	30.70 -1.67 0.00	35.79 -2.00 0.00	38.48 -1.91 0.00	36.04 -1.94 0.00	38.25 -2.57 0.00	40.80 -2.73 0.00	46.39 -3.39 0.00	36.15 -3.27 0.00	26.93 -2.06 0.00	27.88 -1.64 0.00	29.34 -1.53 0.00	26.28 -1.55 0.00	24.35 -1.50 0.00	12.48 -0.47 0.00	15.37 -0.47 0.00	14.50 -0.68 0.00	16.75 -0.87 0.00	30.50 -2.30 0.00	36.99 -3.48 0.00	26.91 -2.35 0.00	26.08 -2.39 0.00	32.31 -2.93 0.00	38.60 -2.86 0.00	31.31 -2.48 0.00
HUNTLEY___65 23559	30.70 -1.67 0.00	35.79 -2.00 0.00	38.48 -1.91 0.00	36.04 -1.94 0.00	38.25 -2.57 0.00	40.80 -2.73 0.00	46.39 -3.39 0.00	36.15 -3.27 0.00	26.93 -2.06 0.00	27.88 -1.64 0.00	29.34 -1.53 0.00	26.28 -1.55 0.00	24.35 -1.50 0.00	12.48 -0.47 0.00	15.37 -0.47 0.00	14.50 -0.68 0.00	16.75 -0.87 0.00	30.50 -2.30 0.00	36.99 -3.48 0.00	26.91 -2.35 0.00	26.08 -2.39 0.00	32.31 -2.93 0.00	38.60 -2.86 0.00	31.31 -2.48 0.00
HUNTLEY___66 23560	30.70 -1.67 0.00	35.79 -2.00 0.00	38.48 -1.91 0.00	36.04 -1.94 0.00	38.25 -2.57 0.00	40.80 -2.73 0.00	46.39 -3.39 0.00	36.15 -3.27 0.00	26.93 -2.06 0.00	27.88 -1.64 0.00	29.34 -1.53 0.00	26.28 -1.55 0.00	24.35 -1.50 0.00	12.48 -0.47 0.00	15.37 -0.47 0.00	14.50 -0.68 0.00	16.75 -0.87 0.00	30.50 -2.30 0.00	36.99 -3.48 0.00	26.91 -2.35 0.00	26.08 -2.39 0.00	32.31 -2.93 0.00	38.60 -2.86 0.00	31.31 -2.48 0.00

HUNTLEY___67 23561	30.66 -1.72 0.00	35.75 -2.03 0.00	38.44 -1.95 0.00	35.99 -1.99 0.00	38.17 -2.65 0.00	40.66 -2.87 0.00	46.06 -3.72 0.00	35.90 -3.53 0.00	26.74 -2.25 0.00	27.76 -1.76 0.00	29.25 -1.62 0.00	26.23 -1.61 0.00	24.32 -1.54 0.00	12.43 -0.52 0.00	15.31 -0.53 0.00	14.44 -0.73 0.00	16.70 -0.91 0.00	30.43 -2.38 0.00	36.91 -3.57 0.00	26.82 -2.45 0.00	25.97 -2.51 0.00	32.18 -3.06 0.00	38.42 -3.04 0.00	31.20 -2.59 0.00
HUNTLEY___68 23562	30.66 -1.72 0.00	35.75 -2.03 0.00	38.44 -1.95 0.00	35.99 -1.99 0.00	38.17 -2.65 0.00	40.66 -2.87 0.00	46.06 -3.72 0.00	35.90 -3.53 0.00	26.74 -2.25 0.00	27.76 -1.76 0.00	29.25 -1.62 0.00	26.23 -1.61 0.00	24.32 -1.54 0.00	12.43 -0.52 0.00	15.31 -0.53 0.00	14.44 -0.73 0.00	16.70 -0.91 0.00	30.43 -2.38 0.00	36.91 -3.57 0.00	26.82 -2.45 0.00	25.97 -2.51 0.00	32.18 -3.06 0.00	38.42 -3.04 0.00	31.20 -2.59 0.00
HYLAND___LFG 323620	33.03 0.66 0.00	38.53 0.75 0.00	41.32 0.94 0.00	38.66 0.68 0.00	41.37 0.56 0.00	44.22 0.68 0.00	50.83 1.06 0.00	40.12 0.69 0.00	29.44 0.45 0.00	29.65 0.13 0.00	30.90 0.03 0.00	27.21 -0.63 0.00	25.02 -0.83 0.00	12.65 -0.30 0.00	15.54 -0.31 0.00	14.84 -0.33 0.00	17.18 -0.44 0.00	32.48 -0.32 0.00	40.33 -0.14 0.00	29.38 0.12 0.00	28.58 0.11 0.00	35.10 -0.14 0.00	41.33 -0.13 0.00	33.46 -0.33 0.00
INDECK___CORINTH 23802	33.81 1.44 0.00	39.51 1.73 0.00	42.16 1.77 0.00	39.57 1.59 0.00	42.75 1.94 0.00	45.74 2.21 0.00	52.60 2.82 0.00	41.58 2.15 0.00	30.15 1.17 0.00	30.45 0.92 0.00	31.87 1.00 0.00	28.71 0.87 0.00	26.64 0.78 0.00	13.41 0.46 0.00	16.29 0.44 0.00	15.48 0.31 0.00	17.96 0.34 0.00	33.60 0.79 0.00	41.06 0.59 0.00	29.69 0.43 0.00	28.91 0.43 0.00	35.86 0.63 0.00	43.16 1.70 0.00	35.71 1.91 0.00
INDECK___ILION 23567	31.86 -0.51 0.00	37.34 -0.44 0.00	39.84 -0.54 0.00	37.68 -0.30 0.00	40.72 -0.09 0.00	43.46 -0.08 0.00	50.24 0.47 0.00	39.75 0.33 0.00	28.76 -0.23 0.00	28.84 -0.68 0.00	29.88 -0.99 0.00	26.79 -1.05 0.00	24.88 -0.98 0.00	12.40 -0.54 0.00	15.06 -0.78 0.00	14.35 -0.83 0.00	16.83 -0.78 0.00	32.89 0.09 0.00	41.06 0.59 0.00	30.11 0.85 0.00	29.25 0.78 0.00	35.92 0.68 0.00	42.08 0.62 0.00	34.24 0.45 0.00
INDECK___OLEAN 23982	32.59 0.22 0.00	38.09 0.31 0.00	40.79 0.40 0.00	38.16 0.18 0.00	40.63 -0.18 0.00	43.30 -0.24 0.00	49.70 -0.08 0.00	39.08 -0.35 0.00	28.69 -0.29 0.00	29.57 0.05 0.00	31.08 0.21 0.00	27.98 0.15 0.00	25.92 0.07 0.00	13.14 0.20 0.00	16.09 0.24 0.00	15.24 0.07 0.00	17.68 0.06 0.00	32.51 -0.30 0.00	39.53 -0.94 0.00	28.55 -0.71 0.00	27.67 -0.80 0.00	34.03 -1.20 0.00	40.76 -0.70 0.00	33.14 -0.66 0.00
INDECK___OSWEGO 23783	31.59 -0.78 0.00	36.86 -0.92 0.00	39.41 -0.97 0.00	37.03 -0.95 0.00	39.80 -1.01 0.00	42.47 -1.06 0.00	48.77 -1.01 0.00	38.65 -0.78 0.00	28.38 -0.61 0.00	28.88 -0.64 0.00	30.19 -0.68 0.00	27.15 -0.68 0.00	25.21 -0.65 0.00	12.61 -0.34 0.00	15.43 -0.42 0.00	14.77 -0.41 0.00	17.22 -0.40 0.00	32.03 -0.77 0.00	39.57 -0.90 0.00	28.66 -0.60 0.00	27.85 -0.63 0.00	34.33 -0.91 0.00	40.39 -1.07 0.00	32.88 -0.91 0.00
INDECK___YERKES 23781	30.72 -1.65 0.00	35.81 -1.97 0.00	38.51 -1.87 0.00	36.07 -1.91 0.00	38.30 -2.52 0.00	40.85 -2.68 0.00	46.47 -3.30 0.00	36.25 -3.17 0.00	26.97 -2.02 0.00	27.93 -1.59 0.00	29.38 -1.49 0.00	26.36 -1.47 0.00	24.40 -1.46 0.00	12.48 -0.47 0.00	15.38 -0.47 0.00	14.52 -0.66 0.00	16.77 -0.85 0.00	30.57 -2.23 0.00	37.02 -3.45 0.00	26.95 -2.31 0.00	26.14 -2.34 0.00	32.31 -2.93 0.00	38.63 -2.83 0.00	31.37 -2.43 0.00
INDIAN POINT_GT_1 24139	33.64 1.26 0.00	39.09 1.31 0.00	41.68 1.29 0.00	39.23 1.25 0.00	42.17 1.36 0.00	45.20 1.66 0.00	52.12 2.35 0.00	42.53 2.12 -0.99	30.28 1.30 0.00	30.74 1.22 0.00	32.56 1.34 -0.35	30.31 1.24 -1.23	26.98 1.12 0.00	13.47 0.51 0.00	16.41 0.56 0.00	15.77 0.60 0.00	18.35 0.73 0.00	34.23 1.42 0.00	42.49 2.01 0.00	30.82 1.56 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.43 1.63 0.00
INDIAN POINT_GT_2 23659	33.64 1.26 0.00	39.09 1.31 0.00	41.68 1.29 0.00	39.23 1.25 0.00	42.17 1.36 0.00	45.20 1.66 0.00	52.12 2.35 0.00	42.53 2.12 -0.99	30.28 1.30 0.00	30.74 1.22 0.00	32.56 1.34 -0.35	30.31 1.24 -1.23	26.98 1.12 0.00	13.47 0.51 0.00	16.41 0.56 0.00	15.77 0.60 0.00	18.35 0.73 0.00	34.23 1.42 0.00	42.49 2.01 0.00	30.82 1.56 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.43 1.63 0.00
INDIAN POINT_GT_3 24019	33.64 1.26 0.00	39.09 1.31 0.00	41.68 1.29 0.00	39.23 1.25 0.00	42.17 1.36 0.00	45.20 1.66 0.00	52.12 2.35 0.00	42.53 2.12 -0.99	30.28 1.30 0.00	30.74 1.22 0.00	32.56 1.34 -0.35	30.31 1.24 -1.23	26.98 1.12 0.00	13.47 0.51 0.00	16.41 0.56 0.00	15.77 0.60 0.00	18.35 0.73 0.00	34.23 1.42 0.00	42.49 2.01 0.00	30.82 1.56 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.43 1.63 0.00
INDIAN POINT___2 23530	33.77 1.40 0.00	39.25 1.46 0.00	41.83 1.45 0.00	39.37 1.39 0.00	42.33 1.51 0.00	45.35 1.82 0.00	52.27 2.49 0.00	43.32 2.23 -1.67	31.08 1.40 -0.69	31.81 1.34 -0.96	33.50 1.49 -1.14	31.85 1.39 -2.64	29.17 1.24 -2.07	15.13 0.58 -1.61	17.80 0.63 -1.32	17.48 0.66 -1.64	20.59 0.80 -2.17	36.09 1.54 -1.75	43.87 2.16 -1.24	31.83 1.67 -0.91	30.81 1.67 -0.66	37.56 1.86 -0.46	43.88 2.09 -0.33	36.08 1.78 -0.51
INDIAN POINT___3 23531	33.51 1.13 0.00	38.94 1.16 0.00	41.52 1.14 0.00	39.11 1.13 0.00	42.04 1.23 0.00	45.06 1.52 0.00	51.94 2.16 0.00	42.25 1.96 -0.86	30.17 1.19 0.00	30.62 1.10 0.00	32.39 1.22 -0.31	30.06 1.15 -1.08	26.89 1.04 0.00	13.42 0.47 0.00	16.36 0.52 0.00	15.73 0.56 0.00	18.31 0.69 0.00	34.13 1.33 0.00	42.36 1.89 0.00	30.70 1.44 0.00	29.91 1.43 0.00	36.80 1.57 0.00	43.21 1.75 0.00	35.30 1.51 0.00
INGHAM_C_115KV_TB7 356103	31.73 -0.64 0.00	37.18 -0.60 0.00	39.68 -0.71 0.00	37.52 -0.46 0.00	40.55 -0.27 0.00	43.26 -0.27 0.00	50.02 0.25 0.00	39.56 0.13 0.00	28.57 -0.42 0.00	28.60 -0.92 0.00	29.60 -1.27 0.00	26.55 -1.29 0.00	24.65 -1.20 0.00	12.28 -0.67 0.00	14.91 -0.94 0.00	14.19 -0.98 0.00	16.66 -0.96 0.00	32.71 -0.09 0.00	40.89 0.42 0.00	30.01 0.75 0.00	29.17 0.70 0.00	35.82 0.58 0.00	41.97 0.51 0.00	34.16 0.37 0.00
IP CORINTH___1 23988	33.82 1.44 0.00	39.51 1.73 0.00	42.16 1.77 0.00	39.57 1.59 0.00	42.75 1.94 0.00	45.74 2.21 0.00	52.61 2.83 0.00	41.58 2.16 0.00	30.16 1.17 0.00	30.44 0.92 0.00	31.87 1.00 0.00	28.71 0.88 0.00	26.64 0.78 0.00	13.41 0.46 0.00	16.29 0.44 0.00	15.50 0.32 0.00	18.00 0.38 0.00	33.72 0.92 0.00	41.29 0.81 0.00	29.85 0.58 0.00	29.06 0.59 0.00	36.05 0.81 0.00	43.20 1.74 0.00	35.71 1.91 0.00

IP__TICONDEROGA 23804	34.83 2.45 0.00	40.87 3.09 0.00	43.36 2.97 0.00	40.68 2.70 0.00	44.20 3.38 0.00	47.89 4.36 0.00	54.83 5.05 0.00	43.20 3.77 0.00	30.84 1.86 0.00	30.78 1.26 0.00	32.07 1.20 0.00	28.94 1.11 0.00	26.73 0.87 0.00	13.55 0.60 0.00	16.60 0.76 0.00	15.87 0.70 0.00	18.46 0.84 0.00	34.66 1.86 0.00	42.67 2.19 0.00	30.80 1.54 0.00	30.02 1.55 0.00	37.32 2.08 0.00	44.03 2.57 0.00	36.58 2.78 0.00
ISLIP_RES_REC 323679	34.09 1.72 0.00	39.63 1.85 0.00	42.05 1.66 0.00	39.42 1.45 0.00	42.27 1.45 0.00	45.28 1.82 0.08	50.39 2.29 1.68	35.62 2.48 6.29	29.30 1.50 1.19	29.38 1.44 1.58	31.09 2.06 1.84	25.34 1.97 4.46	21.68 1.49 5.66	10.85 0.54 2.63	14.25 0.46 2.05	13.25 0.62 2.55	15.01 0.76 3.37	31.63 1.55 2.72	41.12 2.57 1.92	29.84 1.99 1.41	29.69 2.24 1.03	36.98 2.46 0.72	43.49 2.55 0.51	35.28 2.29 0.79
JAMAICA__27_KV_LOAD 355505	33.87 1.49 0.00	39.32 1.54 0.00	41.87 1.48 0.00	39.40 1.43 0.00	42.30 1.48 0.00	45.35 1.77 -0.05	53.58 2.49 -1.32	61.22 2.44 -19.35	55.52 1.64 -24.90	65.47 1.54 -34.41	66.19 1.66 -33.66	98.04 1.50 -68.71	101.19 1.41 -73.93	71.11 0.65 -57.51	63.79 0.74 -47.21	74.51 0.73 -58.60	96.06 0.90 -77.54	97.15 1.74 -62.61	87.04 2.39 -44.18	63.68 1.89 -32.52	54.15 1.92 -23.76	53.93 2.14 -16.56	55.80 2.51 -11.83	54.20 2.11 -18.30
JANIS__SOLAR 323808	33.49 1.12 0.00	39.20 1.41 0.00	42.03 1.64 0.00	39.49 1.52 0.00	42.48 1.66 0.00	45.52 1.98 0.00	53.13 3.35 0.00	46.50 7.07 0.00	32.98 3.99 0.00	32.49 2.97 0.00	33.66 2.79 0.00	30.22 2.39 0.00	27.21 1.35 0.00	13.04 0.09 0.00	15.99 0.14 0.00	15.14 -0.03 0.00	17.98 0.36 0.00	33.47 0.67 0.00	41.65 1.17 0.00	30.32 1.06 0.00	29.31 0.83 0.00	35.88 0.64 0.00	42.18 0.72 0.00	34.27 0.48 0.00
JARVIS____ 23743	32.35 -0.02 0.00	37.76 -0.02 0.00	40.36 -0.03 0.00	37.94 -0.04 0.00	40.82 0.00 0.00	43.52 -0.01 0.00	49.91 0.14 0.00	39.58 0.15 0.00	29.05 0.06 0.00	29.52 0.00 0.00	30.84 -0.03 0.00	27.82 -0.02 0.00	25.86 0.01 0.00	12.94 -0.01 0.00	15.82 -0.03 0.00	15.16 -0.02 0.00	17.60 -0.02 0.00	32.84 0.04 0.00	40.58 0.10 0.00	29.37 0.11 0.00	28.56 0.09 0.00	35.27 0.03 0.00	41.47 0.01 0.00	33.81 0.02 0.00
JENNISON__1 23625	33.24 0.87 0.00	39.05 1.27 0.00	42.00 1.62 0.00	39.49 1.51 0.00	42.58 1.77 0.00	45.64 2.10 0.00	52.90 3.12 0.00	42.98 3.55 0.00	31.05 2.06 0.00	31.26 1.73 0.00	32.69 1.82 0.00	29.39 1.56 0.00	26.95 1.09 0.00	13.22 0.27 0.00	16.12 0.27 0.00	15.32 0.14 0.00	17.94 0.32 0.00	33.56 0.76 0.00	41.57 1.10 0.00	30.20 0.94 0.00	29.03 0.55 0.00	35.56 0.32 0.00	41.65 0.19 0.00	33.75 -0.05 0.00
JENNISON__2 23626	33.24 0.87 0.00	39.05 1.27 0.00	42.00 1.62 0.00	39.49 1.51 0.00	42.58 1.77 0.00	45.64 2.10 0.00	52.90 3.12 0.00	42.98 3.55 0.00	31.05 2.06 0.00	31.26 1.73 0.00	32.69 1.82 0.00	29.39 1.56 0.00	26.95 1.09 0.00	13.22 0.27 0.00	16.12 0.27 0.00	15.32 0.14 0.00	17.94 0.32 0.00	33.56 0.76 0.00	41.57 1.10 0.00	30.20 0.94 0.00	29.03 0.55 0.00	35.56 0.32 0.00	41.65 0.19 0.00	33.75 -0.05 0.00
JERICHO_RISE_WT_PWR 323719	32.43 0.05 0.00	38.07 0.29 0.00	40.60 0.21 0.00	38.30 0.32 0.00	41.19 0.38 0.00	44.09 0.56 0.00	50.21 0.44 0.00	39.50 0.08 0.00	29.19 0.21 0.00	29.91 0.39 0.00	31.39 0.52 0.00	28.32 0.49 0.00	26.30 0.44 0.00	13.19 0.24 0.00	16.13 0.29 0.00	15.38 0.21 0.00	17.84 0.23 0.00	32.94 0.14 0.00	40.47 0.00 0.00	29.26 0.00 0.00	28.50 0.02 0.00	35.82 0.58 0.00	42.18 0.72 0.00	34.21 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	33.77 1.39 0.00	39.25 1.47 0.00	41.85 1.46 0.00	39.41 1.43 0.00	42.37 1.56 0.00	45.43 1.89 0.00	52.38 2.61 0.00	41.74 2.31 0.00	30.43 1.44 0.00	30.88 1.36 0.00	32.35 1.48 0.00	29.20 1.36 0.00	27.09 1.24 0.00	13.52 0.57 0.00	16.48 0.63 0.00	15.83 0.66 0.00	18.42 0.80 0.00	34.36 1.56 0.00	42.66 2.19 0.00	30.95 1.69 0.00	30.15 1.67 0.00	37.09 1.85 0.00	43.52 2.06 0.00	35.53 1.74 0.00
KCE_NY_1 323755	33.53 1.15 0.00	39.17 1.39 0.00	41.89 1.51 0.00	39.31 1.34 0.00	42.42 1.60 0.00	45.37 1.83 0.00	52.13 2.35 0.00	41.21 1.79 0.00	30.01 1.02 0.00	30.41 0.88 0.00	31.76 0.89 0.00	28.58 0.75 0.00	26.57 0.71 0.00	13.31 0.36 0.00	16.24 0.39 0.00	15.52 0.35 0.00	18.12 0.50 0.00	33.97 1.17 0.00	41.82 1.34 0.00	30.30 1.04 0.00	29.47 0.99 0.00	36.51 1.27 0.00	43.12 1.66 0.00	35.37 1.57 0.00
KCE_NY_6_ESR 323823	31.22 -1.15 0.00	36.40 -1.38 0.00	39.15 -1.24 0.00	36.65 -1.32 0.00	38.93 -1.89 0.00	41.48 -2.05 0.00	47.38 -2.40 0.00	37.07 -2.36 0.00	27.45 -1.53 0.00	28.29 -1.23 0.00	29.78 -1.09 0.00	26.70 -1.13 0.00	24.72 -1.14 0.00	12.60 -0.35 0.00	15.53 -0.32 0.00	14.65 -0.53 0.00	16.98 -0.64 0.00	31.06 -1.74 0.00	37.63 -2.85 0.00	27.32 -1.94 0.00	26.43 -2.04 0.00	32.67 -2.57 0.00	38.94 -2.52 0.00	31.66 -2.13 0.00
KEDC_PORT_JEFF_GT2 24210	33.95 1.58 0.00	39.46 1.67 0.00	41.88 1.50 0.00	39.24 1.27 0.00	42.09 1.28 0.00	45.09 1.63 0.08	50.12 2.05 1.71	35.37 2.29 6.34	29.17 1.37 1.19	29.25 1.31 1.58	30.96 1.94 1.84	25.19 1.85 4.49	21.38 1.39 5.87	10.79 0.48 2.65	14.19 0.39 2.05	13.19 0.56 2.55	14.94 0.69 3.37	31.49 1.40 2.72	40.92 2.37 1.92	29.69 1.84 1.41	29.55 2.11 1.03	36.81 2.30 0.72	43.31 2.36 0.51	35.14 2.14 0.79
KEDC_PORT_JEFF_GT3 24211	33.95 1.58 0.00	39.46 1.67 0.00	41.88 1.50 0.00	39.24 1.27 0.00	42.09 1.28 0.00	45.09 1.63 0.08	50.12 2.05 1.71	35.37 2.29 6.34	29.17 1.37 1.19	29.25 1.31 1.58	30.96 1.94 1.84	25.19 1.85 4.49	21.38 1.39 5.87	10.79 0.48 2.65	14.19 0.39 2.05	13.19 0.56 2.55	14.94 0.69 3.37	31.49 1.40 2.72	40.92 2.37 1.92	29.69 1.84 1.41	29.55 2.11 1.03	36.81 2.30 0.72	43.31 2.36 0.51	35.14 2.14 0.79
KEDC_GLWD_GT4 24219	33.85 1.48 0.00	39.34 1.56 0.00	41.89 1.50 0.00	39.37 1.39 0.00	42.28 1.47 0.00	45.33 1.79 0.00	52.16 2.38 0.00	39.44 2.31 2.29	29.36 1.47 1.09	29.48 1.45 1.49	31.03 1.80 1.64	26.26 1.67 3.24	29.80 1.42 -2.52	11.38 0.62 2.18	14.43 0.64 2.05	13.27 0.64 2.55	15.04 0.80 3.37	31.73 1.65 2.72	40.95 2.40 1.92	29.70 1.85 1.41	29.34 1.89 1.03	36.60 2.08 0.72	43.21 2.27 0.51	35.00 2.00 0.79
KEDC_GLWD_GT5 24220	33.85 1.48 0.00	39.34 1.56 0.00	41.89 1.50 0.00	39.37 1.39 0.00	42.28 1.47 0.00	45.33 1.79 0.00	52.16 2.38 0.00	39.44 2.31 2.29	29.36 1.47 1.09	29.48 1.45 1.49	31.03 1.80 1.64	26.26 1.67 3.24	29.80 1.42 -2.52	11.38 0.62 2.18	14.43 0.64 2.05	13.27 0.64 2.55	15.04 0.80 3.37	31.73 1.65 2.72	40.95 2.40 1.92	29.70 1.85 1.41	29.34 1.89 1.03	36.60 2.08 0.72	43.21 2.27 0.51	35.00 2.00 0.79

KENSICO____ 23655	33.74 1.36 0.00	39.20 1.42 0.00	41.78 1.39 0.00	39.33 1.36 0.00	42.29 1.47 0.00	45.31 1.78 0.00	52.24 2.46 0.00	42.88 2.22 -1.23	30.94 1.38 -0.58	31.62 1.30 -0.80	33.26 1.44 -0.95	31.38 1.35 -2.20	28.79 1.21 -1.72	14.85 0.56 -1.34	17.55 0.61 -1.10	17.18 0.64 -1.36	20.20 0.78 -1.80	35.77 1.51 -1.46	43.62 2.12 -1.03	31.65 1.64 -0.76	30.67 1.64 -0.55	37.43 1.81 -0.38	43.77 2.04 -0.27	35.95 1.73 -0.43
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.88 1.51 0.00	39.41 1.63 0.00	42.05 1.67 0.00	39.60 1.62 0.00	42.57 1.76 0.00	45.60 2.06 0.00	52.58 2.80 0.00	41.86 2.43 0.00	30.56 1.57 0.00	30.92 1.40 0.00	32.29 1.43 0.00	29.12 1.29 0.00	27.03 1.17 0.00	13.45 0.50 0.00	16.37 0.53 0.00	15.75 0.57 0.00	18.35 0.73 0.00	34.35 1.55 0.00	42.74 2.27 0.00	31.05 1.79 0.00	30.26 1.78 0.00	37.22 1.99 0.00	43.66 2.20 0.00	35.60 1.80 0.00
KIAC_JFK_GT1 23816	33.68 1.30 0.00	39.10 1.32 0.00	41.64 1.26 0.00	39.18 1.21 0.00	42.03 1.22 0.00	44.94 1.36 -0.05	53.10 2.01 -1.32	60.83 2.05 -19.35	55.24 1.36 -24.90	65.19 1.26 -34.41	65.90 1.37 -33.66	97.77 1.22 -68.71	100.93 1.15 -73.93	70.99 0.53 -57.51	63.64 0.59 -47.21	74.37 0.59 -58.60	95.89 0.73 -77.54	96.84 1.44 -62.61	86.66 2.01 -44.18	63.39 1.61 -32.52	53.87 1.64 -23.76	53.58 1.79 -16.56	55.54 2.24 -11.83	54.00 1.91 -18.30
KIAC_JFK_GT2 23817	33.68 1.30 0.00	39.10 1.32 0.00	41.64 1.26 0.00	39.18 1.21 0.00	42.03 1.22 0.00	44.94 1.36 -0.05	53.10 2.01 -1.32	60.83 2.05 -19.35	55.24 1.36 -24.90	65.19 1.26 -34.41	65.90 1.37 -33.66	97.77 1.22 -68.71	100.93 1.15 -73.93	70.99 0.53 -57.51	63.64 0.59 -47.21	74.37 0.59 -58.60	95.89 0.73 -77.54	96.84 1.44 -62.61	86.66 2.01 -44.18	63.39 1.61 -32.52	53.87 1.64 -23.76	53.58 1.79 -16.56	55.54 2.24 -11.83	54.00 1.91 -18.30
KIAC_JFK____ 323774	33.68 1.30 0.00	39.10 1.32 0.00	41.64 1.25 0.00	39.18 1.21 0.00	42.03 1.21 0.00	44.93 1.34 -0.05	53.06 1.97 -1.32	60.83 2.05 -19.35	55.24 1.36 -24.90	65.20 1.27 -34.41	65.89 1.35 -33.66	97.76 1.22 -68.71	100.93 1.15 -73.93	70.97 0.51 -57.51	63.62 0.56 -47.21	74.35 0.58 -58.60	95.89 0.73 -77.54	96.84 1.43 -62.61	86.63 1.98 -44.18	63.38 1.60 -32.52	53.87 1.64 -23.76	53.56 1.77 -16.56	55.52 2.23 -11.83	53.99 1.89 -18.30
KINTIGH____ 23543	30.91 -1.46 0.00	36.04 -1.74 0.00	38.68 -1.71 0.00	36.25 -1.72 0.00	38.60 -2.22 0.00	41.20 -2.34 0.00	46.95 -2.83 0.00	36.79 -2.64 0.00	27.27 -1.72 0.00	28.14 -1.38 0.00	29.57 -1.30 0.00	26.51 -1.32 0.00	24.58 -1.27 0.00	12.51 -0.44 0.00	15.38 -0.46 0.00	14.58 -0.60 0.00	16.87 -0.75 0.00	30.91 -1.89 0.00	37.66 -2.82 0.00	27.32 -1.94 0.00	26.51 -1.97 0.00	32.80 -2.44 0.00	39.04 -2.42 0.00	31.72 -2.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.79 0.42 0.00	38.49 0.71 0.00	41.03 0.64 0.00	38.68 0.70 0.00	41.67 0.86 0.00	44.59 1.05 0.00	50.95 1.17 0.00	40.08 0.66 0.00	29.47 0.48 0.00	30.15 0.64 0.00	31.68 0.82 0.00	28.58 0.75 0.00	26.54 0.68 0.00	13.31 0.36 0.00	16.28 0.43 0.00	15.53 0.36 0.00	18.06 0.44 0.00	33.38 0.58 0.00	41.05 0.57 0.00	29.71 0.45 0.00	28.93 0.45 0.00	36.30 1.06 0.00	42.68 1.23 0.00	34.62 0.83 0.00
LACHUTE__HYDRO 323717	34.83 2.45 0.00	40.87 3.09 0.00	43.36 2.97 0.00	40.67 2.70 0.00	44.19 3.38 0.00	47.89 4.36 0.00	54.82 5.04 0.00	43.20 3.77 0.00	30.84 1.86 0.00	30.78 1.27 0.00	32.07 1.20 0.00	28.94 1.11 0.00	26.72 0.87 0.00	13.56 0.61 0.00	16.60 0.76 0.00	15.87 0.70 0.00	18.46 0.84 0.00	34.66 1.86 0.00	42.67 2.19 0.00	30.80 1.54 0.00	30.02 1.55 0.00	37.32 2.09 0.00	44.03 2.57 0.00	36.57 2.78 0.00
LAWRNCV_115KV_TB1 80681	32.31 -0.06 0.00	37.65 -0.13 0.00	40.20 -0.18 0.00	37.78 -0.20 0.00	40.69 -0.13 0.00	43.47 -0.07 0.00	49.06 -0.72 0.00	38.63 -0.80 0.00	28.68 -0.31 0.00	29.29 -0.23 0.00	30.61 -0.26 0.00	27.64 -0.20 0.00	25.67 -0.18 0.00	12.90 -0.04 0.00	15.78 -0.07 0.00	15.03 -0.14 0.00	17.52 -0.10 0.00	32.59 -0.21 0.00	40.10 -0.38 0.00	28.95 -0.31 0.00	28.25 -0.23 0.00	35.15 -0.09 0.00	41.36 -0.10 0.00	33.63 -0.16 0.00
LEDERLE____ 23769	33.54 1.17 0.00	38.96 1.18 0.00	41.55 1.17 0.00	39.14 1.17 0.00	42.09 1.28 0.00	45.13 1.60 0.00	52.09 2.31 0.00	41.89 2.07 -0.40	30.27 1.29 0.00	30.72 1.20 0.00	32.16 1.29 0.00	29.08 1.25 0.00	26.99 1.14 0.00	13.47 0.52 0.00	16.43 0.58 0.00	15.81 0.63 0.00	18.42 0.80 0.00	34.36 1.56 0.00	42.60 2.13 0.00	30.82 1.56 0.00	30.02 1.54 0.00	36.91 1.67 0.00	43.34 1.88 0.00	35.40 1.60 0.00
LIGHTHSE_115KV_TB6 355974	31.73 -0.65 0.00	36.93 -0.85 0.00	39.47 -0.91 0.00	36.98 -0.99 0.00	39.86 -0.95 0.00	42.53 -1.00 0.00	49.02 -0.76 0.00	38.94 -0.49 0.00	28.64 -0.35 0.00	29.06 -0.46 0.00	30.30 -0.57 0.00	27.18 -0.66 0.00	25.34 -0.52 0.00	12.59 -0.36 0.00	15.37 -0.47 0.00	14.70 -0.48 0.00	17.28 -0.34 0.00	32.21 -0.59 0.00	39.90 -0.58 0.00	28.95 -0.31 0.00	28.11 -0.37 0.00	34.50 -0.74 0.00	40.50 -0.96 0.00	32.92 -0.88 0.00
LINDEN COGEN____ 23786	33.81 1.43 0.00	39.22 1.44 0.00	41.77 1.39 0.00	39.33 1.35 0.00	42.29 1.47 0.00	45.37 1.84 0.00	52.27 2.49 0.00	57.36 2.28 -15.65	55.24 1.46 -24.79	65.21 1.36 -34.32	66.04 1.51 -33.66	97.93 1.39 -68.71	101.01 1.23 -73.93	71.04 0.58 -57.51	63.69 0.64 -47.21	74.44 0.66 -58.60	95.97 0.81 -77.54	96.95 1.54 -62.61	86.83 2.17 -44.18	63.47 1.68 -32.52	53.93 1.70 -23.76	53.69 1.90 -16.56	55.42 2.13 -11.83	53.93 1.84 -18.30
LINDHRST_69_KV_BK1 356055	33.99 1.62 0.00	39.52 1.74 0.00	42.01 1.63 0.00	39.38 1.41 0.00	42.21 1.39 0.00	45.24 1.77 0.06	50.94 2.48 1.32	36.66 2.65 5.41	29.29 1.48 1.18	29.43 1.47 1.56	31.14 2.03 1.76	25.77 1.91 3.97	24.99 1.48 2.34	11.09 0.59 2.45	14.30 0.51 2.05	13.29 0.66 2.55	15.03 0.78 3.37	31.72 1.64 2.72	41.16 2.60 1.92	29.88 2.03 1.41	29.62 2.18 1.03	36.91 2.39 0.72	43.48 2.54 0.51	35.26 2.26 0.79
LIPA_MISC_IPP 23656	34.00 1.63 0.00	39.46 1.68 0.00	41.84 1.45 0.00	39.20 1.22 0.00	42.00 1.19 0.00	45.00 1.55 0.08	50.21 2.15 1.72	35.62 2.56 6.37	29.09 1.29 1.19	29.15 1.21 1.58	30.88 1.86 1.84	25.10 1.77 4.51	21.21 1.32 5.97	10.73 0.43 2.65	14.11 0.31 2.05	13.13 0.50 2.55	14.87 0.62 3.37	31.34 1.25 2.72	40.78 2.23 1.92	29.52 1.67 1.41	29.45 2.00 1.03	36.73 2.21 0.72	43.22 2.28 0.51	35.03 2.04 0.79
LISF__SOLAR 323691	34.08 1.70 0.00	39.54 1.75 0.00	41.92 1.54 0.00	39.27 1.29 0.00	42.09 1.27 0.00	45.07 1.62 0.08	50.09 2.03 1.72	35.33 2.27 6.37	29.12 1.33 1.19	29.17 1.24 1.58	30.93 1.91 1.84	25.13 1.80 4.50	21.26 1.34 5.94	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.89 0.64 3.37	31.38 1.30 2.72	40.84 2.29 1.92	29.59 1.74 1.41	29.53 2.08 1.03	36.80 2.29 0.72	43.27 2.32 0.51	35.10 2.11 0.79

