

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/16/2025

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	31.76	26.12	24.07	20.65	20.77	21.34	25.45	31.94	37.60	33.54	32.47	27.52	31.32	33.81	37.57	43.22	42.30	48.71	55.42	81.36	53.20	51.11	45.99	36.79
24138	1.15	1.13	1.11	1.00	1.00	0.99	1.00	1.44	1.80	1.84	1.87	1.57	1.79	1.92	1.90	1.80	1.82	1.77	1.98	2.76	1.81	1.88	1.65	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-0.74	-0.33	0.00	-0.04	-0.81	-4.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.80	26.16	24.09	20.68	20.79	21.36	25.45	31.95	37.61	33.53	32.45	27.51	31.31	33.80	37.57	43.21	42.31	48.75	55.49	81.56	53.33	51.22	46.07	36.85
24260	1.19	1.17	1.14	1.03	1.02	1.01	1.01	1.45	1.81	1.83	1.85	1.56	1.77	1.91	1.90	1.79	1.82	1.81	2.05	2.95	1.94	1.98	1.73	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-0.74	-0.33	0.00	-0.04	-0.81	-4.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.80	26.16	24.09	20.68	20.79	21.36	25.45	31.95	37.61	33.53	32.45	27.51	31.31	33.80	37.57	43.21	42.31	48.75	55.49	81.56	53.33	51.22	46.07	36.85
24261	1.19	1.17	1.14	1.03	1.02	1.01	1.01	1.45	1.81	1.83	1.85	1.56	1.77	1.91	1.90	1.79	1.82	1.81	2.05	2.95	1.94	1.98	1.73	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-0.74	-0.33	0.00	-0.04	-0.81	-4.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.91	26.21	24.16	20.78	20.89	21.35	25.52	31.79	36.81	30.29	29.99	25.88	30.18	32.57	34.96	34.72	41.73	48.81	56.11	82.67	54.01	51.71	46.29	37.16
24011	1.30	1.22	1.21	1.13	1.12	1.00	1.08	1.29	1.01	0.68	0.71	0.52	0.65	0.75	0.72	0.89	1.24	1.87	2.67	4.06	2.62	2.47	1.95	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.58	0.26	0.00	0.03	0.62	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.56	26.72	24.67	21.22	21.25	21.78	26.09	32.34	37.07	30.36	30.16	25.93	30.33	32.74	35.13	35.06	42.04	49.46	57.33	84.51	55.29	52.96	47.22	37.69
23798	1.95	1.74	1.72	1.56	1.49	1.44	1.65	1.84	1.26	0.70	0.86	0.56	0.79	0.93	0.86	1.07	1.56	2.51	3.89	5.91	3.89	3.72	2.88	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.55	0.25	0.00	0.03	0.59	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.91	26.21	24.16	20.78	20.89	21.35	25.52	31.79	36.81	30.29	29.99	25.88	30.18	32.57	34.96	34.72	41.73	48.81	56.11	82.67	54.01	51.71	46.29	37.16
24028	1.30	1.22	1.21	1.13	1.12	1.00	1.08	1.29	1.01	0.68	0.71	0.52	0.65	0.75	0.72	0.89	1.24	1.87	2.67	4.06	2.62	2.47	1.95	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.58	0.26	0.00	0.03	0.62	3.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.21	25.68	23.82	20.54	20.69	21.21	25.13	31.42	36.41	28.82	28.79	25.13	29.71	31.96	33.46	29.70	40.47	47.29	54.35	80.10	52.39	50.28	45.07	36.31
23527	0.60	0.69	0.87	0.89	0.92	0.86	0.70	0.92	0.61	0.34	0.24	0.09	0.18	0.19	0.01	0.10	-0.01	0.35	0.91	1.50	0.99	1.05	0.72	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05	1.31	0.58	0.00	0.07	1.41	7.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.33	24.95	23.03	19.86	19.98	20.47	24.37	30.37	35.45	29.50	29.09	25.20	29.20	31.46	33.85	33.97	39.90	46.31	52.96	77.89	50.94	48.88	43.91	35.24
24190	-0.28	-0.04	0.08	0.21	0.21	0.12	-0.07	-0.13	-0.35	-0.30	-0.31	-0.22	-0.33	-0.36	-0.51	-0.51	-0.59	-0.63	-0.48	-0.71	-0.45	-0.36	-0.43	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.46	0.21	0.00	0.03	0.49	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	30.78	24.98	22.85	19.49	19.61	20.34	24.81	31.04	36.53	31.08	30.36	26.09	30.09	32.48	35.59	37.94	41.41	48.05	54.29	79.73	52.26	49.97	45.05	35.95
355683	0.17	-0.01	-0.10	-0.16	-0.15	-0.01	0.37	0.54	0.73	0.55	0.50	0.47	0.56	0.63	0.73	0.83	0.93	1.10	0.86	1.13	0.87	0.74	0.71	0.44
	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	31.05	25.50	23.51	20.24	20.37	20.89	24.88	30.93	35.82	30.01	29.49	25.43	29.47	31.68	34.33	35.43	40.70	47.37	54.23	79.83	52.23	50.10	44.97	36.09
323833	0.44	0.51	0.55	0.59	0.60	0.54	0.44	0.43	0.02	-0.08	-0.09	-0.07	-0.07	-0.15	-0.23	-0.08	0.22	0.42	0.79	1.23	0.84	0.86	0.63	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.28	0.12	0.00	0.02	0.30	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.04	25.50	23.50	20.24	20.36	20.89	24.88	30.93	35.82	30.00	29.49	25.42	29.47	31.68	34.33	35.43	40.70	47.35	54.20	79.81	52.21	50.08	44.96	36.08
323834	0.43	0.51	0.55	0.59	0.59	0.53	0.44	0.43	0.02	-0.09	-0.09	-0.07	-0.07	-0.16	-0.23	-0.09	0.21	0.41	0.76	1.21	0.82	0.84	0.62	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.28	0.12	0.00	0.02	0.30	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.33	24.95	23.03	19.86	19.98	20.47	24.37	30.37	35.45	29.50	29.09	25.20	29.20	31.46	33.85	33.97	39.90	46.31	52.96	77.89	50.94	48.88	43.91	35.24
23571	-0.28	-0.04	0.08	0.21	0.21	0.12	-0.07	-0.13	-0.35	-0.30	-0.31	-0.22	-0.33	-0.36	-0.51	-0.51	-0.59	-0.63	-0.48	-0.71	-0.45	-0.36	-0.43	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.46	0.21	0.00	0.03	0.49	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.33 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.86 0.21 0.00	19.98 0.21 0.00	20.47 0.12 0.00	24.37 -0.07 0.00	30.37 -0.13 0.00	35.45 -0.35 0.00	29.50 -0.30 0.73	29.09 -0.31 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.46 -0.36 0.03	33.85 -0.51 0.49	33.97 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.96 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.36 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
ALBANY___3 23573	30.33 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.86 0.21 0.00	19.98 0.21 0.00	20.47 0.12 0.00	24.37 -0.07 0.00	30.37 -0.13 0.00	35.45 -0.35 0.00	29.50 -0.30 0.73	29.09 -0.31 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.46 -0.36 0.03	33.85 -0.51 0.49	33.97 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.96 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.36 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
ALBANY___4 23574	30.33 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.86 0.21 0.00	19.98 0.21 0.00	20.47 0.12 0.00	24.37 -0.07 0.00	30.37 -0.13 0.00	35.45 -0.35 0.00	29.50 -0.30 0.73	29.09 -0.31 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.46 -0.36 0.03	33.85 -0.51 0.49	33.97 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.96 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.36 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
ALBANY___LFGE 323615	30.64 0.03 0.00	25.19 0.20 0.00	23.25 0.29 0.00	20.04 0.39 0.00	20.15 0.38 0.00	20.66 0.31 0.00	24.60 0.16 0.00	30.69 0.19 0.00	35.84 0.04 0.00	29.74 0.02 0.80	29.36 0.02 0.51	25.44 0.05 0.23	29.54 0.00 0.00	31.84 0.02 0.03	34.23 -0.09 0.54	34.18 -0.03 2.90	40.43 -0.06 0.00	46.94 0.00 0.00	53.65 0.22 0.00	78.91 0.30 0.00	51.58 0.19 0.00	49.48 0.24 0.00	44.43 0.08 0.00	35.62 0.12 0.00
ALCOA_PA_115KV_PL-6C 55860	30.94 0.33 0.00	25.11 0.12 0.00	22.97 0.01 0.00	19.58 -0.07 0.00	19.70 -0.07 0.00	20.44 0.09 0.00	24.98 0.54 0.00	31.23 0.73 0.00	36.75 0.95 0.00	31.26 0.73 0.00	30.53 0.67 0.00	26.23 0.61 0.00	30.24 0.70 0.00	32.64 0.79 0.00	35.76 0.91 0.00	38.14 1.03 0.00	41.63 1.15 0.00	48.33 1.38 0.00	54.51 1.08 0.00	80.09 1.49 0.00	52.64 1.25 0.00	50.37 1.13 0.00	45.41 1.07 0.00	36.17 0.66 0.00
ALCOA_RYNLDS___DRP 24188	30.94 0.33 0.00	25.11 0.12 0.00	22.97 0.01 0.00	19.58 -0.07 0.00	19.70 -0.07 0.00	20.44 0.09 0.00	24.98 0.54 0.00	31.23 0.73 0.00	36.75 0.95 0.00	31.26 0.73 0.00	30.53 0.67 0.00	26.23 0.61 0.00	30.24 0.70 0.00	32.64 0.79 0.00	35.76 0.91 0.00	38.14 1.03 0.00	41.63 1.15 0.00	48.33 1.38 0.00	54.51 1.08 0.00	80.09 1.49 0.00	52.64 1.25 0.00	50.37 1.13 0.00	45.41 1.07 0.00	36.17 0.66 0.00
ALCOA___DSASP 323711	30.94 0.33 0.00	25.11 0.12 0.00	22.97 0.01 0.00	19.58 -0.07 0.00	19.70 -0.07 0.00	20.44 0.08 0.00	24.98 0.54 0.00	31.23 0.73 0.00	36.75 0.95 0.00	31.26 0.73 0.00	30.53 0.67 0.00	26.23 0.61 0.00	30.24 0.70 0.00	32.64 0.79 0.00	35.76 0.91 0.00	38.14 1.03 0.00	41.63 1.15 0.00	48.33 1.38 0.00	54.51 1.08 0.00	80.09 1.49 0.00	52.64 1.24 0.00	50.37 1.13 0.00	45.41 1.07 0.00	36.17 0.66 0.00
ALLEGHENY___COGEN 23514	32.48 1.87 0.00	26.38 1.39 0.00	24.06 1.10 0.00	20.39 0.73 0.00	20.55 0.78 0.00	21.16 0.80 0.00	25.27 0.83 0.00	31.66 1.16 0.00	37.51 1.70 0.00	31.81 1.29 0.00	31.13 1.27 0.00	26.55 0.93 0.00	30.53 1.00 0.00	32.94 1.09 0.00	36.15 1.30 0.00	37.76 0.65 0.00	41.11 0.63 0.00	47.97 1.03 0.00	53.97 0.53 0.00	80.44 1.84 0.00	53.40 2.01 0.00	51.24 2.00 0.00	47.13 2.79 0.00	37.95 2.44 0.00
ALTAMONT_115KV_TB 2 55880	30.84 0.22 0.00	25.30 0.32 0.00	23.32 0.36 0.00	20.06 0.41 0.00	20.17 0.41 0.00	20.69 0.34 0.00	24.68 0.23 0.00	30.81 0.31 0.00	36.02 0.22 0.00	30.26 0.18 0.46	29.74 0.17 0.29	25.61 0.12 0.13	29.67 0.13 0.00	31.96 0.12 0.02	34.59 0.04 0.31	35.50 0.02 1.63	40.52 0.03 0.00	47.02 0.07 0.00	53.76 0.32 0.00	79.11 0.51 0.00	51.73 0.33 0.00	49.64 0.41 0.00	44.62 0.28 0.00	35.81 0.30 0.00
ALTONA_WT_PWR 323606	31.11 0.50 0.00	25.25 0.26 0.00	23.13 0.17 0.00	19.69 0.03 0.00	19.78 0.01 0.00	20.45 0.10 0.00	24.95 0.51 0.00	31.26 0.76 0.00	36.77 0.97 0.00	31.29 0.76 0.00	30.53 0.68 0.00	26.23 0.61 0.00	30.29 0.75 0.00	32.76 0.91 0.00	35.84 0.99 0.00	38.33 1.22 0.00	41.93 1.44 0.00	48.72 1.77 0.00	55.09 1.66 0.00	80.94 2.34 0.00	52.96 1.57 0.00	50.46 1.23 0.00	45.16 0.82 0.00	36.18 0.67 0.00
AMERICAN_REF_FUEL 24010	30.97 0.36 0.00	25.23 0.24 0.00	22.93 -0.02 0.00	19.32 -0.33 0.00	19.46 -0.31 0.00	19.94 -0.41 0.00	23.65 -0.79 0.00	29.45 -1.05 0.00	35.39 -0.42 0.00	30.22 -0.31 0.00	29.70 -0.16 0.00	25.50 -0.12 0.00	29.30 -0.24 0.00	31.69 -0.16 0.00	34.99 0.13 0.00	37.02 -0.09 0.00	40.40 -0.08 0.00	47.12 0.18 0.00	53.44 0.01 0.00	78.49 -0.12 0.00	51.44 0.05 0.00	49.07 -0.17 0.00	44.62 0.28 0.00	35.98 0.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.65 1.04 0.00	25.85 0.86 0.00	23.58 0.63 0.00	19.86 0.20 0.00	19.98 0.21 0.00	20.56 0.20 0.00	24.55 0.11 0.00	30.83 0.33 0.00	37.14 1.34 0.00	31.77 1.25 0.00	31.23 1.37 0.00	26.77 1.15 0.00	30.80 1.26 0.00	33.28 1.43 0.00	36.61 1.76 0.00	38.75 1.64 0.00	42.39 1.90 0.00	49.38 2.44 0.00	56.01 2.57 0.00	82.44 3.84 0.00	54.00 2.61 0.00	51.27 2.04 0.00	46.25 1.91 0.00	37.02 1.51 0.00
ARTHUR KILL_GT_1 23520	31.57 0.96 0.00	26.01 1.02 0.00	23.94 0.99 0.00	20.54 0.89 0.00	20.63 0.87 0.00	21.21 0.86 0.00	25.24 0.81 0.00	31.69 1.19 0.00	37.34 1.53 0.00	33.31 1.61 -1.17	32.23 1.63 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.56 1.66 -0.04	37.32 1.66 -0.81	42.86 1.44 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.04 1.61 0.00	81.02 2.42 0.00	53.01 1.63 0.00	50.93 1.70 0.00	45.84 1.49 0.00	36.64 1.13 0.00
ARTHUR_KILL_2 23512	31.49 0.88 0.00	25.94 0.95 0.00	23.88 0.92 0.00	20.49 0.84 0.00	20.57 0.80 0.00	21.14 0.79 0.00	25.18 0.74 0.00	31.60 1.10 0.00	37.23 1.42 0.00	33.21 1.52 -1.17	32.15 1.54 -0.74	27.23 1.28 -0.33	30.99 1.45 0.00	33.46 1.57 -0.04	37.21 1.55 -0.81	42.76 1.33 -4.31	41.81 1.33 0.00	48.16 1.21 0.00	54.88 1.44 0.00	80.78 2.17 0.00	52.84 1.45 0.00	50.77 1.54 0.00	45.69 1.35 0.00	36.54 1.03 0.00
ARTHUR_KILL_3 23513	31.52 0.90 0.00	25.93 0.94 0.00	23.88 0.93 0.00	20.51 0.85 0.00	20.59 0.82 0.00	21.15 0.80 0.00	25.20 0.76 0.00	31.63 1.13 0.00	37.21 1.41 0.00	33.19 1.50 -1.17	32.13 1.53 -0.74	27.22 1.27 -0.33	30.97 1.44 0.00	33.45 1.55 -0.04	37.16 1.50 -0.81	42.77 1.34 -4.31	41.82 1.33 0.00	48.19 1.24 0.00	54.84 1.40 0.00	80.58 1.98 0.00	52.71 1.32 0.00	50.64 1.40 0.00	45.56 1.22 0.00	36.45 0.94 0.00

ARTHUR_KILL_COGEN 323718	31.58 0.97 0.00	26.01 1.02 0.00	23.94 0.99 0.00	20.54 0.89 0.00	20.62 0.86 0.00	21.20 0.85 0.00	25.25 0.81 0.00	31.70 1.19 0.00	37.33 1.53 0.00	33.30 1.61 -1.17	32.24 1.64 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.56 1.66 -0.04	37.32 1.66 -0.81	42.86 1.44 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.04 1.61 0.00	81.02 2.42 0.00	53.01 1.62 0.00	50.93 1.69 0.00	45.84 1.49 0.00	36.64 1.13 0.00
ASHOKAN____ 23654	31.49 0.88 0.00	25.83 0.85 0.00	23.78 0.83 0.00	20.44 0.79 0.00	20.56 0.79 0.00	21.09 0.74 0.00	25.20 0.76 0.00	31.49 0.99 0.00	36.71 0.91 0.00	31.43 0.90 0.00	30.80 0.93 0.00	26.47 0.85 0.00	30.35 0.82 0.00	32.69 0.85 0.00	35.87 1.02 0.00	38.24 1.13 0.00	41.60 1.11 0.00	48.36 1.42 0.00	55.35 1.92 0.00	81.49 2.89 0.00	53.32 1.93 0.00	51.06 1.83 0.00	45.77 1.43 0.00	36.58 1.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.50 0.89 0.00	26.02 1.03 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.60 0.83 0.00	21.21 0.86 0.00	25.28 0.84 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.27 1.58 -1.17	32.20 1.60 -0.74	27.30 1.35 -0.33	31.07 1.53 0.00	33.54 1.64 -0.04	37.29 1.62 -0.81	42.85 1.43 -4.31	41.92 1.43 0.00	48.26 1.32 0.00	55.02 1.59 0.00	81.44 2.40 -0.44	52.98 1.54 -0.05	50.86 1.63 0.00	45.84 1.50 0.00	36.64 1.13 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.50 0.89 0.00	26.02 1.03 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.60 0.83 0.00	21.21 0.86 0.00	25.28 0.84 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.27 1.58 -1.17	32.20 1.60 -0.74	27.30 1.35 -0.33	31.07 1.53 0.00	33.54 1.64 -0.04	37.29 1.62 -0.81	42.85 1.43 -4.31	41.92 1.43 0.00	48.26 1.32 0.00	55.02 1.58 0.00	81.44 2.40 -0.44	52.98 1.54 -0.05	50.86 1.63 0.00	45.84 1.50 0.00	36.64 1.13 0.00
ASTORIA_GT2_1 24094	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT2_2 24095	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT2_3 24096	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT2_4 24097	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT3_1 24098	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT3_2 24099	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT3_3 24100	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT3_4 24101	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT4_1 24102	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT4_2 24103	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT4_3 24104	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00