LITTLE FALLS___HYD 24013	31.73 -0.64 0.00	37.18 -0.60 0.00	39.68 -0.71 0.00	37.52 -0.46 0.00	40.55 -0.27 0.00	43.26 -0.27 0.00	50.02 0.25 0.00	39.56 0.13 0.00	28.57 -0.42 0.00	28.60 -0.92 0.00	29.60 -1.27 0.00	26.55 -1.29 0.00	24.65 -1.20 0.00	12.28 -0.67 0.00	14.91 -0.94 0.00	14.19 -0.98 0.00	16.66 -0.96 0.00	32.71 -0.09 0.00	40.89 0.42 0.00	30.01 0.75 0.00	29.17 0.70 0.00	35.82 0.58 0.00	41.97 0.51 0.00	34.16 0.37 0.00
LITTLRIV_115KV_TB1 356100	32.79 0.41 0.00	38.18 0.40 0.00	40.76 0.38 0.00	38.32 0.35 0.00	41.29 0.47 0.00	44.11 0.57 0.00	49.84 0.06 0.00	39.09 -0.33 0.00	28.88 -0.11 0.00	29.47 -0.05 0.00	30.74 -0.13 0.00	27.76 -0.08 0.00	25.78 -0.08 0.00	12.97 0.02 0.00	15.85 0.01 0.00	15.11 -0.06 0.00	17.66 0.04 0.00	32.98 0.17 0.00	40.60 0.13 0.00	29.39 0.12 0.00	28.72 0.24 0.00	35.73 0.50 0.00	42.01 0.55 0.00	34.13 0.33 0.00
LI_NEWBRDGE___DRP 323616	33.54 1.17 0.00	39.00 1.22 0.00	41.50 1.11 0.00	38.94 0.96 0.00	41.77 0.96 0.00	44.71 1.27 0.10	49.51 1.88 2.15	34.14 2.10 7.39	28.94 1.18 1.22	29.08 1.16 1.60	30.64 1.65 1.89	24.60 1.55 4.79	19.23 1.21 7.83	10.66 0.46 2.75	14.21 0.41 2.05	13.16 0.53 2.55	14.88 0.63 3.37	31.36 1.28 2.72	40.61 2.05 1.92	29.44 1.59 1.41	29.15 1.71 1.03	36.34 1.82 0.72	42.90 1.96 0.51	34.80 1.80 0.79
LOCKPORT_115KV_TB60_63_64 80432	30.46 -1.92 0.00	35.44 -2.33 0.00	38.10 -2.29 0.00	35.70 -2.27 0.00	37.91 -2.90 0.00	40.47 -3.06 0.00	45.97 -3.81 0.00	35.73 -3.69 0.00	26.64 -2.35 0.00	27.60 -1.92 0.00	29.02 -1.85 0.00	25.96 -1.87 0.00	24.05 -1.80 0.00	12.35 -0.60 0.00	15.23 -0.62 0.00	14.37 -0.81 0.00	16.55 -1.07 0.00	30.15 -2.66 0.00	36.60 -3.88 0.00	26.65 -2.61 0.00	25.83 -2.65 0.00	32.04 -3.20 0.00	38.27 -3.19 0.00	31.03 -2.76 0.00
LOCKPORT___CC1 323769	30.46 -1.92 0.00	35.47 -2.31 0.00	38.13 -2.26 0.00	35.72 -2.25 0.00	37.94 -2.88 0.00	40.47 -3.06 0.00	45.99 -3.79 0.00	35.79 -3.64 0.00	26.64 -2.35 0.00	27.61 -1.91 0.00	29.04 -1.83 0.00	26.02 -1.81 0.00	24.08 -1.78 0.00	12.34 -0.61 0.00	15.22 -0.63 0.00	14.37 -0.81 0.00	16.56 -1.06 0.00	30.19 -2.61 0.00	36.59 -3.88 0.00	26.66 -2.61 0.00	25.83 -2.65 0.00	31.99 -3.25 0.00	38.22 -3.24 0.00	31.04 -2.76 0.00
LOCKPORT___CC2 323770	30.46 -1.92 0.00	35.47 -2.31 0.00	38.13 -2.26 0.00	35.72 -2.25 0.00	37.94 -2.88 0.00	40.47 -3.06 0.00	45.99 -3.79 0.00	35.79 -3.64 0.00	26.64 -2.35 0.00	27.61 -1.91 0.00	29.04 -1.83 0.00	26.02 -1.81 0.00	24.08 -1.78 0.00	12.34 -0.61 0.00	15.22 -0.63 0.00	14.37 -0.81 0.00	16.56 -1.06 0.00	30.19 -2.61 0.00	36.59 -3.88 0.00	26.66 -2.61 0.00	25.83 -2.65 0.00	31.99 -3.25 0.00	38.22 -3.24 0.00	31.04 -2.76 0.00
LOCKPORT___CC3 323771	30.46 -1.92 0.00	35.47 -2.31 0.00	38.13 -2.26 0.00	35.72 -2.25 0.00	37.94 -2.88 0.00	40.47 -3.06 0.00	45.99 -3.79 0.00	35.79 -3.64 0.00	26.64 -2.35 0.00	27.61 -1.91 0.00	29.04 -1.83 0.00	26.02 -1.81 0.00	24.08 -1.78 0.00	12.34 -0.61 0.00	15.22 -0.63 0.00	14.37 -0.81 0.00	16.56 -1.06 0.00	30.19 -2.61 0.00	36.59 -3.88 0.00	26.66 -2.61 0.00	25.83 -2.65 0.00	31.99 -3.25 0.00	38.22 -3.24 0.00	31.04 -2.76 0.00
LONG_LAKE_PHOENIX 24014	31.67 -0.71 0.00	36.95 -0.83 0.00	39.51 -0.87 0.00	37.14 -0.84 0.00	39.91 -0.90 0.00	42.62 -0.92 0.00	48.93 -0.85 0.00	38.76 -0.67 0.00	28.43 -0.56 0.00	28.94 -0.58 0.00	30.31 -0.56 0.00	27.27 -0.56 0.00	25.27 -0.59 0.00	12.64 -0.31 0.00	15.47 -0.38 0.00	14.81 -0.36 0.00	17.29 -0.33 0.00	32.14 -0.67 0.00	39.72 -0.75 0.00	28.77 -0.49 0.00	27.94 -0.54 0.00	34.46 -0.77 0.00	40.55 -0.91 0.00	33.00 -0.80 0.00
LOVETT___3 23632	33.43 1.05 0.00	38.84 1.06 0.00	41.41 1.03 0.00	39.00 1.03 0.00	41.94 1.12 0.00	44.95 1.41 0.00	51.88 2.11 0.00	41.80 1.91 -0.46	30.14 1.15 0.00	30.59 1.07 0.00	32.03 1.16 0.00	28.95 1.11 0.00	26.86 1.01 0.00	13.41 0.46 0.00	16.35 0.50 0.00	15.72 0.55 0.00	18.32 0.70 0.00	34.18 1.38 0.00	42.37 1.90 0.00	30.67 1.41 0.00	29.87 1.40 0.00	36.75 1.52 0.00	43.16 1.70 0.00	35.26 1.47 0.00
LOVETT___4 23642	33.43 1.05 0.00	38.84 1.06 0.00	41.41 1.03 0.00	39.00 1.03 0.00	41.94 1.12 0.00	44.95 1.41 0.00	51.88 2.11 0.00	41.80 1.91 -0.46	30.14 1.15 0.00	30.59 1.07 0.00	32.03 1.16 0.00	28.95 1.11 0.00	26.86 1.01 0.00	13.41 0.46 0.00	16.35 0.50 0.00	15.72 0.55 0.00	18.32 0.70 0.00	34.18 1.38 0.00	42.37 1.90 0.00	30.67 1.41 0.00	29.87 1.40 0.00	36.75 1.52 0.00	43.16 1.70 0.00	35.26 1.47 0.00
LOVETT___5 23593	33.43 1.05 0.00	38.84 1.06 0.00	41.41 1.03 0.00	39.00 1.03 0.00	41.94 1.12 0.00	44.95 1.41 0.00	51.88 2.11 0.00	41.80 1.91 -0.46	30.14 1.15 0.00	30.59 1.07 0.00	32.03 1.16 0.00	28.95 1.11 0.00	26.86 1.01 0.00	13.41 0.46 0.00	16.35 0.50 0.00	15.72 0.55 0.00	18.32 0.70 0.00	34.18 1.38 0.00	42.37 1.90 0.00	30.67 1.41 0.00	29.87 1.40 0.00	36.75 1.52 0.00	43.16 1.70 0.00	35.26 1.47 0.00
LOWER RAQUET___HYD 24057	32.13 -0.24 0.00	37.44 -0.34 0.00	39.97 -0.41 0.00	37.56 -0.42 0.00	40.46 -0.35 0.00	43.23 -0.30 0.00	48.85 -0.93 0.00	38.46 -0.97 0.00	28.54 -0.45 0.00	29.12 -0.40 0.00	30.42 -0.45 0.00	27.46 -0.38 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.68 -0.17 0.00	14.93 -0.25 0.00	17.41 -0.20 0.00	32.42 -0.39 0.00	39.90 -0.57 0.00	28.82 -0.44 0.00	28.12 -0.36 0.00	34.99 -0.25 0.00	41.15 -0.31 0.00	33.45 -0.35 0.00
LOWER___HUDSON 24059	33.01 0.63 0.00	38.51 0.73 0.00	41.11 0.73 0.00	38.68 0.70 0.00	41.70 0.88 0.00	44.55 1.01 0.00	51.26 1.49 0.00	40.57 1.14 0.00	29.60 0.61 0.00	29.98 0.46 0.00	31.34 0.47 0.00	28.23 0.40 0.00	26.25 0.39 0.00	13.14 0.19 0.00	16.04 0.19 0.00	15.38 0.20 0.00	17.88 0.26 0.00	33.48 0.68 0.00	41.38 0.90 0.00	30.00 0.73 0.00	29.20 0.72 0.00	36.13 0.89 0.00	42.51 1.05 0.00	34.75 0.95 0.00
LOWVILLE_115KV_TB2 356335	32.12 -0.26 0.00	37.24 -0.54 0.00	39.68 -0.71 0.00	36.99 -0.99 0.00	40.09 -0.73 0.00	42.91 -0.63 0.00	49.78 0.00 0.00	39.80 0.38 0.00	29.39 0.40 0.00	29.63 0.11 0.00	30.76 -0.11 0.00	27.69 -0.14 0.00	25.74 -0.12 0.00	12.73 -0.22 0.00	15.43 -0.42 0.00	14.82 -0.35 0.00	17.49 -0.12 0.00	32.83 0.03 0.00	40.67 0.19 0.00	29.53 0.27 0.00	28.62 0.14 0.00	34.92 -0.31 0.00	40.82 -0.64 0.00	33.15 -0.64 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.55 1.18 0.00	39.17 1.39 0.00	41.85 1.46 0.00	39.33 1.35 0.00	42.42 1.60 0.00	45.33 1.80 0.00	52.13 2.36 0.00	41.22 1.79 0.00	30.00 1.01 0.00	30.37 0.85 0.00	31.75 0.88 0.00	28.59 0.76 0.00	26.57 0.72 0.00	13.31 0.37 0.00	16.22 0.38 0.00	15.52 0.35 0.00	18.09 0.47 0.00	33.95 1.15 0.00	41.81 1.34 0.00	30.27 1.01 0.00	29.46 0.98 0.00	36.47 1.23 0.00	43.13 1.67 0.00	35.37 1.57 0.00

LUTHERNY_35_KV_BK2 355980	33.53 1.16 0.00	39.18 1.40 0.00	41.89 1.51 0.00	39.31 1.34 0.00	42.42 1.60 0.00	45.37 1.83 0.00	52.14 2.36 0.00	41.21 1.79 0.00	30.01 1.02 0.00	30.41 0.89 0.00	31.76 0.89 0.00	28.59 0.76 0.00	26.57 0.71 0.00	13.31 0.36 0.00	16.24 0.39 0.00	15.52 0.35 0.00	18.12 0.50 0.00	33.98 1.18 0.00	41.81 1.34 0.00	30.30 1.04 0.00	29.47 0.99 0.00	36.50 1.27 0.00	43.12 1.66 0.00	35.37 1.57 0.00
LWR___OSWEGATCHIE_HYD 23850	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.01 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.44 0.00	17.33 -0.28 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
LYONS_FALL_HYD 23570	32.43 0.05 0.00	37.68 -0.10 0.00	40.21 -0.18 0.00	37.60 -0.38 0.00	40.63 -0.18 0.00	43.47 -0.07 0.00	50.27 0.49 0.00	40.05 0.62 0.00	29.49 0.50 0.00	29.78 0.26 0.00	30.98 0.12 0.00	27.92 0.09 0.00	25.93 0.08 0.00	12.89 -0.06 0.00	15.65 -0.19 0.00	15.01 -0.16 0.00	17.67 0.06 0.00	33.11 0.31 0.00	40.98 0.50 0.00	29.72 0.46 0.00	28.84 0.37 0.00	35.33 0.09 0.00	41.38 -0.08 0.00	33.63 -0.17 0.00
MADISON___COUNTY_LFGE 323628	32.95 0.58 0.00	38.44 0.66 0.00	41.08 0.69 0.00	38.58 0.61 0.00	41.52 0.70 0.00	44.37 0.84 0.00	51.16 1.38 0.00	40.54 1.12 0.00	29.69 0.70 0.00	30.03 0.51 0.00	31.32 0.45 0.00	28.25 0.41 0.00	26.24 0.38 0.00	13.10 0.15 0.00	15.96 0.12 0.00	15.28 0.10 0.00	17.96 0.34 0.00	33.57 0.77 0.00	41.55 1.07 0.00	30.07 0.81 0.00	29.21 0.74 0.00	35.95 0.71 0.00	42.22 0.76 0.00	34.32 0.52 0.00
MALONE___115KV_TB1 356076	32.61 0.24 0.00	38.21 0.43 0.00	40.76 0.38 0.00	38.43 0.46 0.00	41.39 0.58 0.00	44.28 0.75 0.00	50.43 0.65 0.00	39.69 0.26 0.00	29.28 0.29 0.00	29.93 0.41 0.00	31.35 0.48 0.00	28.29 0.46 0.00	26.25 0.40 0.00	13.17 0.22 0.00	16.09 0.24 0.00	15.33 0.16 0.00	17.80 0.18 0.00	32.98 0.18 0.00	40.62 0.15 0.00	29.39 0.13 0.00	28.65 0.18 0.00	35.90 0.66 0.00	42.23 0.77 0.00	34.23 0.43 0.00
MAPLEWOD_115KV_TB3 80458	33.01 0.63 0.00	38.49 0.71 0.00	41.06 0.68 0.00	38.68 0.70 0.00	41.78 0.97 0.00	44.60 1.07 0.00	51.31 1.53 0.00	40.59 1.17 0.00	29.68 0.70 0.00	30.10 0.58 0.00	31.36 0.49 0.00	28.29 0.46 0.00	26.35 0.49 0.00	13.17 0.22 0.00	16.10 0.25 0.00	15.44 0.27 0.00	17.95 0.33 0.00	33.60 0.79 0.00	41.55 1.07 0.00	30.15 0.88 0.00	29.34 0.86 0.00	36.25 1.01 0.00	42.55 1.09 0.00	34.74 0.94 0.00
MAPLE_RIDGE_WT_1 323574	32.16 -0.22 0.00	37.43 -0.35 0.00	40.00 -0.38 0.00	37.53 -0.45 0.00	40.38 -0.44 0.00	43.07 -0.47 0.00	49.16 -0.62 0.00	39.06 -0.37 0.00	28.92 -0.06 0.00	29.52 0.00 0.00	30.89 0.02 0.00	27.85 0.02 0.00	25.83 -0.02 0.00	12.89 -0.06 0.00	15.74 -0.11 0.00	15.10 -0.08 0.00	17.51 -0.11 0.00	32.59 -0.21 0.00	40.06 -0.41 0.00	28.89 -0.37 0.00	27.94 -0.54 0.00	34.56 -0.68 0.00	40.76 -0.70 0.00	33.16 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	32.16 -0.22 0.00	37.43 -0.35 0.00	40.00 -0.38 0.00	37.53 -0.45 0.00	40.38 -0.44 0.00	43.07 -0.47 0.00	49.16 -0.62 0.00	39.06 -0.37 0.00	28.92 -0.06 0.00	29.52 0.00 0.00	30.89 0.02 0.00	27.85 0.02 0.00	25.83 -0.02 0.00	12.89 -0.06 0.00	15.74 -0.11 0.00	15.10 -0.08 0.00	17.51 -0.11 0.00	32.59 -0.21 0.00	40.06 -0.41 0.00	28.89 -0.37 0.00	27.94 -0.54 0.00	34.56 -0.68 0.00	40.76 -0.70 0.00	33.16 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	32.47 0.09 0.00	38.12 0.34 0.00	40.64 0.25 0.00	38.33 0.35 0.00	41.23 0.41 0.00	44.12 0.59 0.00	50.28 0.51 0.00	39.57 0.14 0.00	29.22 0.23 0.00	29.93 0.41 0.00	31.42 0.55 0.00	28.35 0.52 0.00	26.32 0.47 0.00	13.21 0.26 0.00	16.15 0.30 0.00	15.40 0.22 0.00	17.87 0.25 0.00	33.00 0.20 0.00	40.54 0.07 0.00	29.31 0.05 0.00	28.55 0.08 0.00	35.86 0.63 0.00	42.22 0.76 0.00	34.26 0.47 0.00
MARSHVLE_115KV_TB1 80742	34.12 1.75 0.00	39.85 2.07 0.00	42.66 2.27 0.00	40.13 2.15 0.00	43.20 2.38 0.00	46.07 2.54 0.00	52.90 3.12 0.00	41.74 2.31 0.00	30.33 1.35 0.00	30.59 1.07 0.00	31.76 0.89 0.00	28.28 0.44 0.00	26.43 0.57 0.00	13.22 0.27 0.00	16.13 0.28 0.00	15.42 0.24 0.00	18.02 0.40 0.00	34.28 1.48 0.00	42.95 2.48 0.00	31.16 1.89 0.00	30.24 1.76 0.00	37.33 2.09 0.00	43.82 2.36 0.00	35.52 1.72 0.00
MARSH_HILL_WT_PWR 323713	32.54 0.16 0.00	38.00 0.22 0.00	40.73 0.34 0.00	38.01 0.03 0.00	40.53 -0.28 0.00	42.95 -0.58 0.00	49.29 -0.49 0.00	38.77 -0.66 0.00	28.30 -0.69 0.00	28.71 -0.80 0.00	29.88 -0.99 0.00	26.74 -1.09 0.00	24.46 -1.39 0.00	12.30 -0.65 0.00	15.13 -0.72 0.00	14.45 -0.73 0.00	16.77 -0.85 0.00	31.67 -1.14 0.00	39.42 -1.06 0.00	28.27 -0.99 0.00	27.30 -1.18 0.00	33.35 -1.89 0.00	39.07 -2.39 0.00	31.91 -1.89 0.00
MCINTYRE_115KV_TB2 80467	33.19 0.81 0.00	38.66 0.88 0.00	41.27 0.88 0.00	38.81 0.84 0.00	41.79 0.98 0.00	44.64 1.11 0.00	50.38 0.61 0.00	39.44 0.01 0.00	29.10 0.12 0.00	29.72 0.20 0.00	31.00 0.13 0.00	28.00 0.17 0.00	26.00 0.15 0.00	13.08 0.13 0.00	16.00 0.15 0.00	15.27 0.09 0.00	17.81 0.19 0.00	33.31 0.51 0.00	40.99 0.52 0.00	29.68 0.42 0.00	29.03 0.55 0.00	36.13 0.89 0.00	42.50 1.05 0.00	34.53 0.74 0.00
MECO_____69_KV_BK1 80468	34.29 1.91 0.00	40.00 2.22 0.00	42.79 2.41 0.00	40.26 2.29 0.00	43.37 2.56 0.00	46.34 2.80 0.00	53.28 3.51 0.00	41.88 2.45 0.00	30.33 1.34 0.00	30.45 0.93 0.00	31.58 0.71 0.00	27.84 0.01 0.00	25.94 0.09 0.00	12.98 0.03 0.00	15.87 0.02 0.00	15.14 -0.04 0.00	17.74 0.12 0.00	34.26 1.46 0.00	43.31 2.83 0.00	31.53 2.27 0.00	30.63 2.15 0.00	37.77 2.53 0.00	44.29 2.83 0.00	35.88 2.08 0.00
MENANDS___115KV_TB5 355628	32.85 0.47 0.00	38.32 0.54 0.00	40.86 0.48 0.00	38.50 0.53 0.00	41.64 0.82 0.00	44.46 0.92 0.00	51.12 1.34 0.00	40.46 1.04 0.00	29.60 0.62 0.00	30.01 0.50 0.00	31.25 0.38 0.00	28.23 0.39 0.00	26.27 0.42 0.00	13.14 0.19 0.00	16.06 0.21 0.00	15.41 0.23 0.00	17.90 0.28 0.00	33.47 0.66 0.00	41.35 0.88 0.00	30.01 0.75 0.00	29.21 0.73 0.00	36.08 0.84 0.00	42.32 0.87 0.00	34.57 0.77 0.00
MG INDUSTRY___DRP 24185	32.91 0.53 0.00	38.44 0.65 0.00	41.06 0.67 0.00	38.64 0.66 0.00	41.56 0.74 0.00	44.29 0.75 0.00	50.83 1.06 0.00	40.15 0.72 0.00	29.37 0.39 0.00	29.77 0.25 0.00	31.01 0.14 0.00	27.97 0.14 0.00	26.09 0.24 0.00	13.07 0.12 0.00	16.01 0.16 0.00	15.31 0.14 0.00	17.77 0.15 0.00	33.29 0.49 0.00	41.27 0.79 0.00	29.98 0.72 0.00	29.17 0.69 0.00	36.01 0.77 0.00	42.27 0.81 0.00	34.51 0.72 0.00

MID___OSWEGATCHIE_HYD 23849	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.01 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.44 0.00	17.33 -0.28 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
MID___RAQUETTE_HYD 23851	32.13 -0.24 0.00	37.45 -0.34 0.00	39.97 -0.41 0.00	37.56 -0.42 0.00	40.46 -0.35 0.00	43.23 -0.30 0.00	48.85 -0.93 0.00	38.46 -0.97 0.00	28.54 -0.45 0.00	29.12 -0.40 0.00	30.43 -0.45 0.00	27.46 -0.37 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.68 -0.17 0.00	14.93 -0.25 0.00	17.41 -0.20 0.00	32.42 -0.38 0.00	39.90 -0.57 0.00	28.82 -0.44 0.00	28.12 -0.36 0.00	34.99 -0.25 0.00	41.15 -0.31 0.00	33.44 -0.35 0.00
MILLIKEN___1 23584	32.85 0.47 0.00	38.37 0.60 0.00	41.08 0.70 0.00	38.59 0.62 0.00	41.42 0.60 0.00	44.28 0.74 0.00	50.94 1.17 0.00	40.14 0.71 0.00	29.41 0.42 0.00	29.97 0.45 0.00	31.31 0.44 0.00	28.12 0.29 0.00	25.89 0.04 0.00	12.95 0.00 0.00	15.87 0.02 0.00	15.17 -0.01 0.00	17.81 0.19 0.00	33.05 0.24 0.00	40.88 0.40 0.00	29.73 0.47 0.00	28.86 0.38 0.00	35.50 0.26 0.00	41.79 0.34 0.00	34.01 0.21 0.00
MILLIKEN___2 23585	32.85 0.47 0.00	38.37 0.60 0.00	41.08 0.70 0.00	38.59 0.62 0.00	41.42 0.60 0.00	44.28 0.74 0.00	50.94 1.17 0.00	40.14 0.71 0.00	29.41 0.42 0.00	29.97 0.45 0.00	31.31 0.44 0.00	28.12 0.29 0.00	25.89 0.04 0.00	12.95 0.00 0.00	15.87 0.02 0.00	15.17 -0.01 0.00	17.81 0.19 0.00	33.05 0.24 0.00	40.88 0.40 0.00	29.73 0.47 0.00	28.86 0.38 0.00	35.50 0.26 0.00	41.79 0.34 0.00	34.01 0.21 0.00
MILLIKEN___DIESEL 23629	32.85 0.47 0.00	38.37 0.60 0.00	41.08 0.70 0.00	38.59 0.62 0.00	41.42 0.60 0.00	44.28 0.74 0.00	50.94 1.17 0.00	40.14 0.71 0.00	29.41 0.42 0.00	29.97 0.45 0.00	31.31 0.44 0.00	28.12 0.29 0.00	25.89 0.04 0.00	12.95 0.00 0.00	15.87 0.02 0.00	15.17 -0.01 0.00	17.81 0.19 0.00	33.05 0.24 0.00	40.88 0.40 0.00	29.73 0.47 0.00	28.86 0.38 0.00	35.50 0.26 0.00	41.79 0.34 0.00	34.01 0.21 0.00
MILLSEAT___LFGE 323607	31.05 -1.33 0.00	36.16 -1.62 0.00	38.84 -1.54 0.00	36.41 -1.57 0.00	38.77 -2.05 0.00	41.44 -2.10 0.00	47.30 -2.48 0.00	36.93 -2.50 0.00	27.48 -1.51 0.00	28.37 -1.15 0.00	29.66 -1.20 0.00	26.42 -1.42 0.00	24.38 -1.48 0.00	12.47 -0.48 0.00	15.42 -0.43 0.00	14.62 -0.56 0.00	16.81 -0.81 0.00	30.98 -1.82 0.00	37.72 -2.75 0.00	27.48 -1.78 0.00	26.65 -1.83 0.00	32.94 -2.30 0.00	39.24 -2.22 0.00	31.81 -1.98 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.64 1.27 0.00	39.10 1.32 0.00	41.68 1.30 0.00	39.24 1.26 0.00	42.20 1.38 0.00	45.21 1.68 0.00	52.13 2.35 0.00	42.53 2.12 -0.99	30.29 1.30 0.00	30.74 1.22 0.00	32.56 1.34 -0.35	30.33 1.26 -1.23	26.99 1.14 0.00	13.47 0.52 0.00	16.42 0.57 0.00	15.78 0.60 0.00	18.36 0.74 0.00	34.23 1.43 0.00	42.49 2.01 0.00	30.82 1.55 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.43 1.64 0.00
MILLWOOD_13_KV_LOAD 356217	33.69 1.31 0.00	39.15 1.37 0.00	41.73 1.35 0.00	39.29 1.31 0.00	42.24 1.43 0.00	45.27 1.73 0.00	52.19 2.41 0.00	42.58 2.17 -0.99	30.32 1.34 0.00	30.78 1.26 0.00	32.60 1.38 -0.35	30.35 1.28 -1.23	27.02 1.17 0.00	13.49 0.54 0.00	16.43 0.59 0.00	15.79 0.62 0.00	18.38 0.76 0.00	34.28 1.48 0.00	42.55 2.07 0.00	30.86 1.60 0.00	30.07 1.60 0.00	37.00 1.76 0.00	43.43 1.97 0.00	35.48 1.68 0.00
MODEL_CITY_ENERGY 24167	30.16 -2.22 0.00	35.08 -2.70 0.00	37.70 -2.69 0.00	35.33 -2.64 0.00	37.55 -3.27 0.00	40.07 -3.46 0.00	45.46 -4.31 0.00	35.31 -4.12 0.00	26.31 -2.68 0.00	27.29 -2.23 0.00	28.71 -2.15 0.00	25.77 -2.06 0.00	23.85 -2.01 0.00	12.25 -0.70 0.00	15.08 -0.76 0.00	14.24 -0.93 0.00	16.39 -1.23 0.00	29.81 -2.99 0.00	36.12 -4.35 0.00	26.34 -2.92 0.00	25.53 -2.95 0.00	31.65 -3.59 0.00	37.84 -3.62 0.00	30.71 -3.09 0.00
MODERN_LFGE___ 323580	30.16 -2.22 0.00	35.08 -2.70 0.00	37.70 -2.69 0.00	35.33 -2.64 0.00	37.55 -3.27 0.00	40.07 -3.46 0.00	45.46 -4.31 0.00	35.31 -4.12 0.00	26.31 -2.68 0.00	27.29 -2.23 0.00	28.71 -2.15 0.00	25.77 -2.06 0.00	23.85 -2.01 0.00	12.25 -0.70 0.00	15.08 -0.76 0.00	14.24 -0.93 0.00	16.39 -1.23 0.00	29.81 -2.99 0.00	36.12 -4.35 0.00	26.34 -2.92 0.00	25.53 -2.95 0.00	31.65 -3.59 0.00	37.84 -3.62 0.00	30.71 -3.09 0.00
MOHAWK_PAPER___DRP 24187	33.01 0.63 0.00	38.49 0.71 0.00	41.06 0.68 0.00	38.68 0.70 0.00	41.78 0.97 0.00	44.60 1.07 0.00	51.31 1.53 0.00	40.59 1.17 0.00	29.68 0.70 0.00	30.10 0.58 0.00	31.36 0.49 0.00	28.29 0.46 0.00	26.35 0.49 0.00	13.17 0.22 0.00	16.10 0.25 0.00	15.44 0.27 0.00	17.95 0.33 0.00	33.60 0.79 0.00	41.55 1.07 0.00	30.15 0.88 0.00	29.34 0.86 0.00	36.25 1.01 0.00	42.55 1.09 0.00	34.74 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	33.89 1.52 0.00	39.60 1.82 0.00	42.25 1.86 0.00	39.67 1.69 0.00	42.87 2.06 0.00	45.91 2.38 0.00	52.78 3.00 0.00	41.72 2.30 0.00	30.21 1.22 0.00	30.47 0.95 0.00	31.84 0.97 0.00	28.69 0.86 0.00	26.61 0.76 0.00	13.40 0.45 0.00	16.30 0.45 0.00	15.53 0.36 0.00	18.06 0.45 0.00	33.89 1.09 0.00	41.61 1.14 0.00	30.10 0.84 0.00	29.31 0.83 0.00	36.35 1.11 0.00	43.31 1.85 0.00	35.74 1.95 0.00
MONGAUP___HYD 23641	33.57 1.19 0.00	39.05 1.28 0.00	41.67 1.29 0.00	39.22 1.24 0.00	42.15 1.33 0.00	45.10 1.56 0.00	51.37 1.59 0.00	41.06 1.43 -0.20	29.78 0.79 0.00	30.55 1.03 0.00	31.64 0.77 0.00	28.68 0.85 0.00	26.77 0.92 0.00	13.29 0.34 0.00	16.16 0.31 0.00	15.52 0.34 0.00	18.06 0.45 0.00	33.80 1.00 0.00	41.40 0.93 0.00	30.40 1.14 0.00	29.83 1.35 0.00	36.93 1.69 0.00	43.48 2.02 0.00	35.30 1.50 0.00
MONTAUK___DIESEL 23721	34.95 2.57 0.00	39.69 1.91 0.00	41.21 0.82 0.00	38.23 0.25 0.00	40.86 0.04 0.00	43.91 0.45 0.08	49.03 0.97 1.72	35.35 2.29 6.37	28.26 0.47 1.19	28.24 0.30 1.58	30.42 1.40 1.84	24.83 1.50 4.51	21.08 1.19 5.96	10.41 0.11 2.65	13.57 -0.23 2.05	12.63 0.00 2.55	14.28 0.03 3.37	30.31 0.22 2.72	39.64 1.09 1.92	28.77 0.92 1.41	28.74 1.30 1.03	35.80 1.29 0.72	42.02 1.08 0.51	34.08 1.07 0.79
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.31 -0.06 0.00	37.81 0.03 0.00	40.53 0.15 0.00	37.78 -0.20 0.00	39.39 -1.43 0.00	41.76 -1.78 0.00	48.40 -1.38 0.00	38.09 -1.34 0.00	27.93 -1.06 0.00	28.81 -0.71 0.00	30.28 -0.59 0.00	27.34 -0.50 0.00	25.52 -0.34 0.00	12.98 0.04 0.00	15.98 0.14 0.00	14.83 -0.34 0.00	17.49 -0.13 0.00	32.48 -0.33 0.00	39.23 -1.25 0.00	27.78 -1.48 0.00	26.73 -1.75 0.00	32.88 -2.35 0.00	39.13 -2.33 0.00	31.70 -2.09 0.00