ASTORIA_GT4_4 24105	31.52 0.91 0.00	26.03 1.04 0.00	23.96 1.00 0.00	20.57 0.92 0.00	20.61 0.84 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.29 1.60 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.87 1.45 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.45 2.40 -0.44	53.01 1.57 -0.05	50.89 1.66 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA_GT_1 23523	31.57 0.96 0.00	26.07 1.08 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.64 0.88 0.00	21.25 0.90 0.00	25.34 0.90 0.00	31.81 1.31 0.00	37.44 1.64 0.00	33.35 1.66 -1.17	32.27 1.67 -0.74	27.37 1.42 -0.33	31.14 1.60 0.00	33.61 1.71 -0.04	37.38 1.71 -0.81	42.95 1.53 -4.31	42.02 1.53 0.00	48.39 1.45 0.00	55.16 1.73 0.00	81.60 2.56 -0.44	53.12 1.68 -0.05	50.99 1.75 0.00	45.95 1.60 0.00	36.71 1.21 0.00
ASTORIA_GT_10 24110	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.92 0.00	20.67 0.90 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.23 1.62 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.83 2.23 0.00	52.89 1.49 0.00	50.81 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
ASTORIA_GT_11 24225	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.92 0.00	20.67 0.90 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.23 1.62 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.83 2.23 0.00	52.89 1.49 0.00	50.81 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
ASTORIA_GT_12 24226	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.92 0.00	20.67 0.90 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.23 1.62 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.83 2.23 0.00	52.89 1.49 0.00	50.81 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
ASTORIA_GT_13 24227	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.92 0.00	20.67 0.90 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.23 1.62 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.83 2.23 0.00	52.89 1.49 0.00	50.81 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
ASTORIA_GT_5 24106	31.57 0.96 0.00	26.07 1.08 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.64 0.88 0.00	21.25 0.90 0.00	25.34 0.90 0.00	31.81 1.31 0.00	37.44 1.64 0.00	33.35 1.66 -1.17	32.27 1.67 -0.74	27.37 1.42 -0.33	31.14 1.60 0.00	33.61 1.71 -0.04	37.38 1.71 -0.81	42.95 1.53 -4.31	42.02 1.53 0.00	48.39 1.45 0.00	55.16 1.73 0.00	81.60 2.56 -0.44	53.12 1.68 -0.05	50.99 1.75 0.00	45.95 1.60 0.00	36.71 1.21 0.00
ASTORIA_GT_7 24107	31.57 0.96 0.00	26.07 1.08 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.64 0.88 0.00	21.25 0.90 0.00	25.34 0.90 0.00	31.81 1.31 0.00	37.44 1.64 0.00	33.35 1.66 -1.17	32.27 1.67 -0.74	27.37 1.42 -0.33	31.14 1.60 0.00	33.61 1.71 -0.04	37.38 1.71 -0.81	42.95 1.53 -4.31	42.02 1.53 0.00	48.39 1.45 0.00	55.16 1.73 0.00	81.60 2.56 -0.44	53.12 1.68 -0.05	50.99 1.75 0.00	45.95 1.60 0.00	36.71 1.21 0.00
ASTORIA_GT_8 24108	31.57 0.96 0.00	26.07 1.08 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.64 0.88 0.00	21.25 0.90 0.00	25.34 0.90 0.00	31.81 1.31 0.00	37.44 1.64 0.00	33.35 1.66 -1.17	32.27 1.67 -0.74	27.37 1.42 -0.33	31.14 1.60 0.00	33.61 1.71 -0.04	37.38 1.71 -0.81	42.95 1.53 -4.31	42.02 1.53 0.00	48.39 1.45 0.00	55.16 1.73 0.00	81.60 2.56 -0.44	53.12 1.68 -0.05	50.99 1.75 0.00	45.95 1.60 0.00	36.71 1.21 0.00
ASTORIA___2 24149	31.52 0.91 0.00	26.03 1.04 0.00	23.95 1.00 0.00	20.58 0.92 0.00	20.61 0.84 0.00	21.21 0.87 0.00	25.30 0.86 0.00	31.76 1.26 0.00	37.37 1.57 0.00	33.28 1.59 -1.17	32.22 1.61 -0.74	27.32 1.37 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.45 -4.31	41.94 1.45 0.00	48.30 1.35 0.00	55.05 1.62 0.00	81.48 2.44 -0.44	53.01 1.57 -0.05	50.89 1.65 0.00	45.87 1.52 0.00	36.65 1.14 0.00
ASTORIA___3 23516	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.66 0.89 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.61 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.67 -0.04	37.32 1.66 -0.81	42.93 1.50 -4.31	41.98 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.85 2.24 0.00	52.88 1.49 0.00	50.80 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
ASTORIA___4 23517	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.92 0.00	20.67 0.90 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.23 1.62 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.83 2.23 0.00	52.88 1.49 0.00	50.80 1.57 0.00	45.74 1.40 0.00	36.59 1.08 0.00
ASTORIA___5 23518	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.66 0.89 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.61 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.67 -0.04	37.32 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.85 2.24 0.00	52.88 1.49 0.00	50.80 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
AST_ENERGY_2_CC3 323677	31.54 0.92 0.00	25.95 0.96 0.00	23.91 0.96 0.00	20.54 0.89 0.00	20.64 0.87 0.00	21.19 0.84 0.00	25.25 0.81 0.00	31.66 1.16 0.00	37.25 1.44 0.00	33.21 1.52 -1.17	32.15 1.54 -0.74	27.24 1.30 -0.33	30.99 1.46 0.00	33.47 1.57 -0.04	37.20 1.53 -0.81	42.80 1.38 -4.31	41.86 1.38 0.00	48.24 1.30 0.00	54.92 1.48 0.00	80.69 2.09 0.00	52.78 1.39 0.00	50.70 1.47 0.00	45.65 1.31 0.00	36.52 1.01 0.00
AST_ENERGY_2_CC4 323678	31.54 0.92 0.00	25.95 0.96 0.00	23.91 0.96 0.00	20.54 0.89 0.00	20.64 0.87 0.00	21.19 0.84 0.00	25.25 0.81 0.00	31.66 1.16 0.00	37.25 1.44 0.00	33.21 1.52 -1.17	32.15 1.54 -0.74	27.24 1.30 -0.33	30.99 1.46 0.00	33.47 1.57 -0.04	37.20 1.53 -0.81	42.80 1.38 -4.31	41.86 1.38 0.00	48.24 1.30 0.00	54.92 1.48 0.00	80.69 2.09 0.00	52.78 1.39 0.00	50.70 1.47 0.00	45.65 1.31 0.00	36.52 1.01 0.00

ATHENS_STG_1 23668	30.97 0.36 0.00	25.45 0.46 0.00	23.45 0.49 0.00	20.16 0.51 0.00	20.27 0.50 0.00	20.77 0.42 0.00	24.76 0.32 0.00	30.98 0.48 0.00	36.30 0.50 0.00	31.53 0.49 -0.51	30.67 0.49 -0.32	26.14 0.38 -0.14	29.96 0.42 0.00	32.29 0.42 -0.02	35.56 0.35 -0.35	39.27 0.27 -1.88	40.71 0.23 0.00	47.11 0.17 0.00	53.84 0.40 0.00	79.25 0.65 0.00	51.82 0.42 0.00	49.76 0.53 0.00	44.77 0.43 0.00	35.95 0.44 0.00
ATHENS_STG_2 23670	30.97 0.36 0.00	25.45 0.46 0.00	23.45 0.49 0.00	20.16 0.51 0.00	20.27 0.50 0.00	20.77 0.42 0.00	24.76 0.32 0.00	30.98 0.48 0.00	36.30 0.50 0.00	31.53 0.49 -0.51	30.67 0.49 -0.32	26.14 0.38 -0.14	29.96 0.42 0.00	32.29 0.42 -0.02	35.56 0.35 -0.35	39.27 0.27 -1.88	40.71 0.23 0.00	47.11 0.17 0.00	53.84 0.40 0.00	79.25 0.65 0.00	51.82 0.42 0.00	49.76 0.53 0.00	44.77 0.43 0.00	35.95 0.44 0.00
ATHENS_STG_3 23677	30.97 0.36 0.00	25.45 0.46 0.00	23.45 0.49 0.00	20.16 0.51 0.00	20.27 0.50 0.00	20.77 0.42 0.00	24.76 0.32 0.00	30.98 0.48 0.00	36.30 0.50 0.00	31.53 0.49 -0.51	30.67 0.49 -0.32	26.14 0.38 -0.14	29.96 0.42 0.00	32.29 0.42 -0.02	35.56 0.35 -0.35	39.27 0.27 -1.88	40.71 0.23 0.00	47.11 0.17 0.00	53.84 0.40 0.00	79.25 0.65 0.00	51.82 0.42 0.00	49.76 0.53 0.00	44.77 0.43 0.00	35.95 0.44 0.00
AUBURN___LFGE 323710	31.14 0.53 0.00	25.35 0.36 0.00	23.33 0.37 0.00	19.91 0.25 0.00	20.06 0.29 0.00	20.59 0.23 0.00	24.58 0.14 0.00	30.64 0.14 0.00	35.97 0.16 0.00	30.64 0.11 0.00	29.97 0.11 0.00	25.70 0.09 0.00	29.66 0.12 0.00	32.03 0.18 0.00	35.15 0.29 0.00	37.48 0.37 0.00	40.81 0.32 0.00	47.47 0.53 0.00	54.02 0.58 0.00	79.81 1.21 0.00	52.49 0.73 -0.37	50.94 0.73 -0.98	44.91 0.57 -0.01	35.85 0.34 0.00
BABYLON_RES_REC 323704	41.66 1.45 -9.60	28.48 1.35 -2.14	34.05 1.36 -9.74	20.89 1.23 -0.01	23.39 1.19 -2.42	26.85 1.14 -5.36	31.17 1.06 -5.68	41.06 1.52 -9.05	38.67 1.91 -0.95	41.65 2.01 -9.11	50.42 1.84 -18.72	29.68 1.57 -2.50	36.50 1.72 -5.25	36.04 1.86 -2.33	37.34 1.67 -0.81	42.97 1.55 -4.31	42.18 1.70 0.00	48.60 1.64 -0.01	55.59 2.16 0.00	108.61 3.33 -26.68	63.97 2.14 -10.43	69.31 2.18 -17.90	47.11 1.79 -0.98	38.41 1.35 -1.55
BALL_HILL_WT_PWR 323825	31.55 0.94 0.00	25.71 0.72 0.00	23.41 0.46 0.00	19.74 0.08 0.00	19.87 0.10 0.00	20.41 0.05 0.00	24.26 -0.18 0.00	30.38 -0.12 0.00	36.54 0.74 0.00	31.25 0.73 0.00	30.71 0.85 0.00	26.33 0.71 0.00	30.29 0.76 0.00	32.75 0.90 0.00	36.08 1.22 0.00	38.19 1.08 0.00	41.75 1.26 0.00	48.63 1.69 0.00	55.18 1.74 0.00	81.18 2.58 0.00	53.16 1.77 0.00	50.64 1.41 0.00	45.84 1.50 0.00	36.78 1.27 0.00
BARON_WINDS___WT_PWR 323822	31.35 0.73 0.00	25.49 0.50 0.00	23.29 0.33 0.00	19.71 0.06 0.00	19.88 0.11 0.00	20.39 0.04 0.00	24.33 -0.11 0.00	30.43 -0.07 0.00	36.03 0.23 0.00	30.72 0.19 0.00	30.21 0.35 0.00	25.78 0.16 0.00	29.68 0.14 0.00	32.09 0.24 0.00	35.39 0.53 0.00	37.58 0.47 0.00	41.12 0.63 0.00	47.54 0.59 0.00	54.01 0.57 0.00	79.85 1.24 0.00	52.37 0.88 -0.10	50.13 0.62 -0.28	44.88 0.53 0.00	36.04 0.53 0.00
BARRETT_IC_1 23704	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_10 23701	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.53 1.52 -8.48	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	78.53 2.09 2.17	59.50 1.47 -6.64	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_11 23702	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.53 1.52 -8.48	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	78.53 2.09 2.17	59.50 1.47 -6.64	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_12 23703	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.53 1.52 -8.48	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	78.53 2.09 2.17	59.50 1.47 -6.64	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_2 23705	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_3 23706	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_4 23707	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_5 23708	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44

BARRETT_IC_6 23709	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_7 23710	40.54 1.09 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.98 0.98 -2.23	26.21 0.92 -4.93	30.50 0.83 -5.23	39.96 1.13 -8.33	38.14 1.47 -0.87	40.55 1.53 -8.49	48.50 1.34 -17.30	29.20 1.26 -2.33	35.77 1.41 -4.83	35.65 1.65 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.18 -0.01	54.92 1.49 0.00	108.68 2.14 -27.93	62.88 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.15 -1.44
BARRETT_IC_8 23711	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT_IC_9 23700	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.53 1.52 -8.48	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	78.53 2.09 2.17	59.50 1.47 -6.64	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT___1 23545	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.54 1.52 -8.49	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	108.63 2.09 -27.93	62.89 1.47 -10.02	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BARRETT___2 23546	40.54 1.08 -8.84	28.09 1.13 -1.97	33.00 1.08 -8.97	20.70 1.04 -0.01	22.97 0.97 -2.23	26.20 0.91 -4.93	30.49 0.83 -5.23	39.97 1.14 -8.33	38.15 1.47 -0.87	40.53 1.52 -8.48	48.51 1.34 -17.30	29.20 1.26 -2.33	35.77 1.40 -4.83	35.66 1.66 -2.15	37.23 1.56 -0.81	42.84 1.42 -4.31	41.89 1.40 0.00	48.13 1.17 -0.01	54.92 1.49 0.00	78.53 2.09 2.17	59.50 1.47 -6.64	67.45 1.65 -16.57	46.73 1.48 -0.90	38.09 1.14 -1.44
BATAVIA__115KV_TB1 55881	31.98 1.37 0.00	26.02 1.03 0.00	23.68 0.72 0.00	20.01 0.36 0.00	20.13 0.37 0.00	20.67 0.32 0.00	24.64 0.20 0.00	30.75 0.25 0.00	36.83 1.03 0.00	31.45 0.92 0.00	30.94 1.08 0.00	26.50 0.88 0.00	30.42 1.02 0.00	32.87 1.02 0.00	36.24 1.39 0.00	38.42 1.30 0.00	41.92 1.43 0.00	48.89 1.94 0.00	55.57 2.13 0.00	82.06 3.45 0.00	53.95 2.56 0.00	51.53 2.30 0.00	46.64 2.30 0.00	37.39 1.88 0.00
BAYONEEC___CTG1 323682	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG10 323750	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG2 323683	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG3 323684	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG4 323685	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG5 323686	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG6 323687	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG7 323688	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00

BAYONEEC___CTG8 323689	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BAYONEEC___CTG9 323749	31.59 0.98 0.00	25.98 1.00 0.00	23.94 0.99 0.00	20.56 0.91 0.00	20.65 0.88 0.00	21.21 0.86 0.00	25.27 0.83 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.27 1.57 -1.17	32.20 1.60 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.87 1.45 -4.31	41.93 1.45 0.00	48.31 1.36 0.00	55.00 1.56 0.00	80.81 2.21 0.00	52.86 1.47 0.00	50.79 1.55 0.00	45.73 1.39 0.00	36.58 1.07 0.00
BEACON___LESR 323632	30.78 0.17 0.00	25.28 0.29 0.00	23.31 0.36 0.00	20.08 0.43 0.00	20.24 0.47 0.00	20.75 0.40 0.00	24.72 0.28 0.00	30.84 0.34 0.00	35.95 0.15 0.00	29.60 -0.15 0.78	29.19 -0.18 0.49	25.52 0.12 0.22	29.63 0.09 0.00	31.93 0.11 0.03	34.35 0.02 0.53	34.41 0.11 2.81	40.62 0.13 0.00	47.19 0.25 0.00	53.90 0.47 0.00	79.38 0.78 0.00	51.90 0.51 0.00	49.76 0.53 0.00	44.65 0.31 0.00	35.77 0.26 0.00
BEAVER RIVER___HYD 24048	31.54 0.93 0.00	25.74 0.75 0.00	23.62 0.67 0.00	20.16 0.51 0.00	20.28 0.52 0.00	20.80 0.45 0.00	25.08 0.64 0.00	31.32 0.82 0.00	36.65 0.84 0.00	31.13 0.60 0.00	30.38 0.52 0.00	25.99 0.37 0.00	29.92 0.38 0.00	32.16 0.31 0.00	35.32 0.46 0.00	37.69 0.58 0.00	41.27 0.78 0.00	48.34 1.39 0.00	55.25 1.81 0.00	81.50 2.89 0.00	53.34 1.75 -0.20	51.85 2.09 -0.53	46.54 2.20 0.00	36.99 1.48 0.00
BEEBEE_GT_13 23619	31.36 0.75 0.00	25.53 0.54 0.00	23.31 0.35 0.00	19.78 0.13 0.00	19.89 0.12 0.00	20.43 0.07 0.00	24.35 -0.09 0.00	30.41 -0.09 0.00	36.21 0.41 0.00	30.95 0.42 0.00	30.40 0.54 0.00	26.10 0.48 0.00	30.04 0.51 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.87 0.76 0.00	41.36 0.88 0.00	48.08 1.13 0.00	54.67 1.23 0.00	80.55 1.94 0.00	52.71 1.32 0.00	50.32 1.09 0.00	45.44 1.10 0.00	36.44 0.93 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.81 1.20 0.00	26.20 1.21 0.00	24.12 1.17 0.00	20.70 1.05 0.00	20.80 1.03 0.00	21.39 1.04 0.00	25.47 1.03 0.00	31.99 1.50 0.00	37.68 1.88 0.00	33.60 1.90 -1.17	32.54 1.93 -0.74	27.59 1.64 -0.33	31.40 1.87 0.00	33.89 2.00 -0.04	37.69 2.02 -0.81	43.29 1.87 -4.31	42.41 1.92 0.00	48.80 1.85 0.00	55.55 2.12 0.00	81.72 3.12 0.00	53.46 2.07 0.00	51.38 2.14 0.00	46.21 1.87 0.00	36.94 1.43 0.00
BETHLEHEM___GRP 23843	30.33 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.86 0.21 0.00	19.98 0.21 0.00	20.47 0.12 0.00	24.37 -0.07 0.00	30.37 -0.13 0.00	35.45 -0.35 0.00	29.50 -0.30 0.73	29.09 -0.31 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.46 -0.36 0.03	33.85 -0.51 0.49	33.97 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.96 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.36 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
BETHLEHEM___GS1 323560	30.34 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.87 0.21 0.00	19.97 0.20 0.00	20.47 0.11 0.00	24.36 -0.08 0.00	30.38 -0.12 0.00	35.45 -0.35 0.00	29.49 -0.31 0.73	29.08 -0.32 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.47 -0.36 0.03	33.85 -0.51 0.49	33.98 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.95 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.35 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
BETHLEHEM___GS2 323561	30.34 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.87 0.21 0.00	19.97 0.20 0.00	20.47 0.11 0.00	24.36 -0.08 0.00	30.38 -0.12 0.00	35.45 -0.35 0.00	29.49 -0.31 0.73	29.08 -0.32 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.47 -0.36 0.03	33.85 -0.51 0.49	33.98 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.95 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.35 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
BETHLEHEM___GS3 323562	30.34 -0.28 0.00	24.95 -0.04 0.00	23.03 0.08 0.00	19.87 0.21 0.00	19.97 0.20 0.00	20.47 0.11 0.00	24.36 -0.08 0.00	30.38 -0.12 0.00	35.45 -0.35 0.00	29.49 -0.31 0.73	29.08 -0.32 0.46	25.20 -0.22 0.21	29.20 -0.33 0.00	31.47 -0.36 0.03	33.85 -0.51 0.49	33.98 -0.51 2.62	39.90 -0.59 0.00	46.31 -0.63 0.00	52.95 -0.48 0.00	77.89 -0.71 0.00	50.94 -0.45 0.00	48.88 -0.35 0.00	43.91 -0.43 0.00	35.24 -0.27 0.00
BETHLEHEM___STEEL 23779	31.55 0.94 0.00	25.67 0.68 0.00	23.36 0.41 0.00	19.70 0.05 0.00	19.80 0.03 0.00	20.32 -0.03 0.00	24.17 -0.27 0.00	30.22 -0.27 0.00	36.32 0.52 0.00	31.04 0.51 0.00	30.51 0.65 0.00	26.16 0.54 0.00	30.12 0.58 0.00	32.58 0.73 0.00	35.90 1.05 0.00	38.02 0.91 0.00	41.54 1.06 0.00	48.41 1.47 0.00	54.93 1.50 0.00	80.79 2.18 0.00	52.88 1.49 0.00	50.41 1.17 0.00	45.69 1.34 0.00	36.71 1.20 0.00
BETHLHEM_115KV_TB1 79974	30.43 -0.18 0.00	25.02 0.03 0.00	23.08 0.13 0.00	19.90 0.25 0.00	20.02 0.25 0.00	20.51 0.16 0.00	24.43 -0.01 0.00	30.47 -0.03 0.00	35.57 -0.23 0.00	29.65 -0.19 0.68	29.23 -0.20 0.43	25.28 -0.14 0.19	29.30 -0.24 0.00	31.57 -0.26 0.02	34.00 -0.39 0.46	34.25 -0.39 2.46	40.02 -0.46 0.00	46.45 -0.49 0.00	53.11 -0.32 0.00	78.13 -0.48 0.00	51.09 -0.30 0.00	49.02 -0.21 0.00	44.06 -0.28 0.00	35.35 -0.16 0.00
BETHPAGE_CC_5 323564	42.17 1.38 -10.18	28.57 1.31 -2.27	34.59 1.30 -10.33	20.84 1.18 -0.01	23.49 1.15 -2.57	27.14 1.10 -5.68	31.49 1.03 -6.02	41.57 1.47 -9.60	38.66 1.85 -1.01	42.05 1.93 -9.60	51.44 1.76 -19.82	29.78 1.53 -2.63	36.82 1.72 -5.56	36.19 1.87 -2.47	37.33 1.66 -0.81	42.96 1.54 -4.31	42.12 1.64 0.00	48.51 1.56 -0.01	55.43 1.99 0.00	110.09 3.02 -28.47	64.41 1.94 -11.08	70.25 2.04 -18.97	47.07 1.69 -1.03	38.50 1.35 -1.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.60 0.99 0.00	25.70 0.72 0.00	23.39 0.44 0.00	19.73 0.07 0.00	19.83 0.06 0.00	20.34 -0.01 0.00	24.21 -0.23 0.00	30.29 -0.21 0.00	36.41 0.61 0.00	31.12 0.59 0.00	30.59 0.73 0.00	26.23 0.61 0.00	30.19 0.66 0.00	32.67 0.82 0.00	36.00 1.14 0.00	38.12 1.01 0.00	41.66 1.18 0.00	48.55 1.61 0.00	55.10 1.66 0.00	81.05 2.45 0.00	53.01 1.62 0.00	50.52 1.29 0.00	45.78 1.44 0.00	36.76 1.25 0.00
BINGHAMTON___COGEN 23790	31.04 0.43 0.00	25.33 0.34 0.00	23.24 0.29 0.00	19.82 0.17 0.00	19.96 0.19 0.00	20.46 0.11 0.00	24.44 0.00 0.00	30.57 0.07 0.00	36.00 0.20 0.00	30.91 0.19 -0.18	30.28 0.30 -0.12	25.90 0.23 -0.05	29.76 0.23 0.00	32.13 0.27 -0.01	35.39 0.41 -0.11	38.09 0.37 -0.61	40.88 0.39 0.00	47.31 0.37 0.00	53.91 0.48 0.00	79.52 0.91 0.00	52.12 0.55 -0.18	50.22 0.52 -0.47	44.72 0.37 0.00	35.80 0.29 0.00