MORRIS_RIDGE___SOLAR 323848	31.89 -0.49 0.00	37.23 -0.55 0.00	39.90 -0.48 0.00	37.32 -0.65 0.00	39.84 -0.97 0.00	42.37 -1.17 0.00	48.47 -1.31 0.00	38.09 -1.34 0.00	27.91 -1.08 0.00	28.45 -1.06 0.00	29.74 -1.12 0.00	26.42 -1.42 0.00	24.43 -1.43 0.00	12.34 -0.61 0.00	15.21 -0.63 0.00	14.45 -0.73 0.00	16.79 -0.82 0.00	31.40 -1.40 0.00	38.68 -1.79 0.00	27.91 -1.35 0.00	26.96 -1.52 0.00	33.10 -2.14 0.00	39.10 -2.36 0.00	31.87 -1.92 0.00
MORTIMER_115KV_TB3 55949	31.44 -0.93 0.00	36.66 -1.12 0.00	39.28 -1.10 0.00	36.86 -1.12 0.00	39.38 -1.44 0.00	42.10 -1.44 0.00	48.14 -1.64 0.00	37.88 -1.54 0.00	28.02 -0.96 0.00	28.78 -0.74 0.00	30.14 -0.73 0.00	26.97 -0.86 0.00	24.98 -0.87 0.00	12.66 -0.29 0.00	15.57 -0.28 0.00	14.81 -0.37 0.00	17.16 -0.45 0.00	31.71 -1.09 0.00	38.82 -1.66 0.00	28.16 -1.10 0.00	27.34 -1.14 0.00	33.77 -1.47 0.00	39.98 -1.48 0.00	32.46 -1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.00 1.62 0.00	39.47 1.69 0.00	42.05 1.67 0.00	39.58 1.61 0.00	42.56 1.74 0.00	45.64 2.10 0.00	52.61 2.83 0.00	62.06 2.56 -20.07	61.46 1.62 -30.86	73.80 1.56 -42.72	76.26 1.72 -43.67	121.20 1.58 -91.78	119.28 1.41 -92.01	85.19 0.66 -71.58	75.34 0.73 -58.76	88.87 0.76 -72.94	115.05 0.91 -96.52	112.47 1.74 -77.92	97.87 2.40 -54.99	71.60 1.86 -40.48	59.91 1.87 -29.57	57.93 2.08 -20.61	58.56 2.37 -14.73	58.58 2.00 -22.78
MUNSVILLE_WIND_PWR 323609	34.29 1.91 0.00	40.24 2.46 0.00	43.27 2.88 0.00	40.67 2.69 0.00	43.80 2.98 0.00	47.02 3.49 0.00	54.97 5.19 0.00	46.32 6.90 0.00	33.10 4.12 0.00	32.66 3.14 0.00	33.97 3.10 0.00	30.46 2.63 0.00	27.68 1.83 0.00	13.29 0.34 0.00	16.27 0.42 0.00	15.45 0.27 0.00	18.33 0.71 0.00	34.47 1.67 0.00	42.68 2.21 0.00	31.03 1.76 0.00	29.71 1.23 0.00	36.12 0.89 0.00	42.46 1.00 0.00	34.52 0.73 0.00
N SALMON___HYD 24042	32.61 0.24 0.00	38.21 0.43 0.00	40.76 0.37 0.00	38.44 0.46 0.00	41.39 0.58 0.00	44.28 0.75 0.00	50.43 0.65 0.00	39.69 0.26 0.00	29.28 0.29 0.00	29.93 0.41 0.00	31.35 0.48 0.00	28.29 0.46 0.00	26.25 0.40 0.00	13.17 0.22 0.00	16.09 0.24 0.00	15.33 0.16 0.00	17.80 0.18 0.00	32.98 0.18 0.00	40.62 0.15 0.00	29.39 0.13 0.00	28.66 0.18 0.00	35.90 0.66 0.00	42.23 0.77 0.00	34.22 0.43 0.00
N.AKRON__115KV_KNAPP 355671	30.91 -1.47 0.00	35.98 -1.80 0.00	38.66 -1.72 0.00	36.24 -1.74 0.00	38.53 -2.28 0.00	41.19 -2.35 0.00	46.91 -2.87 0.00	36.56 -2.87 0.00	27.23 -1.75 0.00	28.16 -1.37 0.00	29.51 -1.36 0.00	26.32 -1.51 0.00	24.32 -1.54 0.00	12.47 -0.48 0.00	15.40 -0.44 0.00	14.56 -0.61 0.00	16.77 -0.85 0.00	30.74 -2.06 0.00	37.41 -3.07 0.00	27.24 -2.03 0.00	26.40 -2.08 0.00	32.71 -2.53 0.00	38.99 -2.47 0.00	31.59 -2.20 0.00
N.BELMOR_69_KV_BK1 55787	33.74 1.37 0.00	39.23 1.45 0.00	41.73 1.34 0.00	39.16 1.18 0.00	42.00 1.19 0.00	45.08 1.54 0.00	51.97 2.19 0.00	39.44 2.31 2.29	29.19 1.33 1.13	29.35 1.32 1.49	31.13 1.83 1.57	26.73 1.68 2.77	32.88 1.35 -5.67	11.48 0.54 2.01	14.29 0.50 2.05	13.23 0.60 2.55	14.98 0.73 3.37	31.57 1.49 2.72	40.91 2.35 1.92	29.66 1.82 1.41	29.36 1.91 1.03	36.59 2.08 0.72	43.19 2.25 0.51	35.00 2.00 0.79
N.E_GEN_SANDY PD 24062	33.18 0.81 0.00	38.65 0.87 0.00	41.24 0.86 0.00	38.83 0.85 0.00	41.39 1.00 0.43	45.72 1.22 -0.96	51.57 1.79 0.00	40.91 1.48 0.00	29.86 0.87 0.00	30.39 0.75 -0.12	31.75 0.77 -0.11	28.54 0.71 0.00	26.53 0.68 0.00	13.27 0.32 0.00	15.38 0.33 0.81	15.54 0.36 0.00	23.42 0.45 -5.34	34.74 0.94 -1.00	41.95 1.33 -0.15	30.83 1.08 -0.49	29.53 1.05 0.00	38.35 1.24 -1.88	42.80 1.34 0.00	34.96 1.17 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.46 1.08 0.00	38.86 1.08 0.00	41.44 1.05 0.00	39.03 1.06 0.00	41.97 1.16 0.00	44.99 1.46 0.00	51.99 2.21 0.00	41.83 1.98 -0.42	30.20 1.22 0.00	30.65 1.13 0.00	32.09 1.22 0.00	29.01 1.18 0.00	26.92 1.07 0.00	13.43 0.49 0.00	16.38 0.54 0.00	15.76 0.59 0.00	18.36 0.74 0.00	34.26 1.46 0.00	42.48 2.01 0.00	30.74 1.48 0.00	29.94 1.47 0.00	36.82 1.59 0.00	43.26 1.80 0.00	35.33 1.54 0.00
N.QUEENS_27_KV_LOAD 356247	34.16 1.78 0.00	39.61 1.83 0.00	42.17 1.78 0.00	39.70 1.72 0.00	42.63 1.82 0.00	45.75 2.18 -0.04	53.80 3.14 -0.89	60.06 2.81 -17.82	55.62 1.75 -24.89	65.63 1.72 -34.40	66.44 1.91 -33.66	98.23 1.70 -68.70	101.27 1.50 -73.92	71.17 0.72 -57.50	63.86 0.81 -47.20	74.59 0.82 -58.59	96.12 0.97 -77.53	97.27 1.86 -62.60	87.20 2.55 -44.17	63.74 1.96 -32.52	54.20 1.96 -23.76	54.03 2.24 -16.55	55.86 2.57 -11.84	54.26 2.17 -18.30
N.TROY___115KV_TB1 355778	33.01 0.63 0.00	38.51 0.73 0.00	41.11 0.73 0.00	38.68 0.70 0.00	41.70 0.89 0.00	44.55 1.02 0.00	51.27 1.49 0.00	40.57 1.15 0.00	29.60 0.61 0.00	29.98 0.46 0.00	31.34 0.47 0.00	28.23 0.40 0.00	26.25 0.40 0.00	13.14 0.19 0.00	16.04 0.19 0.00	15.38 0.20 0.00	17.88 0.26 0.00	33.49 0.68 0.00	41.38 0.90 0.00	30.00 0.74 0.00	29.20 0.72 0.00	36.13 0.89 0.00	42.51 1.05 0.00	34.75 0.96 0.00
NARROWS_GT1_1 24228	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_2 24229	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_3 24230	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_4 24231	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75

NARROWS_GT1_5 24232	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_6 24233	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_7 24234	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT1_8 24235	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_1 24236	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_2 24237	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_3 24238	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_4 24239	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_5 24240	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_6 24241	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_7 24242	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NARROWS_GT2_8 24243	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.38 1.01 0.00	38.96 1.18 0.00	41.57 1.19 0.00	39.16 1.18 0.00	42.15 1.33 0.00	44.97 1.43 0.00	51.81 2.03 0.00	40.89 1.46 0.00	29.90 0.91 0.00	30.50 0.98 0.00	31.58 0.71 0.00	28.34 0.51 0.00	26.50 0.64 0.00	13.18 0.23 0.00	16.08 0.23 0.00	15.38 0.20 0.00	17.87 0.25 0.00	33.58 0.78 0.00	41.87 1.40 0.00	30.53 1.27 0.00	29.72 1.24 0.00	36.65 1.42 0.00	42.93 1.47 0.00	34.99 1.20 0.00
NCHELSEA_115KV_TR2 355582	33.76 1.38 0.00	39.26 1.48 0.00	41.88 1.49 0.00	39.42 1.45 0.00	42.41 1.60 0.00	45.43 1.89 0.00	52.38 2.60 0.00	41.69 2.26 0.00	30.42 1.43 0.00	30.86 1.34 0.00	32.27 1.40 0.00	29.14 1.31 0.00	27.04 1.19 0.00	13.50 0.55 0.00	16.44 0.59 0.00	15.81 0.63 0.00	18.41 0.79 0.00	34.38 1.58 0.00	42.67 2.19 0.00	30.97 1.70 0.00	30.15 1.67 0.00	37.10 1.87 0.00	43.51 2.05 0.00	35.52 1.72 0.00
NEG CAPITAL___MECHNVIL 23645	33.56 1.19 0.00	39.19 1.41 0.00	41.85 1.46 0.00	39.34 1.36 0.00	42.43 1.61 0.00	45.36 1.82 0.00	52.18 2.40 0.00	41.26 1.83 0.00	30.04 1.06 0.00	30.40 0.88 0.00	31.80 0.92 0.00	28.62 0.79 0.00	26.61 0.75 0.00	13.33 0.38 0.00	16.24 0.39 0.00	15.55 0.38 0.00	18.11 0.49 0.00	34.03 1.23 0.00	41.96 1.49 0.00	30.39 1.13 0.00	29.57 1.09 0.00	36.58 1.35 0.00	43.18 1.73 0.00	35.36 1.57 0.00

NEG CENTRAL_HIGH_ACRES 23767	31.09 -1.29 0.00	36.26 -1.52 0.00	38.83 -1.55 0.00	36.39 -1.59 0.00	38.93 -1.89 0.00	41.71 -1.82 0.00	47.82 -1.96 0.00	37.73 -1.70 0.00	27.83 -1.16 0.00	28.54 -0.98 0.00	29.85 -1.02 0.00	26.72 -1.12 0.00	24.72 -1.14 0.00	12.48 -0.47 0.00	15.33 -0.51 0.00	14.65 -0.52 0.00	17.01 -0.61 0.00	31.45 -1.35 0.00	38.57 -1.91 0.00	27.98 -1.28 0.00	27.16 -1.31 0.00	33.50 -1.74 0.00	39.58 -1.88 0.00	32.16 -1.63 0.00
NEG CENTRAL___DRP 24199	32.35 -0.02 0.00	37.76 -0.02 0.00	40.44 0.06 0.00	37.96 -0.02 0.00	40.71 -0.11 0.00	43.47 -0.06 0.00	49.89 0.12 0.00	39.48 0.05 0.00	29.02 0.03 0.00	29.63 0.12 0.00	30.93 0.06 0.00	27.74 -0.10 0.00	25.55 -0.30 0.00	12.83 -0.12 0.00	15.72 -0.13 0.00	15.09 -0.08 0.00	17.55 -0.07 0.00	32.58 -0.22 0.00	40.21 -0.27 0.00	29.15 -0.11 0.00	28.30 -0.18 0.00	34.82 -0.42 0.00	41.04 -0.42 0.00	33.40 -0.40 0.00
NEG CENTRAL___INDECK 23768	32.67 0.30 0.00	38.11 0.33 0.00	40.82 0.44 0.00	38.25 0.27 0.00	40.90 0.09 0.00	43.70 0.16 0.00	50.17 0.39 0.00	39.55 0.12 0.00	29.08 0.09 0.00	29.51 -0.01 0.00	30.81 -0.06 0.00	27.29 -0.54 0.00	25.12 -0.73 0.00	12.70 -0.25 0.00	15.60 -0.24 0.00	14.91 -0.27 0.00	17.24 -0.37 0.00	32.46 -0.34 0.00	40.11 -0.36 0.00	29.08 -0.18 0.00	28.22 -0.25 0.00	34.66 -0.57 0.00	40.85 -0.61 0.00	33.12 -0.68 0.00
NEG CENTRAL___SENECA 23627	32.45 0.08 0.00	37.89 0.11 0.00	40.59 0.20 0.00	38.08 0.10 0.00	40.83 0.01 0.00	43.59 0.06 0.00	49.99 0.21 0.00	39.57 0.14 0.00	29.08 0.09 0.00	29.71 0.19 0.00	30.99 0.12 0.00	27.74 -0.09 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.73 -0.12 0.00	15.10 -0.07 0.00	17.55 -0.07 0.00	32.57 -0.23 0.00	40.24 -0.23 0.00	29.18 -0.08 0.00	28.31 -0.16 0.00	34.81 -0.43 0.00	41.04 -0.42 0.00	33.39 -0.41 0.00
NEG CENTRAL___STATE_STREET 24147	32.51 0.13 0.00	37.96 0.18 0.00	40.64 0.25 0.00	38.17 0.19 0.00	40.85 0.03 0.00	43.75 0.21 0.00	50.25 0.47 0.00	39.71 0.29 0.00	29.12 0.13 0.00	29.72 0.20 0.00	30.96 0.10 0.00	27.88 0.04 0.00	25.71 -0.15 0.00	12.89 -0.06 0.00	15.74 -0.10 0.00	15.14 -0.04 0.00	17.67 0.05 0.00	32.84 0.04 0.00	40.42 -0.06 0.00	29.38 0.12 0.00	28.54 0.06 0.00	35.09 -0.15 0.00	41.39 -0.07 0.00	33.72 -0.08 0.00
NEG MILLWOOD___DRP 24198	33.89 1.51 0.00	39.40 1.62 0.00	42.01 1.63 0.00	39.56 1.59 0.00	42.55 1.74 0.00	45.60 2.07 0.00	52.61 2.83 0.00	41.90 2.48 0.00	30.55 1.57 0.00	31.00 1.48 0.00	32.45 1.58 0.00	29.29 1.45 0.00	27.16 1.31 0.00	13.56 0.61 0.00	16.52 0.67 0.00	15.87 0.69 0.00	18.47 0.85 0.00	34.49 1.68 0.00	42.81 2.34 0.00	31.07 1.81 0.00	30.27 1.79 0.00	37.23 2.00 0.00	43.67 2.21 0.00	35.63 1.84 0.00
NEG NORTH_FLCN_SEA 23793	32.78 0.41 0.00	38.49 0.71 0.00	41.02 0.64 0.00	38.67 0.69 0.00	41.66 0.85 0.00	44.58 1.05 0.00	50.88 1.10 0.00	40.04 0.61 0.00	29.46 0.47 0.00	30.18 0.66 0.00	31.72 0.85 0.00	28.63 0.80 0.00	26.58 0.73 0.00	13.34 0.39 0.00	16.31 0.46 0.00	15.56 0.39 0.00	18.08 0.46 0.00	33.43 0.63 0.00	41.06 0.58 0.00	29.70 0.44 0.00	28.91 0.43 0.00	36.27 1.04 0.00	42.67 1.21 0.00	34.63 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	32.51 0.13 0.00	38.16 0.39 0.00	40.70 0.32 0.00	38.40 0.42 0.00	41.30 0.49 0.00	44.22 0.68 0.00	50.38 0.61 0.00	39.63 0.20 0.00	29.20 0.21 0.00	29.92 0.40 0.00	31.39 0.52 0.00	28.33 0.49 0.00	26.30 0.44 0.00	13.19 0.24 0.00	16.14 0.29 0.00	15.38 0.21 0.00	17.85 0.23 0.00	32.95 0.15 0.00	40.56 0.09 0.00	29.36 0.10 0.00	28.59 0.12 0.00	35.93 0.69 0.00	42.30 0.84 0.00	34.29 0.50 0.00
NEG NORTH___ALICE_FALLS 23915	32.79 0.42 0.00	38.49 0.71 0.00	41.03 0.64 0.00	38.68 0.70 0.00	41.67 0.86 0.00	44.59 1.05 0.00	50.95 1.17 0.00	40.08 0.66 0.00	29.47 0.48 0.00	30.15 0.64 0.00	31.68 0.82 0.00	28.58 0.75 0.00	26.54 0.68 0.00	13.31 0.36 0.00	16.28 0.43 0.00	15.53 0.36 0.00	18.06 0.44 0.00	33.38 0.58 0.00	41.05 0.57 0.00	29.71 0.45 0.00	28.93 0.45 0.00	36.30 1.06 0.00	42.68 1.23 0.00	34.62 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	32.79 0.42 0.00	38.49 0.71 0.00	41.03 0.64 0.00	38.68 0.70 0.00	41.67 0.86 0.00	44.59 1.05 0.00	50.95 1.17 0.00	40.08 0.66 0.00	29.47 0.48 0.00	30.15 0.64 0.00	31.68 0.82 0.00	28.58 0.75 0.00	26.54 0.68 0.00	13.31 0.36 0.00	16.28 0.43 0.00	15.53 0.36 0.00	18.06 0.44 0.00	33.38 0.58 0.00	41.05 0.57 0.00	29.71 0.45 0.00	28.93 0.45 0.00	36.30 1.06 0.00	42.68 1.23 0.00	34.62 0.83 0.00
NEG NORTH___PLATTSBURG 23628	32.79 0.42 0.00	38.49 0.71 0.00	41.03 0.64 0.00	38.68 0.70 0.00	41.67 0.86 0.00	44.58 1.05 0.00	50.95 1.17 0.00	40.08 0.65 0.00	29.47 0.48 0.00	30.16 0.63 0.00	31.68 0.82 0.00	28.58 0.75 0.00	26.54 0.68 0.00	13.31 0.36 0.00	16.28 0.43 0.00	15.53 0.36 0.00	18.06 0.44 0.00	33.38 0.58 0.00	41.05 0.57 0.00	29.71 0.45 0.00	28.93 0.45 0.00	36.29 1.06 0.00	42.68 1.22 0.00	34.62 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	30.46 -1.92 0.00	35.47 -2.31 0.00	38.13 -2.26 0.00	35.72 -2.25 0.00	37.92 -2.89 0.00	40.47 -3.07 0.00	45.95 -3.82 0.00	35.74 -3.69 0.00	26.63 -2.36 0.00	27.59 -1.93 0.00	29.04 -1.83 0.00	25.97 -1.86 0.00	24.06 -1.79 0.00	12.35 -0.60 0.00	15.22 -0.62 0.00	14.36 -0.81 0.00	16.55 -1.06 0.00	30.15 -2.65 0.00	36.59 -3.88 0.00	26.64 -2.62 0.00	25.81 -2.67 0.00	32.01 -3.23 0.00	38.23 -3.22 0.00	31.02 -2.77 0.00
NEG WEST___LANCASTER 23811	31.74 -0.63 0.00	37.07 -0.71 0.00	39.81 -0.58 0.00	37.28 -0.70 0.00	39.66 -1.16 0.00	42.26 -1.27 0.00	48.32 -1.46 0.00	37.83 -1.59 0.00	27.99 -1.00 0.00	28.83 -0.69 0.00	30.32 -0.55 0.00	27.22 -0.62 0.00	25.22 -0.64 0.00	12.82 -0.12 0.00	15.78 -0.07 0.00	14.93 -0.25 0.00	17.29 -0.33 0.00	31.67 -1.13 0.00	38.53 -1.94 0.00	27.96 -1.30 0.00	27.08 -1.39 0.00	33.45 -1.78 0.00	39.90 -1.56 0.00	32.41 -1.39 0.00
NEG_PENN_ALLEGHNY 23528	32.59 0.21 0.00	38.09 0.32 0.00	40.80 0.42 0.00	38.31 0.33 0.00	41.15 0.33 0.00	43.84 0.30 0.00	50.55 0.77 0.00	40.04 0.62 0.00	29.34 0.35 0.00	29.88 0.37 0.00	31.29 0.42 0.00	28.17 0.34 0.00	26.09 0.23 0.00	13.05 0.10 0.00	15.93 0.08 0.00	15.23 0.05 0.00	17.72 0.10 0.00	32.91 0.10 0.00	40.56 0.09 0.00	29.38 0.12 0.00	28.53 0.05 0.00	35.12 -0.11 0.00	41.42 -0.03 0.00	33.76 -0.04 0.00
NEG___GEN_MONROE 24207	31.56 -0.82 0.00	36.78 -1.00 0.00	39.42 -0.96 0.00	36.98 -1.00 0.00	39.49 -1.32 0.00	42.25 -1.28 0.00	48.32 -1.45 0.00	38.00 -1.43 0.00	28.13 -0.86 0.00	28.89 -0.63 0.00	30.20 -0.67 0.00	26.96 -0.88 0.00	24.94 -0.92 0.00	12.67 -0.28 0.00	15.58 -0.27 0.00	14.83 -0.34 0.00	17.16 -0.46 0.00	31.76 -1.04 0.00	38.89 -1.59 0.00	28.23 -1.03 0.00	27.41 -1.07 0.00	33.85 -1.39 0.00	40.11 -1.35 0.00	32.53 -1.27 0.00

NEPA___ENERGY 23901	31.95 -0.43 0.00	37.33 -0.45 0.00	40.10 -0.28 0.00	37.55 -0.43 0.00	39.89 -0.93 0.00	42.41 -1.13 0.00	48.85 -0.93 0.00	38.34 -1.08 0.00	28.20 -0.78 0.00	28.99 -0.53 0.00	30.42 -0.45 0.00	27.47 -0.36 0.00	25.53 -0.32 0.00	12.98 0.03 0.00	15.93 0.09 0.00	15.01 -0.17 0.00	17.54 -0.07 0.00	32.25 -0.56 0.00	39.12 -1.35 0.00	28.17 -1.09 0.00	27.20 -1.27 0.00	33.44 -1.80 0.00	39.97 -1.49 0.00	32.60 -1.20 0.00
NEVERSink___HYD 23608	33.83 1.46 0.00	39.37 1.59 0.00	42.04 1.65 0.00	39.56 1.59 0.00	42.54 1.72 0.00	45.55 2.02 0.00	52.45 2.68 0.00	41.73 2.30 0.00	30.51 1.53 0.00	30.91 1.39 0.00	32.29 1.42 0.00	29.13 1.30 0.00	27.05 1.20 0.00	13.43 0.48 0.00	16.36 0.51 0.00	15.72 0.54 0.00	18.34 0.72 0.00	34.38 1.58 0.00	42.73 2.25 0.00	31.01 1.75 0.00	30.22 1.74 0.00	37.19 1.95 0.00	43.62 2.16 0.00	35.54 1.75 0.00
NEWKRMKL_115KV_TB1 55635	32.71 0.34 0.00	38.15 0.37 0.00	40.68 0.29 0.00	38.31 0.34 0.00	41.14 0.33 0.00	43.88 0.35 0.00	50.46 0.69 0.00	39.97 0.55 0.00	29.29 0.31 0.00	29.75 0.23 0.00	31.13 0.26 0.00	28.13 0.30 0.00	26.17 0.32 0.00	13.08 0.13 0.00	16.00 0.16 0.00	15.35 0.17 0.00	17.84 0.22 0.00	33.38 0.57 0.00	41.23 0.76 0.00	29.93 0.66 0.00	29.12 0.64 0.00	35.95 0.72 0.00	42.15 0.69 0.00	34.44 0.65 0.00
NEWTON___FALLS_HYD 23847	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.01 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.44 0.00	17.33 -0.28 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
NGRID_A1_DSASP 323792	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.27 -3.55 0.00	39.71 -3.83 0.00	45.01 -4.77 0.00	35.03 -4.40 0.00	26.11 -2.88 0.00	27.14 -2.38 0.00	28.62 -2.25 0.00	25.72 -2.12 0.00	23.81 -2.05 0.00	12.18 -0.77 0.00	14.99 -0.86 0.00	14.17 -1.01 0.00	16.35 -1.27 0.00	29.68 -3.12 0.00	35.89 -4.58 0.00	26.17 -3.09 0.00	25.38 -3.10 0.00	31.44 -3.79 0.00	37.63 -3.83 0.00	30.59 -3.21 0.00
NGRID_A2_DSASP 323793	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.27 -3.55 0.00	39.71 -3.83 0.00	45.01 -4.77 0.00	35.03 -4.40 0.00	26.11 -2.88 0.00	27.14 -2.38 0.00	28.62 -2.25 0.00	25.72 -2.12 0.00	23.81 -2.05 0.00	12.18 -0.77 0.00	14.99 -0.86 0.00	14.17 -1.01 0.00	16.35 -1.27 0.00	29.68 -3.12 0.00	35.89 -4.58 0.00	26.17 -3.09 0.00	25.38 -3.10 0.00	31.44 -3.79 0.00	37.63 -3.83 0.00	30.59 -3.21 0.00
NGRID_A4_DSASP 323807	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.27 -3.55 0.00	39.71 -3.83 0.00	45.01 -4.77 0.00	35.03 -4.40 0.00	26.11 -2.88 0.00	27.14 -2.38 0.00	28.62 -2.25 0.00	25.72 -2.12 0.00	23.81 -2.05 0.00	12.18 -0.77 0.00	14.99 -0.86 0.00	14.17 -1.01 0.00	16.35 -1.27 0.00	29.68 -3.12 0.00	35.89 -4.58 0.00	26.17 -3.09 0.00	25.38 -3.10 0.00	31.44 -3.79 0.00	37.63 -3.83 0.00	30.59 -3.21 0.00
NIAGARA_115E_LBMP 323715	29.99 -2.38 0.00	34.86 -2.92 0.00	37.48 -2.90 0.00	35.14 -2.84 0.00	37.32 -3.50 0.00	39.83 -3.70 0.00	45.15 -4.62 0.00	35.03 -4.40 0.00	26.11 -2.88 0.00	27.11 -2.41 0.00	28.53 -2.34 0.00	25.63 -2.21 0.00	23.72 -2.13 0.00	12.20 -0.75 0.00	15.01 -0.84 0.00	14.17 -1.01 0.00	16.29 -1.32 0.00	29.60 -3.21 0.00	35.85 -4.62 0.00	26.15 -3.11 0.00	25.34 -3.13 0.00	31.44 -3.80 0.00	37.60 -3.86 0.00	30.52 -3.27 0.00
NIAGARA_115W_LBMP 323714	29.83 -2.55 0.00	34.80 -2.98 0.00	37.43 -2.96 0.00	35.05 -2.93 0.00	37.15 -3.67 0.00	39.59 -3.95 0.00	44.86 -4.91 0.00	34.92 -4.51 0.00	26.03 -2.96 0.00	27.05 -2.47 0.00	28.53 -2.34 0.00	25.63 -2.20 0.00	23.74 -2.12 0.00	12.14 -0.81 0.00	14.94 -0.91 0.00	14.12 -1.05 0.00	16.30 -1.32 0.00	29.58 -3.22 0.00	35.77 -4.70 0.00	26.09 -3.17 0.00	25.30 -3.18 0.00	31.34 -3.89 0.00	37.51 -3.95 0.00	30.49 -3.30 0.00
NIAGARA_230_LBMP 323716	30.17 -2.21 0.00	35.18 -2.60 0.00	37.83 -2.55 0.00	35.43 -2.54 0.00	37.57 -3.24 0.00	40.06 -3.47 0.00	45.45 -4.33 0.00	35.40 -4.02 0.00	26.36 -2.63 0.00	27.36 -2.16 0.00	28.84 -2.03 0.00	25.92 -1.91 0.00	24.00 -1.85 0.00	12.26 -0.69 0.00	15.11 -0.74 0.00	14.27 -0.90 0.00	16.47 -1.15 0.00	29.95 -2.85 0.00	36.24 -4.23 0.00	26.40 -2.86 0.00	25.60 -2.88 0.00	31.69 -3.54 0.00	37.93 -3.53 0.00	30.83 -2.96 0.00
NIAGARA___115KV_198_GIBSON 55903	29.83 -2.55 0.00	34.80 -2.98 0.00	37.43 -2.96 0.00	35.06 -2.92 0.00	37.13 -3.69 0.00	39.58 -3.96 0.00	44.82 -4.96 0.00	34.86 -4.57 0.00	26.02 -2.97 0.00	27.03 -2.49 0.00	28.52 -2.35 0.00	25.58 -2.25 0.00	23.72 -2.13 0.00	12.15 -0.80 0.00	14.95 -0.90 0.00	14.12 -1.06 0.00	16.30 -1.32 0.00	29.54 -3.27 0.00	35.78 -4.69 0.00	26.06 -3.20 0.00	25.27 -3.21 0.00	31.37 -3.87 0.00	37.53 -3.93 0.00	30.48 -3.31 0.00
NIAGARA___ 23760	30.17 -2.21 0.00	35.18 -2.60 0.00	37.83 -2.55 0.00	35.43 -2.54 0.00	37.57 -3.24 0.00	40.06 -3.47 0.00	45.45 -4.33 0.00	35.40 -4.02 0.00	26.36 -2.63 0.00	27.36 -2.16 0.00	28.84 -2.03 0.00	25.92 -1.91 0.00	24.00 -1.85 0.00	12.26 -0.69 0.00	15.11 -0.74 0.00	14.27 -0.90 0.00	16.47 -1.15 0.00	29.95 -2.85 0.00	36.24 -4.23 0.00	26.40 -2.86 0.00	25.60 -2.88 0.00	31.69 -3.54 0.00	37.93 -3.53 0.00	30.83 -2.96 0.00
NINE_MILE_1 23575	31.47 -0.91 0.00	36.72 -1.06 0.00	39.27 -1.11 0.00	36.91 -1.07 0.00	39.65 -1.17 0.00	42.31 -1.23 0.00	48.51 -1.27 0.00	38.39 -1.03 0.00	28.20 -0.78 0.00	28.74 -0.78 0.00	30.06 -0.81 0.00	27.06 -0.77 0.00	25.10 -0.76 0.00	12.58 -0.37 0.00	15.40 -0.44 0.00	14.75 -0.43 0.00	17.14 -0.48 0.00	31.88 -0.92 0.00	39.32 -1.16 0.00	28.48 -0.78 0.00	27.68 -0.80 0.00	34.16 -1.07 0.00	40.22 -1.23 0.00	32.77 -1.03 0.00
NINE_MILE_2 23744	31.47 -0.90 0.00	36.73 -1.05 0.00	39.28 -1.10 0.00	36.92 -1.06 0.00	39.66 -1.16 0.00	42.31 -1.23 0.00	48.51 -1.27 0.00	38.40 -1.03 0.00	28.21 -0.77 0.00	28.74 -0.78 0.00	30.06 -0.81 0.00	27.06 -0.77 0.00	25.10 -0.76 0.00	12.58 -0.37 0.00	15.41 -0.44 0.00	14.75 -0.43 0.00	17.14 -0.48 0.00	31.89 -0.92 0.00	39.33 -1.15 0.00	28.48 -0.78 0.00	27.68 -0.79 0.00	34.17 -1.07 0.00	40.24 -1.22 0.00	32.77 -1.02 0.00
NM_CAPITAL___DRP 24208	32.79 0.41 0.00	38.23 0.45 0.00	40.77 0.38 0.00	38.40 0.42 0.00	41.21 0.39 0.00	43.97 0.44 0.00	50.56 0.78 0.00	40.05 0.62 0.00	29.34 0.35 0.00	29.78 0.26 0.00	31.19 0.32 0.00	28.17 0.34 0.00	26.22 0.37 0.00	13.11 0.16 0.00	16.03 0.18 0.00	15.38 0.20 0.00	17.86 0.25 0.00	33.39 0.59 0.00	41.26 0.78 0.00	29.95 0.69 0.00	29.15 0.67 0.00	36.00 0.76 0.00	42.23 0.77 0.00	34.50 0.70 0.00