BIXINCNT_115KV_LOAD 355685	31.74 1.13 0.00	25.84 0.85 0.00	23.55 0.60 0.00	19.91 0.25 0.00	20.04 0.26 0.00	20.52 0.17 0.00	24.42 -0.02 0.00	30.64 0.15 0.00	36.90 1.09 0.00	31.55 1.02 0.00	31.06 1.20 0.00	26.61 0.99 0.00	30.60 1.07 0.00	33.10 1.24 0.00	36.43 1.58 0.00	38.55 1.44 0.00	42.06 1.57 0.00	48.92 1.98 0.00	55.52 2.08 0.00	81.62 3.02 0.00	53.10 1.70 0.00	50.73 1.50 0.00	45.94 1.60 0.00	36.81 1.30 0.00
BLACK RIVER___HYD 24047	31.73 1.13 0.00	25.91 0.92 0.00	23.78 0.83 0.00	20.30 0.64 0.00	20.42 0.64 0.00	20.89 0.54 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.74 0.93 0.00	31.20 0.67 0.00	30.46 0.60 0.00	26.00 0.38 0.00	29.84 0.31 0.00	32.00 0.14 0.00	35.27 0.41 0.00	37.53 0.42 0.00	41.08 0.60 0.00	48.20 1.26 0.00	55.49 2.05 0.00	81.93 3.33 0.00	53.82 2.09 -0.34	52.64 2.52 -0.89	46.91 2.56 -0.01	37.23 1.73 0.00
BLACKRVR_115KV_TB2 79977	31.74 1.13 0.00	25.91 0.92 0.00	23.79 0.83 0.00	20.30 0.65 0.00	20.42 0.64 0.00	20.89 0.54 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.74 0.93 0.00	31.20 0.67 0.00	30.46 0.60 0.00	26.00 0.38 0.00	29.85 0.31 0.00	32.00 0.14 0.00	35.27 0.42 0.00	37.53 0.42 0.00	41.08 0.60 0.00	48.20 1.26 0.00	55.49 2.05 0.00	81.93 3.33 0.00	53.83 2.10 -0.34	52.64 2.52 -0.89	46.91 2.56 -0.01	37.24 1.73 0.00
BLDWN_LI_69_KV_BK4 356085	43.35 1.33 -11.41	28.81 1.28 -2.54	35.78 1.25 -11.58	20.81 1.15 -0.01	23.77 1.12 -2.88	27.79 1.07 -6.37	32.19 1.00 -6.75	42.66 1.41 -10.75	38.71 1.78 -1.13	42.98 1.83 -10.61	53.64 1.67 -22.12	30.00 1.48 -2.91	37.43 1.66 -6.24	36.48 1.86 -2.76	37.41 1.74 -0.81	43.04 1.62 -4.31	42.18 1.69 0.00	48.56 1.60 -0.01	55.48 2.04 0.00	114.28 2.90 -32.78	65.82 1.92 -12.51	72.65 2.17 -21.24	47.32 1.82 -1.16	38.75 1.40 -1.84
BLISS_WT_PWR 323608	31.72 1.11 0.00	25.82 0.83 0.00	23.53 0.58 0.00	19.88 0.23 0.00	20.06 0.29 0.00	20.55 0.19 0.00	24.40 -0.04 0.00	30.64 0.14 0.00	36.91 1.11 0.00	31.56 1.03 0.00	31.08 1.22 0.00	26.63 1.01 0.00	30.62 1.09 0.00	33.12 1.26 0.00	36.46 1.61 0.00	38.56 1.45 0.00	42.08 1.59 0.00	48.94 2.00 0.00	55.53 2.09 0.00	81.60 3.00 0.00	53.00 1.61 0.00	50.65 1.41 0.00	45.89 1.54 0.00	36.76 1.25 0.00
BLUESTONE___WT_PWR 323821	31.92 1.31 0.00	26.19 1.20 0.00	23.81 0.85 0.00	20.39 0.73 0.00	20.63 0.86 0.00	21.26 0.91 0.00	25.25 0.81 0.00	31.62 1.12 0.00	37.37 1.56 0.00	31.96 1.22 -0.21	31.28 1.28 -0.13	26.77 1.09 -0.06	30.84 1.30 0.00	33.21 1.35 -0.01	36.40 1.54 -0.01	38.44 1.33 0.00	41.85 1.36 0.00	48.65 1.71 0.00	55.33 1.90 0.00	82.34 3.73 0.00	54.01 2.46 -0.15	51.60 1.96 -0.40	45.25 0.91 0.00	35.98 0.47 0.00
BLUE_CIRC_CHEM_DRP 24182	30.86 0.25 0.00	25.34 0.35 0.00	23.37 0.42 0.00	20.12 0.47 0.00	20.24 0.47 0.00	20.75 0.41 0.00	24.73 0.29 0.00	30.80 0.30 0.00	35.81 0.01 0.00	30.04 -0.04 0.45	29.53 -0.05 0.28	25.45 -0.04 0.13	29.49 -0.05 0.00	31.73 -0.10 0.02	34.36 -0.19 0.30	35.38 -0.13 1.61	40.49 0.00 0.00	47.04 0.09 0.00	53.80 0.36 0.00	79.17 0.56 0.00	51.77 0.38 0.00	49.68 0.45 0.00	44.65 0.31 0.00	35.84 0.33 0.00
BOC_GAS_DRP 24189	30.70 0.09 0.00	25.21 0.22 0.00	23.24 0.28 0.00	19.99 0.34 0.00	20.10 0.34 0.00	20.62 0.26 0.00	24.58 0.14 0.00	30.70 0.20 0.00	35.90 0.10 0.00	30.20 0.11 0.44	29.69 0.11 0.28	25.58 0.09 0.12	29.61 0.07 0.00	31.89 0.06 0.02	34.52 -0.05 0.29	35.47 -0.08 1.56	40.36 -0.12 0.00	46.78 -0.16 0.00	53.45 0.02 0.00	78.66 0.06 0.00	51.43 0.04 0.00	49.37 0.14 0.00	44.41 0.07 0.00	35.64 0.14 0.00
BOONVILLE_115KV_TB1 79983	31.43 0.82 0.00	25.68 0.69 0.00	23.58 0.63 0.00	20.15 0.50 0.00	20.28 0.51 0.00	20.84 0.49 0.00	25.01 0.57 0.00	31.24 0.74 0.00	36.60 0.80 0.00	31.15 0.62 0.00	30.45 0.59 0.00	26.08 0.46 0.00	30.06 0.52 0.00	32.39 0.54 0.00	35.50 0.64 0.00	37.92 0.81 0.00	41.52 1.03 0.00	48.38 1.44 0.00	55.16 1.72 0.00	81.30 2.70 0.00	53.06 1.57 -0.10	51.17 1.68 -0.26	45.93 1.59 0.00	36.63 1.12 0.00
BORALEX_4TH_BRANCH 23824	31.21 0.60 0.00	25.68 0.69 0.00	23.82 0.87 0.00	20.54 0.89 0.00	20.69 0.92 0.00	21.21 0.86 0.00	25.14 0.70 0.00	31.42 0.92 0.00	36.42 0.62 0.00	28.83 0.35 2.05	28.79 0.24 1.31	25.13 0.09 0.58	29.71 0.18 0.00	31.96 0.19 0.07	33.46 0.01 1.41	29.70 0.10 7.51	40.47 -0.01 0.00	47.29 0.35 0.00	54.35 0.91 0.00	80.10 1.50 0.00	52.39 1.00 0.00	50.29 1.05 0.00	45.07 0.72 0.00	36.31 0.80 0.00
BOWLINE___1 23526	31.41 0.80 0.00	25.82 0.83 0.00	23.78 0.83 0.00	20.41 0.76 0.00	20.51 0.74 0.00	21.04 0.69 0.00	25.06 0.62 0.00	31.44 0.94 0.00	36.98 1.18 0.00	32.88 1.23 -1.12	31.85 1.27 -0.71	26.99 1.06 -0.32	30.75 1.22 0.00	33.21 1.31 -0.04	36.91 1.28 -0.78	42.37 1.13 -4.13	41.61 1.13 0.00	48.05 1.10 0.00	54.77 1.33 0.00	80.56 1.96 0.00	52.72 1.33 0.00	50.67 1.44 0.00	45.58 1.24 0.00	36.46 0.95 0.00
BOWLINE___2 23595	31.41 0.80 0.00	25.82 0.83 0.00	23.78 0.83 0.00	20.41 0.76 0.00	20.51 0.74 0.00	21.04 0.69 0.00	25.06 0.62 0.00	31.44 0.94 0.00	36.98 1.18 0.00	32.88 1.24 -1.12	31.85 1.27 -0.71	26.99 1.06 -0.32	30.75 1.22 0.00	33.21 1.31 -0.04	36.91 1.28 -0.78	42.37 1.13 -4.13	41.61 1.13 0.00	48.05 1.11 0.00	54.77 1.34 0.00	80.56 1.96 0.00	52.73 1.34 0.00	50.67 1.44 0.00	45.58 1.24 0.00	36.46 0.95 0.00
BRADY___115KV_TB2 356060	31.31 0.70 0.00	25.39 0.40 0.00	23.21 0.26 0.00	19.78 0.12 0.00	19.91 0.14 0.00	20.65 0.30 0.00	25.28 0.84 0.00	31.49 0.99 0.00	36.98 1.18 0.00	31.43 0.91 0.00	30.71 0.85 0.00	26.36 0.74 0.00	30.36 0.82 0.00	32.78 0.93 0.00	35.90 1.04 0.00	38.28 1.17 0.00	41.82 1.33 0.00	48.66 1.72 0.00	54.79 1.35 0.00	80.78 2.18 0.00	53.50 2.10 0.00	51.28 2.05 0.00	46.20 1.86 0.00	36.75 1.24 0.00
BRANSCOMB___SOLAR 323811	31.54 0.93 0.00	25.89 0.90 0.00	23.88 0.92 0.00	20.54 0.89 0.00	20.66 0.89 0.00	21.16 0.81 0.00	25.23 0.79 0.00	31.45 0.95 0.00	36.49 0.69 0.00	29.94 0.43 1.02	29.65 0.44 0.65	25.63 0.30 0.29	29.89 0.36 0.00	32.25 0.44 0.04	34.54 0.37 0.69	33.91 0.48 3.68	41.22 0.73 0.00	48.18 1.23 0.00	55.33 1.90 0.00	81.51 2.90 0.00	53.26 1.87 0.00	51.04 1.80 0.00	45.75 1.41 0.00	36.72 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	41.62 2.32 -8.69	29.04 2.12 -1.94	33.96 2.18 -8.82	21.52 1.87 -0.01	23.81 1.85 -2.19	26.83 1.63 -4.85	30.87 1.29 -5.14	40.43 1.74 -8.19	38.76 2.10 -0.86	41.34 2.45 -8.36	49.20 2.32 -17.02	29.51 1.60 -2.29	35.80 1.51 -4.75	35.65 1.68 -2.12	37.31 1.65 -0.81	43.18 1.76 -4.31	42.63 2.15 0.00	49.14 2.18 -0.01	56.31 2.87 0.00	106.90 4.36 -23.94	63.61 2.79 -9.43	68.03 2.58 -16.22	47.04 1.81 -0.88	38.21 1.29 -1.41

BRENTWOD_69_KV_W. BRTWOOD 56703	41.12 1.67 -8.84	28.50 1.55 -1.97	33.47 1.54 -8.97	21.04 1.38 -0.01	23.36 1.36 -2.23	26.59 1.30 -4.93	30.87 1.20 -5.23	40.49 1.66 -8.33	38.79 2.11 -0.88	41.23 2.22 -8.49	49.18 2.01 -17.31	29.64 1.69 -2.33	36.23 1.87 -4.83	36.02 2.01 -2.15	37.55 1.88 -0.81	43.20 1.77 -4.31	42.42 1.93 0.00	48.81 1.86 -0.01	55.89 2.46 0.00	106.85 3.85 -24.39	63.48 2.49 -9.60	68.21 2.47 -16.50	47.26 2.02 -0.90	38.45 1.51 -1.43
BRISTLHL_115KV_TB1 79998	30.27 -0.34 0.00	24.71 -0.28 0.00	22.68 -0.27 0.00	19.39 -0.26 0.00	19.51 -0.25 0.00	20.02 -0.33 0.00	23.86 -0.58 0.00	29.74 -0.76 0.00	34.95 -0.85 0.00	29.83 -0.70 0.00	29.20 -0.66 0.00	25.06 -0.55 0.00	28.90 -0.63 0.00	31.16 -0.69 0.00	34.16 -0.70 0.00	36.35 -0.76 0.00	39.69 -0.80 0.00	46.03 -0.91 0.00	52.44 -1.00 0.00	77.22 -1.38 0.00	51.25 -0.95 -0.80	50.38 -0.96 -2.11	43.49 -0.87 -0.01	34.88 -0.63 0.00
BROOKHAVEN___DRP 24191	40.85 1.55 -8.69	28.37 1.45 -1.94	33.30 1.53 -8.81	21.05 1.39 -0.01	23.34 1.37 -2.19	26.41 1.21 -4.85	30.49 0.92 -5.14	39.93 1.24 -8.18	38.25 1.58 -0.86	40.87 1.99 -8.36	48.63 1.76 -17.01	29.20 1.29 -2.29	35.64 1.35 -4.75	35.41 1.44 -2.11	36.93 1.26 -0.81	42.65 1.23 -4.31	41.89 1.41 0.00	48.15 1.20 -0.01	55.17 1.73 0.00	105.27 2.74 -23.92	62.55 1.74 -9.42	67.19 1.74 -16.21	46.61 1.39 -0.88	37.89 0.98 -1.41
BROOKLYN_NAVY_YARD 23515	31.49 0.88 0.00	25.90 0.92 0.00	23.86 0.90 0.00	20.49 0.84 0.01	20.58 0.82 0.01	21.13 0.79 0.01	25.19 0.76 0.01	31.63 1.13 0.00	37.21 1.41 0.00	33.17 1.48 -1.17	32.11 1.50 -0.74	27.21 1.27 -0.33	30.97 1.43 0.00	33.44 1.54 -0.04	37.17 1.50 -0.81	42.76 1.34 -4.31	41.83 1.34 0.00	48.20 1.25 0.00	54.89 1.45 0.00	81.23 1.97 -0.66	52.80 1.34 -0.07	50.64 1.41 0.00	45.61 1.27 0.00	36.52 1.01 0.00
BROOKLYN___ARMY_DRP 323595	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
BROOME_2_LFGE 323671	31.04 0.43 0.00	25.33 0.34 0.00	23.24 0.28 0.00	19.82 0.17 0.00	19.97 0.20 0.00	20.47 0.11 0.00	24.44 0.00 0.00	30.57 0.08 0.00	36.00 0.20 0.00	30.91 0.20 -0.18	30.28 0.30 -0.12	25.90 0.23 -0.05	29.76 0.23 0.00	32.13 0.27 -0.01	35.39 0.41 -0.11	38.09 0.37 -0.61	40.88 0.39 0.00	47.31 0.37 0.00	53.91 0.48 0.00	79.52 0.91 0.00	52.12 0.55 -0.18	50.22 0.52 -0.47	44.72 0.37 0.00	35.80 0.29 0.00
BROOME___LFGE 323600	31.04 0.43 0.00	25.33 0.34 0.00	23.24 0.28 0.00	19.82 0.17 0.00	19.97 0.20 0.00	20.47 0.11 0.00	24.44 0.00 0.00	30.57 0.08 0.00	36.00 0.20 0.00	30.91 0.20 -0.18	30.28 0.30 -0.12	25.90 0.23 -0.05	29.76 0.23 0.00	32.13 0.27 -0.01	35.39 0.41 -0.11	38.09 0.37 -0.61	40.88 0.39 0.00	47.31 0.37 0.00	53.91 0.48 0.00	79.52 0.91 0.00	52.12 0.55 -0.18	50.22 0.52 -0.47	44.72 0.37 0.00	35.80 0.29 0.00
BROWNFLS_115KV_TB 3_5 80003	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.27 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.29 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.84 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
BROWNSV1_27_KV_LOAD 356125	31.87 1.26 0.00	26.21 1.22 0.00	24.13 1.18 0.00	20.71 1.06 0.00	20.82 1.05 0.00	21.39 1.04 0.00	25.50 1.05 0.00	32.01 1.51 0.00	37.68 1.88 0.00	33.59 1.89 -1.17	32.51 1.91 -0.74	27.56 1.61 -0.33	31.37 1.83 0.00	33.86 1.98 -0.04	37.63 1.97 -0.81	43.27 1.85 -4.31	42.38 1.90 0.00	48.84 1.90 0.00	55.59 2.16 0.00	81.72 3.12 0.00	53.45 2.06 0.00	51.33 2.10 0.00	46.18 1.84 0.00	36.94 1.43 0.00
BURROWS___LYONSDAL 23803	31.43 0.82 0.00	25.68 0.69 0.00	23.58 0.62 0.00	20.14 0.49 0.00	20.27 0.51 0.00	20.81 0.46 0.00	25.00 0.56 0.00	31.23 0.73 0.00	36.57 0.76 0.00	31.12 0.59 0.00	30.39 0.53 0.00	26.03 0.41 0.00	30.00 0.46 0.00	32.31 0.46 0.00	35.41 0.56 0.00	37.82 0.71 0.00	41.43 0.94 0.00	48.33 1.39 0.00	55.10 1.67 0.00	81.25 2.65 0.00	53.02 1.51 -0.12	51.23 1.69 -0.31	46.03 1.69 0.00	36.68 1.17 0.00
CAITHNESS_CC_1 323624	40.78 1.49 -8.68	28.32 1.40 -1.94	33.24 1.48 -8.81	21.01 1.35 -0.01	23.28 1.32 -2.19	26.38 1.18 -4.84	30.49 0.92 -5.13	39.94 1.26 -8.18	38.27 1.61 -0.86	40.84 1.95 -8.36	48.60 1.73 -17.01	29.22 1.31 -2.29	35.67 1.39 -4.75	35.47 1.50 -2.11	36.97 1.31 -0.81	42.69 1.26 -4.31	41.92 1.43 0.00	48.16 1.20 -0.01	55.16 1.72 0.00	105.24 2.72 -23.91	62.53 1.72 -9.42	67.19 1.75 -16.21	46.64 1.42 -0.88	37.92 1.01 -1.41
CALPINE BETH_PAGE_GT4 24209	42.81 1.34 -10.86	28.69 1.28 -2.42	35.24 1.27 -11.02	20.81 1.15 -0.01	23.64 1.13 -2.74	27.50 1.09 -6.06	31.87 1.01 -6.42	42.17 1.44 -10.23	38.69 1.81 -1.07	42.57 1.89 -10.16	52.67 1.72 -21.08	29.91 1.51 -2.78	37.17 1.70 -5.93	36.31 1.83 -2.63	37.23 1.56 -0.81	42.85 1.43 -4.31	42.01 1.52 0.00	48.39 1.44 -0.01	55.28 1.84 0.00	111.93 2.79 -30.54	65.00 1.78 -11.83	71.34 1.89 -20.22	47.02 1.58 -1.10	38.59 1.33 -1.75
CALPINE_BETH_PAGE_GT_4 323586	42.81 1.34 -10.86	28.69 1.28 -2.42	35.24 1.27 -11.02	20.81 1.15 -0.01	23.64 1.13 -2.74	27.49 1.08 -6.06	31.87 1.01 -6.42	42.17 1.44 -10.23	38.69 1.81 -1.07	42.57 1.88 -10.16	52.67 1.73 -21.08	29.91 1.51 -2.78	37.17 1.70 -5.93	36.31 1.83 -2.63	37.23 1.56 -0.81	42.85 1.43 -4.31	42.01 1.52 0.00	48.39 1.44 -0.01	55.28 1.84 0.00	111.93 2.78 -30.54	65.00 1.78 -11.83	71.34 1.89 -20.22	47.03 1.58 -1.10	38.59 1.33 -1.75
CALPINE_BP_GT1 23823	42.81 1.34 -10.86	28.69 1.28 -2.42	35.24 1.27 -11.02	20.81 1.15 -0.01	23.64 1.13 -2.74	27.49 1.08 -6.06	31.87 1.01 -6.42	42.17 1.44 -10.23	38.69 1.81 -1.07	42.57 1.88 -10.16	52.67 1.73 -21.08	29.91 1.51 -2.78	37.17 1.70 -5.93	36.31 1.83 -2.63	37.23 1.56 -0.81	42.85 1.43 -4.31	42.01 1.52 0.00	48.39 1.44 -0.01	55.28 1.84 0.00	111.93 2.78 -30.54	65.00 1.78 -11.83	71.34 1.89 -20.22	47.03 1.58 -1.10	38.59 1.33 -1.75
CALSPAN___DRP 24200	31.55 0.94 0.00	25.67 0.68 0.00	23.36 0.41 0.00	19.70 0.05 0.00	19.80 0.03 0.00	20.32 -0.03 0.00	24.17 -0.27 0.00	30.22 -0.27 0.00	36.32 0.52 0.00	31.04 0.51 0.00	30.51 0.65 0.00	26.16 0.54 0.00	30.12 0.58 0.00	32.58 0.73 0.00	35.90 1.05 0.00	38.02 0.91 0.00	41.54 1.06 0.00	48.41 1.47 0.00	54.93 1.50 0.00	80.79 2.18 0.00	52.88 1.49 0.00	50.41 1.17 0.00	45.69 1.34 0.00	36.71 1.20 0.00

CALVERTON___SOLAR 323806	40.95 1.66 -8.69	28.46 1.53 -1.94	33.39 1.62 -8.81	21.13 1.47 -0.01	23.40 1.44 -2.19	26.47 1.27 -4.85	30.54 0.96 -5.14	39.98 1.29 -8.18	38.29 1.63 -0.86	40.94 2.06 -8.36	48.71 1.84 -17.02	29.21 1.30 -2.29	35.64 1.36 -4.75	35.42 1.46 -2.11	36.93 1.26 -0.81	42.68 1.26 -4.31	41.96 1.47 0.00	48.25 1.29 -0.01	55.24 1.81 0.00	105.38 2.84 -23.93	62.63 1.81 -9.42	67.22 1.77 -16.22	46.64 1.41 -0.88	37.89 0.98 -1.41
CANDIGU_WT_PWR 323617	31.35 0.73 0.00	25.49 0.50 0.00	23.29 0.33 0.00	19.71 0.06 0.00	19.88 0.11 0.00	20.39 0.04 0.00	24.33 -0.11 0.00	30.43 -0.07 0.00	36.03 0.23 0.00	30.72 0.19 0.00	30.21 0.35 0.00	25.78 0.16 0.00	29.68 0.14 0.00	32.09 0.24 0.00	35.39 0.53 0.00	37.58 0.47 0.00	41.12 0.63 0.00	47.54 0.59 0.00	54.01 0.57 0.00	79.85 1.24 0.00	52.37 0.88 -0.10	50.13 0.62 -0.28	44.88 0.53 0.00	36.04 0.53 0.00
CARR STREET_E_SYR 24060	30.63 0.02 0.00	25.00 0.01 0.00	22.94 -0.01 0.00	19.60 -0.05 0.00	19.74 -0.03 0.00	20.25 -0.10 0.00	24.14 -0.30 0.00	30.09 -0.41 0.00	35.42 -0.38 0.00	30.23 -0.29 0.00	29.62 -0.24 0.00	25.41 -0.20 0.00	29.30 -0.24 0.00	31.61 -0.24 0.00	34.66 -0.20 0.00	36.86 -0.25 0.00	40.24 -0.25 0.00	46.63 -0.31 0.00	53.13 -0.30 0.00	78.19 -0.42 0.00	51.31 -0.32 -0.24	49.56 -0.31 -0.64	44.02 -0.33 0.00	35.30 -0.21 0.00
CARTHAGE___PAPER 23857	31.80 1.19 0.00	25.94 0.95 0.00	23.80 0.85 0.00	20.31 0.66 0.00	20.44 0.67 0.00	20.95 0.59 0.00	25.26 0.82 0.00	31.56 1.06 0.00	36.90 1.10 0.00	31.31 0.78 0.00	30.53 0.67 0.00	26.10 0.48 0.00	30.03 0.50 0.00	32.20 0.35 0.00	35.48 0.62 0.00	37.85 0.73 0.00	41.40 0.91 0.00	48.59 1.65 0.00	55.71 2.28 0.00	82.19 3.59 0.00	53.95 2.27 -0.29	52.62 2.64 -0.75	47.02 2.67 0.00	37.32 1.82 0.00
CASSADAGA_WT_PWR 323784	31.86 1.25 0.00	26.01 1.03 0.00	23.75 0.79 0.00	19.99 0.34 0.00	20.12 0.35 0.00	20.71 0.36 0.00	24.77 0.33 0.00	31.13 0.63 0.00	37.52 1.71 0.00	32.12 1.59 0.00	31.56 1.71 0.00	27.04 1.42 0.00	31.11 1.57 0.00	33.62 1.76 0.00	36.99 2.13 0.00	39.13 2.02 0.00	42.78 2.29 0.00	49.79 2.85 0.00	56.46 3.03 0.00	83.16 4.56 0.00	54.45 3.06 0.00	51.68 2.44 0.00	46.57 2.23 0.00	37.25 1.74 0.00
CE_DUNWOOD___DRP 24194	31.52 0.91 0.00	25.92 0.93 0.00	23.88 0.92 0.00	20.50 0.85 0.00	20.61 0.84 0.00	21.16 0.81 0.00	25.20 0.75 0.00	31.61 1.10 0.00	37.15 1.35 0.00	33.09 1.40 -1.17	32.01 1.41 -0.74	27.13 1.18 -0.33	30.89 1.35 0.00	33.35 1.46 -0.04	37.08 1.41 -0.81	42.70 1.28 -4.31	41.78 1.30 0.00	48.22 1.27 0.00	54.96 1.52 0.00	80.81 2.20 0.00	52.85 1.46 0.00	50.78 1.55 0.00	45.67 1.33 0.00	36.56 1.05 0.00
CE_MILLWOOD___DRP 24193	31.47 0.86 0.00	25.88 0.89 0.00	23.83 0.88 0.00	20.46 0.81 0.00	20.57 0.81 0.00	21.12 0.77 0.00	25.15 0.71 0.00	31.54 1.04 0.00	37.07 1.27 0.00	33.01 1.32 -1.16	31.94 1.33 -0.74	27.06 1.11 -0.33	30.81 1.27 0.00	33.27 1.37 -0.04	36.99 1.33 -0.80	42.61 1.21 -4.29	41.69 1.21 0.00	48.12 1.17 0.00	54.87 1.43 0.00	80.69 2.09 0.00	52.79 1.40 0.00	50.72 1.49 0.00	45.62 1.27 0.00	36.50 0.99 0.00
CE_NYC2_DRP 24202	31.59 0.99 0.00	26.03 1.05 0.00	23.98 1.03 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.26 0.91 0.00	25.31 0.87 0.00	31.77 1.26 0.00	37.38 1.58 0.00	33.33 1.63 -1.17	32.25 1.65 -0.74	27.35 1.40 -0.33	31.12 1.58 0.00	33.60 1.70 -0.04	37.36 1.69 -0.81	42.97 1.55 -4.31	42.03 1.54 0.00	48.36 1.41 0.00	55.05 1.61 0.00	80.93 2.33 0.00	52.94 1.55 0.00	50.86 1.63 0.00	45.78 1.44 0.00	36.63 1.12 0.00
CE_NYC_DRP 24195	31.63 1.02 0.00	26.02 1.03 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.68 0.92 0.00	21.25 0.90 0.00	25.32 0.87 0.00	31.76 1.26 0.00	37.36 1.56 0.00	33.32 1.62 -1.17	32.24 1.64 -0.74	27.33 1.38 -0.33	31.10 1.56 0.00	33.58 1.68 -0.04	37.32 1.65 -0.81	42.94 1.51 -4.31	42.01 1.52 0.00	48.39 1.45 0.00	55.10 1.67 0.00	80.99 2.39 0.00	52.97 1.58 0.00	50.89 1.65 0.00	45.78 1.44 0.00	36.63 1.13 0.00
CHAFFEE___LFGE 323603	31.67 1.06 0.00	25.78 0.79 0.00	23.45 0.50 0.00	19.77 0.12 0.00	19.91 0.14 0.00	20.44 0.08 0.00	24.27 -0.17 0.00	30.36 -0.14 0.00	36.50 0.70 0.00	31.20 0.67 0.00	30.67 0.80 0.00	26.28 0.67 0.00	30.25 0.72 0.00	32.73 0.89 0.00	36.08 1.22 0.00	38.19 1.08 0.00	41.75 1.26 0.00	48.61 1.66 0.00	55.17 1.74 0.00	81.15 2.55 0.00	53.11 1.72 0.00	50.64 1.41 0.00	45.85 1.50 0.00	36.84 1.33 0.00
CHATEAUG_35_KV_LOAD 355732	30.93 0.32 0.00	25.08 0.10 0.00	22.97 0.01 0.00	19.55 -0.10 0.00	19.64 -0.12 0.00	20.34 -0.01 0.00	24.85 0.41 0.00	31.09 0.59 0.00	36.59 0.79 0.00	31.13 0.61 0.00	30.40 0.54 0.00	26.11 0.49 0.00	30.13 0.59 0.00	32.57 0.72 0.00	35.64 0.79 0.00	38.09 0.98 0.00	41.64 1.15 0.00	48.34 1.39 0.00	54.68 1.24 0.00	80.40 1.80 0.00	52.69 1.30 0.00	50.25 1.02 0.00	45.04 0.70 0.00	36.03 0.52 0.00
CHATEAUG_WT_PWR 323614	30.92 0.31 0.00	25.09 0.10 0.00	22.98 0.03 0.00	19.57 -0.08 0.00	19.66 -0.10 0.00	20.35 0.00 0.00	24.82 0.38 0.00	31.10 0.60 0.00	36.60 0.79 0.00	31.14 0.61 0.00	30.41 0.55 0.00	26.12 0.50 0.00	30.15 0.61 0.00	32.59 0.74 0.00	35.66 0.81 0.00	38.10 0.99 0.00	41.65 1.17 0.00	48.37 1.43 0.00	54.71 1.28 0.00	80.37 1.76 0.00	52.61 1.22 0.00	50.16 0.92 0.00	44.95 0.60 0.00	35.99 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	30.93 0.32 0.00	25.08 0.10 0.00	22.97 0.01 0.00	19.55 -0.10 0.00	19.64 -0.12 0.00	20.34 -0.01 0.00	24.85 0.41 0.00	31.09 0.59 0.00	36.59 0.79 0.00	31.13 0.61 0.00	30.40 0.54 0.00	26.11 0.49 0.00	30.13 0.59 0.00	32.57 0.72 0.00	35.64 0.79 0.00	38.09 0.98 0.00	41.64 1.15 0.00	48.34 1.39 0.00	54.68 1.24 0.00	80.40 1.80 0.00	52.69 1.30 0.00	50.25 1.02 0.00	45.04 0.70 0.00	36.03 0.52 0.00
CHAUTAUQUA___LFGE 323629	31.71 1.10 0.00	25.86 0.87 0.00	23.56 0.61 0.00	19.86 0.20 0.00	19.99 0.21 0.00	20.55 0.19 0.00	24.48 0.04 0.00	30.70 0.20 0.00	36.96 1.15 0.00	31.62 1.09 0.00	31.06 1.20 0.00	26.62 1.00 0.00	30.63 1.09 0.00	33.09 1.23 0.00	36.42 1.56 0.00	38.55 1.43 0.00	42.16 1.67 0.00	49.11 2.17 0.00	55.71 2.27 0.00	82.01 3.41 0.00	53.74 2.35 0.00	51.13 1.90 0.00	46.21 1.87 0.00	37.03 1.52 0.00
CHERRYST_13_KV_LD 356241	31.72 1.10 0.00	26.09 1.10 0.00	24.03 1.08 0.00	20.63 0.98 0.00	20.74 0.97 0.00	21.31 0.96 0.00	25.39 0.95 0.00	31.86 1.36 0.00	37.50 1.70 0.00	33.45 1.75 -1.17	32.37 1.77 -0.74	27.44 1.49 -0.33	31.22 1.68 0.00	33.71 1.81 -0.04	37.46 1.79 -0.81	43.09 1.67 -4.31	42.18 1.69 0.00	48.57 1.63 0.00	55.30 1.87 0.00	81.23 2.63 0.00	53.14 1.75 0.00	51.03 1.80 0.00	45.92 1.57 0.00	36.73 1.22 0.00

CHESTROR_138KV_BK263 355645	31.29 0.67 0.00	25.70 0.71 0.00	23.66 0.71 0.00	20.30 0.65 0.00	20.42 0.64 0.00	20.95 0.60 0.00	24.95 0.52 0.00	31.32 0.82 0.00	36.80 1.00 0.00	32.63 1.05 -1.05	31.60 1.07 -0.67	26.80 0.88 -0.30	30.55 1.02 0.00	32.99 1.10 -0.04	36.66 1.08 -0.73	41.94 0.96 -3.87	41.44 0.95 0.00	47.87 0.93 0.00	54.61 1.18 0.00	80.38 1.78 0.00	52.60 1.21 0.00	50.55 1.31 0.00	45.44 1.10 0.00	36.36 0.85 0.00
CH_MIDHUDSON___DRP 24192	31.40 0.79 0.00	25.82 0.83 0.00	23.79 0.84 0.00	20.44 0.79 0.00	20.56 0.79 0.00	21.10 0.74 0.00	25.12 0.68 0.00	31.49 0.99 0.00	36.95 1.15 0.00	32.79 1.14 -1.12	31.72 1.15 -0.71	26.88 0.95 -0.32	30.63 1.10 0.00	33.07 1.17 -0.04	36.78 1.15 -0.78	42.31 1.05 -4.14	41.54 1.06 0.00	48.05 1.10 0.00	54.88 1.44 0.00	80.78 2.18 0.00	52.86 1.47 0.00	50.75 1.52 0.00	45.62 1.27 0.00	36.52 1.01 0.00
CH_MISC_IPPS 23765	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.87 0.00	21.18 0.83 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.38 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.33 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.88 0.00	45.92 1.58 0.00	36.73 1.22 0.00
CH_RES_BVR_FALLS 23983	30.57 -0.05 0.00	24.92 -0.07 0.00	22.86 -0.09 0.00	19.54 -0.11 0.00	19.64 -0.12 0.00	20.25 -0.10 0.00	24.45 0.01 0.00	30.60 0.11 0.00	35.94 0.13 0.00	30.63 0.10 0.00	29.94 0.08 0.00	25.69 0.08 0.00	29.63 0.09 0.00	31.95 0.09 0.00	34.97 0.11 0.00	37.26 0.15 0.00	40.68 0.19 0.00	47.16 0.22 0.00	53.55 0.11 0.00	78.65 0.05 0.00	51.35 -0.04 0.00	49.16 -0.07 0.00	44.34 0.00 0.00	35.50 -0.01 0.00
CH_RES_NIAGARA 23895	30.83 0.22 0.00	25.12 0.14 0.00	22.84 -0.11 0.00	19.25 -0.40 0.00	19.35 -0.42 0.00	19.82 -0.53 0.00	23.54 -0.90 0.00	29.31 -1.18 0.00	35.25 -0.55 0.00	30.09 -0.44 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.34 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
CH_RES_SYRACUSE 23985	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.85 0.07 0.00	20.37 0.01 0.00	24.28 -0.16 0.00	30.27 -0.22 0.00	35.60 -0.20 0.00	30.38 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.06 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.87 -0.08 0.00	53.44 0.00 0.00	78.65 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
CLINTON_WT_PWR 323605	30.92 0.31 0.00	25.09 0.10 0.00	22.98 0.03 0.00	19.57 -0.08 0.00	19.66 -0.10 0.00	20.35 0.00 0.00	24.82 0.38 0.00	31.10 0.60 0.00	36.60 0.79 0.00	31.14 0.61 0.00	30.41 0.55 0.00	26.12 0.50 0.00	30.15 0.61 0.00	32.59 0.74 0.00	35.66 0.81 0.00	38.10 0.99 0.00	41.65 1.17 0.00	48.37 1.43 0.00	54.71 1.28 0.00	80.37 1.76 0.00	52.61 1.22 0.00	50.16 0.92 0.00	44.95 0.60 0.00	35.99 0.48 0.00
CLINTON___LFGE 323618	31.32 0.71 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.89 0.12 0.00	20.57 0.22 0.00	25.11 0.67 0.00	31.43 0.93 0.00	36.96 1.16 0.00	31.43 0.90 0.00	30.66 0.80 0.00	26.33 0.71 0.00	30.42 0.88 0.00	32.93 1.07 0.00	36.01 1.15 0.00	38.60 1.49 0.00	42.23 1.75 0.00	49.07 2.13 0.00	55.51 2.07 0.00	81.65 3.05 0.00	53.46 2.07 0.00	50.96 1.72 0.00	45.54 1.20 0.00	36.49 0.98 0.00
COBBLENY_34_KV_TB1 80064	31.67 1.06 0.00	25.78 0.79 0.00	23.45 0.50 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.40 0.05 0.00	24.27 -0.17 0.00	30.36 -0.14 0.00	36.50 0.70 0.00	31.19 0.66 0.00	30.66 0.80 0.00	26.28 0.67 0.00	30.25 0.72 0.00	32.74 0.89 0.00	36.07 1.22 0.00	38.19 1.08 0.00	41.75 1.26 0.00	48.61 1.67 0.00	55.17 1.74 0.00	81.15 2.55 0.00	53.11 1.72 0.00	50.64 1.41 0.00	45.85 1.50 0.00	36.84 1.33 0.00
COFFEEN___115KV_TB3 355620	31.89 1.28 0.00	26.02 1.03 0.00	23.88 0.92 0.00	20.37 0.72 0.00	20.49 0.72 0.00	20.98 0.62 0.00	25.24 0.80 0.00	31.52 1.02 0.00	36.84 1.04 0.00	31.28 0.75 0.00	30.53 0.67 0.00	26.02 0.40 0.00	29.81 0.28 0.00	31.94 0.09 0.00	35.23 0.37 0.00	37.48 0.37 0.00	41.08 0.59 0.00	48.29 1.35 0.00	55.74 2.31 0.00	82.34 3.74 0.00	54.23 2.49 -0.35	53.05 2.90 -0.91	47.21 2.87 -0.01	37.45 1.94 0.00
COLDSPRG_115KV_BK1 355956	32.19 1.58 0.00	26.24 1.25 0.00	23.95 1.00 0.00	20.21 0.56 0.00	20.35 0.58 0.00	20.90 0.55 0.00	24.94 0.51 0.00	31.40 0.90 0.00	37.79 1.98 0.00	32.37 1.84 0.00	31.83 1.97 0.00	27.22 1.61 0.00	31.29 1.76 0.00	33.83 1.98 0.00	37.20 2.34 0.00	39.34 2.23 0.00	42.93 2.44 0.00	49.91 2.97 0.00	56.59 3.15 0.00	83.42 4.82 0.00	54.59 3.20 0.00	52.02 2.78 0.00	46.91 2.57 0.00	37.49 1.98 0.00
COLONIE_LFGE___ 323577	31.02 0.41 0.00	25.48 0.49 0.00	23.53 0.57 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.90 0.55 0.00	24.88 0.44 0.00	31.06 0.56 0.00	36.16 0.36 0.00	29.55 0.22 1.20	29.29 0.19 0.76	25.38 0.10 0.34	29.69 0.15 0.00	31.98 0.18 0.04	34.09 0.05 0.82	32.87 0.12 4.36	40.62 0.13 0.00	47.35 0.41 0.00	54.25 0.81 0.00	79.86 1.26 0.00	52.19 0.80 0.00	50.06 0.83 0.00	44.93 0.58 0.00	36.08 0.57 0.00
COOPERNY_115KV_TB1 80082	31.09 0.48 0.00	25.51 0.52 0.00	23.47 0.51 0.00	20.12 0.47 0.00	20.23 0.47 0.00	20.77 0.42 0.00	24.78 0.34 0.00	31.12 0.62 0.00	36.59 0.78 0.00	32.20 0.84 -0.83	31.25 0.86 -0.53	26.56 0.70 -0.23	30.34 0.81 0.00	32.74 0.86 -0.03	36.27 0.84 -0.57	40.88 0.72 -3.04	41.19 0.71 0.00	47.61 0.66 0.00	54.30 0.86 0.00	79.97 1.37 0.00	52.30 0.90 0.00	50.24 1.01 0.00	45.19 0.84 0.00	36.17 0.66 0.00
COPENHAGEN_WT_PWR 323753	31.54 0.93 0.00	25.78 0.79 0.00	23.68 0.73 0.00	20.21 0.56 0.00	20.32 0.55 0.00	20.76 0.41 0.00	24.95 0.51 0.00	31.19 0.69 0.00	36.52 0.72 0.00	31.04 0.51 0.00	30.33 0.47 0.00	25.90 0.28 0.00	29.74 0.21 0.00	31.91 0.06 0.00	35.14 0.29 0.00	37.37 0.26 0.00	40.89 0.40 0.00	47.89 0.95 0.00	55.03 1.59 0.00	81.29 2.69 0.00	53.25 1.49 -0.36	52.17 1.98 -0.96	46.55 2.20 -0.01	36.95 1.44 0.00
CORNELL_____ 23752	31.43 0.82 0.00	25.67 0.68 0.00	23.56 0.61 0.00	20.13 0.48 0.00	20.28 0.51 0.00	20.82 0.48 0.00	24.89 0.45 0.00	31.09 0.59 0.00	36.62 0.81 0.00	31.15 0.62 0.00	30.45 0.60 0.00	26.14 0.52 0.00	30.12 0.59 0.00	32.46 0.61 0.00	35.60 0.74 0.00	37.91 0.80 0.00	41.44 0.95 0.00	48.13 1.19 0.00	54.92 1.48 0.00	81.04 2.44 0.00	53.15 1.52 -0.24	51.28 1.41 -0.64	45.44 1.09 0.00	36.32 0.81 0.00