NM_CENTRAL___DRP 24181	32.02 -0.36 0.00	37.37 -0.41 0.00	39.98 -0.41 0.00	37.56 -0.42 0.00	40.36 -0.46 0.00	43.07 -0.46 0.00	49.47 -0.30 0.00	39.18 -0.25 0.00	28.76 -0.22 0.00	29.29 -0.23 0.00	30.63 -0.24 0.00	27.58 -0.25 0.00	25.55 -0.30 0.00	12.80 -0.15 0.00	15.67 -0.17 0.00	15.01 -0.17 0.00	17.47 -0.15 0.00	32.48 -0.32 0.00	40.09 -0.39 0.00	29.03 -0.24 0.00	28.20 -0.28 0.00	34.76 -0.47 0.00	40.92 -0.53 0.00	33.31 -0.48 0.00
NM_FRONTIER___DRP 24179	29.83 -2.55 0.00	34.80 -2.98 0.00	37.43 -2.96 0.00	35.06 -2.92 0.00	37.13 -3.69 0.00	39.58 -3.96 0.00	44.82 -4.96 0.00	34.86 -4.57 0.00	26.02 -2.97 0.00	27.03 -2.49 0.00	28.52 -2.35 0.00	25.58 -2.25 0.00	23.72 -2.13 0.00	12.15 -0.80 0.00	14.95 -0.90 0.00	14.12 -1.06 0.00	16.30 -1.32 0.00	29.54 -3.27 0.00	35.78 -4.69 0.00	26.06 -3.20 0.00	25.27 -3.21 0.00	31.37 -3.87 0.00	37.53 -3.93 0.00	30.48 -3.31 0.00
NM_ST_REGIS___HYD 24053	32.28 -0.09 0.00	37.67 -0.11 0.00	40.19 -0.19 0.00	37.81 -0.17 0.00	40.73 -0.08 0.00	43.54 0.00 0.00	49.30 -0.48 0.00	38.80 -0.63 0.00	28.74 -0.25 0.00	29.35 -0.17 0.00	30.68 -0.19 0.00	27.70 -0.13 0.00	25.71 -0.14 0.00	12.93 -0.02 0.00	15.79 -0.05 0.00	15.04 -0.14 0.00	17.52 -0.10 0.00	32.57 -0.23 0.00	40.11 -0.37 0.00	28.98 -0.28 0.00	28.28 -0.20 0.00	35.26 0.02 0.00	41.47 0.01 0.00	33.67 -0.13 0.00
NORTHPORT___1 23551	33.66 1.29 0.00	39.24 1.46 0.00	41.73 1.35 0.00	39.09 1.12 0.00	41.86 1.05 0.00	44.69 1.23 0.08	49.68 1.57 1.67	35.10 1.92 6.25	28.88 1.09 1.19	29.01 1.07 1.58	30.81 1.79 1.85	25.05 1.78 4.56	20.81 1.28 6.33	10.70 0.42 2.67	14.10 0.31 2.05	13.10 0.47 2.55	14.78 0.53 3.37	31.19 1.11 2.72	40.47 1.91 1.92	29.40 1.55 1.41	29.17 1.72 1.03	36.38 1.86 0.72	42.85 1.91 0.51	34.90 1.90 0.79
NORTHPORT___2 23552	33.66 1.29 0.00	39.24 1.46 0.00	41.73 1.35 0.00	39.09 1.12 0.00	41.86 1.05 0.00	44.69 1.23 0.08	49.68 1.57 1.67	35.10 1.92 6.25	28.88 1.09 1.19	29.01 1.07 1.58	30.81 1.79 1.85	25.05 1.78 4.56	20.81 1.28 6.33	10.70 0.42 2.67	14.10 0.31 2.05	13.10 0.47 2.55	14.78 0.53 3.37	31.19 1.11 2.72	40.47 1.91 1.92	29.40 1.55 1.41	29.17 1.72 1.03	36.38 1.86 0.72	42.85 1.91 0.51	34.90 1.90 0.79
NORTHPORT___3 23553	33.13 0.75 0.00	38.61 0.83 0.00	41.09 0.70 0.00	38.50 0.52 0.00	41.19 0.37 0.00	44.00 0.55 0.08	48.85 0.83 1.76	34.30 1.33 6.46	28.45 0.65 1.20	28.58 0.64 1.58	30.36 1.34 1.85	24.60 1.34 4.57	20.37 0.91 6.39	10.53 0.26 2.67	13.91 0.12 2.05	12.93 0.30 2.55	14.57 0.32 3.37	30.76 0.68 2.72	39.93 1.37 1.92	28.98 1.13 1.41	28.73 1.29 1.03	35.84 1.33 0.72	42.22 1.28 0.51	34.34 1.34 0.79
NORTHPORT___4 23650	33.13 0.75 0.00	38.61 0.83 0.00	41.09 0.70 0.00	38.50 0.52 0.00	41.19 0.37 0.00	44.00 0.55 0.08	48.85 0.83 1.76	34.30 1.33 6.46	28.45 0.65 1.20	28.58 0.64 1.58	30.36 1.34 1.85	24.60 1.34 4.57	20.37 0.91 6.39	10.53 0.26 2.67	13.91 0.12 2.05	12.93 0.30 2.55	14.57 0.32 3.37	30.76 0.68 2.72	39.93 1.37 1.92	28.98 1.13 1.41	28.73 1.29 1.03	35.84 1.33 0.72	42.22 1.28 0.51	34.34 1.34 0.79
NORTHPORT___IC 23718	33.66 1.29 0.00	39.25 1.46 0.00	41.73 1.34 0.00	39.09 1.12 0.00	41.87 1.05 0.00	44.72 1.26 0.08	49.92 1.81 1.67	35.38 2.20 6.25	28.90 1.11 1.19	29.04 1.09 1.58	30.81 1.79 1.85	25.06 1.78 4.56	20.81 1.28 6.33	10.70 0.42 2.67	14.10 0.30 2.05	13.12 0.49 2.55	14.78 0.53 3.37	31.20 1.11 2.72	40.48 1.93 1.92	29.40 1.55 1.41	29.17 1.72 1.03	36.38 1.86 0.72	42.90 1.95 0.51	34.89 1.90 0.79
NORTH___COUNTRY_ESR 323785	32.43 0.05 0.00	38.07 0.29 0.00	40.60 0.21 0.00	38.30 0.32 0.00	41.19 0.38 0.00	44.09 0.56 0.00	50.21 0.44 0.00	39.50 0.08 0.00	29.19 0.21 0.00	29.91 0.39 0.00	31.39 0.52 0.00	28.32 0.49 0.00	26.30 0.44 0.00	13.19 0.24 0.00	16.13 0.29 0.00	15.38 0.21 0.00	17.84 0.23 0.00	32.94 0.14 0.00	40.47 0.00 0.00	29.26 0.00 0.00	28.50 0.02 0.00	35.82 0.58 0.00	42.18 0.72 0.00	34.21 0.42 0.00
NPX_GEN_1385_PROXY 323591	33.88 1.51 0.00	39.64 1.86 0.00	41.95 1.57 0.00	39.23 1.25 0.00	42.16 1.34 0.00	45.01 1.55 0.08	50.04 1.93 1.67	35.37 2.19 6.25	28.92 1.12 1.19	29.00 1.06 1.58	30.54 1.53 1.85	24.97 1.70 4.56	20.76 1.23 6.33	10.53 0.25 2.67	13.89 0.10 2.05	12.90 0.27 2.55	14.48 0.23 3.37	31.03 0.95 2.72	40.28 1.72 1.92	29.49 1.65 1.41	29.18 1.73 1.03	36.60 2.08 0.72	42.72 1.78 0.51	34.91 1.91 0.79
NPX_GEN_CSC 323557	34.12 1.75 0.00	39.57 1.78 0.00	41.92 1.54 0.00	39.25 1.28 0.00	42.08 1.26 0.00	45.06 1.61 0.08	50.07 2.01 1.72	35.32 2.27 6.37	29.12 1.33 1.19	29.17 1.23 1.58	30.93 1.90 1.84	25.14 1.81 4.51	21.25 1.36 5.96	10.74 0.44 2.65	14.12 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.27 1.92	29.51 1.66 1.41	29.53 2.08 1.03	36.79 2.28 0.72	43.26 2.31 0.51	35.08 2.07 0.79
NSINS_S___GLNS_FALLS 23858	33.90 1.52 0.00	39.61 1.83 0.00	42.25 1.86 0.00	39.67 1.69 0.00	42.87 2.06 0.00	45.89 2.36 0.00	52.76 2.99 0.00	41.69 2.26 0.00	30.21 1.22 0.00	30.49 0.97 0.00	31.89 1.02 0.00	28.73 0.89 0.00	26.65 0.79 0.00	13.41 0.46 0.00	16.31 0.47 0.00	15.54 0.36 0.00	18.06 0.45 0.00	33.90 1.10 0.00	41.61 1.14 0.00	30.09 0.83 0.00	29.30 0.83 0.00	36.33 1.10 0.00	43.38 1.92 0.00	35.79 1.99 0.00
NUCOR_STEEL___DRP 24197	32.48 0.11 0.00	37.93 0.15 0.00	40.60 0.22 0.00	38.13 0.16 0.00	40.78 -0.03 0.00	43.71 0.17 0.00	50.20 0.42 0.00	39.68 0.26 0.00	29.09 0.10 0.00	29.69 0.17 0.00	30.92 0.05 0.00	27.86 0.02 0.00	25.70 -0.15 0.00	12.89 -0.06 0.00	15.74 -0.11 0.00	15.13 -0.05 0.00	17.66 0.04 0.00	32.83 0.03 0.00	40.37 -0.10 0.00	29.36 0.10 0.00	28.52 0.04 0.00	35.06 -0.18 0.00	41.37 -0.09 0.00	33.70 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	32.06 -0.32 0.00	37.16 -0.62 0.00	39.59 -0.79 0.00	36.89 -1.08 0.00	39.99 -0.83 0.00	42.81 -0.73 0.00	49.66 -0.12 0.00	39.73 0.30 0.00	29.36 0.37 0.00	29.60 0.08 0.00	30.72 -0.15 0.00	27.66 -0.18 0.00	25.71 -0.15 0.00	12.71 -0.24 0.00	15.40 -0.44 0.00	14.80 -0.38 0.00	17.47 -0.15 0.00	32.77 -0.04 0.00	40.60 0.12 0.00	29.47 0.21 0.00	28.57 0.09 0.00	34.84 -0.40 0.00	40.72 -0.74 0.00	33.07 -0.73 0.00
NYISO_LBMP_REFERENCE 24008	32.38 0.00 0.00	37.78 0.00 0.00	40.39 0.00 0.00	37.98 0.00 0.00	40.82 0.00 0.00	43.54 0.00 0.00	49.78 0.00 0.00	39.43 0.00 0.00	28.99 0.00 0.00	29.52 0.00 0.00	30.87 0.00 0.00	27.83 0.00 0.00	25.85 0.00 0.00	12.95 0.00 0.00	15.85 0.00 0.00	15.18 0.00 0.00	17.62 0.00 0.00	32.80 0.00 0.00	40.47 0.00 0.00	29.26 0.00 0.00	28.48 0.00 0.00	35.24 0.00 0.00	41.46 0.00 0.00	33.80 0.00 0.00

NYPA_BRENTWD____GT 24164	34.01 1.64 0.00	39.58 1.80 0.00	42.07 1.68 0.00	39.42 1.44 0.00	42.24 1.42 0.00	45.17 1.71 0.08	50.33 2.20 1.65	35.62 2.39 6.20	29.24 1.44 1.19	29.33 1.39 1.58	31.06 2.03 1.83	25.36 1.96 4.44	21.84 1.48 5.50	10.88 0.55 2.63	14.26 0.47 2.05	13.25 0.61 2.55	14.99 0.74 3.37	31.60 1.52 2.72	41.04 2.48 1.92	29.80 1.96 1.41	29.59 2.15 1.03	36.87 2.35 0.72	43.40 2.45 0.51	35.25 2.25 0.79
NYPA_GOWANUS____GT5 24156	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NYPA_GOWANUS____GT6 24157	51.33 1.95 -17.00	50.01 2.03 -10.20	46.23 2.02 -3.83	39.94 1.95 -0.01	42.91 2.09 -0.01	46.00 2.45 -0.01	53.07 3.29 0.00	60.43 2.93 -18.07	58.97 1.88 -28.11	70.90 1.80 -39.58	71.99 1.98 -39.14	110.96 1.80 -81.33	111.29 1.62 -83.82	80.43 0.76 -66.72	70.24 0.86 -53.53	82.48 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.44 2.74 -50.22	68.22 2.08 -36.88	57.50 2.08 -26.94	60.57 2.43 -22.91	57.67 2.79 -13.42	56.87 2.33 -20.75
NYPA_HARLEM__RVR__GT1 24160	34.06 1.69 0.01	39.53 1.75 0.00	42.08 1.70 0.00	39.62 1.64 0.00	42.54 1.73 0.00	45.62 2.09 0.00	52.86 3.08 -0.01	57.82 2.67 -15.73	77.33 1.66 -46.68	92.08 1.62 -60.94	84.10 1.81 -51.42	143.23 1.63 -113.77	139.73 1.42 -112.46	121.74 0.69 -108.10	105.36 0.78 -88.73	126.09 0.77 -110.14	147.64 0.92 -129.11	152.23 1.75 -117.68	125.97 2.46 -83.04	87.43 1.88 -56.29	75.02 1.88 -44.66	68.54 2.18 -31.12	66.18 2.47 -22.26	65.56 2.08 -29.69
NYPA_HARLEM__RVR__GT2 24161	34.06 1.69 0.01	39.53 1.75 0.00	42.08 1.70 0.00	39.62 1.64 0.00	42.54 1.73 0.00	45.62 2.09 0.00	52.86 3.08 -0.01	57.82 2.67 -15.73	77.33 1.66 -46.68	92.08 1.62 -60.94	84.10 1.81 -51.42	143.23 1.63 -113.77	139.73 1.42 -112.46	121.74 0.69 -108.10	105.36 0.78 -88.73	126.09 0.77 -110.14	147.64 0.92 -129.11	152.23 1.75 -117.68	125.97 2.46 -83.04	87.43 1.88 -56.29	75.02 1.88 -44.66	68.54 2.18 -31.12	66.18 2.47 -22.26	65.56 2.08 -29.69
NYPA_KENT____GT 24152	44.20 1.86 -9.96	45.70 1.94 -5.98	44.56 1.93 -2.24	39.84 1.85 0.00	42.80 1.98 0.00	45.89 2.35 0.00	52.95 3.17 0.00	60.32 2.82 -18.07	58.90 1.80 -28.11	70.80 1.75 -39.53	71.93 1.92 -39.14	110.90 1.73 -81.33	111.22 1.54 -83.82	78.01 0.73 -64.32	70.20 0.83 -53.53	82.44 0.82 -66.44	106.53 0.99 -87.93	105.24 1.90 -70.54	93.12 2.62 -50.02	68.14 2.00 -36.88	57.41 2.00 -26.94	57.73 2.31 -20.18	57.55 2.67 -13.42	56.79 2.24 -20.75
NYPA_POUCH1____GT 24155	51.27 1.89 -17.00	49.93 1.95 -10.20	46.14 1.93 -3.83	39.83 1.85 -0.01	42.79 1.97 -0.01	45.85 2.30 -0.01	52.90 3.12 0.00	60.22 2.79 -18.01	58.48 1.75 -27.74	59.99 1.63 -28.84	57.08 1.82 -24.39	98.91 1.67 -69.41	104.33 1.51 -76.96	72.88 0.71 -59.22	62.52 0.79 -45.88	75.39 0.79 -59.43	103.56 0.96 -84.98	102.76 1.87 -68.08	88.37 2.59 -45.31	68.09 1.95 -36.88	57.38 1.96 -26.94	60.45 2.31 -22.91	57.52 2.64 -13.42	56.75 2.21 -20.75
NYPA_VERNON____GT2 24162	37.08 1.78 -2.92	41.38 1.85 -1.76	42.86 1.81 -0.66	39.74 1.76 0.00	42.71 1.89 0.00	45.78 2.24 0.00	52.83 3.05 0.00	60.22 2.72 -18.07	58.84 1.74 -28.11	70.70 1.70 -39.47	71.90 1.89 -39.14	110.86 1.70 -81.33	111.18 1.50 -83.82	78.62 0.72 -64.95	70.19 0.81 -53.53	82.43 0.81 -66.44	106.51 0.96 -87.93	105.50 1.84 -70.86	93.10 2.55 -50.07	68.09 1.96 -36.88	57.37 1.95 -26.94	56.44 2.23 -18.97	57.43 2.55 -13.42	56.69 2.15 -20.75
NYPA_VERNON____GT3 24163	37.08 1.78 -2.92	41.38 1.85 -1.76	42.86 1.81 -0.66	39.74 1.76 0.00	42.71 1.89 0.00	45.78 2.24 0.00	52.83 3.05 0.00	60.22 2.72 -18.07	58.84 1.74 -28.11	70.70 1.70 -39.47	71.90 1.89 -39.14	110.86 1.70 -81.33	111.18 1.50 -83.82	78.62 0.72 -64.95	70.19 0.81 -53.53	82.43 0.81 -66.44	106.51 0.96 -87.93	105.50 1.84 -70.86	93.10 2.55 -50.07	68.09 1.96 -36.88	57.37 1.95 -26.94	56.44 2.23 -18.97	57.43 2.55 -13.42	56.69 2.15 -20.75
NYPA__ASTORIA_CC1 323568	34.13 1.75 0.00	39.59 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.85 0.00	45.72 2.19 0.00	52.79 3.01 0.00	60.18 2.69 -18.07	58.80 1.70 -28.11	70.77 1.67 -39.58	71.87 1.86 -39.14	110.83 1.66 -81.33	111.15 1.47 -83.82	78.87 0.71 -65.21	70.17 0.80 -53.53	82.42 0.80 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.08 2.51 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.23 2.22 -18.77	57.40 2.52 -13.42	56.68 2.13 -20.75
NYPA__ASTORIA_CC2 323569	34.13 1.75 0.00	39.59 1.82 0.00	42.16 1.77 0.00	39.70 1.72 0.00	42.66 1.85 0.00	45.72 2.19 0.00	52.79 3.01 0.00	60.18 2.69 -18.07	58.80 1.70 -28.11	70.77 1.67 -39.58	71.87 1.86 -39.14	110.83 1.66 -81.33	111.15 1.47 -83.82	78.87 0.71 -65.21	70.17 0.80 -53.53	82.42 0.80 -66.44	106.49 0.94 -87.93	105.60 1.81 -70.99	93.08 2.51 -50.10	68.06 1.93 -36.88	57.34 1.93 -26.94	56.23 2.22 -18.77	57.40 2.52 -13.42	56.68 2.13 -20.75
NYPA__HOLTSVILL 23794	33.89 1.52 0.00	39.38 1.60 0.00	41.83 1.44 0.00	39.19 1.21 0.00	42.00 1.18 0.00	44.94 1.49 0.08	49.95 1.89 1.72	35.20 2.16 6.38	29.07 1.28 1.19	29.16 1.23 1.58	30.88 1.86 1.84	25.12 1.80 4.51	21.20 1.34 5.99	10.76 0.46 2.65	14.15 0.36 2.05	13.15 0.52 2.55	14.89 0.64 3.37	31.37 1.29 2.72	40.76 2.21 1.92	29.57 1.72 1.41	29.41 1.97 1.03	36.66 2.15 0.72	43.15 2.20 0.51	35.03 2.03 0.79
NYPA__HELLGATE_GT1 24158	34.06 1.69 0.01	39.53 1.75 0.00	42.08 1.70 0.00	39.62 1.64 0.00	42.54 1.73 0.00	45.60 2.07 0.00	52.83 3.05 0.00	57.82 2.67 -15.72	33.60 1.66 -2.95	38.88 1.62 -7.74	48.57 1.81 -15.89	53.05 1.63 -23.59	62.62 1.42 -35.34	20.50 0.69 -6.86	22.26 0.78 -5.63	22.95 0.77 -6.99	44.45 0.92 -25.92	42.03 1.75 -7.47	48.21 2.46 -5.27	39.87 1.88 -8.73	33.19 1.88 -2.84	39.38 2.18 -1.97	45.33 2.47 -1.40	42.78 2.08 -6.90
NYPA__HELLGATE_GT2 24159	34.06 1.69 0.01	39.53 1.75 0.00	42.08 1.70 0.00	39.62 1.64 0.00	42.54 1.73 0.00	45.60 2.07 0.00	52.83 3.05 0.00	57.82 2.67 -15.72	33.60 1.66 -2.95	38.88 1.62 -7.74	48.57 1.81 -15.89	53.05 1.63 -23.59	62.62 1.42 -35.34	20.50 0.69 -6.86	22.26 0.78 -5.63	22.95 0.77 -6.99	44.45 0.92 -25.92	42.03 1.75 -7.47	48.21 2.46 -5.27	39.87 1.88 -8.73	33.19 1.88 -2.84	39.38 2.18 -1.97	45.33 2.47 -1.40	42.78 2.08 -6.90
NYS_BARGE__HYD 23848	30.46 -1.92 0.00	35.45 -2.33 0.00	38.10 -2.29 0.00	35.70 -2.27 0.00	37.93 -2.89 0.00	40.49 -3.05 0.00	46.00 -3.78 0.00	35.79 -3.64 0.00	26.65 -2.34 0.00	27.62 -1.90 0.00	29.03 -1.83 0.00	26.02 -1.81 0.00	24.07 -1.79 0.00	12.34 -0.61 0.00	15.22 -0.63 0.00	14.37 -0.80 0.00	16.55 -1.07 0.00	30.18 -2.62 0.00	36.59 -3.89 0.00	26.67 -2.59 0.00	25.85 -2.63 0.00	32.02 -3.22 0.00	38.25 -3.21 0.00	31.04 -2.75 0.00

OAK ORCHARD___HYD 24046	31.44 -0.93 0.00	36.66 -1.12 0.00	39.28 -1.10 0.00	36.86 -1.12 0.00	39.38 -1.43 0.00	42.10 -1.43 0.00	48.16 -1.62 0.00	37.91 -1.52 0.00	28.03 -0.96 0.00	28.80 -0.72 0.00	30.14 -0.73 0.00	27.00 -0.83 0.00	24.99 -0.86 0.00	12.65 -0.30 0.00	15.57 -0.28 0.00	14.81 -0.36 0.00	17.17 -0.45 0.00	31.73 -1.07 0.00	38.81 -1.67 0.00	28.16 -1.10 0.00	27.35 -1.13 0.00	33.75 -1.49 0.00	39.97 -1.49 0.00	32.47 -1.33 0.00
OAKDALE___35_KV_LOAD 356122	32.53 0.15 0.00	38.03 0.25 0.00	40.73 0.34 0.00	38.26 0.28 0.00	41.06 0.25 0.00	43.74 0.21 0.00	50.41 0.63 0.00	39.93 0.50 0.00	29.25 0.27 0.00	29.80 0.28 0.00	31.20 0.33 0.00	28.10 0.26 0.00	26.04 0.18 0.00	13.03 0.08 0.00	15.92 0.08 0.00	15.22 0.04 0.00	17.70 0.08 0.00	32.86 0.06 0.00	40.49 0.02 0.00	29.34 0.08 0.00	28.48 0.00 0.00	35.08 -0.16 0.00	41.39 -0.07 0.00	33.74 -0.05 0.00
OCC_CHEM___DRP 24175	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.25 -3.56 0.00	39.70 -3.84 0.00	44.97 -4.81 0.00	34.98 -4.45 0.00	26.10 -2.89 0.00	27.12 -2.40 0.00	28.61 -2.26 0.00	25.66 -2.17 0.00	23.80 -2.06 0.00	12.18 -0.76 0.00	15.00 -0.85 0.00	14.16 -1.02 0.00	16.35 -1.27 0.00	29.63 -3.17 0.00	35.90 -4.57 0.00	26.15 -3.11 0.00	25.36 -3.12 0.00	31.46 -3.77 0.00	37.64 -3.82 0.00	30.57 -3.23 0.00
OH_GEN_PROXY 24063	30.23 -2.15 0.00	35.26 -2.52 0.00	37.91 -2.47 0.00	35.51 -2.47 0.00	37.68 -3.14 0.00	40.16 -3.37 0.00	45.60 -4.18 0.00	35.56 -3.86 0.00	26.46 -2.53 0.00	27.46 -2.06 0.00	28.93 -1.94 0.00	26.00 -1.83 0.00	24.07 -1.78 0.00	12.29 -0.65 0.00	15.14 -0.71 0.00	14.31 -0.87 0.00	16.52 -1.10 0.00	30.07 -2.73 0.00	36.40 -4.07 0.00	26.51 -2.76 0.00	25.70 -2.78 0.00	31.81 -3.42 0.00	38.04 -3.42 0.00	30.92 -2.87 0.00
OLIN_CORP_DRP 24177	30.03 -2.34 0.00	34.94 -2.85 0.00	37.56 -2.82 0.00	35.20 -2.77 0.00	37.37 -3.44 0.00	39.89 -3.65 0.00	45.19 -4.59 0.00	35.05 -4.38 0.00	26.16 -2.83 0.00	27.14 -2.37 0.00	28.60 -2.27 0.00	25.62 -2.21 0.00	23.76 -2.10 0.00	12.23 -0.72 0.00	15.04 -0.80 0.00	14.20 -0.98 0.00	16.33 -1.29 0.00	29.63 -3.17 0.00	35.95 -4.52 0.00	26.19 -3.07 0.00	25.38 -3.09 0.00	31.54 -3.70 0.00	37.69 -3.76 0.00	30.58 -3.21 0.00
OLIN_CORP_DSASP 323712	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.27 -3.55 0.00	39.71 -3.83 0.00	45.01 -4.77 0.00	35.03 -4.40 0.00	26.11 -2.88 0.00	27.14 -2.38 0.00	28.62 -2.25 0.00	25.72 -2.12 0.00	23.81 -2.05 0.00	12.18 -0.77 0.00	14.99 -0.86 0.00	14.17 -1.01 0.00	16.35 -1.27 0.00	29.68 -3.12 0.00	35.89 -4.58 0.00	26.17 -3.09 0.00	25.38 -3.10 0.00	31.44 -3.79 0.00	37.63 -3.83 0.00	30.59 -3.21 0.00
ONEIDA_HERK_LFGE 323681	32.64 0.26 0.00	38.00 0.22 0.00	40.55 0.16 0.00	37.99 0.01 0.00	41.00 0.19 0.00	43.84 0.30 0.00	50.61 0.84 0.00	40.23 0.81 0.00	29.58 0.59 0.00	29.92 0.40 0.00	31.14 0.27 0.00	28.08 0.25 0.00	26.07 0.22 0.00	12.99 0.04 0.00	15.80 -0.05 0.00	15.14 -0.04 0.00	17.79 0.17 0.00	33.30 0.50 0.00	41.20 0.72 0.00	29.86 0.60 0.00	28.99 0.52 0.00	35.59 0.35 0.00	41.74 0.28 0.00	33.93 0.13 0.00
ONEIDA___115KV_TB4 55905	32.95 0.58 0.00	38.44 0.66 0.00	41.08 0.69 0.00	38.58 0.61 0.00	41.52 0.70 0.00	44.37 0.84 0.00	51.16 1.38 0.00	40.54 1.12 0.00	29.69 0.70 0.00	30.03 0.51 0.00	31.32 0.45 0.00	28.25 0.41 0.00	26.24 0.38 0.00	13.10 0.15 0.00	15.96 0.12 0.00	15.28 0.10 0.00	17.96 0.34 0.00	33.57 0.77 0.00	41.55 1.07 0.00	30.07 0.81 0.00	29.21 0.74 0.00	35.95 0.71 0.00	42.22 0.76 0.00	34.32 0.52 0.00
ONONDAGA_REF_OCCRA 23987	32.24 -0.13 0.00	37.62 -0.16 0.00	40.24 -0.14 0.00	37.82 -0.16 0.00	40.64 -0.18 0.00	43.36 -0.17 0.00	49.84 0.06 0.00	39.46 0.03 0.00	28.95 -0.04 0.00	29.48 -0.04 0.00	30.82 -0.05 0.00	27.76 -0.08 0.00	25.69 -0.17 0.00	12.86 -0.09 0.00	15.75 -0.10 0.00	15.08 -0.10 0.00	17.58 -0.04 0.00	32.67 -0.13 0.00	40.35 -0.12 0.00	29.22 -0.04 0.00	28.39 -0.09 0.00	34.99 -0.25 0.00	41.18 -0.28 0.00	33.53 -0.26 0.00
ONONDAGA___COGEN 23986	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00
ONTARIO___LFGE 23819	32.45 0.07 0.00	37.89 0.11 0.00	40.59 0.20 0.00	38.08 0.10 0.00	40.83 0.02 0.00	43.59 0.06 0.00	50.01 0.23 0.00	39.58 0.15 0.00	29.08 0.09 0.00	29.71 0.19 0.00	30.99 0.12 0.00	27.76 -0.07 0.00	25.52 -0.34 0.00	12.82 -0.13 0.00	15.72 -0.12 0.00	15.10 -0.08 0.00	17.55 -0.07 0.00	32.57 -0.23 0.00	40.24 -0.24 0.00	29.18 -0.08 0.00	28.32 -0.16 0.00	34.80 -0.44 0.00	41.03 -0.42 0.00	33.39 -0.41 0.00
ORANGEVILLE_WT_PWR 323706	31.45 -0.92 0.00	36.71 -1.07 0.00	39.36 -1.03 0.00	36.80 -1.17 0.00	39.24 -1.57 0.00	41.78 -1.75 0.00	47.71 -2.07 0.00	37.39 -2.04 0.00	27.45 -1.54 0.00	28.17 -1.35 0.00	29.53 -1.34 0.00	26.29 -1.54 0.00	24.33 -1.53 0.00	12.35 -0.60 0.00	15.23 -0.61 0.00	14.43 -0.75 0.00	16.73 -0.89 0.00	31.03 -1.77 0.00	38.03 -2.45 0.00	27.45 -1.81 0.00	26.45 -2.03 0.00	32.54 -2.70 0.00	38.61 -2.85 0.00	31.44 -2.36 0.00
ORANGEVILLE___ESR 323794	31.45 -0.92 0.00	36.71 -1.07 0.00	39.36 -1.03 0.00	36.80 -1.17 0.00	39.24 -1.57 0.00	41.78 -1.75 0.00	47.71 -2.07 0.00	37.39 -2.04 0.00	27.45 -1.54 0.00	28.17 -1.35 0.00	29.53 -1.34 0.00	26.29 -1.54 0.00	24.33 -1.53 0.00	12.35 -0.60 0.00	15.23 -0.61 0.00	14.43 -0.75 0.00	16.73 -0.89 0.00	31.03 -1.77 0.00	38.03 -2.45 0.00	27.45 -1.81 0.00	26.45 -2.03 0.00	32.54 -2.70 0.00	38.61 -2.85 0.00	31.44 -2.36 0.00
OSWEGATCHIE___HYD 24044	31.89 -0.48 0.00	37.07 -0.71 0.00	39.54 -0.84 0.00	37.02 -0.96 0.00	40.00 -0.82 0.00	42.77 -0.77 0.00	48.97 -0.81 0.00	38.84 -0.59 0.00	28.73 -0.25 0.00	29.12 -0.41 0.00	30.31 -0.56 0.00	27.31 -0.53 0.00	25.42 -0.44 0.00	12.67 -0.28 0.00	15.42 -0.43 0.00	14.74 -0.43 0.00	17.33 -0.29 0.00	32.38 -0.42 0.00	40.03 -0.45 0.00	29.00 -0.26 0.00	28.21 -0.27 0.00	34.80 -0.44 0.00	40.81 -0.65 0.00	33.14 -0.65 0.00
OSWEGO___5 23606	31.67 -0.71 0.00	36.96 -0.82 0.00	39.54 -0.84 0.00	37.16 -0.82 0.00	39.91 -0.90 0.00	42.59 -0.95 0.00	48.83 -0.95 0.00	38.65 -0.77 0.00	28.40 -0.59 0.00	28.93 -0.59 0.00	30.25 -0.62 0.00	27.23 -0.60 0.00	25.26 -0.60 0.00	12.66 -0.29 0.00	15.50 -0.35 0.00	14.84 -0.34 0.00	17.25 -0.37 0.00	32.09 -0.72 0.00	39.58 -0.90 0.00	28.66 -0.60 0.00	27.85 -0.62 0.00	34.38 -0.86 0.00	40.48 -0.98 0.00	32.97 -0.83 0.00