CORONA__69_KV_TB1 355595	47.33 1.34 -15.38	29.71 1.29 -3.43	39.82 1.26 -15.61	20.82 1.16 -0.02	24.78 1.12 -3.88	30.01 1.08 -8.59	34.56 1.03 -9.10	46.43 1.43 -14.49	39.14 1.81 -1.52	46.27 1.84 -13.90	61.11 1.69 -29.56	30.93 1.51 -3.80	39.64 1.70 -8.41	37.45 1.89 -3.71	37.48 1.82 -0.81	43.11 1.69 -4.31	42.25 1.77 0.00	48.66 1.70 -0.02	55.54 2.10 0.00	127.94 3.12 -46.22	70.75 2.07 -17.28	80.49 2.15 -29.10	47.79 1.86 -1.59	39.46 1.43 -2.52
CORTLAND__115KV_TB3 80093	31.15 0.54 0.00	25.42 0.43 0.00	23.33 0.38 0.00	19.93 0.28 0.00	20.07 0.30 0.00	20.59 0.24 0.00	24.61 0.17 0.00	30.74 0.24 0.00	36.18 0.37 0.00	30.83 0.30 0.00	30.16 0.30 0.00	25.86 0.25 0.00	29.81 0.28 0.00	32.17 0.31 0.00	35.26 0.41 0.00	37.54 0.43 0.00	41.03 0.54 0.00	47.58 0.63 0.00	54.26 0.82 0.00	79.99 1.38 0.00	52.47 0.83 -0.25	50.68 0.78 -0.66	44.91 0.57 0.00	35.96 0.45 0.00
COXSACKIE__GT 23611	31.62 1.02 0.00	25.92 0.93 0.00	23.89 0.94 0.00	20.58 0.93 0.00	20.71 0.95 0.00	21.26 0.91 0.00	25.40 0.96 0.00	31.66 1.15 0.00	36.63 0.83 0.00	30.73 0.47 0.26	30.08 0.39 0.17	25.94 0.39 0.07	29.92 0.39 0.00	32.25 0.41 0.01	35.14 0.46 0.18	36.71 0.52 0.93	41.64 1.15 0.00	48.60 1.65 0.00	55.88 2.44 0.00	82.23 3.63 0.00	53.80 2.41 0.00	51.52 2.29 0.00	46.09 1.74 0.00	36.83 1.32 0.00
CPV_VALLEY__CC1 323721	31.07 0.46 0.00	25.53 0.54 0.00	23.51 0.55 0.00	20.17 0.52 0.00	20.27 0.51 0.00	20.81 0.46 0.00	24.79 0.35 0.00	31.11 0.61 0.00	36.56 0.76 0.00	32.33 0.83 -0.97	31.34 0.86 -0.62	26.59 0.70 -0.27	30.34 0.81 0.00	32.76 0.87 -0.04	36.36 0.84 -0.67	41.38 0.70 -3.57	41.15 0.67 0.00	47.55 0.61 0.00	54.23 0.79 0.00	79.82 1.22 0.00	52.22 0.83 0.00	50.17 0.94 0.00	45.13 0.78 0.00	36.12 0.61 0.00
CPV_VALLEY__CC2 323722	31.07 0.46 0.00	25.53 0.54 0.00	23.51 0.55 0.00	20.17 0.52 0.00	20.27 0.51 0.00	20.81 0.46 0.00	24.79 0.35 0.00	31.11 0.61 0.00	36.56 0.76 0.00	32.33 0.83 -0.97	31.34 0.86 -0.62	26.59 0.70 -0.27	30.34 0.81 0.00	32.76 0.87 -0.04	36.36 0.84 -0.67	41.38 0.70 -3.57	41.15 0.67 0.00	47.55 0.61 0.00	54.23 0.79 0.00	79.82 1.22 0.00	52.22 0.83 0.00	50.17 0.94 0.00	45.13 0.78 0.00	36.12 0.61 0.00
CRESCENT__HYD 24018	31.02 0.41 0.00	25.48 0.49 0.00	23.53 0.57 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.90 0.55 0.00	24.88 0.44 0.00	31.06 0.56 0.00	36.16 0.36 0.00	29.55 0.22 1.20	29.29 0.19 0.76	25.38 0.10 0.34	29.69 0.15 0.00	31.98 0.18 0.04	34.09 0.05 0.82	32.87 0.12 4.36	40.62 0.13 0.00	47.35 0.41 0.00	54.25 0.81 0.00	79.86 1.26 0.00	52.19 0.80 0.00	50.06 0.83 0.00	44.93 0.58 0.00	36.08 0.57 0.00
CRICKET__VALLEY_CC1 323756	30.97 0.35 0.00	25.52 0.53 0.00	23.54 0.59 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.91 0.55 0.00	24.83 0.38 0.00	31.11 0.61 0.00	36.38 0.58 0.00	18.06 0.60 13.07	22.15 0.61 8.32	22.39 0.47 3.70	30.11 0.57 0.00	31.96 0.59 0.48	26.27 0.47 9.05	-10.73 0.36 48.20	40.79 0.31 0.00	47.27 0.33 0.00	54.11 0.67 0.00	79.61 1.01 0.00	52.13 0.74 0.00	50.06 0.82 0.00	44.99 0.65 0.00	36.07 0.56 0.00
CRICKET__VALLEY_CC2 323757	30.97 0.35 0.00	25.52 0.53 0.00	23.54 0.59 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.91 0.55 0.00	24.83 0.38 0.00	31.11 0.61 0.00	36.38 0.58 0.00	18.06 0.60 13.07	22.15 0.61 8.32	22.39 0.47 3.70	30.11 0.57 0.00	31.96 0.59 0.48	26.27 0.47 9.05	-10.73 0.36 48.20	40.79 0.31 0.00	47.27 0.33 0.00	54.11 0.67 0.00	79.61 1.01 0.00	52.13 0.74 0.00	50.06 0.82 0.00	44.99 0.65 0.00	36.07 0.56 0.00
CRICKET__VALLEY_CC3 323758	30.97 0.35 0.00	25.52 0.53 0.00	23.54 0.59 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.91 0.55 0.00	24.83 0.38 0.00	31.11 0.61 0.00	36.38 0.58 0.00	18.06 0.60 13.07	22.15 0.61 8.32	22.39 0.47 3.70	30.11 0.57 0.00	31.96 0.59 0.48	26.27 0.47 9.05	-10.73 0.36 48.20	40.79 0.31 0.00	47.27 0.33 0.00	54.11 0.67 0.00	79.61 1.01 0.00	52.13 0.74 0.00	50.06 0.82 0.00	44.99 0.65 0.00	36.07 0.56 0.00
CRUCIBLE_METL_DRP 24180	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
DAHOWA__HYDRO 323763	31.64 1.03 0.00	25.98 0.99 0.00	23.95 1.00 0.00	20.62 0.96 0.00	20.73 0.96 0.00	21.23 0.88 0.00	25.33 0.89 0.00	31.56 1.06 0.00	36.60 0.79 0.00	30.07 0.52 0.98	29.75 0.52 0.63	25.70 0.36 0.28	29.98 0.44 0.00	32.35 0.53 0.04	34.67 0.47 0.66	34.19 0.60 3.53	41.39 0.90 0.00	48.41 1.47 0.00	55.62 2.18 0.00	81.94 3.34 0.00	53.54 2.15 0.00	51.28 2.05 0.00	45.95 1.61 0.00	36.87 1.37 0.00
DANC__LFGE 323619	31.10 0.49 0.00	25.41 0.42 0.00	23.33 0.38 0.00	19.90 0.25 0.00	20.02 0.25 0.00	20.49 0.14 0.00	24.54 0.10 0.00	30.64 0.15 0.00	35.93 0.13 0.00	30.59 0.06 0.00	29.92 0.06 0.00	25.60 -0.02 0.00	29.43 -0.11 0.00	31.64 -0.21 0.00	34.78 -0.08 0.00	36.97 -0.14 0.00	40.41 -0.07 0.00	47.18 0.24 0.00	54.07 0.63 0.00	79.77 1.16 0.00	52.45 0.60 -0.46	51.39 0.95 -1.20	45.45 1.09 -0.01	36.21 0.70 0.00
DANSKAMMER__1 23586	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.87 0.00	21.18 0.83 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.38 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.33 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.88 0.00	45.92 1.58 0.00	36.73 1.22 0.00
DANSKAMMER__2 23589	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.87 0.00	21.18 0.83 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.38 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.33 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.88 0.00	45.92 1.58 0.00	36.73 1.22 0.00
DANSKAMMER__3 23590	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.87 0.00	21.18 0.83 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.38 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.33 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.88 0.00	45.92 1.58 0.00	36.73 1.22 0.00

DANSKAMMER___4 23591	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.87 0.00	21.18 0.83 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.38 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.33 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.88 0.00	45.92 1.58 0.00	36.73 1.22 0.00
DANSKAMMER___DIESEL 23592	31.59 0.99 0.00	25.96 0.97 0.00	23.91 0.95 0.00	20.53 0.88 0.00	20.64 0.88 0.00	21.19 0.84 0.00	25.24 0.80 0.00	31.67 1.17 0.00	37.20 1.39 0.00	32.98 1.36 -1.09	31.93 1.37 -0.69	27.07 1.14 -0.31	30.85 1.31 0.00	33.32 1.43 -0.04	37.05 1.44 -0.76	42.51 1.36 -4.04	41.88 1.39 0.00	48.42 1.48 0.00	55.29 1.86 0.00	81.40 2.80 0.00	53.24 1.85 0.00	51.12 1.89 0.00	45.92 1.58 0.00	36.73 1.22 0.00
DARBY___SOLAR 323810	31.56 0.95 0.00	25.91 0.93 0.00	23.90 0.95 0.00	20.56 0.91 0.00	20.67 0.91 0.00	21.17 0.83 0.00	25.26 0.82 0.00	31.48 0.98 0.00	36.52 0.72 0.00	29.96 0.46 1.02	29.65 0.44 0.65	25.63 0.30 0.29	29.92 0.38 0.00	32.27 0.46 0.04	34.57 0.40 0.69	33.94 0.51 3.67	41.25 0.76 0.00	48.21 1.27 0.00	55.38 1.94 0.00	81.56 2.96 0.00	53.30 1.90 0.00	51.06 1.83 0.00	45.78 1.44 0.00	36.74 1.23 0.00
DASHVILLE___HYD 23610	31.34 0.73 0.00	25.75 0.76 0.00	23.71 0.76 0.00	20.37 0.71 0.00	20.48 0.71 0.00	21.01 0.66 0.00	25.04 0.60 0.00	31.41 0.91 0.00	36.87 1.07 0.00	32.32 1.10 -0.69	31.44 1.14 -0.44	26.75 0.94 -0.20	30.58 1.05 0.00	32.96 1.08 -0.03	36.46 1.12 -0.49	40.72 1.04 -2.57	41.44 0.95 0.00	47.93 0.99 0.00	54.72 1.29 0.00	80.61 2.01 0.00	52.72 1.33 0.00	50.62 1.39 0.00	45.50 1.16 0.00	36.43 0.92 0.00
DELAWARE___LFGE 323621	31.31 0.69 0.00	25.61 0.62 0.00	23.53 0.58 0.00	20.16 0.51 0.00	20.28 0.52 0.00	20.82 0.47 0.00	24.89 0.45 0.00	31.16 0.66 0.00	36.50 0.70 0.00	31.47 0.66 -0.28	30.73 0.69 -0.18	26.26 0.56 -0.08	30.17 0.63 0.00	32.56 0.71 -0.01	35.90 0.92 -0.13	38.66 0.86 -0.69	41.37 0.88 0.00	47.86 0.92 0.00	54.57 1.13 0.00	80.43 1.83 0.00	52.62 1.14 -0.09	50.60 1.14 -0.23	45.29 0.94 0.00	36.24 0.72 0.00
DERFIELD_115KV_TB7 355931	30.62 0.00 0.00	25.03 0.05 0.00	23.01 0.06 0.00	19.73 0.08 0.00	19.84 0.07 0.00	20.39 0.03 0.00	24.41 -0.03 0.00	30.46 -0.04 0.00	35.70 -0.10 0.00	30.45 -0.08 0.00	29.78 -0.08 0.00	25.54 -0.08 0.00	29.45 -0.09 0.00	31.75 -0.10 0.00	34.73 -0.13 0.00	36.98 -0.13 0.00	40.35 -0.13 0.00	46.77 -0.17 0.00	53.33 -0.11 0.00	78.46 -0.14 0.00	51.26 -0.13 0.00	49.14 -0.10 0.00	44.26 -0.08 0.00	35.48 -0.03 0.00
DOGLEVILLE___HYD 23807	30.30 -0.31 0.00	24.91 -0.08 0.00	23.03 0.08 0.00	19.84 0.19 0.00	19.97 0.20 0.00	20.51 0.15 0.00	24.33 -0.11 0.00	30.27 -0.22 0.00	34.93 -0.87 0.00	29.49 -1.03 0.00	28.69 -1.16 0.00	24.64 -0.98 0.00	28.38 -1.15 0.00	30.66 -1.19 0.00	33.41 -1.45 0.00	35.88 -1.23 0.00	39.51 -0.98 0.00	46.24 -0.70 0.00	53.23 -0.20 0.00	78.66 0.05 0.00	51.29 -0.10 0.00	49.09 -0.15 0.00	44.00 -0.35 0.00	35.30 -0.21 0.00
DUNKIRK___115KV_TB_200 55889	31.68 1.07 0.00	25.83 0.85 0.00	23.54 0.59 0.00	19.84 0.19 0.00	19.94 0.16 0.00	20.48 0.13 0.00	24.44 0.00 0.00	30.63 0.13 0.00	36.86 1.06 0.00	31.52 1.00 0.00	30.98 1.12 0.00	26.56 0.94 0.00	30.56 1.02 0.00	33.02 1.17 0.00	36.34 1.49 0.00	38.46 1.35 0.00	42.08 1.59 0.00	49.01 2.07 0.00	55.61 2.17 0.00	81.85 3.25 0.00	53.62 2.23 0.00	51.04 1.81 0.00	46.14 1.80 0.00	36.98 1.47 0.00
DUNKIRK___1 23563	31.68 1.07 0.00	25.83 0.85 0.00	23.54 0.59 0.00	19.84 0.19 0.00	19.94 0.16 0.00	20.48 0.13 0.00	24.44 0.00 0.00	30.63 0.13 0.00	36.86 1.06 0.00	31.52 1.00 0.00	30.98 1.12 0.00	26.56 0.94 0.00	30.56 1.02 0.00	33.02 1.17 0.00	36.34 1.49 0.00	38.46 1.35 0.00	42.08 1.59 0.00	49.01 2.07 0.00	55.61 2.17 0.00	81.85 3.25 0.00	53.62 2.23 0.00	51.04 1.81 0.00	46.14 1.80 0.00	36.98 1.47 0.00
DUNKIRK___2 23564	31.68 1.07 0.00	25.83 0.85 0.00	23.54 0.59 0.00	19.84 0.19 0.00	19.94 0.16 0.00	20.48 0.13 0.00	24.44 0.00 0.00	30.63 0.13 0.00	36.86 1.06 0.00	31.52 1.00 0.00	30.98 1.12 0.00	26.56 0.94 0.00	30.56 1.02 0.00	33.02 1.17 0.00	36.34 1.49 0.00	38.46 1.35 0.00	42.08 1.59 0.00	49.01 2.07 0.00	55.61 2.17 0.00	81.85 3.25 0.00	53.62 2.23 0.00	51.04 1.81 0.00	46.14 1.80 0.00	36.98 1.47 0.00
DUNKIRK___3 23565	31.61 1.00 0.00	25.76 0.77 0.00	23.46 0.51 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.42 0.06 0.00	24.33 -0.11 0.00	30.47 -0.03 0.00	36.66 0.86 0.00	31.34 0.81 0.00	30.80 0.94 0.00	26.41 0.79 0.00	30.38 0.85 0.00	32.84 1.00 0.00	36.17 1.31 0.00	38.29 1.18 0.00	41.86 1.38 0.00	48.77 1.82 0.00	55.32 1.88 0.00	81.41 2.81 0.00	53.31 1.92 0.00	50.79 1.56 0.00	45.95 1.61 0.00	36.86 1.35 0.00
DUNKIRK___4 23566	31.61 1.00 0.00	25.76 0.77 0.00	23.46 0.51 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.42 0.06 0.00	24.33 -0.11 0.00	30.47 -0.03 0.00	36.66 0.86 0.00	31.34 0.81 0.00	30.80 0.94 0.00	26.41 0.79 0.00	30.38 0.85 0.00	32.84 1.00 0.00	36.17 1.31 0.00	38.29 1.18 0.00	41.86 1.38 0.00	48.77 1.82 0.00	55.32 1.88 0.00	81.41 2.81 0.00	53.31 1.92 0.00	50.79 1.56 0.00	45.95 1.61 0.00	36.86 1.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.59 0.99 0.00	25.98 0.99 0.00	23.94 0.99 0.00	20.55 0.90 0.00	20.66 0.89 0.00	21.21 0.86 0.00	25.25 0.81 0.00	31.67 1.17 0.00	37.24 1.44 0.00	33.17 1.48 -1.17	32.10 1.49 -0.74	27.20 1.25 -0.33	30.96 1.43 0.00	33.43 1.54 -0.04	37.16 1.50 -0.81	42.80 1.38 -4.31	41.87 1.38 0.00	48.30 1.36 0.00	55.02 1.59 0.00	80.90 2.29 0.00	52.92 1.52 0.00	50.83 1.60 0.00	45.75 1.40 0.00	36.61 1.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.43 0.82 0.00	25.82 0.83 0.00	23.77 0.82 0.00	20.40 0.75 0.00	20.52 0.75 0.00	21.06 0.70 0.00	25.08 0.64 0.00	31.47 0.97 0.00	36.99 1.18 0.00	32.78 1.21 -1.04	31.75 1.22 -0.67	26.92 1.01 -0.30	30.70 1.16 0.00	33.14 1.25 -0.04	36.83 1.25 -0.72	42.11 1.14 -3.85	41.63 1.15 0.00	48.12 1.18 0.00	54.91 1.47 0.00	80.84 2.23 0.00	52.89 1.49 0.00	50.80 1.56 0.00	45.66 1.31 0.00	36.53 1.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.58 0.97 0.00	26.07 1.08 0.00	23.99 1.04 0.00	20.57 0.92 0.00	20.64 0.88 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.75 1.25 0.00	37.37 1.57 0.00	33.29 1.59 -1.17	32.22 1.61 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.46 -4.31	41.97 1.48 0.00	48.32 1.38 0.00	55.10 1.66 0.00	81.05 2.45 0.00	52.99 1.60 0.00	50.92 1.69 0.00	45.88 1.53 0.00	36.66 1.15 0.00