OSWEGO___6 23613	31.67 -0.71 0.00	36.96 -0.82 0.00	39.54 -0.84 0.00	37.16 -0.82 0.00	39.91 -0.90 0.00	42.59 -0.95 0.00	48.83 -0.95 0.00	38.65 -0.77 0.00	28.40 -0.59 0.00	28.93 -0.59 0.00	30.25 -0.62 0.00	27.23 -0.60 0.00	25.26 -0.60 0.00	12.66 -0.29 0.00	15.50 -0.35 0.00	14.84 -0.34 0.00	17.25 -0.37 0.00	32.09 -0.72 0.00	39.58 -0.90 0.00	28.66 -0.60 0.00	27.85 -0.62 0.00	34.38 -0.86 0.00	40.48 -0.98 0.00	32.97 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	30.70 -1.67 0.00	35.79 -2.00 0.00	38.48 -1.91 0.00	36.04 -1.94 0.00	38.25 -2.57 0.00	40.80 -2.73 0.00	46.39 -3.39 0.00	36.15 -3.27 0.00	26.93 -2.06 0.00	27.88 -1.64 0.00	29.34 -1.53 0.00	26.28 -1.55 0.00	24.35 -1.50 0.00	12.48 -0.47 0.00	15.37 -0.47 0.00	14.50 -0.68 0.00	16.75 -0.87 0.00	30.50 -2.30 0.00	36.99 -3.48 0.00	26.91 -2.35 0.00	26.08 -2.39 0.00	32.31 -2.93 0.00	38.60 -2.86 0.00	31.31 -2.48 0.00
OXBOW___BTM 323836	30.27 -2.10 0.00	35.30 -2.48 0.00	37.96 -2.43 0.00	35.55 -2.43 0.00	37.71 -3.10 0.00	40.21 -3.32 0.00	45.67 -4.11 0.00	35.59 -3.84 0.00	26.50 -2.49 0.00	27.49 -2.03 0.00	28.96 -1.91 0.00	26.01 -1.83 0.00	24.08 -1.78 0.00	12.31 -0.64 0.00	15.17 -0.68 0.00	14.32 -0.85 0.00	16.54 -1.08 0.00	30.09 -2.71 0.00	36.41 -4.06 0.00	26.53 -2.73 0.00	25.73 -2.75 0.00	31.84 -3.40 0.00	38.08 -3.38 0.00	30.93 -2.87 0.00
OXBOW____ 24026	30.28 -2.10 0.00	35.30 -2.48 0.00	37.96 -2.43 0.00	35.55 -2.43 0.00	37.70 -3.12 0.00	40.20 -3.34 0.00	45.63 -4.15 0.00	35.54 -3.89 0.00	26.49 -2.50 0.00	27.47 -2.05 0.00	28.96 -1.91 0.00	25.95 -1.88 0.00	24.06 -1.80 0.00	12.32 -0.63 0.00	15.17 -0.67 0.00	14.32 -0.85 0.00	16.54 -1.08 0.00	30.05 -2.75 0.00	36.42 -4.05 0.00	26.52 -2.75 0.00	25.70 -2.78 0.00	31.86 -3.37 0.00	38.09 -3.37 0.00	30.92 -2.88 0.00
OXY_CHEM_DSASP 323612	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.25 -3.56 0.00	39.70 -3.84 0.00	44.97 -4.81 0.00	34.98 -4.45 0.00	26.10 -2.89 0.00	27.12 -2.40 0.00	28.61 -2.26 0.00	25.66 -2.17 0.00	23.80 -2.06 0.00	12.18 -0.76 0.00	15.00 -0.85 0.00	14.16 -1.02 0.00	16.35 -1.27 0.00	29.63 -3.17 0.00	35.90 -4.57 0.00	26.15 -3.11 0.00	25.36 -3.12 0.00	31.46 -3.77 0.00	37.64 -3.82 0.00	30.57 -3.23 0.00
OZONE_PARK_ESR 323760	34.30 1.92 0.00	39.80 2.02 0.00	42.39 2.01 0.00	39.89 1.92 0.00	42.90 2.08 0.00	46.00 2.47 0.00	53.07 3.29 -15.65	58.01 2.94 -24.79	55.67 1.89 -34.32	65.69 1.85 -33.66	66.55 2.02 -68.71	98.40 1.86 -73.93	101.46 1.67 -57.51	71.24 0.78 -47.21	63.94 0.89 -58.60	74.66 0.89 -77.54	96.24 1.08 -62.61	97.46 2.05 -44.18	87.45 2.80 -32.52	63.94 2.15 -23.76	54.40 2.16 -16.56	54.23 2.44 -11.83	56.07 2.78 -18.30	54.43 2.33 -18.30
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.25 -3.56 0.00	39.70 -3.84 0.00	44.97 -4.81 0.00	34.98 -4.45 0.00	26.10 -2.89 0.00	27.12 -2.40 0.00	28.61 -2.26 0.00	25.66 -2.17 0.00	23.80 -2.06 0.00	12.18 -0.76 0.00	15.00 -0.85 0.00	14.16 -1.02 0.00	16.35 -1.27 0.00	29.63 -3.17 0.00	35.90 -4.57 0.00	26.15 -3.11 0.00	25.36 -3.12 0.00	31.46 -3.77 0.00	37.64 -3.82 0.00	30.57 -3.23 0.00
PACKARD__115KV_DUPONT_184 80571	29.92 -2.45 0.00	34.91 -2.87 0.00	37.54 -2.84 0.00	35.16 -2.82 0.00	37.25 -3.56 0.00	39.70 -3.84 0.00	44.97 -4.81 0.00	34.98 -4.45 0.00	26.10 -2.89 0.00	27.12 -2.40 0.00	28.61 -2.26 0.00	25.66 -2.17 0.00	23.80 -2.06 0.00	12.18 -0.76 0.00	15.00 -0.85 0.00	14.16 -1.02 0.00	16.35 -1.27 0.00	29.63 -3.17 0.00	35.90 -4.57 0.00	26.15 -3.11 0.00	25.36 -3.12 0.00	31.46 -3.77 0.00	37.64 -3.82 0.00	30.57 -3.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.93 1.55 0.00	39.38 1.60 0.00	41.93 1.54 0.00	39.49 1.51 0.00	42.41 1.60 0.00	45.48 1.94 0.00	52.59 2.82 -15.72	57.68 2.53 -0.69	31.21 1.53 -0.95	31.97 1.50 -1.14	33.68 1.67 -2.63	31.95 1.48 -13.98	41.14 1.30 -1.61	15.18 0.62 -1.32	17.85 0.69 -1.64	17.52 0.70 -20.56	39.02 0.84 -1.76	36.17 1.61 -1.24	43.97 2.25 -0.91	31.93 1.75 -0.67	30.90 1.76 -0.45	37.68 1.98 -0.32	44.04 2.26 -0.50	36.21 1.91 -0.50
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.93 1.56 0.00	39.38 1.60 0.00	41.94 1.55 0.00	39.49 1.51 0.00	42.54 1.72 0.00	45.62 2.08 0.00	52.82 3.04 -15.72	57.71 2.56 -0.69	31.21 1.54 -0.95	31.97 1.50 -1.14	33.68 1.67 -2.63	31.95 1.48 -13.98	41.15 1.31 -1.61	15.18 0.62 -1.32	17.85 0.69 -1.64	17.52 0.70 -20.56	39.02 0.84 -1.76	36.17 1.61 -1.24	43.97 2.25 -0.91	31.93 1.75 -0.67	30.90 1.76 -0.45	37.68 1.99 -0.32	44.04 2.27 -0.50	36.22 1.92 -0.50
PATROON__115KV_TB1 80586	32.81 0.43 0.00	38.26 0.48 0.00	40.80 0.41 0.00	38.43 0.45 0.00	41.24 0.42 0.00	43.99 0.46 0.00	50.60 0.82 0.00	40.07 0.65 0.00	29.37 0.39 0.00	29.83 0.31 0.00	31.22 0.35 0.00	28.22 0.39 0.00	26.25 0.40 0.00	13.12 0.17 0.00	16.05 0.20 0.00	15.39 0.21 0.00	17.90 0.28 0.00	33.51 0.70 0.00	41.39 0.91 0.00	30.02 0.76 0.00	29.21 0.73 0.00	36.06 0.83 0.00	42.30 0.84 0.00	34.55 0.75 0.00
PATTRSNVILLE___SOLAR 323815	33.31 0.94 0.00	38.89 1.11 0.00	41.58 1.20 0.00	39.11 1.13 0.00	42.11 1.29 0.00	44.91 1.38 0.00	51.59 1.81 0.00	40.71 1.29 0.00	29.68 0.69 0.00	29.99 0.47 0.00	31.11 0.24 0.00	27.60 -0.23 0.00	25.75 -0.11 0.00	12.86 -0.09 0.00	15.74 -0.11 0.00	15.03 -0.14 0.00	17.58 -0.04 0.00	33.65 0.85 0.00	42.48 2.01 0.00	30.89 1.63 0.00	30.04 1.56 0.00	37.10 1.86 0.00	43.56 2.10 0.00	35.37 1.57 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.59 -0.78 0.00	36.88 -0.90 0.00	39.60 -0.79 0.00	37.09 -0.89 0.00	39.43 -1.38 0.00	42.05 -1.49 0.00	48.04 -1.74 0.00	37.59 -1.84 0.00	27.84 -1.15 0.00	28.71 -0.81 0.00	30.19 -0.68 0.00	27.06 -0.78 0.00	25.07 -0.79 0.00	12.77 -0.18 0.00	15.74 -0.11 0.00	14.87 -0.31 0.00	17.21 -0.41 0.00	31.50 -1.31 0.00	38.30 -2.18 0.00	27.81 -1.46 0.00	26.92 -1.56 0.00	33.27 -1.96 0.00	39.67 -1.79 0.00	32.21 -1.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.89 1.51 0.00	39.40 1.62 0.00	42.01 1.63 0.00	39.56 1.59 0.00	42.55 1.74 0.00	45.60 2.07 0.00	52.61 2.83 0.00	41.90 2.48 0.00	30.55 1.57 0.00	31.00 1.48 0.00	32.45 1.58 0.00	29.29 1.45 0.00	27.16 1.31 0.00	13.56 0.61 0.00	16.52 0.67 0.00	15.87 0.69 0.00	18.47 0.85 0.00	34.49 1.68 0.00	42.81 2.34 0.00	31.07 1.81 0.00	30.27 1.79 0.00	37.23 2.00 0.00	43.67 2.21 0.00	35.63 1.84 0.00
PEEKSKILL____ 23653	33.64 1.26 0.00	39.10 1.32 0.00	41.68 1.29 0.00	39.22 1.24 0.00	42.17 1.35 0.00	45.20 1.66 0.00	52.11 2.33 0.00	42.50 2.09 -0.99	30.28 1.29 0.00	30.73 1.21 0.00	32.56 1.34 -0.35	30.31 1.24 -1.23	26.98 1.12 0.00	13.47 0.52 0.00	16.41 0.56 0.00	15.78 0.60 0.00	18.35 0.73 0.00	34.22 1.42 0.00	42.49 2.02 0.00	30.82 1.55 0.00	30.03 1.55 0.00	36.96 1.72 0.00	43.38 1.92 0.00	35.44 1.64 0.00

PGE MADISON___WINDPWR 24146	34.29 1.91 0.00	40.24 2.46 0.00	43.27 2.88 0.00	40.67 2.69 0.00	43.80 2.98 0.00	47.02 3.49 0.00	54.97 5.19 0.00	46.32 6.90 0.00	33.10 4.12 0.00	32.66 3.14 0.00	33.97 3.10 0.00	30.46 2.63 0.00	27.68 1.83 0.00	13.29 0.34 0.00	16.27 0.42 0.00	15.45 0.27 0.00	18.33 0.71 0.00	34.47 1.67 0.00	42.68 2.21 0.00	31.03 1.76 0.00	29.71 1.23 0.00	36.12 0.89 0.00	42.46 1.00 0.00	34.52 0.73 0.00
PIERCEFIELD___HYD 23852	32.13 -0.24 0.00	37.45 -0.34 0.00	39.97 -0.41 0.00	37.56 -0.42 0.00	40.46 -0.35 0.00	43.23 -0.30 0.00	48.85 -0.93 0.00	38.46 -0.97 0.00	28.54 -0.45 0.00	29.12 -0.40 0.00	30.43 -0.45 0.00	27.46 -0.37 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.68 -0.17 0.00	14.93 -0.25 0.00	17.41 -0.20 0.00	32.42 -0.38 0.00	39.90 -0.57 0.00	28.82 -0.44 0.00	28.12 -0.36 0.00	34.99 -0.25 0.00	41.15 -0.31 0.00	33.44 -0.35 0.00
PINELAWN_CC_1 323563	33.81 1.43 0.00	39.31 1.53 0.00	41.79 1.41 0.00	39.19 1.21 0.00	41.99 1.18 0.00	44.96 1.50 0.07	50.32 1.96 1.42	35.94 2.17 5.66	29.10 1.30 1.18	29.23 1.28 1.57	30.93 1.84 1.78	25.49 1.75 4.10	23.98 1.34 3.21	10.96 0.51 2.50	14.20 0.41 2.05	13.17 0.54 2.55	14.92 0.67 3.37	31.50 1.42 2.72	40.89 2.33 1.92	29.68 1.83 1.41	29.42 1.98 1.03	36.66 2.15 0.72	43.17 2.22 0.51	35.05 2.05 0.79
PJM_GEN_HTP_PROXY 323702	33.95 1.58 0.00	39.43 1.65 0.00	42.00 1.62 0.00	39.54 1.56 0.00	42.50 1.69 0.00	45.57 2.03 0.00	52.52 2.75 0.00	54.65 2.49 -12.73	36.40 1.56 -5.86	39.13 1.50 -8.11	46.50 1.68 -13.95	66.72 1.55 -37.33	44.69 1.37 -17.46	27.18 0.65 -13.58	27.69 0.72 -11.13	29.73 0.74 -13.81	36.80 0.89 -18.29	49.26 1.69 -14.77	53.24 2.35 -10.42	38.75 1.82 -7.67	35.93 1.83 -5.61	41.19 2.04 -3.92	46.57 2.32 -2.79	40.09 1.98 -4.32
PJM_GEN_KEystone 24065	32.44 0.06 0.00	37.77 -0.01 0.00	40.39 0.00 0.00	37.96 -0.02 0.00	40.66 -0.15 0.00	43.46 -0.07 0.00	49.92 0.14 0.00	40.78 0.08 -1.27	30.68 -0.05 -1.74	31.96 0.03 -2.41	33.35 0.11 -2.36	32.80 0.15 -4.82	31.14 0.10 -5.19	17.09 0.10 -4.04	19.27 0.11 -3.31	19.36 0.07 -4.11	23.16 0.10 -5.44	37.18 -0.02 -4.39	43.44 -0.13 -3.10	31.50 -0.05 -2.28	30.06 -0.08 -1.67	36.11 -0.29 -1.16	42.22 -0.07 -0.83	31.95 -0.01 1.84
PJM_GEN_NEPTUNE_PROXY 323594	33.52 1.14 0.00	38.98 1.20 0.00	41.46 1.08 0.00	38.93 0.95 0.00	41.75 0.93 0.00	44.65 1.21 0.10	49.25 1.62 2.15	33.90 1.86 7.39	28.90 1.14 1.22	29.05 1.13 1.60	30.63 1.64 1.89	24.59 1.54 4.79	19.21 1.19 7.83	10.65 0.46 2.75	14.20 0.41 2.05	13.14 0.51 2.55	14.86 0.62 3.37	31.34 1.26 2.72	40.56 2.01 1.92	29.42 1.58 1.41	29.13 1.69 1.03	36.31 1.79 0.72	42.83 1.89 0.51	34.77 1.77 0.79
PJM_GEN_VFT_PROXY 323633	33.81 1.43 0.00	39.22 1.44 0.00	41.77 1.39 0.00	39.33 1.35 0.00	42.29 1.47 0.00	45.37 1.84 0.00	52.27 2.49 0.00	57.36 2.28 -15.65	55.24 1.46 -24.79	65.21 1.36 -34.32	66.04 1.51 -33.66	97.93 1.39 -68.71	101.01 1.23 -73.93	71.04 0.58 -57.51	63.69 0.64 -47.21	74.44 0.66 -58.60	95.97 0.81 -77.54	96.95 1.54 -62.61	86.83 2.17 -44.18	63.47 1.68 -32.52	53.93 1.70 -23.76	53.69 1.90 -16.56	55.42 2.13 -11.83	53.93 1.84 -18.30
PLATSBURG_115KV_PMLD1 355749	32.77 0.39 0.00	38.46 0.67 0.00	41.00 0.61 0.00	38.64 0.66 0.00	41.62 0.81 0.00	44.55 1.01 0.00	50.85 1.07 0.00	40.00 0.58 0.00	29.44 0.45 0.00	30.15 0.63 0.00	31.70 0.83 0.00	28.61 0.78 0.00	26.57 0.72 0.00	13.33 0.38 0.00	16.30 0.45 0.00	15.55 0.38 0.00	18.07 0.45 0.00	33.40 0.60 0.00	41.03 0.56 0.00	29.68 0.42 0.00	28.89 0.41 0.00	36.25 1.02 0.00	42.64 1.18 0.00	34.61 0.81 0.00
PLEASANTVLY___LBMP 24000	33.43 1.06 0.00	38.89 1.12 0.00	41.49 1.10 0.00	39.06 1.08 0.00	42.00 1.19 0.00	44.98 1.44 0.00	51.83 2.05 0.00	41.26 1.83 0.00	30.10 1.12 0.00	30.55 1.03 0.00	31.98 1.10 0.00	28.87 1.04 0.00	26.80 0.95 0.00	13.39 0.44 0.00	16.32 0.48 0.00	15.68 0.50 0.00	18.24 0.62 0.00	34.01 1.21 0.00	42.19 1.71 0.00	30.62 1.35 0.00	29.82 1.34 0.00	36.72 1.48 0.00	43.09 1.63 0.00	35.20 1.41 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.72 1.35 0.00	39.19 1.41 0.00	41.77 1.39 0.00	39.33 1.36 0.00	42.29 1.48 0.00	45.33 1.80 0.00	52.27 2.50 0.00	40.05 2.23 1.61	29.62 1.39 0.76	29.78 1.30 1.04	31.06 1.43 1.24	26.29 1.32 2.87	24.80 1.19 2.25	11.76 0.55 1.75	15.02 0.61 1.44	14.03 0.63 1.78	16.04 0.77 2.36	32.40 1.50 1.90	41.23 2.10 1.35	29.91 1.63 0.99	29.38 1.63 0.72	36.54 1.81 0.50	43.11 2.01 0.36	34.96 1.72 0.56
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.72 1.35 0.00	39.19 1.41 0.00	41.77 1.39 0.00	39.33 1.36 0.00	42.29 1.48 0.00	45.33 1.80 0.00	52.27 2.50 0.00	40.05 2.23 1.61	29.62 1.39 0.76	29.78 1.30 1.04	31.06 1.43 1.24	26.29 1.32 2.87	24.80 1.19 2.25	11.76 0.55 1.75	15.02 0.61 1.44	14.03 0.63 1.78	16.04 0.77 2.36	32.40 1.50 1.90	41.23 2.10 1.35	29.91 1.63 0.99	29.38 1.63 0.72	36.54 1.81 0.50	43.11 2.01 0.36	34.96 1.72 0.56
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.68 1.31 0.00	39.18 1.40 0.00	41.80 1.42 0.00	39.35 1.38 0.00	42.33 1.51 0.00	45.34 1.80 0.00	52.30 2.52 0.00	41.61 2.19 0.00	30.35 1.36 0.00	30.77 1.26 0.00	32.18 1.31 0.00	29.05 1.22 0.00	26.95 1.09 0.00	13.45 0.50 0.00	16.39 0.55 0.00	15.75 0.57 0.00	18.34 0.72 0.00	34.27 1.46 0.00	42.56 2.08 0.00	30.91 1.65 0.00	30.09 1.61 0.00	37.03 1.80 0.00	43.41 1.95 0.00	35.44 1.64 0.00
POLETTI___ 23519	34.01 1.64 0.00	39.48 1.71 0.00	42.06 1.67 0.00	39.59 1.62 0.00	42.57 1.75 0.00	45.65 2.12 0.00	52.62 2.84 0.00	57.65 2.58 -15.65	55.41 1.64 -24.78	65.42 1.58 -34.31	66.26 1.74 -33.65	98.13 1.61 -68.69	101.19 1.43 -73.91	71.11 0.67 -57.50	63.79 0.74 -47.20	74.53 0.76 -58.58	96.07 0.92 -77.53	97.15 1.75 -62.59	87.07 2.42 -44.17	63.65 1.87 -32.52	54.11 1.88 -23.75	53.89 2.10 -16.55	55.68 2.39 -11.83	54.13 2.04 -18.29
POMONA___ESR 323819	33.46 1.08 0.00	38.86 1.08 0.00	41.44 1.06 0.00	39.03 1.06 0.00	41.97 1.16 0.00	44.99 1.46 0.00	51.97 2.19 0.00	41.81 1.96 -0.42	30.20 1.22 0.00	30.65 1.13 0.00	32.09 1.22 0.00	29.01 1.17 0.00	26.92 1.07 0.00	13.44 0.49 0.00	16.39 0.54 0.00	15.76 0.59 0.00	18.36 0.74 0.00	34.25 1.45 0.00	42.49 2.01 0.00	30.74 1.48 0.00	29.94 1.46 0.00	36.84 1.60 0.00	43.26 1.80 0.00	35.34 1.54 0.00
PORT_JEFF_3 23555	33.96 1.59 0.00	39.47 1.69 0.00	41.90 1.52 0.00	39.26 1.28 0.00	42.10 1.28 0.00	45.07 1.61 0.08	50.10 2.04 1.72	35.33 2.27 6.37	29.15 1.36 1.19	29.25 1.31 1.58	30.96 1.93 1.84	25.18 1.85 4.50	21.30 1.39 5.94	10.79 0.49 2.65	14.19 0.39 2.05	13.19 0.56 2.55	14.93 0.68 3.37	31.47 1.39 2.72	40.91 2.35 1.92	29.68 1.83 1.41	29.52 2.08 1.03	36.79 2.28 0.72	43.29 2.34 0.51	35.13 2.13 0.79

PORT_JEFF_4 23616	33.96 1.59 0.00	39.47 1.69 0.00	41.90 1.52 0.00	39.26 1.28 0.00	42.10 1.28 0.00	45.07 1.61 0.08	50.10 2.04 1.72	35.33 2.27 6.37	29.15 1.36 1.19	29.25 1.31 1.58	30.96 1.93 1.84	25.18 1.85 4.50	21.30 1.39 5.94	10.79 0.49 2.65	14.19 0.39 2.05	13.19 0.56 2.55	14.93 0.68 3.37	31.47 1.39 2.72	40.91 2.35 1.92	29.68 1.83 1.41	29.52 2.08 1.03	36.79 2.28 0.72	43.29 2.34 0.51	35.13 2.13 0.79
PORT_JEFF_IC 23713	33.95 1.58 0.00	39.45 1.67 0.00	41.88 1.50 0.00	39.24 1.27 0.00	42.10 1.28 0.00	45.11 1.65 0.08	50.36 2.29 1.71	35.69 2.61 6.34	29.18 1.39 1.19	29.27 1.33 1.58	30.96 1.93 1.84	25.20 1.86 4.49	21.38 1.39 5.87	10.79 0.48 2.65	14.19 0.39 2.05	13.20 0.57 2.55	14.93 0.69 3.37	31.48 1.40 2.72	40.95 2.40 1.92	29.69 1.84 1.41	29.55 2.11 1.03	36.82 2.31 0.72	43.36 2.41 0.51	35.15 2.15 0.79
PPL_PILGRIM_ST_GT1 24216	34.01 1.64 0.00	39.58 1.80 0.00	42.07 1.68 0.00	39.42 1.44 0.00	42.24 1.42 0.00	45.17 1.71 0.08	50.33 2.20 1.65	35.62 2.39 6.20	29.24 1.44 1.19	29.33 1.39 1.58	31.06 2.03 1.83	25.36 1.96 4.44	21.84 1.48 5.50	10.88 0.55 2.63	14.26 0.47 2.05	13.25 0.61 2.55	14.99 0.74 3.37	31.60 1.52 2.72	41.04 2.48 1.92	29.80 1.96 1.41	29.59 2.15 1.03	36.87 2.35 0.72	43.40 2.45 0.51	35.25 2.25 0.79
PPL_PILGRIM_ST_GT2 24217	34.01 1.64 0.00	39.58 1.80 0.00	42.07 1.68 0.00	39.42 1.44 0.00	42.24 1.42 0.00	45.17 1.71 0.08	50.33 2.20 1.65	35.62 2.39 6.20	29.24 1.44 1.19	29.33 1.39 1.58	31.06 2.03 1.83	25.36 1.96 4.44	21.84 1.48 5.50	10.88 0.55 2.63	14.26 0.47 2.05	13.25 0.61 2.55	14.99 0.74 3.37	31.60 1.52 2.72	41.04 2.48 1.92	29.80 1.96 1.41	29.59 2.15 1.03	36.87 2.35 0.72	43.40 2.45 0.51	35.25 2.25 0.79
PPL_SHRM_GT3 24213	34.15 1.77 0.00	39.58 1.80 0.00	41.95 1.56 0.00	39.28 1.31 0.00	42.11 1.29 0.00	45.09 1.64 0.08	50.11 2.05 1.71	35.36 2.29 6.36	29.14 1.34 1.19	29.18 1.24 1.58	30.95 1.92 1.84	25.15 1.82 4.50	21.29 1.35 5.92	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.53 1.68 1.41	29.53 2.09 1.03	36.81 2.30 0.72	43.28 2.34 0.51	35.10 2.10 0.79
PPL_SHRM_GT4 24214	34.15 1.77 0.00	39.58 1.80 0.00	41.95 1.56 0.00	39.28 1.31 0.00	42.11 1.29 0.00	45.09 1.64 0.08	50.11 2.05 1.71	35.36 2.29 6.36	29.14 1.34 1.19	29.18 1.24 1.58	30.95 1.92 1.84	25.15 1.82 4.50	21.29 1.35 5.92	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.53 1.68 1.41	29.53 2.09 1.03	36.81 2.30 0.72	43.28 2.34 0.51	35.10 2.10 0.79
PROJECT___ORANGE 1 24174	32.04 -0.33 0.00	37.39 -0.39 0.00	40.00 -0.39 0.00	37.59 -0.39 0.00	40.37 -0.44 0.00	43.09 -0.45 0.00	49.49 -0.29 0.00	39.20 -0.23 0.00	28.78 -0.21 0.00	29.31 -0.21 0.00	30.65 -0.22 0.00	27.59 -0.24 0.00	25.58 -0.28 0.00	12.81 -0.14 0.00	15.69 -0.16 0.00	15.02 -0.16 0.00	17.48 -0.13 0.00	32.50 -0.30 0.00	40.10 -0.37 0.00	29.04 -0.22 0.00	28.20 -0.27 0.00	34.78 -0.46 0.00	40.95 -0.51 0.00	33.33 -0.47 0.00
PROJECT___ORANGE 2 24166	32.04 -0.33 0.00	37.39 -0.39 0.00	40.00 -0.39 0.00	37.59 -0.39 0.00	40.37 -0.44 0.00	43.09 -0.45 0.00	49.49 -0.29 0.00	39.20 -0.23 0.00	28.78 -0.21 0.00	29.31 -0.21 0.00	30.65 -0.22 0.00	27.59 -0.24 0.00	25.58 -0.28 0.00	12.81 -0.14 0.00	15.69 -0.16 0.00	15.02 -0.16 0.00	17.48 -0.13 0.00	32.50 -0.30 0.00	40.10 -0.37 0.00	29.04 -0.22 0.00	28.20 -0.27 0.00	34.78 -0.46 0.00	40.95 -0.51 0.00	33.33 -0.47 0.00
PUCKETT___SOLAR 323809	32.89 0.51 0.00	38.49 0.71 0.00	41.29 0.90 0.00	38.80 0.82 0.00	41.73 0.91 0.00	44.55 1.02 0.00	51.45 1.68 0.00	41.10 1.67 0.00	29.94 0.95 0.00	30.31 0.79 0.00	31.78 0.91 0.00	28.56 0.72 0.00	26.23 0.37 0.00	13.03 0.08 0.00	15.93 0.08 0.00	15.20 0.02 0.00	17.77 0.16 0.00	33.12 0.31 0.00	40.97 0.50 0.00	29.73 0.46 0.00	28.78 0.30 0.00	35.38 0.14 0.00	41.62 0.16 0.00	33.85 0.06 0.00
PYRITES___HYD 24023	32.98 0.60 0.00	38.40 0.62 0.00	41.00 0.61 0.00	38.56 0.58 0.00	41.54 0.72 0.00	44.38 0.85 0.00	50.13 0.36 0.00	39.26 -0.16 0.00	28.99 0.00 0.00	29.58 0.06 0.00	30.83 -0.04 0.00	27.84 0.00 0.00	25.84 -0.01 0.00	13.00 0.06 0.00	15.90 0.05 0.00	15.17 -0.01 0.00	17.72 0.11 0.00	33.12 0.32 0.00	40.80 0.33 0.00	29.55 0.29 0.00	28.89 0.41 0.00	35.95 0.71 0.00	42.26 0.80 0.00	34.33 0.54 0.00
QUAKERRD_115KV_BK1 80622	30.97 -1.40 0.00	36.12 -1.67 0.00	38.69 -1.69 0.00	36.31 -1.67 0.00	38.84 -1.98 0.00	41.52 -2.02 0.00	47.52 -2.26 0.00	37.48 -1.95 0.00	27.67 -1.32 0.00	28.38 -1.14 0.00	29.69 -1.18 0.00	26.59 -1.25 0.00	24.62 -1.23 0.00	12.44 -0.51 0.00	15.30 -0.55 0.00	14.59 -0.59 0.00	16.93 -0.69 0.00	31.30 -1.50 0.00	38.38 -2.09 0.00	27.82 -1.44 0.00	27.02 -1.46 0.00	33.35 -1.88 0.00	39.43 -2.03 0.00	32.03 -1.76 0.00
QUEENSBRY_115KV_TB8 356137	33.97 1.59 0.00	39.69 1.91 0.00	42.34 1.96 0.00	39.74 1.76 0.00	42.97 2.15 0.00	46.02 2.49 0.00	52.90 3.13 0.00	41.83 2.41 0.00	30.27 1.29 0.00	30.53 1.01 0.00	31.93 1.06 0.00	28.76 0.93 0.00	26.68 0.83 0.00	13.44 0.49 0.00	16.34 0.49 0.00	15.55 0.38 0.00	18.07 0.45 0.00	33.87 1.07 0.00	41.50 1.03 0.00	30.00 0.74 0.00	29.21 0.73 0.00	36.24 1.00 0.00	43.32 1.86 0.00	35.84 2.04 0.00
RAMAPO___LBMP 323565	33.28 0.91 0.00	38.66 0.88 0.00	41.23 0.85 0.00	38.85 0.88 0.00	41.78 0.96 0.00	44.79 1.26 0.00	51.60 1.82 0.00	41.45 1.68 -0.35	29.98 1.00 0.00	30.42 0.90 0.00	31.84 0.97 0.00	28.78 0.95 0.00	26.71 0.86 0.00	13.34 0.39 0.00	16.27 0.42 0.00	15.65 0.48 0.00	18.21 0.59 0.00	33.94 1.14 0.00	42.13 1.66 0.00	30.50 1.24 0.00	29.70 1.23 0.00	36.54 1.30 0.00	42.92 1.47 0.00	35.09 1.29 0.00
RANKINE____ 23646	31.21 -1.17 0.00	36.39 -1.38 0.00	39.13 -1.26 0.00	36.63 -1.34 0.00	38.89 -1.93 0.00	41.45 -2.09 0.00	47.33 -2.44 0.00	36.99 -2.44 0.00	27.42 -1.56 0.00	28.27 -1.25 0.00	29.75 -1.12 0.00	26.65 -1.18 0.00	24.70 -1.15 0.00	12.61 -0.34 0.00	15.54 -0.31 0.00	14.65 -0.53 0.00	16.97 -0.65 0.00	31.01 -1.79 0.00	37.64 -2.83 0.00	27.31 -1.96 0.00	26.43 -2.05 0.00	32.69 -2.55 0.00	38.98 -2.48 0.00	31.66 -2.13 0.00
RAVENSWOOD_GT2_1 24244	34.02 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.01 1.57 -38.92	71.75 1.74 -39.14	110.76 1.60 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.42 -50.10	68.00 1.86 -36.88	57.29 1.87 -26.94	56.10 2.09 -18.77	57.26 2.38 -13.42	56.56 2.02 -20.75

RAVENSWOOD_GT2_2 24245	34.02 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.01 1.57 -38.92	71.75 1.74 -39.14	110.76 1.60 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.42 -50.10	68.00 1.86 -36.88	57.29 1.87 -26.94	56.10 2.09 -18.77	57.26 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD_GT2_3 24246	34.03 1.65 0.00	39.51 1.73 0.00	42.08 1.70 0.00	39.61 1.64 0.00	42.59 1.77 0.00	45.66 2.13 0.00	52.65 2.87 0.00	60.09 2.59 -18.07	58.74 1.65 -28.11	70.02 1.58 -38.92	71.76 1.75 -39.14	110.77 1.61 -81.33	111.11 1.43 -83.82	78.83 0.67 -65.21	70.12 0.75 -53.53	82.39 0.77 -66.44	106.47 0.93 -87.93	105.57 1.77 -70.99	93.00 2.44 -50.10	68.02 1.88 -36.88	57.30 1.89 -26.94	56.12 2.11 -18.77	57.28 2.40 -13.42	56.58 2.04 -20.75
RAVENSWOOD_GT2_4 24247	34.03 1.65 0.00	39.51 1.73 0.00	42.08 1.70 0.00	39.61 1.64 0.00	42.59 1.77 0.00	45.66 2.13 0.00	52.65 2.87 0.00	60.09 2.59 -18.07	58.74 1.65 -28.11	70.02 1.58 -38.92	71.76 1.75 -39.14	110.77 1.61 -81.33	111.11 1.43 -83.82	78.83 0.67 -65.21	70.12 0.75 -53.53	82.39 0.77 -66.44	106.47 0.93 -87.93	105.57 1.77 -70.99	93.00 2.44 -50.10	68.02 1.88 -36.88	57.30 1.89 -26.94	56.12 2.11 -18.77	57.28 2.40 -13.42	56.58 2.04 -20.75
RAVENSWOOD_GT3_1 24248	34.02 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.77 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.63 -28.11	70.01 1.57 -38.92	71.75 1.74 -39.14	110.76 1.60 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.42 -50.10	68.00 1.87 -36.88	57.29 1.87 -26.94	56.10 2.09 -18.77	57.26 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD_GT3_2 24249	34.02 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.77 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.63 -28.11	70.01 1.57 -38.92	71.75 1.74 -39.14	110.76 1.60 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.42 -50.10	68.00 1.87 -36.88	57.29 1.87 -26.94	56.10 2.09 -18.77	57.26 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD_GT3_3 24250	34.06 1.68 0.00	39.54 1.77 0.00	42.13 1.74 0.00	39.65 1.67 0.00	42.63 1.81 0.00	45.71 2.17 0.00	52.71 2.93 0.00	60.14 2.65 -18.07	58.78 1.68 -28.11	70.06 1.62 -38.92	71.80 1.79 -39.14	110.81 1.65 -81.33	111.14 1.46 -83.82	78.85 0.69 -65.21	70.14 0.77 -53.53	82.40 0.79 -66.44	106.49 0.95 -87.93	105.60 1.81 -70.99	93.05 2.48 -50.10	68.05 1.91 -36.88	57.34 1.92 -26.94	56.16 2.15 -18.77	57.33 2.45 -13.42	56.62 2.07 -20.75
RAVENSWOOD_GT3_4 24251	34.06 1.68 0.00	39.54 1.77 0.00	42.13 1.74 0.00	39.65 1.67 0.00	42.63 1.81 0.00	45.71 2.17 0.00	52.71 2.93 0.00	60.14 2.65 -18.07	58.78 1.68 -28.11	70.06 1.62 -38.92	71.80 1.79 -39.14	110.81 1.65 -81.33	111.14 1.46 -83.82	78.85 0.69 -65.21	70.14 0.77 -53.53	82.40 0.79 -66.44	106.49 0.95 -87.93	105.60 1.81 -70.99	93.05 2.48 -50.10	68.05 1.91 -36.88	57.34 1.92 -26.94	56.16 2.15 -18.77	57.33 2.45 -13.42	56.62 2.07 -20.75
RAVENSWOOD_GT_1 23729	37.08 1.78 -2.92	41.38 1.84 -1.76	42.86 1.82 -0.66	39.74 1.76 0.00	42.71 1.89 0.00	45.78 2.24 0.00	52.82 3.04 0.00	60.24 2.74 -18.07	58.84 1.74 -28.11	70.70 1.71 -39.47	71.90 1.88 -39.14	110.86 1.69 -81.33	111.17 1.50 -83.82	78.61 0.71 -64.95	70.17 0.80 -53.53	82.43 0.81 -66.44	106.51 0.96 -87.93	105.50 1.84 -70.86	93.08 2.53 -50.07	68.09 1.95 -36.88	57.37 1.95 -26.94	56.43 2.22 -18.97	57.42 2.54 -13.42	56.68 2.14 -20.75
RAVENSWOOD_GT_10 24258	34.01 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.07 1.57 -38.98	71.74 1.73 -39.14	110.76 1.59 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.41 -50.10	68.00 1.86 -36.88	57.28 1.87 -26.94	56.10 2.09 -18.77	57.25 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD_GT_11 24259	34.01 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.07 1.57 -38.98	71.74 1.73 -39.14	110.76 1.59 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.41 -50.10	68.00 1.86 -36.88	57.28 1.87 -26.94	56.10 2.09 -18.77	57.25 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD_GT_4 24252	36.22 1.62 -2.23	40.81 1.70 -1.34	42.56 1.67 -0.50	39.59 1.61 0.00	42.57 1.75 0.00	45.64 2.11 0.00	52.61 2.84 0.00	60.06 2.56 -18.07	58.71 1.62 -28.11	70.41 1.55 -39.34	71.72 1.71 -39.14	110.75 1.58 -81.33	111.09 1.42 -83.82	78.62 0.66 -65.01	70.11 0.73 -53.53	82.38 0.76 -66.44	106.46 0.91 -87.93	105.43 1.74 -70.89	92.95 2.40 -50.08	67.99 1.86 -36.88	57.28 1.86 -26.94	56.24 2.07 -18.93	57.23 2.35 -13.42	56.55 2.00 -20.75
RAVENSWOOD_GT_5 24254	36.22 1.62 -2.23	40.81 1.70 -1.34	42.56 1.67 -0.50	39.59 1.61 0.00	42.57 1.75 0.00	45.64 2.11 0.00	52.61 2.84 0.00	60.06 2.56 -18.07	58.71 1.62 -28.11	70.41 1.55 -39.34	71.72 1.71 -39.14	110.75 1.58 -81.33	111.09 1.42 -83.82	78.62 0.66 -65.01	70.11 0.73 -53.53	82.38 0.76 -66.44	106.46 0.91 -87.93	105.43 1.74 -70.89	92.95 2.40 -50.08	67.99 1.86 -36.88	57.28 1.86 -26.94	56.24 2.07 -18.93	57.23 2.35 -13.42	56.55 2.00 -20.75
RAVENSWOOD_GT_6 24253	36.22 1.62 -2.23	40.81 1.70 -1.34	42.56 1.67 -0.50	39.59 1.61 0.00	42.57 1.75 0.00	45.64 2.11 0.00	52.61 2.84 0.00	60.06 2.56 -18.07	58.71 1.62 -28.11	70.41 1.55 -39.34	71.72 1.71 -39.14	110.75 1.58 -81.33	111.09 1.42 -83.82	78.62 0.66 -65.01	70.11 0.73 -53.53	82.38 0.76 -66.44	106.46 0.91 -87.93	105.43 1.74 -70.89	92.95 2.40 -50.08	67.99 1.86 -36.88	57.28 1.86 -26.94	56.24 2.07 -18.93	57.23 2.35 -13.42	56.55 2.00 -20.75
RAVENSWOOD_GT_7 24255	36.22 1.62 -2.23	40.81 1.70 -1.34	42.56 1.67 -0.50	39.59 1.61 0.00	42.57 1.75 0.00	45.64 2.11 0.00	52.61 2.84 0.00	60.06 2.56 -18.07	58.71 1.62 -28.11	70.41 1.55 -39.34	71.72 1.71 -39.14	110.75 1.58 -81.33	111.09 1.42 -83.82	78.62 0.66 -65.01	70.11 0.73 -53.53	82.38 0.76 -66.44	106.46 0.91 -87.93	105.43 1.74 -70.89	92.95 2.40 -50.08	67.99 1.86 -36.88	57.28 1.86 -26.94	56.24 2.07 -18.93	57.23 2.35 -13.42	56.55 2.00 -20.75
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.01 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.07 1.57 -38.98	71.74 1.73 -39.14	110.76 1.59 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.41 -50.10	68.00 1.86 -36.88	57.28 1.87 -26.94	56.10 2.09 -18.77	57.25 2.38 -13.42	56.56 2.02 -20.75

RAVENSWOOD_GT_9 24257	34.01 1.64 0.00	39.49 1.71 0.00	42.07 1.69 0.00	39.60 1.62 0.00	42.58 1.76 0.00	45.65 2.12 0.00	52.63 2.85 0.00	60.07 2.57 -18.07	58.72 1.62 -28.11	70.07 1.57 -38.98	71.74 1.73 -39.14	110.76 1.59 -81.33	111.10 1.42 -83.82	78.82 0.66 -65.21	70.12 0.74 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	92.98 2.41 -50.10	68.00 1.86 -36.88	57.28 1.87 -26.94	56.10 2.09 -18.77	57.25 2.38 -13.42	56.56 2.02 -20.75
RAVENSWOOD___1 23533	31.24 1.74 2.88	37.85 1.80 1.73	41.49 1.75 0.65	39.67 1.69 0.00	42.62 1.81 0.00	45.71 2.17 0.00	52.75 2.97 0.00	60.16 2.67 -18.07	58.80 1.70 -28.11	70.88 1.67 -39.69	71.88 1.87 -39.14	110.84 1.67 -81.33	111.15 1.47 -83.82	79.12 0.71 -65.47	70.18 0.80 -53.53	82.42 0.80 -66.44	106.50 0.95 -87.93	105.74 1.82 -71.12	93.12 2.53 -50.12	68.07 1.93 -36.88	57.36 1.94 -26.94	56.24 2.22 -18.77	57.42 2.54 -13.42	56.69 2.14 -20.75
RAVENSWOOD___2 23534	34.08 1.70 0.00	39.52 1.74 0.00	42.08 1.69 0.00	39.62 1.64 0.00	42.57 1.76 0.00	45.64 2.11 0.00	52.69 2.91 0.00	60.11 2.62 -18.07	58.75 1.66 -28.11	70.73 1.62 -39.58	71.81 1.80 -39.14	110.73 1.56 -81.33	110.98 1.30 -83.82	78.80 0.64 -65.21	70.12 0.75 -53.53	82.37 0.75 -66.44	106.40 0.86 -87.93	105.42 1.63 -70.99	92.91 2.34 -50.10	68.02 1.88 -36.88	57.31 1.89 -26.94	56.16 2.16 -18.77	57.34 2.46 -13.42	56.62 2.07 -20.75
RAVENSWOOD___3 23535	34.02 1.64 0.00	39.49 1.71 0.00	42.08 1.69 0.00	39.61 1.63 0.00	42.58 1.77 0.00	45.65 2.12 0.00	52.62 2.84 0.00	60.04 2.55 -18.07	58.72 1.62 -28.11	70.01 1.57 -38.92	71.75 1.74 -39.14	110.76 1.60 -81.33	111.10 1.42 -83.82	78.83 0.67 -65.21	70.12 0.75 -53.53	82.38 0.76 -66.44	106.46 0.92 -87.93	105.54 1.75 -70.99	93.00 2.43 -50.10	68.00 1.87 -36.88	57.29 1.87 -26.94	56.12 2.11 -18.77	57.26 2.39 -13.42	56.58 2.03 -20.75
RAVENSWOOD___4 23820	31.24 1.74 2.88	37.85 1.80 1.73	41.49 1.75 0.65	39.67 1.69 0.00	42.62 1.81 0.00	45.71 2.17 0.00	52.75 2.97 0.00	60.16 2.67 -18.07	58.80 1.70 -28.11	70.88 1.67 -39.69	71.88 1.87 -39.14	110.84 1.67 -81.33	111.15 1.47 -83.82	79.12 0.71 -65.47	70.18 0.80 -53.53	82.42 0.80 -66.44	106.50 0.95 -87.93	105.74 1.82 -71.12	93.12 2.53 -50.12	68.07 1.93 -36.88	57.35 1.94 -26.94	56.04 2.22 -18.58	57.40 2.52 -13.42	56.67 2.13 -20.75
RCPL_TRUST___DRP 24196	33.95 1.58 0.00	39.43 1.65 0.00	42.00 1.62 0.00	39.54 1.56 0.00	42.51 1.69 0.00	45.57 2.04 0.00	52.54 2.77 0.00	55.13 2.51 -13.19	36.46 1.56 -5.91	39.21 1.50 -8.18	46.54 1.67 -14.00	66.79 1.55 -37.40	44.86 1.38 -17.63	27.30 0.64 -13.71	27.80 0.72 -11.24	29.86 0.73 -13.95	36.97 0.89 -18.46	49.40 1.69 -14.91	53.32 2.33 -10.52	38.82 1.82 -7.74	35.97 1.84 -5.66	41.21 2.03 -3.94	46.59 2.31 -2.82	40.12 1.97 -4.36
RED___ROCHESTER 323720	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.84 0.00	37.10 -0.88 0.00	39.64 -1.18 0.00	42.40 -1.13 0.00	48.53 -1.25 0.00	38.16 -1.27 0.00	28.20 -0.79 0.00	28.97 -0.55 0.00	30.32 -0.55 0.00	27.15 -0.68 0.00	25.14 -0.72 0.00	12.71 -0.23 0.00	15.65 -0.19 0.00	14.91 -0.27 0.00	17.28 -0.33 0.00	31.97 -0.84 0.00	39.11 -1.36 0.00	28.40 -0.86 0.00	27.57 -0.91 0.00	34.01 -1.23 0.00	40.26 -1.20 0.00	32.68 -1.11 0.00
REGAN___SOLAR 323812	34.14 1.77 0.00	39.84 2.06 0.00	42.62 2.23 0.00	40.09 2.12 0.00	43.20 2.38 0.00	46.12 2.59 0.00	53.03 3.25 0.00	41.59 2.16 0.00	30.05 1.06 0.00	30.09 0.57 0.00	31.22 0.35 0.00	27.47 -0.36 0.00	25.56 -0.30 0.00	12.82 -0.14 0.00	15.67 -0.17 0.00	14.94 -0.23 0.00	17.53 -0.09 0.00	34.09 1.29 0.00	43.02 2.55 0.00	31.35 2.08 0.00	30.45 1.98 0.00	37.56 2.32 0.00	44.08 2.62 0.00	35.75 1.95 0.00
RENSSELAER___COGEN 23796	32.65 0.27 0.00	38.07 0.30 0.00	40.61 0.23 0.00	38.26 0.28 0.00	41.14 0.33 0.00	43.88 0.35 0.00	50.46 0.68 0.00	39.96 0.53 0.00	29.28 0.29 0.00	29.71 0.19 0.00	31.05 0.18 0.00	28.05 0.21 0.00	26.11 0.26 0.00	13.06 0.11 0.00	15.97 0.12 0.00	15.31 0.14 0.00	17.78 0.16 0.00	33.23 0.42 0.00	41.07 0.60 0.00	29.83 0.57 0.00	29.03 0.55 0.00	35.84 0.61 0.00	42.02 0.57 0.00	34.33 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.98 2.60 0.00	41.09 3.31 0.00	43.53 3.15 0.00	40.82 2.84 0.00	44.36 3.55 0.00	48.15 4.62 0.00	55.14 5.36 0.00	43.46 4.03 0.00	31.04 2.05 0.00	30.95 1.43 0.00	32.23 1.36 0.00	29.08 1.25 0.00	26.83 0.98 0.00	13.60 0.65 0.00	16.67 0.82 0.00	15.94 0.76 0.00	18.55 0.93 0.00	34.82 2.02 0.00	42.94 2.47 0.00	30.96 1.70 0.00	30.18 1.71 0.00	37.49 2.25 0.00	44.20 2.74 0.00	36.70 2.91 0.00
REVERE_CPPR_DRP 24186	33.18 0.80 0.00	38.67 0.89 0.00	41.29 0.90 0.00	38.75 0.77 0.00	41.74 0.92 0.00	44.66 1.13 0.00	51.58 1.80 0.00	40.90 1.48 0.00	29.98 1.00 0.00	30.28 0.76 0.00	31.56 0.69 0.00	28.49 0.66 0.00	26.44 0.59 0.00	13.19 0.24 0.00	16.04 0.19 0.00	15.36 0.18 0.00	18.12 0.50 0.00	33.91 1.11 0.00	41.97 1.49 0.00	30.38 1.12 0.00	29.52 1.04 0.00	36.28 1.04 0.00	42.59 1.13 0.00	34.57 0.78 0.00
REYNOLDS_115KV_TB3 80639	32.89 0.51 0.00	38.35 0.58 0.00	40.92 0.54 0.00	38.53 0.55 0.00	41.53 0.71 0.00	44.33 0.79 0.00	50.98 1.20 0.00	40.35 0.92 0.00	29.53 0.54 0.00	29.95 0.43 0.00	31.28 0.41 0.00	28.25 0.42 0.00	26.29 0.44 0.00	13.15 0.20 0.00	16.07 0.22 0.00	15.42 0.25 0.00	17.91 0.29 0.00	33.47 0.67 0.00	41.36 0.88 0.00	30.01 0.75 0.00	29.21 0.73 0.00	36.10 0.86 0.00	42.36 0.91 0.00	34.60 0.81 0.00
RIVERBAY____ 323610	33.93 1.56 0.00	39.38 1.60 0.00	41.94 1.55 0.00	39.49 1.51 0.00	42.54 1.72 0.00	45.62 2.08 0.00	52.82 3.04 0.00	57.71 2.56 -15.72	31.21 1.54 -0.69	31.97 1.50 -0.95	33.68 1.67 -1.14	31.95 1.48 -2.63	41.15 1.31 -13.98	15.18 0.62 -1.61	17.85 0.69 -1.32	17.52 0.70 -1.64	39.02 0.84 -20.56	36.17 1.61 -1.76	43.97 2.25 -1.24	31.93 1.75 -0.91	30.90 1.76 -0.67	37.68 1.99 -0.45	44.04 2.27 -0.32	36.22 1.92 -0.50
RIVERSDE_115KV_TB3 55908	32.79 0.41 0.00	38.23 0.45 0.00	40.77 0.38 0.00	38.40 0.42 0.00	41.21 0.39 0.00	43.97 0.44 0.00	50.56 0.78 0.00	40.05 0.62 0.00	29.34 0.35 0.00	29.78 0.26 0.00	31.19 0.32 0.00	28.17 0.34 0.00	26.22 0.37 0.00	13.11 0.16 0.00	16.03 0.18 0.00	15.38 0.20 0.00	17.86 0.25 0.00	33.39 0.59 0.00	41.26 0.78 0.00	29.95 0.69 0.00	29.15 0.67 0.00	36.00 0.76 0.00	42.23 0.77 0.00	34.50 0.70 0.00
ROARING___BROOK_WT_PWR 323790	32.16 -0.22 0.00	37.43 -0.35 0.00	40.00 -0.38 0.00	37.53 -0.45 0.00	40.38 -0.44 0.00	43.07 -0.47 0.00	49.16 -0.62 0.00	39.06 -0.37 0.00	28.92 -0.06 0.00	29.52 0.00 0.00	30.89 0.02 0.00	27.85 0.02 0.00	25.83 -0.02 0.00	12.89 -0.06 0.00	15.74 -0.11 0.00	15.10 -0.08 0.00	17.51 -0.11 0.00	32.59 -0.21 0.00	40.06 -0.41 0.00	28.89 -0.37 0.00	27.94 -0.54 0.00	34.56 -0.68 0.00	40.76 -0.70 0.00	33.16 -0.63 0.00

ROCHESRG_115KV_T4 355643	31.35 -1.03 0.00	36.56 -1.22 0.00	39.18 -1.20 0.00	36.76 -1.21 0.00	39.27 -1.55 0.00	41.97 -1.57 0.00	47.99 -1.79 0.00	37.75 -1.67 0.00	27.92 -1.07 0.00	28.68 -0.84 0.00	30.05 -0.82 0.00	26.91 -0.92 0.00	24.94 -0.92 0.00	12.63 -0.32 0.00	15.53 -0.32 0.00	14.77 -0.41 0.00	17.12 -0.50 0.00	31.61 -1.19 0.00	38.67 -1.80 0.00	28.06 -1.21 0.00	27.24 -1.23 0.00	33.65 -1.59 0.00	39.85 -1.61 0.00	32.36 -1.43 0.00
ROCHESTER_9_IC 23652	31.51 -0.87 0.00	36.73 -1.05 0.00	39.36 -1.02 0.00	36.93 -1.04 0.00	39.45 -1.36 0.00	42.20 -1.34 0.00	48.25 -1.52 0.00	37.97 -1.46 0.00	28.08 -0.91 0.00	28.84 -0.68 0.00	30.20 -0.67 0.00	27.03 -0.80 0.00	25.04 -0.82 0.00	12.68 -0.27 0.00	15.60 -0.24 0.00	14.84 -0.34 0.00	17.21 -0.41 0.00	31.79 -1.02 0.00	38.91 -1.57 0.00	28.22 -1.04 0.00	27.41 -1.07 0.00	33.84 -1.40 0.00	40.07 -1.39 0.00	32.53 -1.27 0.00
ROCKVIEW_13_KV_LD 356306	33.92 1.54 0.00	39.40 1.62 0.00	42.00 1.62 0.00	39.53 1.55 0.00	42.50 1.69 0.00	45.56 2.03 0.00	52.53 2.75 0.00	40.86 2.46 1.02	30.54 1.56 0.00	31.01 1.49 0.00	32.52 1.65 0.00	29.36 1.53 0.00	27.23 1.37 0.00	13.59 0.64 0.00	16.55 0.70 0.00	15.91 0.73 0.00	18.50 0.89 0.00	34.51 1.71 0.00	42.84 2.36 0.00	31.09 1.83 0.00	30.30 1.82 0.00	37.27 2.04 0.00	43.75 2.29 0.00	35.73 1.94 0.00
ROME____115KV_TB2 80656	33.18 0.80 0.00	38.67 0.89 0.00	41.29 0.90 0.00	38.75 0.77 0.00	41.74 0.92 0.00	44.66 1.13 0.00	51.58 1.80 0.00	40.90 1.48 0.00	29.98 1.00 0.00	30.28 0.76 0.00	31.56 0.69 0.00	28.49 0.66 0.00	26.44 0.59 0.00	13.19 0.24 0.00	16.04 0.19 0.00	15.36 0.18 0.00	18.12 0.50 0.00	33.91 1.11 0.00	41.97 1.49 0.00	30.38 1.12 0.00	29.52 1.04 0.00	36.28 1.04 0.00	42.59 1.13 0.00	34.57 0.78 0.00
ROSETON___1 23587	33.37 0.99 0.00	38.82 1.04 0.00	41.42 1.03 0.00	38.99 1.02 0.00	41.92 1.11 0.00	44.88 1.34 0.00	51.69 1.91 0.00	41.01 1.71 0.13	30.03 1.05 0.00	30.49 0.97 0.00	31.91 1.04 0.00	28.82 0.98 0.00	26.76 0.90 0.00	13.37 0.42 0.00	16.30 0.46 0.00	15.66 0.48 0.00	18.20 0.58 0.00	33.95 1.15 0.00	42.12 1.65 0.00	30.54 1.28 0.00	29.74 1.27 0.00	36.64 1.41 0.00	43.00 1.54 0.00	35.13 1.33 0.00
ROSETON___2 23588	33.37 0.99 0.00	38.82 1.04 0.00	41.42 1.03 0.00	38.99 1.02 0.00	41.92 1.11 0.00	44.88 1.34 0.00	51.69 1.91 0.00	41.01 1.71 0.13	30.03 1.05 0.00	30.49 0.97 0.00	31.91 1.04 0.00	28.82 0.98 0.00	26.76 0.90 0.00	13.37 0.42 0.00	16.30 0.46 0.00	15.66 0.48 0.00	18.20 0.58 0.00	33.95 1.15 0.00	42.12 1.65 0.00	30.54 1.28 0.00	29.74 1.27 0.00	36.64 1.41 0.00	43.00 1.54 0.00	35.13 1.33 0.00
ROTRRDAM_115KV_TB3 80664	33.05 0.67 0.00	38.58 0.80 0.00	41.23 0.84 0.00	38.79 0.81 0.00	41.75 0.93 0.00	44.52 0.99 0.00	51.14 1.36 0.00	40.47 1.04 0.00	29.58 0.60 0.00	30.00 0.48 0.00	31.34 0.47 0.00	28.23 0.39 0.00	26.26 0.41 0.00	13.15 0.20 0.00	16.06 0.22 0.00	15.39 0.21 0.00	17.86 0.24 0.00	33.43 0.63 0.00	41.36 0.88 0.00	29.97 0.71 0.00	29.17 0.69 0.00	36.04 0.81 0.00	42.42 0.96 0.00	34.64 0.84 0.00
RUSSELL___1 23602	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
RUSSELL___2 23532	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
RUSSELL___3 23549	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
RUSSELL___4 23556	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
RUSSELL___STATION 23914	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
S SALMON___HYD 24043	31.73 -0.65 0.00	36.93 -0.85 0.00	39.47 -0.91 0.00	36.99 -0.99 0.00	39.86 -0.95 0.00	42.53 -1.00 0.00	49.02 -0.75 0.00	38.94 -0.48 0.00	28.64 -0.35 0.00	29.06 -0.46 0.00	30.30 -0.57 0.00	27.18 -0.65 0.00	25.34 -0.52 0.00	12.59 -0.36 0.00	15.37 -0.48 0.00	14.70 -0.48 0.00	17.28 -0.34 0.00	32.21 -0.59 0.00	39.89 -0.58 0.00	28.95 -0.31 0.00	28.11 -0.37 0.00	34.49 -0.74 0.00	40.49 -0.97 0.00	32.92 -0.88 0.00
S.PERRY__115KV_TB1 80734	32.67 0.30 0.00	38.11 0.33 0.00	40.82 0.44 0.00	38.24 0.27 0.00	40.89 0.08 0.00	43.69 0.15 0.00	50.13 0.36 0.00	39.51 0.08 0.00	29.07 0.09 0.00	29.50 -0.02 0.00	30.81 -0.06 0.00	27.26 -0.57 0.00	25.12 -0.73 0.00	12.70 -0.24 0.00	15.61 -0.24 0.00	14.91 -0.27 0.00	17.24 -0.37 0.00	32.44 -0.36 0.00	40.12 -0.35 0.00	29.07 -0.19 0.00	28.21 -0.26 0.00	34.68 -0.56 0.00	40.86 -0.60 0.00	33.11 -0.68 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.73 -1.65 0.00	35.83 -1.95 0.00	38.52 -1.87 0.00	36.07 -1.91 0.00	38.26 -2.56 0.00	40.76 -2.78 0.00	46.16 -3.61 0.00	35.99 -3.44 0.00	26.80 -2.19 0.00	27.83 -1.69 0.00	29.32 -1.54 0.00	26.29 -1.54 0.00	24.38 -1.48 0.00	12.46 -0.49 0.00	15.35 -0.49 0.00	14.49 -0.69 0.00	16.75 -0.87 0.00	30.51 -2.29 0.00	37.00 -3.47 0.00	26.89 -2.38 0.00	26.05 -2.43 0.00	32.27 -2.97 0.00	38.52 -2.93 0.00	31.28 -2.51 0.00

SAWYER___23_KV_LOAD 55526	30.73 -1.65 0.00	35.83 -1.95 0.00	38.52 -1.87 0.00	36.07 -1.91 0.00	38.26 -2.56 0.00	40.76 -2.78 0.00	46.16 -3.61 0.00	35.99 -3.44 0.00	26.80 -2.19 0.00	27.83 -1.69 0.00	29.32 -1.54 0.00	26.29 -1.54 0.00	24.38 -1.48 0.00	12.46 -0.49 0.00	15.35 -0.49 0.00	14.49 -0.69 0.00	16.75 -0.87 0.00	30.51 -2.29 0.00	37.00 -3.47 0.00	26.89 -2.38 0.00	26.05 -2.43 0.00	32.27 -2.97 0.00	38.52 -2.93 0.00	31.28 -2.51 0.00
SELKIRK___I 23801	32.91 0.54 0.00	38.44 0.65 0.00	41.06 0.67 0.00	38.64 0.66 0.00	41.56 0.74 0.00	44.29 0.75 0.00	50.83 1.05 0.00	40.15 0.72 0.00	29.38 0.39 0.00	29.77 0.25 0.00	31.01 0.14 0.00	27.96 0.13 0.00	26.09 0.23 0.00	13.08 0.12 0.00	16.01 0.16 0.00	15.31 0.14 0.00	17.77 0.15 0.00	33.29 0.48 0.00	41.26 0.79 0.00	29.98 0.72 0.00	29.16 0.69 0.00	36.01 0.77 0.00	42.27 0.81 0.00	34.51 0.71 0.00
SELKIRK___II 23799	32.76 0.38 0.00	38.23 0.45 0.00	40.82 0.44 0.00	38.43 0.46 0.00	41.32 0.50 0.00	44.05 0.52 0.00	50.61 0.83 0.00	40.09 0.66 0.00	29.37 0.38 0.00	29.82 0.30 0.00	31.17 0.30 0.00	28.13 0.30 0.00	26.20 0.34 0.00	13.11 0.15 0.00	16.03 0.18 0.00	15.36 0.19 0.00	17.82 0.20 0.00	33.27 0.47 0.00	41.15 0.68 0.00	29.87 0.61 0.00	29.07 0.60 0.00	35.90 0.66 0.00	42.13 0.67 0.00	34.40 0.60 0.00
SENECA OSWGO___HYD 24041	31.67 -0.71 0.00	36.95 -0.83 0.00	39.52 -0.87 0.00	37.14 -0.84 0.00	39.92 -0.90 0.00	42.61 -0.92 0.00	48.93 -0.85 0.00	38.76 -0.66 0.00	28.43 -0.55 0.00	28.94 -0.58 0.00	30.31 -0.56 0.00	27.27 -0.56 0.00	25.27 -0.59 0.00	12.64 -0.31 0.00	15.47 -0.38 0.00	14.81 -0.36 0.00	17.29 -0.33 0.00	32.14 -0.67 0.00	39.72 -0.75 0.00	28.77 -0.49 0.00	27.94 -0.53 0.00	34.46 -0.77 0.00	40.55 -0.91 0.00	33.00 -0.79 0.00
SENECA___115KV_TB3 355854	31.25 -1.12 0.00	36.46 -1.32 0.00	39.19 -1.20 0.00	36.68 -1.30 0.00	38.95 -1.87 0.00	41.52 -2.02 0.00	47.41 -2.36 0.00	37.06 -2.37 0.00	27.47 -1.51 0.00	28.32 -1.20 0.00	29.81 -1.06 0.00	26.70 -1.14 0.00	24.75 -1.10 0.00	12.64 -0.31 0.00	15.56 -0.29 0.00	14.68 -0.50 0.00	17.00 -0.62 0.00	31.06 -1.74 0.00	37.71 -2.76 0.00	27.36 -1.90 0.00	26.48 -2.00 0.00	32.75 -2.49 0.00	39.04 -2.41 0.00	31.71 -2.09 0.00
SENECA___ENERGY 23797	32.14 -0.24 0.00	37.50 -0.28 0.00	40.16 -0.23 0.00	37.70 -0.28 0.00	40.42 -0.40 0.00	43.16 -0.38 0.00	49.55 -0.23 0.00	39.23 -0.20 0.00	28.87 -0.12 0.00	29.50 -0.02 0.00	30.78 -0.09 0.00	27.64 -0.19 0.00	25.49 -0.37 0.00	12.80 -0.15 0.00	15.68 -0.16 0.00	15.07 -0.11 0.00	17.48 -0.13 0.00	32.42 -0.39 0.00	39.94 -0.54 0.00	28.94 -0.32 0.00	28.11 -0.37 0.00	34.56 -0.67 0.00	40.74 -0.72 0.00	33.17 -0.62 0.00
SHOEMAKER___GT 23640	33.21 0.83 0.00	38.65 0.87 0.00	41.24 0.86 0.00	38.84 0.86 0.00	41.75 0.93 0.00	44.67 1.14 0.00	51.38 1.60 0.00	41.04 1.42 -0.20	29.84 0.85 0.00	30.30 0.78 0.00	31.65 0.78 0.00	28.61 0.78 0.00	26.62 0.76 0.00	13.28 0.33 0.00	16.17 0.32 0.00	15.53 0.36 0.00	18.08 0.46 0.00	33.75 0.95 0.00	41.83 1.36 0.00	30.34 1.08 0.00	29.57 1.10 0.00	36.43 1.19 0.00	42.77 1.32 0.00	34.91 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	33.19 0.82 0.00	38.62 0.84 0.00	41.23 0.85 0.00	38.82 0.84 0.00	41.74 0.92 0.00	44.65 1.12 0.00	51.37 1.59 0.00	41.05 1.43 -0.19	29.85 0.86 0.00	30.31 0.79 0.00	31.66 0.79 0.00	28.62 0.79 0.00	26.60 0.75 0.00	13.27 0.33 0.00	16.18 0.33 0.00	15.55 0.37 0.00	18.09 0.47 0.00	33.76 0.96 0.00	41.85 1.37 0.00	30.34 1.08 0.00	29.56 1.09 0.00	36.40 1.17 0.00	42.75 1.29 0.00	34.91 1.11 0.00
SHOREHAM_IC_1 23715	34.15 1.77 0.00	39.58 1.80 0.00	41.95 1.56 0.00	39.28 1.31 0.00	42.11 1.29 0.00	45.09 1.64 0.08	50.11 2.05 1.71	35.36 2.29 6.36	29.14 1.34 1.19	29.18 1.24 1.58	30.95 1.92 1.84	25.15 1.82 4.50	21.29 1.35 5.92	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.53 1.68 1.41	29.53 2.09 1.03	36.81 2.30 0.72	43.28 2.34 0.51	35.10 2.10 0.79
SHOREHAM_IC_2 23716	34.15 1.77 0.00	39.58 1.80 0.00	41.95 1.56 0.00	39.28 1.31 0.00	42.11 1.29 0.00	45.09 1.64 0.08	50.11 2.05 1.71	35.36 2.29 6.36	29.14 1.34 1.19	29.18 1.24 1.58	30.95 1.92 1.84	25.15 1.82 4.50	21.29 1.35 5.92	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.53 1.68 1.41	29.53 2.09 1.03	36.81 2.30 0.72	43.28 2.34 0.51	35.10 2.10 0.79
SISSONVILLE____ 23735	32.13 -0.24 0.00	37.45 -0.34 0.00	39.97 -0.41 0.00	37.56 -0.42 0.00	40.46 -0.35 0.00	43.23 -0.30 0.00	48.85 -0.93 0.00	38.46 -0.97 0.00	28.54 -0.45 0.00	29.12 -0.40 0.00	30.43 -0.45 0.00	27.46 -0.37 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.68 -0.17 0.00	14.93 -0.25 0.00	17.41 -0.20 0.00	32.42 -0.38 0.00	39.90 -0.57 0.00	28.82 -0.44 0.00	28.12 -0.36 0.00	34.99 -0.25 0.00	41.15 -0.31 0.00	33.44 -0.35 0.00
SITHE_IND_GS1 24169	31.50 -0.88 0.00	36.75 -1.02 0.00	39.31 -1.08 0.00	36.95 -1.03 0.00	39.68 -1.14 0.00	42.35 -1.19 0.00	48.55 -1.23 0.00	38.43 -0.99 0.00	28.23 -0.76 0.00	28.76 -0.76 0.00	30.08 -0.78 0.00	27.08 -0.75 0.00	25.12 -0.74 0.00	12.59 -0.36 0.00	15.42 -0.43 0.00	14.76 -0.41 0.00	17.16 -0.46 0.00	31.91 -0.90 0.00	39.35 -1.12 0.00	28.50 -0.76 0.00	27.70 -0.78 0.00	34.19 -1.04 0.00	40.26 -1.20 0.00	32.80 -0.99 0.00
SITHE_IND_GS2 24170	31.50 -0.88 0.00	36.75 -1.02 0.00	39.31 -1.08 0.00	36.95 -1.03 0.00	39.68 -1.14 0.00	42.35 -1.19 0.00	48.55 -1.23 0.00	38.43 -0.99 0.00	28.23 -0.76 0.00	28.76 -0.76 0.00	30.08 -0.78 0.00	27.08 -0.75 0.00	25.12 -0.74 0.00	12.59 -0.36 0.00	15.42 -0.43 0.00	14.76 -0.41 0.00	17.16 -0.46 0.00	31.91 -0.90 0.00	39.35 -1.12 0.00	28.50 -0.76 0.00	27.70 -0.78 0.00	34.19 -1.04 0.00	40.26 -1.20 0.00	32.80 -0.99 0.00
SITHE_IND_GS3 24171	31.50 -0.88 0.00	36.75 -1.02 0.00	39.31 -1.08 0.00	36.95 -1.03 0.00	39.68 -1.14 0.00	42.35 -1.19 0.00	48.55 -1.23 0.00	38.43 -0.99 0.00	28.23 -0.76 0.00	28.76 -0.76 0.00	30.08 -0.78 0.00	27.08 -0.75 0.00	25.12 -0.74 0.00	12.59 -0.36 0.00	15.42 -0.43 0.00	14.76 -0.41 0.00	17.16 -0.46 0.00	31.91 -0.90 0.00	39.35 -1.12 0.00	28.50 -0.76 0.00	27.70 -0.78 0.00	34.19 -1.04 0.00	40.26 -1.20 0.00	32.80 -0.99 0.00
SITHE_IND_GS4 24172	31.50 -0.88 0.00	36.75 -1.02 0.00	39.31 -1.08 0.00	36.95 -1.03 0.00	39.68 -1.14 0.00	42.35 -1.19 0.00	48.55 -1.23 0.00	38.43 -0.99 0.00	28.23 -0.76 0.00	28.76 -0.76 0.00	30.08 -0.78 0.00	27.08 -0.75 0.00	25.12 -0.74 0.00	12.59 -0.36 0.00	15.42 -0.43 0.00	14.76 -0.41 0.00	17.16 -0.46 0.00	31.91 -0.90 0.00	39.35 -1.12 0.00	28.50 -0.76 0.00	27.70 -0.78 0.00	34.19 -1.04 0.00	40.26 -1.20 0.00	32.80 -0.99 0.00