E179THST_13_KV_LOAD 356214	31.71 1.10 0.00	26.16 1.18 0.00	24.07 1.12 0.00	20.65 1.00 0.00	20.71 0.95 0.00	21.31 0.96 0.00	25.40 0.96 0.00	31.90 1.40 0.00	37.54 1.74 0.00	33.44 1.74 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.23 1.69 0.00	33.71 1.81 -0.04	37.48 1.82 -0.81	43.07 1.65 -4.31	42.17 1.69 0.00	48.57 1.63 0.00	55.37 1.94 0.00	81.45 2.85 0.00	53.26 1.87 0.00	51.17 1.94 0.00	46.11 1.77 0.00	36.83 1.32 0.00
EAST HAMPTON___GT 23717	41.85 2.55 -8.69	29.30 2.37 -1.94	34.20 2.43 -8.82	21.66 2.00 -0.01	23.93 1.97 -2.19	26.92 1.71 -4.85	30.86 1.29 -5.14	40.48 1.79 -8.19	38.71 2.05 -0.86	41.22 2.33 -8.36	49.17 2.29 -17.02	29.43 1.52 -2.29	35.52 1.23 -4.75	35.41 1.45 -2.12	37.16 1.49 -0.81	43.05 1.63 -4.31	42.61 2.12 0.00	49.16 2.21 -0.01	56.43 2.99 0.00	107.04 4.50 -23.94	63.74 2.92 -9.43	68.08 2.63 -16.22	46.87 1.64 -0.88	38.09 1.17 -1.41
EAST RIVER___6 23660	31.62 1.01 0.00	26.01 1.02 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.24 0.89 0.00	25.32 0.88 0.00	31.75 1.25 0.00	37.36 1.56 0.00	33.32 1.63 -1.17	32.25 1.65 -0.74	27.34 1.40 -0.33	31.11 1.57 0.00	33.59 1.69 -0.04	37.32 1.65 -0.81	42.95 1.52 -4.31	42.01 1.53 0.00	48.37 1.43 0.00	55.07 1.63 0.00	80.88 2.28 0.00	52.96 1.56 0.00	50.86 1.63 0.00	45.78 1.43 0.00	36.64 1.13 0.00
EAST RIVER___7 23524	31.62 1.01 0.00	26.01 1.02 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.24 0.89 0.00	25.32 0.88 0.00	31.75 1.25 0.00	37.36 1.56 0.00	33.32 1.63 -1.17	32.25 1.65 -0.74	27.34 1.40 -0.33	31.11 1.57 0.00	33.59 1.69 -0.04	37.32 1.65 -0.81	42.95 1.52 -4.31	42.01 1.53 0.00	48.37 1.43 0.00	55.07 1.63 0.00	80.88 2.28 0.00	52.96 1.56 0.00	50.86 1.63 0.00	45.78 1.43 0.00	36.64 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.52 0.91 0.00	25.92 0.93 0.00	23.88 0.92 0.00	20.50 0.85 0.00	20.61 0.84 0.00	21.16 0.81 0.00	25.20 0.75 0.00	31.61 1.10 0.00	37.15 1.35 0.00	33.09 1.40 -1.17	32.01 1.41 -0.74	27.13 1.18 -0.33	30.89 1.35 0.00	33.35 1.46 -0.04	37.08 1.41 -0.81	42.70 1.28 -4.31	41.78 1.30 0.00	48.22 1.27 0.00	54.96 1.52 0.00	80.81 2.20 0.00	52.85 1.46 0.00	50.78 1.55 0.00	45.67 1.33 0.00	36.56 1.05 0.00
EAST_HAMPTON___DIESEL 23722	41.85 2.55 -8.69	29.30 2.37 -1.94	34.21 2.43 -8.82	21.65 1.99 -0.01	23.93 1.97 -2.19	26.90 1.70 -4.85	30.83 1.26 -5.14	40.44 1.76 -8.19	38.65 1.99 -0.86	41.16 2.27 -8.36	49.12 2.24 -17.02	29.38 1.47 -2.29	35.45 1.16 -4.75	35.35 1.38 -2.12	37.09 1.42 -0.81	42.99 1.57 -4.31	42.55 2.06 0.00	49.10 2.15 -0.01	56.37 2.93 0.00	106.94 4.40 -23.94	63.69 2.87 -9.43	68.02 2.57 -16.22	46.78 1.56 -0.88	38.03 1.11 -1.41
EAST_POINT___SOLAR 323840	32.60 1.99 0.00	26.48 1.50 0.00	24.29 1.34 0.00	20.73 1.08 0.00	20.85 1.09 0.00	21.52 1.16 0.00	25.55 1.11 0.00	31.67 1.17 0.00	37.46 1.66 0.00	30.69 0.84 0.69	29.95 0.53 0.44	26.04 0.61 0.19	30.21 0.67 0.00	32.67 0.83 0.02	35.25 0.77 0.38	36.52 1.41 2.00	42.57 2.08 0.00	50.06 3.11 0.00	57.20 3.76 0.00	84.24 5.64 0.00	55.09 3.70 0.00	52.70 3.47 0.00	47.48 3.13 0.00	37.73 2.22 0.00
EAST_PULASKI___ESR 323781	30.69 0.08 0.00	25.06 0.07 0.00	23.00 0.05 0.00	19.64 -0.01 0.00	19.76 0.00 0.00	20.26 -0.09 0.00	24.18 -0.26 0.00	30.15 -0.35 0.00	35.40 -0.40 0.00	30.18 -0.35 0.00	29.56 -0.31 0.00	25.32 -0.29 0.00	29.14 -0.40 0.00	31.39 -0.46 0.00	34.44 -0.42 0.00	36.63 -0.48 0.00	40.02 -0.46 0.00	46.56 -0.38 0.00	53.19 -0.24 0.00	78.37 -0.23 0.00	51.86 -0.20 -0.67	50.96 -0.04 -1.77	44.39 0.04 -0.01	35.50 -0.01 0.00
EAST_RIVER___1 323558	31.63 1.02 0.00	26.02 1.03 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.24 0.89 0.00	25.31 0.87 0.00	31.76 1.26 0.00	37.36 1.56 0.00	33.31 1.62 -1.17	32.25 1.64 -0.74	27.33 1.38 -0.33	31.10 1.56 0.00	33.58 1.68 -0.04	37.32 1.66 -0.81	42.94 1.52 -4.31	42.01 1.53 0.00	48.39 1.45 0.00	55.10 1.67 0.00	80.98 2.38 0.00	52.96 1.57 0.00	50.88 1.65 0.00	45.78 1.44 0.00	36.63 1.13 0.00
EAST_RIVER___2 323559	31.62 1.01 0.00	26.01 1.02 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.24 0.89 0.00	25.32 0.88 0.00	31.75 1.25 0.00	37.36 1.56 0.00	33.32 1.63 -1.17	32.25 1.65 -0.74	27.34 1.40 -0.33	31.11 1.57 0.00	33.59 1.69 -0.04	37.32 1.65 -0.81	42.95 1.52 -4.31	42.01 1.53 0.00	48.37 1.43 0.00	55.07 1.63 0.00	80.88 2.28 0.00	52.96 1.56 0.00	50.86 1.63 0.00	45.78 1.43 0.00	36.64 1.13 0.00
EAST___DELAWARE_HYD 23607	30.80 0.19 0.00	25.28 0.29 0.00	23.26 0.31 0.00	19.96 0.31 0.00	20.07 0.30 0.00	20.60 0.25 0.00	24.58 0.14 0.00	30.87 0.37 0.00	36.28 0.48 0.00	31.99 0.59 -0.87	31.02 0.60 -0.56	26.34 0.47 -0.25	29.97 0.43 0.00	31.44 -0.45 -0.03	34.84 -0.63 -0.61	39.53 -0.81 -3.23	39.53 -0.96 0.00	45.71 -1.24 0.00	52.37 -1.06 0.00	78.97 0.37 0.00	51.67 0.28 0.00	49.62 0.38 0.00	44.56 0.21 0.00	35.61 0.10 0.00
EIGHT_POINT___WT_PWR 323820	31.70 1.09 0.00	25.80 0.81 0.00	23.54 0.59 0.00	19.90 0.24 0.00	20.09 0.32 0.00	20.63 0.27 0.00	24.63 0.19 0.00	30.84 0.34 0.00	36.53 0.73 0.00	31.13 0.60 0.00	30.62 0.76 0.00	26.07 0.45 0.00	29.99 0.45 0.00	32.43 0.57 0.00	35.75 0.89 0.00	37.95 0.83 0.00	41.54 1.06 0.00	48.09 1.14 0.00	54.76 1.33 0.00	81.02 2.42 0.00	53.04 1.55 -0.10	50.68 1.17 -0.27	45.42 1.07 0.00	36.43 0.92 0.00
ELBRIDGE_115KV_TB2 80188	30.67 0.06 0.00	25.01 0.02 0.00	22.98 0.03 0.00	19.63 -0.02 0.00	19.76 -0.01 0.00	20.28 -0.07 0.00	24.18 -0.25 0.00	30.15 -0.35 0.00	35.44 -0.36 0.00	30.23 -0.30 0.00	29.59 -0.27 0.00	25.39 -0.23 0.00	29.27 -0.26 0.00	31.59 -0.26 0.00	34.64 -0.22 0.00	36.86 -0.25 0.00	40.21 -0.28 0.00	46.65 -0.30 0.00	53.14 -0.29 0.00	78.33 -0.28 0.00	51.63 -0.23 -0.47	50.24 -0.22 -1.22	44.11 -0.24 -0.01	35.32 -0.19 0.00
ELEC_TRO_TEK 24086	47.37 1.20 -15.56	29.63 1.17 -3.47	39.91 1.16 -15.79	20.73 1.06 -0.02	24.74 1.04 -3.93	30.04 1.00 -8.69	34.57 0.93 -9.20	46.49 1.32 -14.66	38.99 1.65 -1.54	46.29 1.71 -14.05	61.34 1.59 -29.90	30.85 1.39 -3.84	39.61 1.57 -8.51	37.31 1.71 -3.75	37.27 1.61 -0.81	42.90 1.48 -4.31	42.03 1.54 0.00	48.41 1.45 -0.02	55.23 1.79 0.00	125.55 2.66 -44.29	70.04 1.75 -16.90	79.79 1.86 -28.71	47.47 1.57 -1.57	39.22 1.22 -2.49
ELLENBURG_WT_PWR 323604	30.92 0.31 0.00	25.09 0.10 0.00	22.98 0.03 0.00	19.57 -0.08 0.00	19.66 -0.10 0.00	20.35 0.00 0.00	24.82 0.38 0.00	31.10 0.60 0.00	36.60 0.79 0.00	31.14 0.61 0.00	30.41 0.55 0.00	26.12 0.50 0.00	30.15 0.61 0.00	32.59 0.74 0.00	35.66 0.81 0.00	38.10 0.99 0.00	41.65 1.17 0.00	48.37 1.43 0.00	54.71 1.28 0.00	80.37 1.76 0.00	52.61 1.22 0.00	50.16 0.92 0.00	44.95 0.60 0.00	35.99 0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.44 0.83 0.00	25.59 0.60 0.00	23.29 0.33 0.00	19.64 -0.01 0.00	19.74 -0.03 0.00	20.24 -0.11 0.00	24.08 -0.36 0.00	30.09 -0.41 0.00	36.16 0.36 0.00	30.91 0.38 0.00	30.38 0.52 0.00	26.06 0.44 0.00	29.98 0.44 0.00	32.43 0.58 0.00	35.75 0.89 0.00	37.84 0.73 0.00	41.34 0.86 0.00	48.19 1.24 0.00	54.65 1.21 0.00	80.32 1.72 0.00	52.57 1.18 0.00	50.11 0.88 0.00	45.47 1.13 0.00	36.56 1.05 0.00
EMPIRE_CC_1 323656	30.58 -0.03 0.00	25.18 0.19 0.00	23.26 0.31 0.00	20.04 0.39 0.00	20.15 0.38 0.00	20.65 0.30 0.00	24.55 0.11 0.00	30.64 0.14 0.00	35.70 -0.10 0.00	28.87 -0.11 1.54	28.72 -0.16 0.98	25.00 -0.18 0.44	29.34 -0.20 0.00	31.58 -0.22 0.06	33.42 -0.38 1.06	31.07 -0.39 5.65	39.93 -0.56 0.00	46.42 -0.53 0.00	53.12 -0.31 0.00	78.19 -0.41 0.00	51.13 -0.26 0.00	49.11 -0.12 0.00	44.15 -0.19 0.00	35.50 -0.01 0.00
EMPIRE_CC_2 323658	30.58 -0.03 0.00	25.18 0.19 0.00	23.26 0.31 0.00	20.04 0.39 0.00	20.15 0.38 0.00	20.65 0.30 0.00	24.55 0.11 0.00	30.64 0.14 0.00	35.70 -0.10 0.00	28.87 -0.11 1.54	28.72 -0.16 0.98	25.00 -0.18 0.44	29.34 -0.20 0.00	31.58 -0.22 0.06	33.42 -0.38 1.06	31.07 -0.39 5.65	39.93 -0.56 0.00	46.42 -0.53 0.00	53.12 -0.31 0.00	78.19 -0.41 0.00	51.13 -0.26 0.00	49.11 -0.12 0.00	44.15 -0.19 0.00	35.50 -0.01 0.00
ENORWICH_115KV_TB1 80156	32.78 2.17 0.00	26.73 1.75 0.00	24.46 1.50 0.00	20.89 1.24 0.00	21.07 1.30 0.00	21.70 1.35 0.00	25.99 1.55 0.00	32.57 2.07 0.00	38.36 2.56 0.00	32.73 2.02 -0.19	31.88 1.90 -0.12	27.20 1.53 -0.05	31.29 1.76 0.00	33.77 1.92 0.00	37.17 2.32 0.00	39.51 2.40 0.00	43.23 2.75 0.00	50.26 3.32 0.00	57.41 3.98 0.00	85.04 6.44 0.00	55.60 4.02 -0.18	53.12 3.40 -0.48	46.70 2.36 0.00	37.14 1.63 0.00
ERIE_ST__34_KV_TB1-2 80199	31.62 1.02 0.00	25.72 0.74 0.00	23.41 0.46 0.00	19.75 0.10 0.00	19.86 0.09 0.00	20.37 0.01 0.00	24.23 -0.21 0.00	30.35 -0.15 0.00	36.48 0.68 0.00	31.27 0.75 0.00	30.76 0.90 0.00	26.37 0.75 0.00	30.35 0.82 0.00	32.83 0.98 0.00	36.18 1.32 0.00	38.34 1.23 0.00	41.90 1.42 0.00	48.87 1.93 0.00	55.50 2.06 0.00	81.70 3.10 0.00	53.42 2.02 0.00	50.87 1.64 0.00	46.03 1.69 0.00	36.92 1.41 0.00
ERIE_WT_PWR 323693	31.56 0.95 0.00	25.68 0.69 0.00	23.37 0.41 0.00	19.70 0.05 0.00	19.83 0.06 0.00	20.36 0.01 0.00	24.18 -0.26 0.00	30.24 -0.26 0.00	36.34 0.54 0.00	31.07 0.54 0.00	30.53 0.67 0.00	26.16 0.54 0.00	30.13 0.59 0.00	32.59 0.74 0.00	35.94 1.08 0.00	38.04 0.93 0.00	41.56 1.08 0.00	48.41 1.47 0.00	54.97 1.53 0.00	80.81 2.21 0.00	52.91 1.52 0.00	50.44 1.21 0.00	45.71 1.37 0.00	36.73 1.22 0.00
ESPRGFLD_115KV_TB1 80157	32.31 1.70 0.00	26.28 1.29 0.00	24.03 1.08 0.00	20.46 0.81 0.00	20.58 0.81 0.00	21.21 0.86 0.00	25.53 1.08 0.00	32.09 1.59 0.00	38.98 3.17 0.00	32.46 2.61 0.69	31.87 2.45 0.44	27.51 2.09 0.19	32.01 2.48 0.00	34.38 2.54 0.01	36.74 2.10 0.21	38.21 2.20 1.11	42.88 2.39 0.00	49.72 2.78 0.00	56.46 3.02 0.00	83.18 4.57 0.00	54.30 2.91 0.00	51.92 2.69 0.00	46.82 2.48 0.00	37.30 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.38 0.77 0.00	25.60 0.61 0.00	23.51 0.55 0.00	20.08 0.43 0.00	20.23 0.46 0.00	20.77 0.42 0.00	24.82 0.38 0.00	31.00 0.51 0.00	36.49 0.69 0.00	31.06 0.53 0.00	30.36 0.50 0.00	26.05 0.43 0.00	30.03 0.49 0.00	32.37 0.52 0.00	35.51 0.65 0.00	37.81 0.70 0.00	41.31 0.82 0.00	47.97 1.03 0.00	54.74 1.30 0.00	80.80 2.19 0.00	53.00 1.36 -0.25	51.14 1.25 -0.66	45.30 0.95 0.00	36.22 0.71 0.00
ETNA____115KV_TB2 80207	31.38 0.77 0.00	25.60 0.61 0.00	23.51 0.55 0.00	20.08 0.43 0.00	20.23 0.46 0.00	20.77 0.42 0.00	24.82 0.38 0.00	31.00 0.51 0.00	36.49 0.69 0.00	31.06 0.53 0.00	30.36 0.50 0.00	26.05 0.43 0.00	30.03 0.49 0.00	32.37 0.52 0.00	35.51 0.65 0.00	37.81 0.70 0.00	41.31 0.82 0.00	47.97 1.03 0.00	54.74 1.30 0.00	80.80 2.19 0.00	53.00 1.36 -0.25	51.14 1.25 -0.66	45.30 0.95 0.00	36.22 0.71 0.00
EUCLID____115KV_TB2 356179	30.48 -0.13 0.00	24.88 -0.11 0.00	22.84 -0.12 0.00	19.52 -0.13 0.00	19.64 -0.12 0.00	20.15 -0.20 0.00	24.01 -0.42 0.00	29.94 -0.57 0.00	35.23 -0.58 0.00	30.06 -0.47 0.00	29.45 -0.41 0.00	25.27 -0.35 0.00	29.13 -0.41 0.00	31.42 -0.43 0.00	34.44 -0.42 0.00	36.63 -0.48 0.00	39.98 -0.51 0.00	46.34 -0.61 0.00	52.80 -0.63 0.00	77.71 -0.89 0.00	50.97 -0.63 -0.21	49.17 -0.61 -0.54	43.77 -0.57 0.00	35.12 -0.39 0.00
E_CANADA_CAP_HY 24051	32.54 1.93 0.00	26.44 1.46 0.00	24.19 1.23 0.00	20.59 0.94 0.00	20.70 0.93 0.00	21.36 1.01 0.00	25.68 1.24 0.00	32.13 1.63 0.00	38.30 2.50 0.00	31.74 1.90 0.69	31.15 1.73 0.44	26.92 1.49 0.19	31.31 1.77 0.00	33.71 1.88 0.02	36.31 1.79 0.33	37.41 2.08 1.77	42.83 2.34 0.00	49.91 2.96 0.00	56.79 3.36 0.00	83.54 4.94 0.00	54.56 3.17 0.00	52.18 2.95 0.00	47.21 2.87 0.00	37.63 2.12 0.00
E_CANADA_MHWK_HY 24050	30.30 -0.31 0.00	24.91 -0.08 0.00	23.03 0.08 0.00	19.84 0.19 0.00	19.97 0.20 0.00	20.51 0.15 0.00	24.33 -0.11 0.00	30.27 -0.22 0.00	34.93 -0.87 0.00	29.49 -1.03 0.00	28.69 -1.16 0.00	24.64 -0.98 0.00	28.38 -1.15 0.00	30.66 -1.19 0.00	33.41 -1.45 0.00	35.88 -1.23 0.00	39.51 -0.98 0.00	46.24 -0.70 0.00	53.23 -0.20 0.00	78.66 0.05 0.00	51.29 -0.10 0.00	49.09 -0.15 0.00	44.00 -0.35 0.00	35.30 -0.21 0.00
E_FISHKILL__LBMP 23776	31.25 0.64 0.00	25.70 0.71 0.00	23.69 0.73 0.00	20.35 0.70 0.00	20.47 0.70 0.00	21.00 0.65 0.00	24.99 0.55 0.00	31.33 0.83 0.00	36.76 0.96 0.00	32.71 0.99 -1.19	31.61 0.99 -0.76	26.77 0.82 -0.34	30.48 0.95 0.00	32.90 1.00 -0.04	36.63 0.94 -0.83	42.34 0.83 -4.41	41.29 0.81 0.00	47.73 0.78 0.00	54.50 1.06 0.00	80.27 1.67 0.00	52.51 1.12 0.00	50.45 1.22 0.00	45.36 1.02 0.00	36.34 0.82 0.00
FALCON__SEABRD_CC1 323796	31.30 0.69 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.88 0.11 0.00	20.56 0.20 0.00	25.08 0.64 0.00	31.43 0.93 0.00	36.96 1.15 0.00	31.44 0.91 0.00	30.69 0.83 0.00	26.35 0.74 0.00	30.45 0.91 0.00	32.97 1.11 0.00	36.05 1.20 0.00	38.57 1.46 0.00	42.20 1.71 0.00	49.05 2.11 0.00	55.49 2.06 0.00	81.52 2.91 0.00	53.33 1.94 0.00	50.82 1.59 0.00	45.42 1.08 0.00	36.43 0.92 0.00
FALCON__SEABRD_CC2 323797	31.30 0.69 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.88 0.11 0.00	20.56 0.20 0.00	25.08 0.64 0.00	31.43 0.93 0.00	36.96 1.15 0.00	31.44 0.91 0.00	30.69 0.83 0.00	26.35 0.74 0.00	30.45 0.91 0.00	32.97 1.11 0.00	36.05 1.20 0.00	38.57 1.46 0.00	42.20 1.71 0.00	49.05 2.11 0.00	55.49 2.06 0.00	81.52 2.91 0.00	53.33 1.94 0.00	50.82 1.59 0.00	45.42 1.08 0.00	36.43 0.92 0.00

FAR ROCKAWAY___4 23548	46.02 1.56 -13.86	29.54 1.46 -3.09	38.42 1.41 -14.06	20.94 1.28 -0.01	24.51 1.24 -3.50	29.30 1.21 -7.73	33.82 1.19 -8.19	45.20 1.65 -13.05	39.26 2.08 -1.37	45.25 2.09 -12.64	58.48 1.92 -26.70	30.79 1.71 -3.46	39.04 1.94 -7.57	37.35 2.16 -3.34	37.76 2.10 -0.81	43.39 1.97 -4.31	42.58 2.10 0.00	49.07 2.11 -0.02	56.02 2.58 0.00	124.40 3.81 -41.98	69.53 2.50 -15.64	78.09 2.56 -26.29	47.99 2.22 -1.43	39.46 1.67 -2.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.64 1.03 0.00	26.03 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.69 0.93 0.00	21.25 0.90 0.00	25.32 0.88 0.00	31.77 1.27 0.00	37.39 1.59 0.00	33.34 1.64 -1.17	32.26 1.66 -0.74	27.34 1.39 -0.33	31.12 1.58 0.00	33.60 1.70 -0.04	37.34 1.68 -0.81	42.95 1.53 -4.31	42.02 1.54 0.00	48.43 1.49 0.00	55.14 1.70 0.00	81.01 2.41 0.00	52.99 1.60 0.00	50.90 1.66 0.00	45.81 1.47 0.00	36.65 1.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.65 1.04 0.00	26.04 1.05 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.70 0.93 0.00	21.26 0.91 0.00	25.32 0.88 0.00	31.78 1.28 0.00	37.39 1.59 0.00	33.34 1.64 -1.17	32.27 1.67 -0.74	27.34 1.40 -0.33	31.12 1.58 0.00	33.60 1.71 -0.04	37.35 1.68 -0.81	42.96 1.53 -4.31	42.03 1.55 0.00	48.43 1.49 0.00	55.16 1.72 0.00	81.05 2.44 0.00	53.00 1.61 0.00	50.93 1.69 0.00	45.83 1.48 0.00	36.66 1.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.62 1.02 0.00	26.01 1.02 0.00	23.97 1.01 0.00	20.58 0.93 0.00	20.68 0.92 0.00	21.24 0.90 0.00	25.31 0.87 0.00	31.76 1.26 0.00	37.37 1.57 0.00	33.32 1.62 -1.17	32.24 1.64 -0.74	27.33 1.38 -0.33	31.10 1.56 0.00	33.58 1.68 -0.04	37.32 1.65 -0.81	42.93 1.51 -4.31	42.00 1.51 0.00	48.39 1.45 0.00	55.10 1.67 0.00	80.96 2.36 0.00	52.94 1.55 0.00	50.87 1.64 0.00	45.78 1.44 0.00	36.63 1.12 0.00
FARRAGUT___LBMP 323566	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.73 1.23 0.00	37.33 1.53 0.00	33.29 1.59 -1.17	32.21 1.61 -0.74	27.30 1.35 -0.33	31.06 1.53 0.00	33.55 1.65 -0.04	37.28 1.62 -0.81	42.89 1.47 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.89 2.29 0.00	52.90 1.51 0.00	50.83 1.60 0.00	45.74 1.40 0.00	36.60 1.09 0.00
FENNER___WINDPWR 24204	31.29 0.68 0.00	25.56 0.57 0.00	23.46 0.51 0.00	20.04 0.39 0.00	20.17 0.41 0.00	20.73 0.38 0.00	24.81 0.37 0.00	30.97 0.48 0.00	36.39 0.59 0.00	31.00 0.47 0.00	30.33 0.47 0.00	25.99 0.36 0.00	29.94 0.41 0.00	32.30 0.45 0.00	35.41 0.55 0.00	37.79 0.68 0.00	41.37 0.89 0.00	48.04 1.09 0.00	54.79 1.35 0.00	80.71 2.10 0.00	52.86 1.27 -0.19	50.90 1.15 -0.51	45.29 0.94 0.00	36.22 0.71 0.00
FIBERTEK___ENERGY 23856	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
FITZPATRICK___ 23598	30.04 -0.57 0.00	24.53 -0.46 0.00	22.51 -0.44 0.00	19.25 -0.41 0.00	19.37 -0.40 0.00	19.87 -0.48 0.00	23.68 -0.76 0.00	29.49 -1.01 0.00	34.66 -1.14 0.00	29.59 -0.94 0.00	28.96 -0.90 0.00	24.86 -0.76 0.00	28.66 -0.88 0.00	30.89 -0.97 0.00	33.84 -1.01 0.00	36.00 -1.10 0.00	39.28 -1.21 0.00	45.53 -1.41 0.00	51.86 -1.58 0.00	76.31 -2.29 0.00	47.41 -1.51 2.47	41.29 -1.46 6.49	43.00 -1.31 0.04	34.56 -0.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.66 1.05 0.00	26.01 1.02 0.00	23.95 1.00 0.00	20.57 0.92 0.00	20.69 0.92 0.00	21.23 0.88 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.27 1.47 0.00	33.07 1.43 -1.11	32.02 1.45 -0.71	27.14 1.20 -0.31	30.92 1.38 0.00	33.40 1.51 -0.04	37.16 1.53 -0.77	42.67 1.46 -4.11	41.97 1.48 0.00	48.56 1.61 0.00	55.43 1.99 0.00	81.60 3.00 0.00	53.38 1.98 0.00	51.23 2.00 0.00	46.02 1.68 0.00	36.81 1.30 0.00
FORT ORANGE___ 23900	30.64 0.03 0.00	25.19 0.20 0.00	23.25 0.29 0.00	20.04 0.39 0.00	20.15 0.38 0.00	20.66 0.31 0.00	24.60 0.16 0.00	30.66 0.16 0.00	35.72 -0.08 0.00	29.71 -0.10 0.72	29.29 -0.11 0.46	25.36 -0.05 0.20	29.41 -0.13 0.00	31.68 -0.15 0.03	34.10 -0.27 0.49	34.26 -0.24 2.60	40.27 -0.22 0.00	46.80 -0.14 0.00	53.59 0.16 0.00	78.88 0.28 0.00	51.59 0.20 0.00	49.49 0.26 0.00	44.43 0.09 0.00	35.63 0.12 0.00
FORT_DRUM_COGEN 23780	31.74 1.13 0.00	25.91 0.92 0.00	23.79 0.83 0.00	20.30 0.64 0.00	20.41 0.64 0.00	20.89 0.54 0.00	25.14 0.70 0.00	31.41 0.91 0.00	36.74 0.94 0.00	31.21 0.68 0.00	30.47 0.61 0.00	26.01 0.39 0.00	29.87 0.33 0.00	32.03 0.18 0.00	35.30 0.44 0.00	37.57 0.46 0.00	41.12 0.64 0.00	48.24 1.30 0.00	55.50 2.06 0.00	81.95 3.34 0.00	53.81 2.09 -0.33	52.61 2.51 -0.86	46.91 2.56 -0.01	37.23 1.72 0.00
FOX_HILLS___ESR 323835	31.60 0.99 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.56 0.91 0.00	20.66 0.89 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.73 1.23 0.00	37.36 1.56 0.00	33.33 1.63 -1.17	32.26 1.66 -0.74	27.34 1.39 -0.33	31.11 1.57 0.00	33.60 1.71 -0.04	37.36 1.69 -0.81	42.92 1.50 -4.31	41.99 1.50 0.00	48.34 1.39 0.00	55.05 1.62 0.00	81.01 2.40 0.00	53.01 1.62 0.00	50.93 1.70 0.00	45.84 1.50 0.00	36.65 1.14 0.00
FPL_FAR_ROCK_GT1 24212	46.02 1.56 -13.86	29.54 1.46 -3.09	38.42 1.41 -14.06	20.95 1.28 -0.01	24.50 1.23 -3.50	29.29 1.20 -7.73	33.83 1.19 -8.19	45.21 1.65 -13.05	39.26 2.09 -1.37	45.25 2.08 -12.64	58.48 1.93 -26.70	30.79 1.71 -3.46	39.04 1.94 -7.57	37.36 2.16 -3.34	37.76 2.09 -0.81	43.39 1.96 -4.31	42.58 2.10 0.00	49.07 2.11 -0.02	56.02 2.58 0.00	124.36 3.78 -41.98	69.53 2.50 -15.64	78.08 2.56 -26.29	47.99 2.22 -1.43	39.46 1.67 -2.28
FPL_FAR_ROCK_GT2 23815	46.02 1.56 -13.86	29.54 1.46 -3.09	38.42 1.41 -14.06	20.95 1.28 -0.01	24.50 1.23 -3.50	29.29 1.20 -7.73	33.83 1.19 -8.19	45.21 1.65 -13.05	39.26 2.09 -1.37	45.25 2.08 -12.64	58.48 1.93 -26.70	30.79 1.71 -3.46	39.04 1.94 -7.57	37.36 2.16 -3.34	37.76 2.09 -0.81	43.39 1.96 -4.31	42.58 2.10 0.00	49.07 2.11 -0.02	56.02 2.58 0.00	124.36 3.78 -41.98	69.53 2.50 -15.64	78.08 2.56 -26.29	47.99 2.22 -1.43	39.46 1.67 -2.28
FRANKLIN_FALL_HYD 24054	31.21 0.60 0.00	25.29 0.30 0.00	23.14 0.19 0.00	19.71 0.05 0.00	19.82 0.04 0.00	20.52 0.17 0.00	25.11 0.68 0.00	31.44 0.94 0.00	36.95 1.15 0.00	31.42 0.89 0.00	30.72 0.86 0.00	26.37 0.76 0.00	30.40 0.86 0.00	32.87 1.03 0.00	36.00 1.15 0.00	38.48 1.37 0.00	42.11 1.63 0.00	48.85 1.91 0.00	55.26 1.82 0.00	81.33 2.72 0.00	53.34 1.95 0.00	50.91 1.67 0.00	45.69 1.35 0.00	36.46 0.95 0.00

FREPORT_EQUS_GT1 23764	43.71 1.37 -11.73	28.91 1.31 -2.61	36.13 1.28 -11.90	20.83 1.17 -0.01	23.86 1.13 -2.96	27.99 1.09 -6.55	32.41 1.03 -6.93	43.03 1.48 -11.05	38.81 1.85 -1.16	43.32 1.91 -10.88	54.33 1.75 -22.71	30.13 1.54 -2.98	37.67 1.73 -6.41	36.59 1.90 -2.84	37.42 1.75 -0.81	43.06 1.63 -4.31	42.23 1.74 0.00	48.64 1.68 -0.01	55.57 2.13 0.00	115.32 3.05 -33.67	66.16 1.92 -12.85	73.24 2.18 -21.82	47.36 1.83 -1.19	38.81 1.41 -1.89
FREEPORT___CT2 23818	43.71 1.37 -11.73	28.91 1.31 -2.61	36.13 1.28 -11.90	20.83 1.17 -0.01	23.86 1.13 -2.96	27.99 1.09 -6.55	32.41 1.03 -6.93	43.03 1.48 -11.05	38.81 1.85 -1.16	43.32 1.91 -10.88	54.33 1.75 -22.71	30.13 1.54 -2.98	37.67 1.73 -6.41	36.59 1.90 -2.84	37.42 1.75 -0.81	43.06 1.63 -4.31	42.23 1.74 0.00	48.64 1.68 -0.01	55.57 2.13 0.00	115.32 3.05 -33.67	66.16 1.92 -12.85	73.24 2.18 -21.82	47.36 1.83 -1.19	38.81 1.41 -1.89
FRESHKLS_33_KV_LOAD 356253	31.57 0.96 0.00	26.01 1.02 0.00	23.94 0.99 0.00	20.54 0.89 0.00	20.63 0.87 0.00	21.21 0.86 0.00	25.24 0.81 0.00	31.69 1.19 0.00	37.34 1.53 0.00	33.31 1.61 -1.17	32.23 1.63 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.56 1.66 -0.04	37.32 1.66 -0.81	42.86 1.44 -4.31	41.94 1.45 0.00	48.30 1.36 0.00	55.04 1.61 0.00	81.02 2.42 0.00	53.01 1.63 0.00	50.93 1.70 0.00	45.84 1.49 0.00	36.64 1.13 0.00
FULTON COGEN____ 23766	30.27 -0.34 0.00	24.71 -0.28 0.00	22.68 -0.27 0.00	19.39 -0.26 0.00	19.51 -0.25 0.00	20.02 -0.33 0.00	23.86 -0.58 0.00	29.74 -0.76 0.00	34.95 -0.85 0.00	29.83 -0.70 0.00	29.20 -0.66 0.00	25.06 -0.55 0.00	28.90 -0.63 0.00	31.16 -0.69 0.00	34.16 -0.70 0.00	36.35 -0.76 0.00	39.69 -0.80 0.00	46.03 -0.91 0.00	52.44 -1.00 0.00	77.22 -1.38 0.00	51.25 -0.95 -0.80	50.38 -0.96 -2.11	43.49 -0.87 -0.01	34.88 -0.63 0.00
FULTON___LFGFE 323630	32.31 1.71 0.00	26.34 1.35 0.00	24.14 1.19 0.00	20.63 0.98 0.00	20.75 0.99 0.00	21.38 1.03 0.00	25.63 1.19 0.00	31.98 1.48 0.00	37.46 1.65 0.00	30.73 0.89 0.69	30.25 0.82 0.44	26.14 0.72 0.19	30.37 0.83 0.00	32.76 0.93 0.02	35.31 0.84 0.39	36.33 1.27 2.05	42.32 1.83 0.00	49.51 2.57 0.00	56.71 3.28 0.00	83.52 4.92 0.00	54.58 3.19 0.00	52.23 3.00 0.00	47.04 2.69 0.00	37.49 1.98 0.00
G.F.CEMENT___DRP 24184	31.91 1.30 0.00	26.21 1.22 0.00	24.16 1.21 0.00	20.78 1.13 0.00	20.89 1.12 0.00	21.35 1.00 0.00	25.52 1.08 0.00	31.79 1.29 0.00	36.81 1.01 0.00	30.29 0.68 0.92	29.99 0.71 0.58	25.88 0.52 0.26	30.18 0.65 0.00	32.57 0.75 0.03	34.96 0.72 0.62	34.72 0.89 3.28	41.73 1.24 0.00	48.81 1.87 0.00	56.11 2.67 0.00	82.67 4.06 0.00	54.01 2.62 0.00	51.71 2.47 0.00	46.29 1.95 0.00	37.16 1.65 0.00
GARDENVILLE___LBMP 24039	31.47 0.86 0.00	25.61 0.62 0.00	23.31 0.36 0.00	19.67 0.02 0.00	19.78 0.01 0.00	20.29 -0.06 0.00	24.13 -0.32 0.00	30.16 0.39 0.00	36.19 0.40 0.00	30.93 0.40 0.00	30.41 0.55 0.00	26.06 0.44 0.00	29.98 0.44 0.00	32.44 0.59 0.00	35.80 0.95 0.00	37.94 0.83 0.00	41.40 0.91 0.00	48.20 1.25 0.00	54.67 1.23 0.00	80.45 1.85 0.00	52.68 1.28 0.00	50.22 0.98 0.00	45.52 1.18 0.00	36.58 1.07 0.00
GARDNVLA_35_KV_LD 355827	31.60 0.99 0.00	25.70 0.72 0.00	23.39 0.43 0.00	19.72 0.07 0.00	19.83 0.06 0.00	20.34 -0.01 0.00	24.19 -0.25 0.00	30.26 -0.23 0.00	36.38 0.58 0.00	31.09 0.56 0.00	30.56 0.70 0.00	26.21 0.59 0.00	30.17 0.63 0.00	32.65 0.80 0.00	35.98 1.12 0.00	38.11 1.00 0.00	41.65 1.16 0.00	48.53 1.58 0.00	55.09 1.65 0.00	81.02 2.41 0.00	53.01 1.62 0.00	50.52 1.28 0.00	45.79 1.45 0.00	36.78 1.27 0.00
GELCKHM___115KV_LOAD 80723	30.59 -0.03 0.00	24.96 -0.03 0.00	22.92 -0.03 0.00	19.58 -0.07 0.00	19.71 -0.06 0.00	20.22 -0.13 0.00	24.11 -0.33 0.00	30.06 -0.44 0.00	35.36 -0.44 0.00	30.17 -0.36 0.00	29.56 -0.30 0.00	25.36 -0.26 0.00	29.23 -0.30 0.00	31.55 -0.31 0.00	34.57 -0.29 0.00	36.77 -0.34 0.00	40.15 -0.34 0.00	46.53 -0.41 0.00	53.05 -0.39 0.00	78.05 -0.55 0.00	51.28 -0.41 -0.29	49.61 -0.39 -0.76	43.96 -0.39 0.00	35.24 -0.27 0.00
GENERAL___MILLS 23808	31.55 0.94 0.00	25.67 0.68 0.00	23.36 0.41 0.00	19.70 0.05 0.00	19.80 0.03 0.00	20.32 -0.03 0.00	24.17 -0.27 0.00	30.22 -0.27 0.00	36.32 0.52 0.00	31.04 0.51 0.00	30.51 0.65 0.00	26.16 0.54 0.00	30.12 0.58 0.00	32.58 0.73 0.00	35.90 1.05 0.00	38.02 0.91 0.00	41.54 1.06 0.00	48.41 1.47 0.00	54.93 1.50 0.00	80.79 2.18 0.00	52.88 1.49 0.00	50.41 1.17 0.00	45.69 1.34 0.00	36.71 1.20 0.00
GE_PLASTICS___DRP 24183	30.67 0.06 0.00	25.19 0.20 0.00	23.23 0.28 0.00	20.00 0.36 0.00	20.12 0.36 0.00	20.63 0.28 0.00	24.58 0.14 0.00	30.67 0.17 0.00	35.84 0.03 0.00	30.01 0.03 0.55	29.54 0.03 0.35	25.49 0.03 0.16	29.53 0.00 0.00	31.81 -0.02 0.02	34.36 -0.13 0.37	34.99 -0.14 1.98	40.32 -0.16 0.00	46.78 -0.16 0.00	53.47 0.03 0.00	78.67 0.07 0.00	51.44 0.05 0.00	49.38 0.14 0.00	44.39 0.05 0.00	35.62 0.11 0.00
GILBOA___1 23756	30.94 0.33 0.00	25.38 0.39 0.00	23.38 0.42 0.00	20.14 0.48 0.00	20.23 0.46 0.00	20.70 0.35 0.00	24.69 0.25 0.00	30.89 0.39 0.00	36.19 0.39 0.00	31.16 0.38 -0.25	30.41 0.39 -0.16	25.99 0.30 -0.07	29.88 0.34 0.00	32.21 0.35 -0.01	35.33 0.30 -0.17	38.23 0.21 -0.91	40.63 0.15 0.00	46.97 0.03 0.00	53.71 0.27 0.00	79.09 0.49 0.00	51.62 0.23 0.00	49.64 0.41 0.00	44.74 0.40 0.00	35.89 0.39 0.00
GILBOA___2 23757	30.94 0.33 0.00	25.38 0.39 0.00	23.38 0.42 0.00	20.14 0.48 0.00	20.23 0.46 0.00	20.70 0.35 0.00	24.69 0.25 0.00	30.89 0.39 0.00	36.19 0.39 0.00	31.16 0.38 -0.25	30.41 0.39 -0.16	25.99 0.30 -0.07	29.88 0.34 0.00	32.21 0.35 -0.01	35.33 0.30 -0.17	38.23 0.21 -0.91	40.63 0.15 0.00	46.97 0.03 0.00	53.71 0.27 0.00	79.09 0.49 0.00	51.62 0.23 0.00	49.64 0.41 0.00	44.74 0.40 0.00	35.89 0.39 0.00
GILBOA___3 23758	30.94 0.33 0.00	25.38 0.39 0.00	23.38 0.42 0.00	20.14 0.48 0.00	20.23 0.46 0.00	20.70 0.35 0.00	24.69 0.25 0.00	30.89 0.39 0.00	36.19 0.39 0.00	31.16 0.38 -0.25	30.41 0.39 -0.16	25.99 0.30 -0.07	29.88 0.34 0.00	32.21 0.35 -0.01	35.33 0.30 -0.17	38.23 0.21 -0.91	40.63 0.15 0.00	46.97 0.03 0.00	53.71 0.27 0.00	79.09 0.49 0.00	51.62 0.23 0.00	49.64 0.41 0.00	44.74 0.40 0.00	35.89 0.39 0.00
GILBOA___4 23759	30.94 0.33 0.00	25.38 0.39 0.00	23.38 0.42 0.00	20.14 0.48 0.00	20.23 0.46 0.00	20.70 0.35 0.00	24.69 0.25 0.00	30.89 0.39 0.00	36.19 0.39 0.00	31.16 0.38 -0.25	30.41 0.39 -0.16	25.99 0.30 -0.07	29.88 0.34 0.00	32.21 0.35 -0.01	35.33 0.30 -0.17	38.23 0.21 -0.91	40.63 0.15 0.00	46.97 0.03 0.00	53.71 0.27 0.00	79.09 0.49 0.00	51.62 0.23 0.00	49.64 0.41 0.00	44.74 0.40 0.00	35.89 0.39 0.00