SITHE___BATAVIA 24024	31.41 -0.97 0.00	36.60 -1.18 0.00	39.28 -1.10 0.00	36.83 -1.14 0.00	39.27 -1.55 0.00	41.98 -1.55 0.00	47.99 -1.78 0.00	37.57 -1.85 0.00	27.92 -1.07 0.00	28.77 -0.75 0.00	30.03 -0.84 0.00	26.68 -1.15 0.00	24.60 -1.25 0.00	12.57 -0.38 0.00	15.54 -0.30 0.00	14.77 -0.40 0.00	16.99 -0.63 0.00	31.43 -1.37 0.00	38.34 -2.13 0.00	27.93 -1.34 0.00	27.09 -1.39 0.00	33.46 -1.78 0.00	39.79 -1.66 0.00	32.25 -1.55 0.00
SITHE___INDEPEND 23800	31.50 -0.88 0.00	36.75 -1.03 0.00	39.31 -1.08 0.00	36.95 -1.03 0.00	39.68 -1.14 0.00	42.34 -1.19 0.00	48.54 -1.23 0.00	38.43 -1.00 0.00	28.23 -0.76 0.00	28.76 -0.76 0.00	30.08 -0.78 0.00	27.08 -0.75 0.00	25.12 -0.74 0.00	12.59 -0.36 0.00	15.42 -0.43 0.00	14.76 -0.42 0.00	17.16 -0.46 0.00	31.91 -0.90 0.00	39.36 -1.12 0.00	28.49 -0.77 0.00	27.69 -0.78 0.00	34.20 -1.04 0.00	40.26 -1.19 0.00	32.80 -0.99 0.00
SITHE___MASSENA 23902	32.85 0.48 0.00	38.31 0.53 0.00	40.92 0.54 0.00	38.48 0.50 0.00	41.37 0.56 0.00	44.16 0.63 0.00	49.83 0.05 0.00	39.24 -0.19 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.31 0.00	28.17 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.36 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.71 0.23 0.00	29.34 0.08 0.00	28.62 0.15 0.00	35.65 0.41 0.00	41.99 0.53 0.00	34.18 0.39 0.00
SITHE___OGDNSBRG 24021	33.14 0.77 0.00	38.60 0.82 0.00	41.22 0.84 0.00	38.77 0.79 0.00	41.73 0.91 0.00	44.58 1.05 0.00	50.32 0.54 0.00	39.42 -0.01 0.00	29.11 0.12 0.00	29.72 0.20 0.00	31.03 0.15 0.00	28.02 0.19 0.00	26.02 0.16 0.00	13.08 0.13 0.00	16.01 0.16 0.00	15.28 0.10 0.00	17.82 0.20 0.00	33.29 0.48 0.00	40.96 0.49 0.00	29.64 0.38 0.00	28.98 0.50 0.00	36.07 0.83 0.00	42.44 0.98 0.00	34.48 0.69 0.00
SITHE___STERLING 23777	32.95 0.58 0.00	38.44 0.66 0.00	41.08 0.70 0.00	38.58 0.60 0.00	41.52 0.70 0.00	44.37 0.84 0.00	51.16 1.38 0.00	40.55 1.13 0.00	29.69 0.70 0.00	30.03 0.51 0.00	31.32 0.45 0.00	28.25 0.41 0.00	26.24 0.38 0.00	13.09 0.15 0.00	15.96 0.12 0.00	15.27 0.10 0.00	17.96 0.34 0.00	33.57 0.77 0.00	41.55 1.07 0.00	30.07 0.81 0.00	29.21 0.74 0.00	35.95 0.71 0.00	42.21 0.76 0.00	34.31 0.52 0.00
SLEIGHT__34_KV_TB1 80719	31.65 -0.72 0.00	36.93 -0.85 0.00	39.56 -0.82 0.00	37.14 -0.84 0.00	39.75 -1.06 0.00	42.53 -1.00 0.00	48.80 -0.98 0.00	38.47 -0.96 0.00	28.37 -0.62 0.00	29.08 -0.44 0.00	30.37 -0.50 0.00	27.16 -0.67 0.00	25.08 -0.77 0.00	12.65 -0.30 0.00	15.52 -0.33 0.00	14.89 -0.29 0.00	17.29 -0.33 0.00	31.98 -0.83 0.00	39.34 -1.14 0.00	28.54 -0.72 0.00	27.71 -0.76 0.00	34.16 -1.08 0.00	40.35 -1.11 0.00	32.77 -1.03 0.00
SOUTH CAIRO___GT 23612	33.75 1.38 0.00	39.37 1.59 0.00	42.01 1.63 0.00	39.58 1.60 0.00	42.60 1.78 0.00	45.48 1.95 0.00	52.46 2.69 0.00	41.38 1.96 0.00	30.20 1.21 0.00	30.74 1.22 0.00	31.76 0.89 0.00	28.42 0.58 0.00	26.62 0.76 0.00	13.21 0.27 0.00	16.11 0.26 0.00	15.41 0.23 0.00	17.92 0.30 0.00	33.77 0.96 0.00	42.27 1.79 0.00	30.89 1.62 0.00	30.08 1.60 0.00	37.07 1.83 0.00	43.37 1.91 0.00	35.33 1.53 0.00
SOUTH HAMPTN___IC 23720	34.57 2.20 0.00	39.80 2.02 0.00	41.91 1.52 0.00	39.14 1.16 0.00	41.92 1.10 0.00	44.95 1.50 0.08	49.97 1.91 1.72	35.23 2.18 6.37	28.99 1.20 1.19	29.01 1.08 1.58	30.92 1.89 1.84	25.18 1.85 4.51	21.32 1.42 5.96	10.68 0.39 2.65	14.01 0.21 2.05	13.03 0.39 2.55	14.77 0.53 3.37	31.19 1.11 2.72	40.65 2.10 1.92	29.47 1.62 1.41	29.43 1.98 1.03	36.66 2.15 0.72	43.07 2.12 0.51	34.93 1.93 0.79
SOUTHDOW_115KV_TB1 355954	32.74 0.37 0.00	38.27 0.49 0.00	41.05 0.66 0.00	38.34 0.36 0.00	40.34 -0.47 0.00	42.96 -0.57 0.00	49.72 -0.06 0.00	39.09 -0.33 0.00	28.75 -0.23 0.00	29.65 0.13 0.00	31.13 0.26 0.00	28.05 0.22 0.00	26.09 0.24 0.00	13.26 0.31 0.00	16.31 0.47 0.00	15.25 0.08 0.00	17.88 0.27 0.00	33.01 0.21 0.00	39.96 -0.51 0.00	28.55 -0.71 0.00	27.55 -0.93 0.00	33.91 -1.32 0.00	40.39 -1.07 0.00	32.77 -1.02 0.00
SOUTHOLD_69_KV_BK 2 55809	34.89 2.51 0.00	39.85 2.07 0.00	41.62 1.24 0.00	38.72 0.75 0.00	41.43 0.62 0.00	44.50 1.05 0.08	49.71 1.65 1.72	35.71 2.65 6.37	28.68 0.89 1.19	28.67 0.73 1.58	30.73 1.70 1.84	25.05 1.72 4.51	21.25 1.35 5.96	10.56 0.26 2.65	13.79 -0.01 2.05	12.84 0.20 2.55	14.54 0.29 3.37	30.78 0.69 2.72	40.22 1.66 1.92	29.17 1.33 1.41	29.14 1.69 1.03	36.30 1.78 0.72	42.61 1.67 0.51	34.54 1.54 0.79
SOUTHOLD___IC 23719	34.89 2.51 0.00	39.85 2.07 0.00	41.62 1.24 0.00	38.72 0.75 0.00	41.43 0.61 0.00	44.48 1.02 0.08	49.47 1.41 1.72	34.85 1.80 6.37	28.66 0.86 1.19	28.65 0.71 1.58	30.73 1.70 1.84	25.05 1.73 4.51	21.25 1.35 5.96	10.55 0.25 2.65	13.79 -0.01 2.05	12.82 0.19 2.55	14.53 0.29 3.37	30.78 0.69 2.72	40.20 1.65 1.92	29.17 1.32 1.41	29.14 1.69 1.03	36.29 1.77 0.72	42.57 1.62 0.51	34.53 1.53 0.79
SOUTH_FORK_WT_PWR 323839	34.95 2.57 0.00	39.64 1.86 0.00	41.10 0.72 0.00	38.10 0.12 0.00	40.73 -0.09 0.00	43.73 0.28 0.08	48.61 0.56 1.72	34.19 1.13 6.37	28.14 0.34 1.19	28.13 0.19 1.58	30.34 1.32 1.84	24.78 1.45 4.51	21.04 1.14 5.96	10.37 0.07 2.65	13.52 -0.27 2.05	12.56 -0.07 2.55	14.22 -0.03 3.37	30.19 0.10 2.72	39.48 0.93 1.92	28.67 0.82 1.41	28.64 1.20 1.03	35.67 1.15 0.72	41.83 0.89 0.51	33.97 0.97 0.79
SPIERFLS_115KV_TB 1 80737	33.82 1.44 0.00	39.51 1.73 0.00	42.16 1.77 0.00	39.57 1.59 0.00	42.75 1.94 0.00	45.74 2.21 0.00	52.61 2.83 0.00	41.58 2.16 0.00	30.16 1.17 0.00	30.44 0.92 0.00	31.87 1.00 0.00	28.71 0.88 0.00	26.64 0.78 0.00	13.41 0.46 0.00	16.29 0.44 0.00	15.50 0.32 0.00	18.00 0.38 0.00	33.72 0.92 0.00	41.29 0.81 0.00	29.85 0.58 0.00	29.06 0.59 0.00	36.05 0.81 0.00	43.20 1.74 0.00	35.71 1.91 0.00
ST LAWRENCE____ 23600	32.49 0.11 0.00	37.91 0.13 0.00	40.49 0.10 0.00	38.08 0.11 0.00	40.91 0.09 0.00	43.69 0.15 0.00	49.49 -0.29 0.00	39.02 -0.41 0.00	28.86 -0.12 0.00	29.54 0.02 0.00	30.93 0.07 0.00	27.90 0.07 0.00	25.91 0.06 0.00	13.00 0.05 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.67 0.05 0.00	32.78 -0.02 0.00	40.29 -0.19 0.00	29.02 -0.24 0.00	28.30 -0.18 0.00	35.25 0.01 0.00	41.53 0.07 0.00	33.82 0.02 0.00
STATE_CA_115KV_115_LB 55624	32.81 0.43 0.00	38.26 0.48 0.00	40.80 0.42 0.00	38.43 0.45 0.00	41.24 0.42 0.00	43.99 0.46 0.00	50.60 0.82 0.00	40.07 0.65 0.00	29.37 0.39 0.00	29.83 0.32 0.00	31.23 0.36 0.00	28.23 0.39 0.00	26.25 0.40 0.00	13.12 0.17 0.00	16.05 0.20 0.00	15.39 0.21 0.00	17.90 0.29 0.00	33.52 0.71 0.00	41.39 0.92 0.00	30.03 0.77 0.00	29.21 0.73 0.00	36.08 0.84 0.00	42.30 0.84 0.00	34.55 0.76 0.00

STATE_ST_34_KV_LOAD 55959	32.51 0.13 0.00	37.96 0.18 0.00	40.64 0.25 0.00	38.17 0.19 0.00	40.85 0.03 0.00	43.75 0.21 0.00	50.25 0.47 0.00	39.71 0.29 0.00	29.12 0.13 0.00	29.72 0.20 0.00	30.96 0.10 0.00	27.88 0.04 0.00	25.71 -0.15 0.00	12.89 -0.06 0.00	15.74 -0.10 0.00	15.14 -0.04 0.00	17.67 0.05 0.00	32.84 0.04 0.00	40.42 -0.06 0.00	29.38 0.12 0.00	28.54 0.06 0.00	35.09 -0.15 0.00	41.39 -0.07 0.00	33.72 -0.08 0.00
STATION 5_MISC_HYD 23604	31.51 -0.86 0.00	36.73 -1.05 0.00	39.36 -1.02 0.00	36.93 -1.04 0.00	39.46 -1.35 0.00	42.20 -1.33 0.00	48.28 -1.50 0.00	37.99 -1.44 0.00	28.08 -0.90 0.00	28.85 -0.67 0.00	30.20 -0.67 0.00	27.06 -0.77 0.00	25.05 -0.81 0.00	12.67 -0.28 0.00	15.60 -0.25 0.00	14.84 -0.33 0.00	17.21 -0.41 0.00	31.81 -1.00 0.00	38.89 -1.58 0.00	28.23 -1.03 0.00	27.42 -1.06 0.00	33.82 -1.42 0.00	40.06 -1.40 0.00	32.53 -1.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.87 -0.50 0.00	37.20 -0.58 0.00	39.84 -0.54 0.00	37.41 -0.57 0.00	40.05 -0.77 0.00	42.81 -0.72 0.00	49.10 -0.68 0.00	38.77 -0.66 0.00	28.58 -0.41 0.00	29.26 -0.26 0.00	30.56 -0.31 0.00	27.35 -0.49 0.00	25.25 -0.60 0.00	12.73 -0.22 0.00	15.63 -0.21 0.00	14.96 -0.21 0.00	17.37 -0.24 0.00	32.19 -0.61 0.00	39.60 -0.88 0.00	28.72 -0.54 0.00	27.88 -0.60 0.00	34.35 -0.89 0.00	40.54 -0.92 0.00	32.96 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.37 -1.00 0.00	36.57 -1.21 0.00	39.19 -1.20 0.00	36.78 -1.20 0.00	39.30 -1.51 0.00	42.03 -1.51 0.00	48.07 -1.70 0.00	37.87 -1.55 0.00	28.00 -0.99 0.00	28.74 -0.77 0.00	30.09 -0.78 0.00	26.94 -0.90 0.00	24.95 -0.90 0.00	12.63 -0.32 0.00	15.54 -0.31 0.00	14.79 -0.39 0.00	17.15 -0.47 0.00	31.70 -1.11 0.00	38.81 -1.66 0.00	28.14 -1.12 0.00	27.33 -1.15 0.00	33.74 -1.50 0.00	39.91 -1.55 0.00	32.41 -1.38 0.00
STA_56___34_KV_BUS2 355983	31.37 -1.00 0.00	36.57 -1.21 0.00	39.19 -1.20 0.00	36.78 -1.20 0.00	39.30 -1.51 0.00	42.03 -1.51 0.00	48.07 -1.70 0.00	37.87 -1.55 0.00	28.00 -0.99 0.00	28.74 -0.77 0.00	30.09 -0.78 0.00	26.94 -0.90 0.00	24.95 -0.90 0.00	12.63 -0.32 0.00	15.54 -0.31 0.00	14.79 -0.39 0.00	17.15 -0.47 0.00	31.70 -1.11 0.00	38.81 -1.66 0.00	28.14 -1.12 0.00	27.33 -1.15 0.00	33.74 -1.50 0.00	39.91 -1.55 0.00	32.41 -1.38 0.00
STA_67___115KV_BK2 355882	31.44 -0.93 0.00	36.66 -1.12 0.00	39.28 -1.10 0.00	36.86 -1.12 0.00	39.38 -1.44 0.00	42.10 -1.44 0.00	48.14 -1.64 0.00	37.88 -1.55 0.00	28.02 -0.97 0.00	28.78 -0.74 0.00	30.14 -0.73 0.00	26.98 -0.85 0.00	24.99 -0.86 0.00	12.66 -0.29 0.00	15.57 -0.27 0.00	14.81 -0.36 0.00	17.17 -0.45 0.00	31.71 -1.09 0.00	38.81 -1.66 0.00	28.15 -1.11 0.00	27.34 -1.14 0.00	33.76 -1.48 0.00	39.98 -1.48 0.00	32.46 -1.34 0.00
STA_7___115KV_9TRANS 80674	31.65 -0.72 0.00	36.91 -0.88 0.00	39.54 -0.85 0.00	37.10 -0.88 0.00	39.63 -1.19 0.00	42.40 -1.14 0.00	48.51 -1.26 0.00	38.13 -1.30 0.00	28.19 -0.80 0.00	28.96 -0.56 0.00	30.32 -0.55 0.00	27.12 -0.71 0.00	25.13 -0.73 0.00	12.72 -0.23 0.00	15.66 -0.19 0.00	14.90 -0.27 0.00	17.28 -0.33 0.00	31.95 -0.85 0.00	39.11 -1.36 0.00	28.39 -0.87 0.00	27.57 -0.91 0.00	34.02 -1.22 0.00	40.28 -1.18 0.00	32.68 -1.12 0.00
STA_82___115KV_TB1 80780	31.44 -0.94 0.00	36.65 -1.13 0.00	39.28 -1.10 0.00	36.86 -1.12 0.00	39.37 -1.45 0.00	42.09 -1.45 0.00	48.14 -1.64 0.00	37.88 -1.55 0.00	28.02 -0.97 0.00	28.78 -0.74 0.00	30.14 -0.73 0.00	26.97 -0.86 0.00	24.98 -0.87 0.00	12.65 -0.30 0.00	15.57 -0.28 0.00	14.81 -0.37 0.00	17.16 -0.45 0.00	31.71 -1.09 0.00	38.81 -1.66 0.00	28.15 -1.11 0.00	27.33 -1.15 0.00	33.76 -1.48 0.00	39.97 -1.49 0.00	32.46 -1.34 0.00
STEEL___WIND 323596	31.22 -1.15 0.00	36.40 -1.38 0.00	39.15 -1.24 0.00	36.65 -1.32 0.00	38.93 -1.89 0.00	41.48 -2.05 0.00	47.38 -2.40 0.00	37.07 -2.36 0.00	27.45 -1.53 0.00	28.29 -1.23 0.00	29.78 -1.09 0.00	26.70 -1.13 0.00	24.72 -1.14 0.00	12.60 -0.35 0.00	15.53 -0.32 0.00	14.65 -0.53 0.00	16.98 -0.64 0.00	31.06 -1.74 0.00	37.63 -2.85 0.00	27.32 -1.94 0.00	26.43 -2.04 0.00	32.67 -2.57 0.00	38.94 -2.52 0.00	31.66 -2.13 0.00
STEPHTWN_115KV_BK_2 55603	32.99 0.62 0.00	38.48 0.70 0.00	41.06 0.68 0.00	38.66 0.68 0.00	41.66 0.84 0.00	44.50 0.97 0.00	51.14 1.36 0.00	40.49 1.06 0.00	29.66 0.67 0.00	30.03 0.52 0.00	31.39 0.52 0.00	28.33 0.50 0.00	26.38 0.53 0.00	13.16 0.21 0.00	16.10 0.26 0.00	15.45 0.27 0.00	17.97 0.35 0.00	33.62 0.82 0.00	41.55 1.08 0.00	30.27 1.01 0.00	29.42 0.94 0.00	36.37 1.13 0.00	42.56 1.10 0.00	34.70 0.91 0.00
STEUBEN_REC_LFGE 323667	32.68 0.31 0.00	38.18 0.40 0.00	40.90 0.51 0.00	38.18 0.20 0.00	40.71 -0.10 0.00	43.23 -0.30 0.00	49.61 -0.17 0.00	39.03 -0.40 0.00	28.55 -0.44 0.00	29.04 -0.48 0.00	30.25 -0.62 0.00	27.06 -0.78 0.00	24.74 -1.11 0.00	12.47 -0.48 0.00	15.31 -0.53 0.00	14.62 -0.56 0.00	16.95 -0.67 0.00	31.90 -0.91 0.00	39.68 -0.80 0.00	28.48 -0.78 0.00	27.52 -0.96 0.00	33.70 -1.54 0.00	39.54 -1.92 0.00	32.22 -1.57 0.00
STILLWATER___SOLAR 323814	33.50 1.12 0.00	39.11 1.33 0.00	41.78 1.39 0.00	39.26 1.28 0.00	42.35 1.54 0.00	45.27 1.74 0.00	52.05 2.27 0.00	41.14 1.72 0.00	29.94 0.95 0.00	30.29 0.77 0.00	31.66 0.79 0.00	28.50 0.67 0.00	26.50 0.64 0.00	13.28 0.33 0.00	16.18 0.33 0.00	15.48 0.30 0.00	18.03 0.41 0.00	33.85 1.05 0.00	41.73 1.26 0.00	30.22 0.96 0.00	29.41 0.94 0.00	36.42 1.18 0.00	43.05 1.60 0.00	35.31 1.52 0.00
STONY___BROOK 24151	33.90 1.53 0.00	39.40 1.63 0.00	41.84 1.46 0.00	39.20 1.22 0.00	42.08 1.26 0.00	45.10 1.64 0.08	50.16 2.09 1.71	35.40 2.31 6.34	29.18 1.38 1.19	29.25 1.32 1.58	30.97 1.94 1.84	25.20 1.86 4.49	21.40 1.39 5.85	10.79 0.49 2.64	14.19 0.40 2.05	13.19 0.56 2.55	14.94 0.69 3.37	31.51 1.42 2.72	40.95 2.40 1.92	29.71 1.86 1.41	29.56 2.12 1.03	36.84 2.32 0.72	43.33 2.39 0.51	35.16 2.16 0.79
STURGEON_POOL_HYD 23609	33.53 1.16 0.00	39.02 1.24 0.00	41.65 1.26 0.00	39.21 1.23 0.00	42.17 1.35 0.00	45.10 1.57 0.00	51.99 2.21 0.00	41.40 1.98 0.00	30.24 1.26 0.00	30.65 1.13 0.00	32.07 1.20 0.00	28.96 1.13 0.00	26.89 1.03 0.00	13.43 0.48 0.00	16.37 0.52 0.00	15.74 0.56 0.00	18.29 0.67 0.00	34.12 1.32 0.00	42.34 1.87 0.00	30.73 1.46 0.00	29.93 1.45 0.00	36.84 1.60 0.00	43.21 1.75 0.00	35.28 1.49 0.00
ST_LAW_115_BK7_LBMP 345037	32.50 0.13 0.00	37.91 0.13 0.00	40.50 0.11 0.00	38.08 0.11 0.00	40.92 0.10 0.00	43.70 0.16 0.00	49.44 -0.34 0.00	38.97 -0.46 0.00	28.85 -0.14 0.00	29.52 0.00 0.00	30.91 0.04 0.00	27.90 0.07 0.00	25.90 0.05 0.00	13.00 0.05 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.66 0.05 0.00	32.78 -0.03 0.00	40.27 -0.21 0.00	29.01 -0.25 0.00	28.29 -0.18 0.00	35.25 0.02 0.00	41.54 0.08 0.00	33.83 0.03 0.00

ST_LAW_115_BK8_LBMP 345038	32.50 0.13 0.00	37.91 0.13 0.00	40.50 0.11 0.00	38.08 0.11 0.00	40.92 0.10 0.00	43.70 0.16 0.00	49.44 -0.34 0.00	38.97 -0.46 0.00	28.85 -0.14 0.00	29.52 0.00 0.00	30.91 0.04 0.00	27.90 0.07 0.00	25.90 0.05 0.00	13.00 0.05 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.66 0.05 0.00	32.78 -0.03 0.00	40.27 -0.21 0.00	29.01 -0.25 0.00	28.29 -0.18 0.00	35.25 0.02 0.00	41.54 0.08 0.00	33.83 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	32.49 0.11 0.00	37.91 0.13 0.00	40.49 0.10 0.00	38.08 0.11 0.00	40.91 0.09 0.00	43.69 0.15 0.00	49.49 -0.29 0.00	39.02 -0.41 0.00	28.86 -0.12 0.00	29.54 0.02 0.00	30.93 0.07 0.00	27.90 0.07 0.00	25.91 0.06 0.00	13.00 0.05 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.67 0.05 0.00	32.78 -0.02 0.00	40.29 -0.19 0.00	29.02 -0.24 0.00	28.30 -0.18 0.00	35.25 0.01 0.00	41.53 0.07 0.00	33.82 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	32.49 0.11 0.00	37.91 0.13 0.00	40.49 0.10 0.00	38.08 0.11 0.00	40.91 0.09 0.00	43.69 0.15 0.00	49.49 -0.29 0.00	39.02 -0.41 0.00	28.86 -0.12 0.00	29.54 0.02 0.00	30.93 0.07 0.00	27.90 0.07 0.00	25.91 0.06 0.00	13.00 0.05 0.00	15.92 0.07 0.00	15.22 0.04 0.00	17.67 0.05 0.00	32.78 -0.02 0.00	40.29 -0.19 0.00	29.02 -0.24 0.00	28.30 -0.18 0.00	35.25 0.01 0.00	41.53 0.07 0.00	33.82 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.28 0.91 0.00	38.69 0.91 0.00	41.28 0.90 0.00	38.88 0.91 0.00	41.81 0.99 0.00	44.78 1.25 0.00	51.56 1.78 0.00	41.29 1.62 -0.24	29.97 0.98 0.00	30.41 0.89 0.00	31.82 0.94 0.00	28.74 0.90 0.00	26.69 0.84 0.00	13.33 0.38 0.00	16.25 0.40 0.00	15.62 0.45 0.00	18.18 0.56 0.00	33.90 1.10 0.00	42.07 1.59 0.00	30.47 1.21 0.00	29.68 1.20 0.00	36.52 1.28 0.00	42.88 1.42 0.00	35.03 1.23 0.00
SWANROAD_115KV_TB1 355699	30.09 -2.29 0.00	34.98 -2.80 0.00	37.61 -2.78 0.00	35.25 -2.72 0.00	37.42 -3.40 0.00	39.96 -3.58 0.00	45.29 -4.49 0.00	35.12 -4.30 0.00	26.21 -2.78 0.00	27.19 -2.33 0.00	28.63 -2.24 0.00	25.64 -2.19 0.00	23.77 -2.09 0.00	12.24 -0.71 0.00	15.06 -0.78 0.00	14.21 -0.97 0.00	16.34 -1.28 0.00	29.67 -3.13 0.00	36.00 -4.47 0.00	26.23 -3.03 0.00	25.42 -3.06 0.00	31.58 -3.66 0.00	37.75 -3.71 0.00	30.61 -3.18 0.00
SYNERGY___BIOGAS 323694	31.41 -0.97 0.00	36.60 -1.18 0.00	39.28 -1.10 0.00	36.83 -1.14 0.00	39.25 -1.56 0.00	41.98 -1.56 0.00	47.95 -1.83 0.00	37.53 -1.90 0.00	27.91 -1.07 0.00	28.76 -0.76 0.00	30.02 -0.85 0.00	26.64 -1.20 0.00	24.59 -1.27 0.00	12.58 -0.37 0.00	15.55 -0.30 0.00	14.77 -0.41 0.00	16.98 -0.64 0.00	31.39 -1.41 0.00	38.35 -2.12 0.00	27.91 -1.35 0.00	27.07 -1.41 0.00	33.48 -1.76 0.00	39.81 -1.65 0.00	32.24 -1.55 0.00
SYRACUSE___ENERGY_ST1 323597	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	32.21 -0.17 0.00	37.59 -0.19 0.00	40.22 -0.17 0.00	37.78 -0.19 0.00	40.57 -0.24 0.00	43.34 -0.20 0.00	49.78 0.00 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.46 -0.06 0.00	30.79 -0.08 0.00	27.72 -0.11 0.00	25.66 -0.20 0.00	12.85 -0.10 0.00	15.73 -0.12 0.00	15.07 -0.10 0.00	17.56 -0.06 0.00	32.66 -0.14 0.00	40.30 -0.18 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.94 -0.30 0.00	41.13 -0.33 0.00	33.50 -0.30 0.00
SYRACUSE___POWER 24017	32.21 -0.17 0.00	37.58 -0.20 0.00	40.20 -0.18 0.00	37.77 -0.20 0.00	40.58 -0.23 0.00	43.32 -0.22 0.00	49.77 -0.01 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.45 -0.07 0.00	30.78 -0.09 0.00	27.73 -0.11 0.00	25.67 -0.19 0.00	12.86 -0.09 0.00	15.74 -0.11 0.00	15.06 -0.11 0.00	17.56 -0.06 0.00	32.64 -0.16 0.00	40.31 -0.17 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.95 -0.28 0.00	41.14 -0.32 0.00	33.50 -0.30 0.00
TALLMAN___138KV_BK151 55660	33.38 1.00 0.00	38.77 0.99 0.00	41.34 0.96 0.00	38.94 0.97 0.00	41.88 1.06 0.00	44.90 1.36 0.00	51.80 2.03 0.00	41.64 1.85 -0.37	30.10 1.12 0.00	30.55 1.02 0.00	31.98 1.11 0.00	28.90 1.07 0.00	26.83 0.98 0.00	13.40 0.45 0.00	16.34 0.49 0.00	15.72 0.55 0.00	18.30 0.68 0.00	34.12 1.32 0.00	42.33 1.86 0.00	30.64 1.38 0.00	29.84 1.36 0.00	36.69 1.45 0.00	43.11 1.65 0.00	35.23 1.43 0.00
TEALLAVE_115KV_TB7 355573	32.02 -0.36 0.00	37.37 -0.41 0.00	39.98 -0.41 0.00	37.56 -0.42 0.00	40.36 -0.46 0.00	43.07 -0.46 0.00	49.47 -0.30 0.00	39.18 -0.25 0.00	28.76 -0.22 0.00	29.29 -0.23 0.00	30.63 -0.24 0.00	27.58 -0.25 0.00	25.55 -0.30 0.00	12.80 -0.15 0.00	15.67 -0.17 0.00	15.01 -0.17 0.00	17.47 -0.15 0.00	32.48 -0.32 0.00	40.09 -0.39 0.00	29.03 -0.24 0.00	28.20 -0.28 0.00	34.76 -0.47 0.00	40.92 -0.53 0.00	33.31 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	30.78 -1.59 0.00	35.85 -1.93 0.00	38.52 -1.87 0.00	36.10 -1.88 0.00	38.38 -2.44 0.00	41.01 -2.53 0.00	46.68 -3.10 0.00	36.36 -3.07 0.00	27.09 -1.90 0.00	28.01 -1.51 0.00	29.40 -1.47 0.00	26.24 -1.59 0.00	24.28 -1.58 0.00	12.45 -0.50 0.00	15.36 -0.48 0.00	14.52 -0.66 0.00	16.73 -0.89 0.00	30.61 -2.19 0.00	37.24 -3.23 0.00	27.11 -2.15 0.00	26.27 -2.21 0.00	32.56 -2.68 0.00	38.82 -2.64 0.00	31.46 -2.33 0.00
TEMPLE___115KV_TB 2 55572	32.04 -0.33 0.00	37.39 -0.39 0.00	40.00 -0.39 0.00	37.59 -0.39 0.00	40.37 -0.44 0.00	43.09 -0.45 0.00	49.49 -0.29 0.00	39.20 -0.23 0.00	28.78 -0.21 0.00	29.31 -0.21 0.00	30.65 -0.22 0.00	27.59 -0.24 0.00	25.58 -0.28 0.00	12.81 -0.14 0.00	15.69 -0.16 0.00	15.02 -0.16 0.00	17.48 -0.13 0.00	32.50 -0.30 0.00	40.10 -0.37 0.00	29.04 -0.22 0.00	28.20 -0.27 0.00	34.78 -0.46 0.00	40.95 -0.51 0.00	33.33 -0.47 0.00
TIANA____69_KV_BK 1 55817	34.46 2.08 0.00	39.78 2.00 0.00	41.99 1.60 0.00	39.24 1.27 0.00	42.06 1.24 0.00	45.10 1.65 0.08	50.36 2.30 1.72	35.87 2.81 6.37	29.10 1.30 1.19	29.13 1.19 1.58	30.97 1.94 1.84	25.20 1.88 4.51	21.33 1.43 5.96	10.72 0.42 2.65	14.06 0.27 2.05	13.09 0.46 2.55	14.84 0.59 3.37	31.32 1.24 2.72	40.82 2.26 1.92	29.56 1.72 1.41	29.53 2.09 1.03	36.80 2.28 0.72	43.26 2.32 0.51	35.05 2.05 0.79
TILDEN___115KV_TB1 80814	32.21 -0.17 0.00	37.58 -0.20 0.00	40.20 -0.18 0.00	37.77 -0.20 0.00	40.58 -0.23 0.00	43.32 -0.22 0.00	49.77 -0.01 0.00	39.40 -0.03 0.00	28.92 -0.07 0.00	29.45 -0.07 0.00	30.78 -0.09 0.00	27.73 -0.11 0.00	25.67 -0.19 0.00	12.86 -0.09 0.00	15.74 -0.11 0.00	15.06 -0.11 0.00	17.56 -0.06 0.00	32.64 -0.16 0.00	40.31 -0.17 0.00	29.19 -0.07 0.00	28.35 -0.13 0.00	34.95 -0.28 0.00	41.14 -0.32 0.00	33.50 -0.30 0.00

TRIGEN___CC 323695	33.68 1.30 0.00	39.15 1.37 0.00	41.66 1.27 0.00	39.12 1.15 0.00	41.98 1.17 0.00	45.06 1.50 -0.02	52.41 2.17 -0.47	40.50 2.26 1.19	29.27 1.34 1.05	29.38 1.33 1.47	31.18 1.78 1.47	27.29 1.64 2.18	36.84 1.33 -9.66	11.70 0.55 1.79	14.32 0.53 2.05	13.25 0.62 2.55	14.99 0.75 3.37	31.57 1.49 2.72	40.82 2.26 1.92	29.59 1.74 1.41	29.27 1.83 1.03	36.49 1.98 0.72	43.09 2.14 0.51	34.93 1.93 0.79
TRINITY___115KV___4 BK 55933	32.69 0.31 0.00	38.12 0.34 0.00	40.65 0.27 0.00	38.29 0.31 0.00	41.12 0.30 0.00	43.87 0.33 0.00	50.42 0.64 0.00	39.94 0.52 0.00	29.27 0.28 0.00	29.72 0.20 0.00	31.10 0.23 0.00	28.10 0.26 0.00	26.15 0.30 0.00	13.08 0.13 0.00	15.99 0.14 0.00	15.34 0.16 0.00	17.82 0.20 0.00	33.30 0.50 0.00	41.15 0.67 0.00	29.87 0.61 0.00	29.07 0.59 0.00	35.90 0.66 0.00	42.10 0.64 0.00	34.40 0.60 0.00
UNION___PROCESSING_DRP 323587	31.44 -0.93 0.00	36.66 -1.12 0.00	39.28 -1.10 0.00	36.86 -1.12 0.00	39.38 -1.44 0.00	42.10 -1.44 0.00	48.14 -1.64 0.00	37.88 -1.54 0.00	28.02 -0.96 0.00	28.78 -0.74 0.00	30.14 -0.73 0.00	26.97 -0.86 0.00	24.98 -0.87 0.00	12.66 -0.29 0.00	15.57 -0.28 0.00	14.81 -0.37 0.00	17.16 -0.45 0.00	31.71 -1.09 0.00	38.82 -1.66 0.00	28.16 -1.10 0.00	27.34 -1.14 0.00	33.77 -1.47 0.00	39.98 -1.48 0.00	32.46 -1.34 0.00
UPPER HUDSON___HYD 24058	33.81 1.44 0.00	39.51 1.73 0.00	42.16 1.77 0.00	39.57 1.59 0.00	42.75 1.94 0.00	45.74 2.21 0.00	52.60 2.82 0.00	41.58 2.15 0.00	30.15 1.17 0.00	30.45 0.92 0.00	31.87 1.00 0.00	28.71 0.87 0.00	26.64 0.78 0.00	13.41 0.46 0.00	16.29 0.44 0.00	15.50 0.32 0.00	18.00 0.38 0.00	33.72 0.92 0.00	41.29 0.81 0.00	29.84 0.58 0.00	29.06 0.58 0.00	36.05 0.81 0.00	43.20 1.74 0.00	35.71 1.91 0.00
UPPER RAQUET___HYD 24056	32.13 -0.24 0.00	37.44 -0.34 0.00	39.97 -0.41 0.00	37.56 -0.42 0.00	40.46 -0.35 0.00	43.23 -0.30 0.00	48.85 -0.93 0.00	38.46 -0.97 0.00	28.54 -0.45 0.00	29.12 -0.40 0.00	30.42 -0.45 0.00	27.46 -0.38 0.00	25.52 -0.34 0.00	12.83 -0.12 0.00	15.68 -0.17 0.00	14.93 -0.25 0.00	17.41 -0.20 0.00	32.42 -0.39 0.00	39.90 -0.57 0.00	28.82 -0.44 0.00	28.12 -0.36 0.00	34.99 -0.25 0.00	41.15 -0.31 0.00	33.45 -0.35 0.00
VALLEY44_115KV_TB2 355964	32.55 0.17 0.00	38.05 0.27 0.00	40.74 0.35 0.00	38.13 0.15 0.00	40.60 -0.21 0.00	43.28 -0.25 0.00	49.63 -0.15 0.00	39.02 -0.40 0.00	28.69 -0.30 0.00	29.56 0.04 0.00	31.08 0.21 0.00	27.94 0.11 0.00	25.93 0.07 0.00	13.16 0.21 0.00	16.10 0.26 0.00	15.25 0.08 0.00	17.69 0.07 0.00	32.45 -0.35 0.00	39.51 -0.96 0.00	28.54 -0.72 0.00	27.67 -0.81 0.00	34.08 -1.16 0.00	40.80 -0.65 0.00	33.17 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	31.96 -0.41 0.00	37.42 -0.35 0.00	39.95 -0.44 0.00	37.72 -0.26 0.00	40.71 -0.11 0.00	43.44 -0.10 0.00	50.08 0.30 0.00	39.67 0.24 0.00	28.83 -0.16 0.00	29.04 -0.48 0.00	30.17 -0.70 0.00	27.11 -0.72 0.00	25.18 -0.67 0.00	12.57 -0.38 0.00	15.29 -0.55 0.00	14.60 -0.58 0.00	17.07 -0.55 0.00	32.89 0.08 0.00	40.90 0.42 0.00	29.86 0.60 0.00	29.01 0.53 0.00	35.67 0.43 0.00	41.85 0.39 0.00	34.07 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.72 1.35 0.00	39.47 1.70 0.00	42.28 1.89 0.00	39.81 1.83 0.00	42.80 1.99 0.00	45.72 2.19 0.00	52.47 2.69 0.00	41.59 2.17 0.00	30.41 1.43 0.00	30.85 1.33 0.00	32.24 1.37 0.00	29.04 1.20 0.00	27.00 1.15 0.00	13.49 0.54 0.00	16.46 0.62 0.00	15.78 0.61 0.00	18.34 0.72 0.00	34.09 1.29 0.00	42.20 1.73 0.00	30.55 1.29 0.00	29.72 1.24 0.00	36.64 1.40 0.00	43.03 1.57 0.00	35.04 1.24 0.00
VISCHER___FERRY HYD 24020	33.01 0.63 0.00	38.51 0.73 0.00	41.11 0.73 0.00	38.68 0.70 0.00	41.70 0.88 0.00	44.55 1.01 0.00	51.26 1.49 0.00	40.57 1.14 0.00	29.60 0.61 0.00	29.98 0.46 0.00	31.34 0.47 0.00	28.23 0.40 0.00	26.25 0.39 0.00	13.14 0.19 0.00	16.04 0.19 0.00	15.38 0.20 0.00	17.88 0.26 0.00	33.48 0.68 0.00	41.38 0.90 0.00	30.00 0.73 0.00	29.20 0.72 0.00	36.13 0.89 0.00	42.51 1.05 0.00	34.75 0.95 0.00
V_A_10_SYNC_DSASP 323832	30.91 -1.47 0.00	36.04 -1.74 0.00	38.68 -1.71 0.00	36.25 -1.72 0.00	38.61 -2.21 0.00	41.21 -2.33 0.00	46.98 -2.80 0.00	36.82 -2.61 0.00	27.27 -1.71 0.00	28.15 -1.37 0.00	29.57 -1.30 0.00	26.55 -1.28 0.00	24.60 -1.26 0.00	12.50 -0.45 0.00	15.37 -0.47 0.00	14.58 -0.60 0.00	16.87 -0.75 0.00	30.94 -1.87 0.00	37.65 -2.83 0.00	27.34 -1.93 0.00	26.52 -1.95 0.00	32.78 -2.46 0.00	39.02 -2.43 0.00	31.73 -2.06 0.00
V_CMM_10_SYNC_DSASP 323787	32.54 0.16 0.00	37.95 0.17 0.00	40.54 0.15 0.00	38.12 0.14 0.00	40.96 0.14 0.00	43.87 0.33 0.00	49.68 -0.09 0.00	39.15 -0.27 0.00	28.98 0.00 0.00	29.66 0.14 0.00	31.07 0.20 0.00	28.04 0.20 0.00	26.03 0.18 0.00	13.06 0.11 0.00	16.00 0.15 0.00	15.29 0.12 0.00	17.76 0.14 0.00	32.95 0.15 0.00	40.46 -0.01 0.00	29.16 -0.11 0.00	28.43 -0.04 0.00	35.42 0.18 0.00	41.74 0.28 0.00	33.98 0.19 0.00
V_CMP_10_SYNC_DSASP 323788	32.76 0.39 0.00	38.45 0.67 0.00	41.00 0.61 0.00	38.64 0.66 0.00	41.62 0.81 0.00	44.55 1.01 0.00	50.85 1.07 0.00	40.00 0.58 0.00	29.43 0.45 0.00	30.15 0.63 0.00	31.70 0.83 0.00	28.61 0.78 0.00	26.57 0.72 0.00	13.33 0.38 0.00	16.30 0.45 0.00	15.55 0.38 0.00	18.07 0.45 0.00	33.40 0.60 0.00	41.03 0.56 0.00	29.68 0.42 0.00	28.89 0.41 0.00	36.25 1.01 0.00	42.64 1.18 0.00	34.61 0.81 0.00
V_D_10_SYNC_DSASP 323841	32.85 0.47 0.00	38.31 0.53 0.00	40.92 0.54 0.00	38.48 0.50 0.00	41.36 0.55 0.00	44.16 0.62 0.00	49.83 0.05 0.00	39.25 -0.18 0.00	29.13 0.14 0.00	29.80 0.28 0.00	31.18 0.31 0.00	28.17 0.33 0.00	26.15 0.29 0.00	13.13 0.18 0.00	16.08 0.23 0.00	15.36 0.18 0.00	17.84 0.22 0.00	33.14 0.34 0.00	40.70 0.23 0.00	29.34 0.08 0.00	28.61 0.14 0.00	35.64 0.40 0.00	41.98 0.53 0.00	34.18 0.39 0.00
V_E_10_SYNC_DSASP 323830	34.29 1.91 0.00	40.24 2.46 0.00	43.27 2.88 0.00	40.67 2.69 0.00	43.80 2.98 0.00	47.02 3.49 0.00	54.97 5.19 0.00	46.32 6.90 0.00	33.10 4.12 0.00	32.66 3.14 0.00	33.97 3.10 0.00	30.46 2.63 0.00	27.68 1.83 0.00	13.29 0.34 0.00	16.27 0.42 0.00	15.45 0.27 0.00	18.33 0.71 0.00	34.47 1.67 0.00	42.68 2.21 0.00	31.03 1.76 0.00	29.71 1.23 0.00	36.12 0.89 0.00	42.46 1.00 0.00	34.52 0.73 0.00
V_F_30_NSYNC___DSASP 323816	33.55 1.17 0.00	39.17 1.39 0.00	41.85 1.46 0.00	39.33 1.35 0.00	42.42 1.60 0.00	45.33 1.80 0.00	52.12 2.35 0.00	41.21 1.78 0.00	29.99 1.01 0.00	30.37 0.85 0.00	31.75 0.88 0.00	28.59 0.76 0.00	26.57 0.72 0.00	13.32 0.37 0.00	16.22 0.38 0.00	15.52 0.35 0.00	18.09 0.47 0.00	33.94 1.14 0.00	41.81 1.34 0.00	30.27 1.01 0.00	29.46 0.98 0.00	36.47 1.24 0.00	43.13 1.67 0.00	35.37 1.58 0.00

V_F_30_SYNC_DSASP 323786	32.81 0.43 0.00	38.26 0.48 0.00	40.80 0.41 0.00	38.43 0.45 0.00	41.24 0.42 0.00	43.99 0.46 0.00	50.60 0.82 0.00	40.07 0.65 0.00	29.37 0.39 0.00	29.83 0.31 0.00	31.22 0.35 0.00	28.22 0.39 0.00	26.25 0.40 0.00	13.12 0.17 0.00	16.05 0.20 0.00	15.39 0.21 0.00	17.90 0.28 0.00	33.51 0.70 0.00	41.39 0.91 0.00	30.02 0.76 0.00	29.21 0.73 0.00	36.06 0.83 0.00	42.30 0.84 0.00	34.55 0.75 0.00
V_XM_10_SYNC_DSASP 323789	32.76 0.39 0.00	38.45 0.67 0.00	41.00 0.61 0.00	38.64 0.66 0.00	41.62 0.81 0.00	44.55 1.01 0.00	50.85 1.07 0.00	40.00 0.58 0.00	29.43 0.45 0.00	30.15 0.63 0.00	31.70 0.83 0.00	28.61 0.78 0.00	26.57 0.72 0.00	13.33 0.38 0.00	16.30 0.45 0.00	15.55 0.38 0.00	18.07 0.45 0.00	33.40 0.60 0.00	41.03 0.56 0.00	29.68 0.42 0.00	28.89 0.41 0.00	36.25 1.01 0.00	42.64 1.18 0.00	34.61 0.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.52 1.14 0.00	38.93 1.16 0.00	41.52 1.14 0.00	39.12 1.14 0.00	42.06 1.25 0.00	45.10 1.57 0.00	52.04 2.26 0.00	41.88 2.02 -0.43	30.24 1.25 0.00	30.69 1.17 0.00	32.12 1.25 0.00	29.04 1.20 0.00	26.96 1.10 0.00	13.45 0.50 0.00	16.41 0.56 0.00	15.78 0.61 0.00	18.41 0.79 0.00	34.37 1.57 0.00	42.57 2.09 0.00	30.78 1.52 0.00	29.97 1.50 0.00	36.86 1.63 0.00	43.30 1.84 0.00	35.36 1.57 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.00 1.62 0.00	39.49 1.71 0.00	42.05 1.67 0.00	39.60 1.62 0.00	42.57 1.76 0.00	45.65 2.11 0.00	52.63 2.86 0.00	54.78 2.58 -12.77	51.71 1.62 -21.10	60.30 1.56 -29.21	60.21 1.77 -27.57	84.15 1.63 -54.68	90.22 1.44 -62.93	62.58 0.68 -48.95	56.78 0.76 -40.18	65.83 0.77 -49.87	84.55 0.93 -66.00	87.86 1.77 -53.29	80.52 2.44 -37.60	58.84 1.90 -27.68	50.61 1.91 -20.22	51.45 2.12 -14.09	53.95 2.42 -10.07	51.41 2.04 -15.58
W50THST__13_KV_LOAD 356117	34.14 1.77 0.00	39.66 1.88 0.00	42.25 1.86 0.00	39.76 1.78 0.00	42.75 1.94 0.00	45.87 2.33 0.00	52.89 3.11 0.00	55.07 2.80 -12.85	51.89 1.80 -21.10	60.47 1.74 -29.21	60.44 2.00 -27.57	84.37 1.85 -54.68	90.41 1.62 -62.93	62.67 0.77 -48.95	56.90 0.87 -40.18	65.94 0.89 -49.87	84.68 1.06 -66.00	88.10 2.01 -53.29	80.80 2.72 -37.60	59.05 2.11 -27.68	50.81 2.11 -20.22	51.68 2.35 -14.09	54.22 2.69 -10.07	51.64 2.27 -15.58
WADING RIVER_IC_1 23522	34.14 1.76 0.00	39.57 1.79 0.00	41.92 1.54 0.00	39.25 1.28 0.00	42.08 1.26 0.00	45.07 1.62 0.08	50.09 2.03 1.72	35.33 2.28 6.37	29.12 1.33 1.19	29.17 1.23 1.58	30.94 1.91 1.84	25.14 1.82 4.51	21.25 1.36 5.96	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.51 1.66 1.41	29.53 2.08 1.03	36.80 2.29 0.72	43.26 2.32 0.51	35.08 2.08 0.79
WADING RIVER_IC_2 23547	34.14 1.76 0.00	39.57 1.79 0.00	41.92 1.54 0.00	39.25 1.28 0.00	42.08 1.26 0.00	45.07 1.62 0.08	50.09 2.03 1.72	35.33 2.28 6.37	29.12 1.33 1.19	29.17 1.23 1.58	30.94 1.91 1.84	25.14 1.82 4.51	21.25 1.36 5.96	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.51 1.66 1.41	29.53 2.08 1.03	36.80 2.29 0.72	43.26 2.32 0.51	35.08 2.08 0.79
WADING RIVER_IC_3 23601	34.14 1.76 0.00	39.57 1.79 0.00	41.92 1.54 0.00	39.25 1.28 0.00	42.08 1.26 0.00	45.07 1.62 0.08	50.09 2.03 1.72	35.33 2.28 6.37	29.12 1.33 1.19	29.17 1.23 1.58	30.94 1.91 1.84	25.14 1.82 4.51	21.25 1.36 5.96	10.74 0.44 2.65	14.11 0.32 2.05	13.13 0.50 2.55	14.88 0.63 3.37	31.38 1.30 2.72	40.83 2.28 1.92	29.51 1.66 1.41	29.53 2.08 1.03	36.80 2.29 0.72	43.26 2.32 0.51	35.08 2.08 0.79
WALDENNY_12_KV_BK2 80841	31.20 -1.17 0.00	36.37 -1.41 0.00	39.10 -1.29 0.00	36.61 -1.37 0.00	38.88 -1.93 0.00	41.45 -2.09 0.00	47.31 -2.46 0.00	36.94 -2.49 0.00	27.42 -1.57 0.00	28.29 -1.23 0.00	29.78 -1.09 0.00	26.67 -1.16 0.00	24.72 -1.14 0.00	12.64 -0.31 0.00	15.56 -0.29 0.00	14.68 -0.50 0.00	16.99 -0.62 0.00	31.02 -1.78 0.00	37.66 -2.81 0.00	27.35 -1.91 0.00	26.45 -2.02 0.00	32.73 -2.50 0.00	39.04 -2.42 0.00	31.68 -2.11 0.00
WALDEN__HYDRO 24148	33.49 1.11 0.00	38.95 1.17 0.00	41.55 1.17 0.00	39.12 1.14 0.00	42.08 1.26 0.00	45.05 1.52 0.00	51.91 2.14 0.00	41.32 1.89 0.00	30.16 1.18 0.00	30.59 1.07 0.00	32.00 1.13 0.00	28.89 1.06 0.00	26.83 0.97 0.00	13.39 0.44 0.00	16.31 0.46 0.00	15.69 0.51 0.00	18.26 0.64 0.00	34.09 1.29 0.00	42.32 1.85 0.00	30.69 1.43 0.00	29.89 1.41 0.00	36.78 1.55 0.00	43.16 1.71 0.00	35.25 1.45 0.00
WARRENSBURG____ 23737	33.82 1.44 0.00	39.51 1.73 0.00	42.16 1.77 0.00	39.57 1.59 0.00	42.75 1.94 0.00	45.74 2.21 0.00	52.61 2.83 0.00	41.58 2.16 0.00	30.16 1.17 0.00	30.44 0.92 0.00	31.87 1.00 0.00	28.71 0.88 0.00	26.64 0.78 0.00	13.41 0.46 0.00	16.29 0.44 0.00	15.50 0.32 0.00	18.00 0.38 0.00	33.72 0.92 0.00	41.29 0.81 0.00	29.85 0.58 0.00	29.06 0.59 0.00	36.05 0.81 0.00	43.20 1.74 0.00	35.71 1.91 0.00
WATERSIDE____6 8 9 23538	31.24 1.74 2.88	37.85 1.80 1.73	41.49 1.75 0.65	39.67 1.69 0.00	42.62 1.81 0.00	45.71 2.17 0.00	52.76 2.98 0.00	60.19 2.70 -18.07	58.80 1.70 -28.11	70.88 1.67 -39.69	71.87 1.86 -39.14	110.83 1.67 -81.33	111.15 1.47 -83.82	79.11 0.70 -65.47	70.17 0.80 -53.53	82.42 0.80 -66.44	106.50 0.95 -87.93	105.75 1.83 -71.12	93.10 2.51 -50.12	68.07 1.94 -36.88	57.35 1.94 -26.94	56.01 2.20 -18.58	57.39 2.51 -13.42	56.67 2.13 -20.75
WATKINRD_115KV_LN8_ILLION 55919	31.86 -0.51 0.00	37.34 -0.44 0.00	39.84 -0.54 0.00	37.68 -0.30 0.00	40.72 -0.09 0.00	43.46 -0.08 0.00	50.24 0.47 0.00	39.75 0.33 0.00	28.76 -0.23 0.00	28.84 -0.68 0.00	29.88 -0.99 0.00	26.79 -1.05 0.00	24.88 -0.98 0.00	12.40 -0.54 0.00	15.06 -0.78 0.00	14.35 -0.83 0.00	16.83 -0.78 0.00	32.89 0.09 0.00	41.06 0.59 0.00	30.11 0.85 0.00	29.25 0.78 0.00	35.92 0.68 0.00	42.08 0.62 0.00	34.24 0.45 0.00
WATSON__69_KV_BK 1 55734	34.21 1.83 0.00	39.76 1.98 0.00	42.25 1.86 0.00	39.60 1.63 0.00	42.44 1.63 0.00	45.48 2.02 0.08	50.93 2.77 1.61	36.25 2.93 6.11	29.42 1.62 1.19	29.50 1.56 1.58	31.21 2.17 1.82	25.52 2.06 4.37	22.41 1.59 5.03	10.96 0.61 2.60	14.32 0.53 2.05	13.32 0.69 2.55	15.08 0.84 3.37	31.80 1.72 2.72	41.36 2.80 1.92	30.02 2.17 1.41	29.80 2.36 1.03	37.12 2.61 0.72	43.71 2.77 0.51	35.43 2.43 0.79
WDELAWARE__HYD 323627	33.83 1.46 0.00	39.37 1.59 0.00	42.04 1.65 0.00	39.56 1.59 0.00	42.54 1.72 0.00	45.55 2.02 0.00	52.46 2.69 0.00	41.74 2.31 0.00	30.51 1.53 0.00	30.91 1.39 0.00	32.29 1.42 0.00	29.13 1.30 0.00	27.04 1.19 0.00	13.41 0.47 0.00	16.33 0.49 0.00	15.70 0.52 0.00	18.32 0.70 0.00	34.37 1.57 0.00	42.72 2.25 0.00	31.01 1.75 0.00	30.22 1.74 0.00	37.19 1.95 0.00	43.61 2.16 0.00	35.54 1.74 0.00

WEST BABYLON___IC 23714	34.09 1.72 0.00	39.63 1.85 0.00	42.12 1.74 0.00	39.49 1.52 0.00	42.31 1.50 0.00	45.35 1.88 0.06	51.00 2.61 1.39	36.61 2.77 5.59	29.35 1.55 1.18	29.47 1.51 1.56	31.18 2.09 1.78	25.71 1.98 4.10	24.18 1.53 3.21	11.05 0.61 2.50	14.31 0.51 2.05	13.30 0.67 2.55	15.05 0.81 3.37	31.76 1.68 2.72	41.26 2.70 1.92	29.95 2.10 1.41	29.70 2.26 1.03	37.01 2.49 0.72	43.59 2.64 0.51	35.35 2.35 0.79
WEST CANADA___HYD 24049	32.35 -0.02 0.00	37.76 -0.02 0.00	40.36 -0.03 0.00	37.94 -0.04 0.00	40.82 0.00 0.00	43.52 -0.01 0.00	49.91 0.14 0.00	39.58 0.15 0.00	29.05 0.06 0.00	29.52 0.00 0.00	30.84 -0.03 0.00	27.82 -0.02 0.00	25.86 0.01 0.00	12.94 -0.01 0.00	15.82 -0.03 0.00	15.16 -0.02 0.00	17.60 -0.02 0.00	32.84 0.04 0.00	40.58 0.10 0.00	29.37 0.11 0.00	28.56 0.09 0.00	35.27 0.03 0.00	41.47 0.01 0.00	33.81 0.02 0.00
WESTERN_NY_WIND 24143	31.37 -1.01 0.00	36.54 -1.24 0.00	39.23 -1.15 0.00	36.78 -1.20 0.00	39.18 -1.64 0.00	41.90 -1.63 0.00	47.86 -1.92 0.00	37.43 -2.00 0.00	27.85 -1.13 0.00	28.70 -0.82 0.00	29.97 -0.90 0.00	26.59 -1.24 0.00	24.55 -1.31 0.00	12.56 -0.39 0.00	15.53 -0.31 0.00	14.75 -0.42 0.00	16.95 -0.66 0.00	31.33 -1.47 0.00	38.27 -2.20 0.00	27.85 -1.42 0.00	27.01 -1.47 0.00	33.41 -1.83 0.00	39.73 -1.73 0.00	32.17 -1.62 0.00
WESTOVER___LESR 323668	32.62 0.25 0.00	38.14 0.36 0.00	40.85 0.46 0.00	38.36 0.38 0.00	41.19 0.37 0.00	43.87 0.34 0.00	50.63 0.85 0.00	40.09 0.67 0.00	29.38 0.40 0.00	29.93 0.42 0.00	31.34 0.46 0.00	28.20 0.37 0.00	26.12 0.27 0.00	13.07 0.12 0.00	15.96 0.11 0.00	15.25 0.07 0.00	17.73 0.11 0.00	32.93 0.13 0.00	40.58 0.10 0.00	29.40 0.14 0.00	28.55 0.07 0.00	35.15 -0.08 0.00	41.48 0.02 0.00	33.81 0.02 0.00
WETHRSFD_WT_PWR 323626	31.50 -0.88 0.00	36.76 -1.02 0.00	39.41 -0.97 0.00	36.85 -1.13 0.00	39.31 -1.51 0.00	41.85 -1.69 0.00	47.78 -2.00 0.00	37.46 -1.96 0.00	27.49 -1.49 0.00	28.19 -1.33 0.00	29.55 -1.52 0.00	26.31 -1.52 0.00	24.33 -1.52 0.00	12.34 -0.61 0.00	15.23 -0.62 0.00	14.43 -0.75 0.00	16.73 -0.89 0.00	31.06 -1.75 0.00	38.10 -2.38 0.00	27.49 -1.77 0.00	26.49 -1.99 0.00	32.59 -2.65 0.00	38.64 -2.82 0.00	31.47 -2.33 0.00
WHAVSTOR_138KV_BK127 55557	33.41 1.03 0.00	38.81 1.03 0.00	41.38 1.00 0.00	38.98 1.00 0.00	41.91 1.10 0.00	44.94 1.40 0.00	51.94 2.16 0.00	41.81 1.93 -0.45	30.17 1.18 0.00	30.62 1.09 0.00	32.06 1.19 0.00	28.97 1.14 0.00	26.89 1.03 0.00	13.42 0.47 0.00	16.36 0.52 0.00	15.74 0.56 0.00	18.34 0.72 0.00	34.22 1.42 0.00	42.42 1.95 0.00	30.70 1.44 0.00	29.90 1.42 0.00	36.79 1.55 0.00	43.19 1.74 0.00	35.29 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.41 1.03 0.00	38.81 1.03 0.00	41.38 1.00 0.00	38.98 1.00 0.00	41.91 1.10 0.00	44.94 1.40 0.00	51.94 2.16 0.00	41.81 1.93 -0.45	30.17 1.18 0.00	30.62 1.09 0.00	32.06 1.19 0.00	28.97 1.14 0.00	26.89 1.03 0.00	13.42 0.47 0.00	16.36 0.52 0.00	15.74 0.56 0.00	18.34 0.72 0.00	34.22 1.42 0.00	42.42 1.95 0.00	30.70 1.44 0.00	29.90 1.42 0.00	36.79 1.55 0.00	43.19 1.74 0.00	35.29 1.50 0.00
WHITEHAL_115KV_TB1 80871	34.46 2.08 0.00	40.35 2.57 0.00	42.94 2.55 0.00	40.29 2.31 0.00	43.73 2.92 0.00	47.19 3.65 0.00	53.99 4.21 0.00	42.70 3.27 0.00	30.55 1.56 0.00	30.57 1.05 0.00	31.84 0.97 0.00	28.72 0.89 0.00	26.58 0.73 0.00	13.49 0.54 0.00	16.50 0.65 0.00	15.78 0.60 0.00	18.33 0.71 0.00	34.44 1.64 0.00	42.31 1.83 0.00	30.51 1.25 0.00	29.70 1.22 0.00	37.02 1.79 0.00	43.67 2.21 0.00	36.25 2.46 0.00
WHITEPLN_13_KV_LOAD 356215	34.01 1.63 0.00	39.51 1.73 0.00	42.12 1.73 0.00	39.64 1.66 0.00	42.59 1.77 0.00	45.66 2.13 0.00	52.69 2.91 0.00	43.26 2.60 -1.23	31.23 1.67 -0.58	31.92 1.60 -0.80	33.57 1.74 -0.95	31.65 1.62 -2.20	29.05 1.48 -1.72	14.97 0.68 -1.34	17.70 0.76 -1.10	17.32 0.78 -1.36	20.38 0.95 -1.80	36.10 1.84 -1.46	44.03 2.53 -1.03	31.95 1.93 -0.76	30.95 1.92 -0.55	37.77 2.15 -0.38	44.14 2.41 -0.27	36.24 2.02 -0.43
WM_FLOYD_69_KV_BK2 356380	34.14 1.77 0.00	39.60 1.82 0.00	41.99 1.61 0.00	39.33 1.35 0.00	42.16 1.35 0.00	45.17 1.72 0.08	50.43 2.37 1.71	35.80 2.73 6.36	29.19 1.40 1.19	29.24 1.30 1.58	31.00 1.97 1.84	25.17 1.84 4.50	21.32 1.39 5.92	10.76 0.46 2.65	14.13 0.34 2.05	13.16 0.53 2.55	14.92 0.67 3.37	31.44 1.36 2.72	40.94 2.39 1.92	29.66 1.82 1.41	29.59 2.15 1.03	36.90 2.39 0.72	43.41 2.47 0.51	35.17 2.18 0.79
WOODARD___115KV_TB2 355635	31.98 -0.40 0.00	37.32 -0.47 0.00	39.91 -0.47 0.00	37.51 -0.47 0.00	40.29 -0.53 0.00	43.01 -0.53 0.00	49.38 -0.39 0.00	39.11 -0.32 0.00	28.71 -0.28 0.00	29.24 -0.28 0.00	30.58 -0.29 0.00	27.53 -0.31 0.00	25.52 -0.34 0.00	12.78 -0.17 0.00	15.65 -0.20 0.00	14.98 -0.20 0.00	17.44 -0.17 0.00	32.43 -0.37 0.00	40.03 -0.45 0.00	28.98 -0.28 0.00	28.16 -0.32 0.00	34.73 -0.51 0.00	40.87 -0.58 0.00	33.27 -0.52 0.00
YORK___WARBASSE 23770	51.33 1.95 -17.00	50.01 2.03 -10.20	46.24 2.02 -3.83	39.94 1.96 -0.01	42.92 2.10 -0.01	46.00 2.46 -0.01	53.06 3.28 0.00	60.44 2.94 -18.07	58.98 1.88 -28.11	70.91 1.81 -39.58	71.99 1.98 -39.14	110.96 1.79 -81.33	111.29 1.61 -83.82	80.42 0.75 -66.72	70.23 0.86 -53.53	82.47 0.85 -66.44	106.58 1.04 -87.93	106.57 2.00 -71.76	93.43 2.73 -50.22	68.22 2.08 -36.88	57.51 2.09 -26.94	60.56 2.41 -22.91	57.66 2.78 -13.42	56.86 2.32 -20.75