GILBOA____ 23599	30.94 0.33 0.00	25.38 0.39 0.00	23.38 0.42 0.00	20.13 0.48 0.00	20.23 0.46 0.00	20.70 0.35 0.00	24.69 0.25 0.00	30.89 0.39 0.00	36.19 0.39 0.00	31.16 0.39 -0.25	30.41 0.39 -0.16	25.99 0.30 -0.07	29.87 0.34 0.00	32.21 0.35 -0.01	35.33 0.30 -0.17	38.23 0.21 -0.91	40.63 0.15 0.00	46.97 0.03 0.00	53.71 0.27 0.00	79.09 0.49 0.00	51.62 0.23 0.00	49.64 0.41 0.00	44.74 0.40 0.00	35.89 0.39 0.00
GINNA____ 23603	29.78 -0.84 0.00	24.25 -0.73 0.00	22.16 -0.79 0.00	18.82 -0.83 0.00	18.96 -0.81 0.00	19.48 -0.87 0.00	23.22 -1.22 0.00	28.99 -1.50 0.00	34.42 -1.39 0.00	29.43 -1.10 0.00	28.88 -0.98 0.00	24.79 -0.83 0.00	28.56 -0.98 0.00	30.88 -0.97 0.00	33.96 -0.90 0.00	36.03 -1.08 0.00	39.36 -1.13 0.00	45.73 -1.21 0.00	52.09 -1.34 0.00	76.66 -1.94 0.00	50.12 -1.27 0.00	47.86 -1.37 0.00	43.14 -1.21 0.00	34.59 -0.92 0.00
GLEN PARK____ 23778	31.83 1.22 0.00	25.97 0.98 0.00	23.83 0.88 0.00	20.34 0.69 0.00	20.46 0.69 0.00	20.94 0.59 0.00	25.20 0.76 0.00	31.47 0.96 0.00	36.78 0.98 0.00	31.24 0.71 0.00	30.50 0.64 0.00	26.01 0.39 0.00	29.81 0.27 0.00	31.94 0.09 0.00	35.22 0.36 0.00	37.47 0.36 0.00	41.06 0.57 0.00	48.23 1.29 0.00	55.65 2.21 0.00	82.19 3.59 0.00	54.09 2.36 -0.35	52.90 2.76 -0.91	47.10 2.76 -0.01	37.36 1.86 0.00
GLENDALE_27_KV_LOAD 356172	31.73 1.12 0.00	26.13 1.15 0.00	24.07 1.12 0.00	20.65 1.00 0.00	20.75 0.98 0.00	21.34 0.99 0.00	25.42 0.98 0.00	31.90 1.40 0.00	37.56 1.76 0.00	33.49 1.79 -1.17	32.41 1.81 -0.74	27.48 1.53 -0.33	31.27 1.74 0.00	33.77 1.87 -0.04	37.55 1.88 -0.81	43.16 1.74 -4.31	42.25 1.76 0.00	48.61 1.66 0.00	55.34 1.90 0.00	81.36 2.76 0.00	53.20 1.81 0.00	51.11 1.88 0.00	46.00 1.66 0.00	36.80 1.29 0.00
GLENWOOD_IC_1_G5 23712	46.95 1.25 -15.09	29.57 1.21 -3.37	39.46 1.19 -15.31	20.75 1.08 -0.02	24.65 1.07 -3.81	29.81 1.03 -8.42	34.36 1.00 -8.92	46.14 1.42 -14.22	39.03 1.74 -1.50	45.91 1.72 -13.66	60.50 1.63 -29.01	30.76 1.40 -3.74	39.48 1.70 -8.25	37.32 1.83 -3.64	37.43 1.77 -0.81	43.08 1.66 -4.31	42.21 1.72 0.00	48.46 1.51 -0.02	55.09 1.66 0.00	124.45 2.47 -43.38	69.56 1.62 -16.55	79.05 1.70 -28.12	47.44 1.57 -1.53	39.29 1.35 -2.44
GLENWOOD_IC_2_G1 23688	32.35 1.09 -0.65	26.22 1.08 -0.14	24.67 1.07 -0.66	20.63 0.98 0.00	20.89 0.96 -0.16	21.63 0.92 -0.36	25.70 0.88 -0.38	32.37 1.26 -0.61	37.43 1.56 -0.06	33.81 1.58 -1.70	33.37 1.56 -1.95	27.42 1.32 -0.48	31.40 1.51 -0.35	33.69 1.64 -0.20	37.24 1.57 -0.81	42.87 1.45 -4.31	41.97 1.49 0.00	48.37 1.43 0.00	55.14 1.71 0.00	82.95 2.49 -1.86	53.75 1.65 -0.71	52.17 1.73 -1.21	45.90 1.50 -0.07	36.79 1.18 -0.10
GLENWOOD_IC_3_G1 23689	32.35 1.09 -0.65	26.22 1.08 -0.14	24.67 1.07 -0.66	20.63 0.98 0.00	20.89 0.96 -0.16	21.63 0.92 -0.36	25.70 0.88 -0.38	32.37 1.26 -0.61	37.43 1.56 -0.06	33.81 1.58 -1.70	33.37 1.56 -1.95	27.42 1.32 -0.48	31.40 1.51 -0.35	33.69 1.64 -0.20	37.24 1.57 -0.81	42.87 1.45 -4.31	41.97 1.49 0.00	48.37 1.43 0.00	55.14 1.71 0.00	82.95 2.49 -1.86	53.75 1.65 -0.71	52.17 1.73 -1.21	45.90 1.50 -0.07	36.79 1.18 -0.10
GLENWOOD____4 23550	46.95 1.25 -15.09	29.57 1.21 -3.37	39.46 1.19 -15.31	20.75 1.08 -0.02	24.65 1.07 -3.81	29.81 1.03 -8.42	34.36 1.00 -8.92	46.14 1.42 -14.22	39.04 1.75 -1.50	45.93 1.74 -13.66	60.54 1.67 -29.01	30.79 1.43 -3.74	39.48 1.70 -8.25	37.32 1.83 -3.64	37.43 1.77 -0.81	43.08 1.66 -4.31	42.21 1.72 0.00	48.55 1.58 -0.02	55.25 1.81 0.00	124.64 2.66 -43.38	69.70 1.76 -16.55	79.18 1.83 -28.12	47.50 1.63 -1.53	39.29 1.35 -2.44
GLENWOOD____5 23614	46.95 1.25 -15.09	29.57 1.21 -3.37	39.46 1.19 -15.31	20.75 1.08 -0.02	24.65 1.07 -3.81	29.81 1.03 -8.42	34.36 1.00 -8.92	46.14 1.42 -14.22	39.04 1.75 -1.50	45.93 1.74 -13.66	60.54 1.67 -29.01	30.79 1.43 -3.74	39.48 1.70 -8.25	37.32 1.83 -3.64	37.43 1.77 -0.81	43.08 1.66 -4.31	42.21 1.72 0.00	48.55 1.58 -0.02	55.25 1.81 0.00	124.64 2.66 -43.38	69.70 1.76 -16.55	79.18 1.83 -28.12	47.50 1.63 -1.53	39.29 1.35 -2.44
GLOBAL GREEN_PORT_GT1 23814	41.78 2.47 -8.69	29.20 2.27 -1.94	34.10 2.33 -8.82	21.62 1.95 -0.01	23.90 1.93 -2.19	26.91 1.70 -4.85	30.92 1.34 -5.14	40.54 1.85 -8.19	38.85 2.18 -0.86	41.37 2.48 -8.36	49.27 2.39 -17.02	29.54 1.63 -2.29	35.75 1.47 -4.75	35.62 1.66 -2.12	37.33 1.66 -0.81	43.20 1.78 -4.31	42.72 2.23 0.00	49.26 2.31 -0.01	56.52 3.08 0.00	107.19 4.65 -23.94	63.81 2.99 -9.43	68.19 2.73 -16.22	47.09 1.87 -0.88	38.25 1.33 -1.41
GLOBE____DSASP 323697	30.77 0.16 0.00	25.08 0.09 0.00	22.80 -0.16 0.00	19.22 -0.44 0.00	19.31 -0.46 0.00	19.79 -0.57 0.00	23.49 -0.94 0.00	29.25 -1.25 0.00	35.16 -0.64 0.00	30.03 -0.50 0.00	29.52 -0.34 0.00	25.33 -0.29 0.00	29.13 -0.41 0.00	31.51 -0.34 0.00	34.73 -0.12 0.00	36.77 -0.34 0.00	40.13 -0.35 0.00	46.80 -0.14 0.00	52.76 -0.68 0.00	77.31 -1.30 0.00	50.65 -0.74 0.00	48.34 -0.89 0.00	44.23 -0.12 0.00	35.72 0.21 0.00
GOETHSLN____LBMP 323567	31.50 0.89 0.00	25.92 0.93 0.00	23.88 0.92 0.00	20.50 0.85 0.00	20.60 0.83 0.00	21.16 0.81 0.00	25.20 0.76 0.00	31.62 1.12 0.00	37.20 1.40 0.00	33.18 1.49 -1.17	32.12 1.51 -0.74	27.21 1.26 -0.33	30.97 1.43 0.00	33.43 1.54 -0.04	37.16 1.49 -0.81	42.75 1.32 -4.31	41.80 1.32 0.00	48.16 1.22 0.00	54.84 1.40 0.00	80.56 1.96 0.00	52.68 1.29 0.00	50.62 1.39 0.00	45.55 1.21 0.00	36.44 0.93 0.00
GOLAH____69_KV_TB 1_2 80279	31.56 0.95 0.00	25.68 0.69 0.00	23.42 0.47 0.00	19.86 0.21 0.00	19.97 0.20 0.00	20.51 0.16 0.00	24.46 0.02 0.00	30.53 0.03 0.00	36.39 0.59 0.00	31.07 0.54 0.00	30.54 0.68 0.00	26.20 0.58 0.00	30.13 0.59 0.00	32.53 0.68 0.00	35.85 0.99 0.00	37.98 0.87 0.00	41.50 1.01 0.00	48.27 1.33 0.00	54.83 1.40 0.00	80.88 2.28 0.00	53.06 1.67 0.00	50.70 1.46 0.00	45.79 1.44 0.00	36.75 1.24 0.00
GOODYEAR_LAKE_HYD 323669	31.73 1.12 0.00	25.91 0.92 0.00	23.76 0.81 0.00	20.32 0.67 0.00	20.44 0.67 0.00	21.02 0.67 0.00	25.18 0.74 0.00	31.52 1.02 0.00	36.74 0.93 0.00	31.69 0.88 -0.28	30.93 0.89 -0.18	26.44 0.74 -0.08	30.38 0.84 0.00	32.82 0.97 0.00	36.37 1.51 0.00	38.63 1.52 0.00	42.09 1.60 0.00	48.71 1.77 0.00	55.43 1.99 0.00	81.72 3.11 0.00	53.43 1.97 -0.07	51.28 1.87 -0.18	45.94 1.60 0.00	36.69 1.18 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.11 0.50 0.00	25.37 0.38 0.00	23.28 0.32 0.00	19.85 0.19 0.00	20.00 0.22 0.00	20.49 0.14 0.00	24.48 0.04 0.00	30.61 0.11 0.00	36.04 0.23 0.00	30.93 0.22 -0.18	30.31 0.33 -0.12	25.93 0.25 -0.05	29.79 0.25 0.00	32.16 0.30 -0.01	35.32 0.45 -0.01	37.53 0.42 0.00	40.93 0.45 0.00	47.36 0.42 0.00	54.00 0.56 0.00	79.62 1.02 0.00	52.20 0.63 -0.18	50.30 0.60 -0.46	44.79 0.44 0.00	35.86 0.35 0.00

GOUDEY___7 23579	31.11 0.50 0.00	25.37 0.38 0.00	23.28 0.32 0.00	19.85 0.19 0.00	20.00 0.22 0.00	20.49 0.14 0.00	24.48 0.04 0.00	30.61 0.11 0.00	36.04 0.23 0.00	30.93 0.22 -0.18	30.31 0.33 -0.12	25.93 0.25 -0.05	29.79 0.25 0.00	32.16 0.30 -0.01	35.32 0.45 -0.01	37.53 0.42 0.00	40.93 0.45 0.00	47.36 0.42 0.00	54.00 0.56 0.00	79.62 1.02 0.00	52.20 0.63 -0.18	50.30 0.60 -0.46	44.79 0.44 0.00	35.86 0.35 0.00
GOUDEY___8 23580	31.11 0.50 0.00	25.37 0.38 0.00	23.28 0.32 0.00	19.85 0.19 0.00	20.00 0.22 0.00	20.49 0.14 0.00	24.48 0.04 0.00	30.61 0.11 0.00	36.04 0.23 0.00	30.93 0.22 -0.18	30.31 0.33 -0.12	25.93 0.25 -0.05	29.79 0.25 0.00	32.16 0.30 -0.01	35.32 0.45 -0.01	37.53 0.42 0.00	40.93 0.45 0.00	47.36 0.42 0.00	54.00 0.56 0.00	79.62 1.02 0.00	52.20 0.63 -0.18	50.30 0.60 -0.46	44.79 0.44 0.00	35.86 0.35 0.00
GOWANUS_GT1_1 24077	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_2 24078	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_3 24079	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_4 24080	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_5 24084	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_6 24111	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_7 24112	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT1_8 24113	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.05 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_1 24114	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_2 24115	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_3 24116	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_4 24117	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_5 24118	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00

GOWANUS_GT2_6 24119	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_7 24120	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT2_8 24121	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_1 24122	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_2 24123	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_3 24124	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_4 24125	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_5 24126	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_6 24127	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_7 24128	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT3_8 24129	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_1 24130	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_2 24131	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_3 24132	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_4 24133	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00

GOWANUS_GT4_5 24134	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_6 24135	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_7 24136	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GOWANUS_GT4_8 24137	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GREATVR_69_KV_BK1 356245	41.42 1.87 -8.94	28.66 1.68 -1.99	33.70 1.68 -9.07	21.16 1.50 -0.01	23.51 1.48 -2.26	26.75 1.41 -4.99	31.05 1.33 -5.29	40.76 1.84 -8.42	39.03 2.34 -0.88	41.57 2.47 -8.57	49.62 2.27 -17.49	29.84 1.87 -2.35	36.48 2.06 -4.88	36.23 2.21 -2.17	37.77 2.10 -0.81	43.46 2.04 -4.31	42.73 2.25 0.00	49.21 2.26 -0.01	56.36 2.92 0.00	107.80 4.49 -24.70	64.00 2.91 -9.70	68.78 2.87 -16.68	47.61 2.35 -0.91	38.69 1.73 -1.45
GREENBSH_115KV_TB3 55895	30.48 -0.13 0.00	25.06 0.07 0.00	23.13 0.18 0.00	19.94 0.29 0.00	20.06 0.29 0.00	20.56 0.20 0.00	24.47 0.03 0.00	30.52 0.02 0.00	35.61 -0.19 0.00	29.58 -0.17 0.78	29.19 -0.18 0.49	25.28 -0.12 0.22	29.33 -0.21 0.00	31.60 -0.22 0.03	33.97 -0.37 0.53	33.95 -0.36 2.81	40.07 -0.41 0.00	46.52 -0.42 0.00	53.20 -0.24 0.00	78.28 -0.32 0.00	51.19 -0.20 0.00	49.12 -0.11 0.00	44.13 -0.21 0.00	35.41 -0.10 0.00
GREENDGE_115KV_TB5 80291	31.50 0.89 0.00	25.62 0.63 0.00	23.43 0.48 0.00	19.91 0.26 0.00	20.07 0.30 0.00	20.60 0.24 0.00	24.64 0.20 0.00	30.80 0.30 0.00	36.43 0.63 0.00	31.04 0.51 0.00	30.42 0.56 0.00	26.02 0.40 0.00	30.01 0.47 0.00	32.43 0.57 0.00	35.67 0.82 0.00	37.96 0.85 0.00	41.49 1.00 0.00	48.11 1.17 0.00	54.92 1.49 0.00	81.04 2.43 0.00	53.10 1.56 -0.15	51.00 1.37 -0.39	45.47 1.13 0.00	36.40 0.90 0.00
GREENIDGE___3 23582	31.50 0.89 0.00	25.62 0.63 0.00	23.43 0.48 0.00	19.91 0.26 0.00	20.07 0.30 0.00	20.60 0.24 0.00	24.64 0.20 0.00	30.80 0.30 0.00	36.43 0.63 0.00	31.04 0.51 0.00	30.42 0.56 0.00	26.02 0.40 0.00	30.01 0.47 0.00	32.43 0.57 0.00	35.67 0.82 0.00	37.96 0.85 0.00	41.49 1.00 0.00	48.11 1.17 0.00	54.92 1.49 0.00	81.04 2.43 0.00	53.10 1.56 -0.15	51.00 1.37 -0.39	45.47 1.13 0.00	36.40 0.90 0.00
GREENIDGE___4 23583	31.49 0.88 0.00	25.62 0.63 0.00	23.43 0.48 0.00	19.91 0.25 0.00	20.08 0.31 0.00	20.61 0.25 0.00	24.64 0.20 0.00	30.80 0.30 0.00	36.43 0.63 0.00	31.05 0.52 0.00	30.42 0.56 0.00	26.02 0.40 0.00	30.00 0.47 0.00	32.43 0.58 0.00	35.67 0.82 0.00	37.96 0.85 0.00	41.49 1.00 0.00	48.11 1.17 0.00	54.92 1.49 0.00	81.03 2.43 0.00	53.10 1.56 -0.15	51.00 1.38 -0.39	45.48 1.13 0.00	36.40 0.89 0.00
GREENLWN_69_KV_BK 3 55738	40.71 1.19 -8.91	28.15 1.17 -1.99	33.18 1.18 -9.04	20.72 1.07 -0.01	23.08 1.06 -2.25	26.33 1.00 -4.97	30.57 0.85 -5.27	40.07 1.17 -8.40	38.19 1.50 -0.88	40.72 1.64 -8.55	48.71 1.41 -17.44	29.28 1.32 -2.34	35.88 1.48 -4.87	35.62 1.60 -2.17	37.09 1.42 -0.81	42.63 1.20 -4.31	41.70 1.21 0.00	47.99 1.04 -0.01	54.85 1.42 0.00	105.58 2.43 -24.55	62.55 1.49 -9.67	67.37 1.50 -16.63	46.46 1.21 -0.91	37.91 0.96 -1.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
GRISSOM___SOLAR 323813	32.18 1.57 0.00	26.27 1.28 0.00	24.09 1.14 0.00	20.61 0.96 0.00	20.73 0.97 0.00	21.35 1.00 0.00	25.56 1.12 0.00	31.86 1.36 0.00	37.11 1.31 0.00	30.35 0.51 0.69	29.95 0.52 0.44	25.90 0.47 0.19	30.05 0.51 0.00	32.42 0.59 0.02	34.94 0.48 0.40	35.95 0.94 2.11	42.05 1.56 0.00	49.21 2.26 0.00	56.45 3.01 0.00	83.20 4.60 0.00	54.37 2.98 0.00	52.06 2.83 0.00	46.85 2.50 0.00	37.39 1.88 0.00
GROVEVILLE___HYD 323602	31.66 1.05 0.00	26.01 1.02 0.00	23.95 1.00 0.00	20.57 0.92 0.00	20.69 0.92 0.00	21.23 0.88 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.27 1.47 0.00	33.07 1.43 -1.11	32.02 1.45 -0.71	27.14 1.20 -0.31	30.92 1.38 0.00	33.40 1.51 -0.04	37.16 1.53 -0.77	42.67 1.46 -4.11	41.97 1.48 0.00	48.56 1.61 0.00	55.43 1.99 0.00	81.60 3.00 0.00	53.38 1.98 0.00	51.23 2.00 0.00	46.02 1.68 0.00	36.81 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	30.99 0.38 0.00	25.27 0.28 0.00	23.20 0.24 0.00	19.78 0.13 0.00	19.91 0.14 0.00	20.44 0.08 0.00	24.36 -0.08 0.00	30.38 -0.12 0.00	35.79 -0.02 0.00	30.53 0.01 0.00	29.87 0.01 0.00	25.63 0.01 0.00	29.55 0.02 0.00	31.94 0.09 0.00	35.05 0.19 0.00	37.32 0.20 0.00	40.72 0.24 0.00	47.28 0.34 0.00	53.88 0.44 0.00	79.30 0.70 0.00	52.27 0.46 -0.42	50.73 0.39 -1.11	44.67 0.32 -0.01	35.79 0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.28 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.28 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.85 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
HARDSCRABBLE_WT_PWR 323673	30.41 -0.20 0.00	24.97 -0.02 0.00	23.04 0.09 0.00	19.82 0.16 0.00	19.93 0.16 0.00	20.49 0.14 0.00	24.37 -0.06 0.00	30.39 -0.11 0.00	35.19 -0.62 0.00	29.79 -0.74 0.00	29.00 -0.86 0.00	24.89 -0.73 0.00	28.68 -0.86 0.00	30.96 -0.89 0.00	33.79 -1.07 0.00	36.21 -0.90 0.00	39.80 -0.69 0.00	46.51 -0.43 0.00	53.40 -0.04 0.00	78.82 0.22 0.00	51.38 -0.01 0.00	49.15 -0.08 0.00	44.12 -0.22 0.00	35.41 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.56 0.95 0.00	25.92 0.93 0.00	23.86 0.91 0.00	20.46 0.81 0.00	20.57 0.81 0.00	21.11 0.76 0.00	25.15 0.72 0.00	31.58 1.08 0.00	37.17 1.37 0.00	32.99 1.39 -1.07	31.96 1.42 -0.68	27.11 1.18 -0.30	30.91 1.38 0.00	33.41 1.52 -0.04	37.11 1.51 -0.74	42.46 1.41 -3.93	41.92 1.43 0.00	48.44 1.49 0.00	55.22 1.79 0.00	81.26 2.65 0.00	53.15 1.76 0.00	51.06 1.82 0.00	45.88 1.54 0.00	36.68 1.17 0.00
HARSNRAD_115KV_TB1 81005	31.27 0.65 0.00	25.46 0.47 0.00	23.15 0.20 0.00	19.53 -0.13 0.00	19.62 -0.15 0.00	20.11 -0.24 0.00	23.91 -0.53 0.00	29.79 -0.71 0.00	35.75 -0.05 0.00	30.53 0.01 0.00	30.02 0.16 0.00	25.77 0.16 0.00	29.61 0.08 0.00	32.03 0.18 0.00	35.38 0.53 0.00	37.45 0.34 0.00	40.88 0.39 0.00	47.67 0.72 0.00	54.06 0.63 0.00	79.50 0.90 0.00	52.10 0.71 0.00	49.70 0.47 0.00	45.17 0.83 0.00	36.38 0.87 0.00
HARZA MOOSE___RIVER 24016	31.43 0.82 0.00	25.68 0.69 0.00	23.58 0.62 0.00	20.14 0.49 0.00	20.27 0.51 0.00	20.81 0.46 0.00	25.00 0.56 0.00	31.23 0.73 0.00	36.57 0.76 0.00	31.12 0.59 0.00	30.39 0.53 0.00	26.03 0.41 0.00	30.00 0.46 0.00	32.31 0.46 0.00	35.41 0.56 0.00	37.82 0.71 0.00	41.43 0.94 0.00	48.33 1.39 0.00	55.10 1.67 0.00	81.25 2.65 0.00	53.02 1.51 -0.12	51.23 1.69 -0.31	46.03 1.69 0.00	36.68 1.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.61 0.00 0.00	24.98 -0.01 0.00	22.94 -0.02 0.00	19.60 -0.05 0.00	19.72 -0.04 0.00	20.23 -0.12 0.00	24.12 -0.32 0.00	30.07 -0.43 0.00	35.40 -0.41 0.00	30.21 -0.32 0.00	29.60 -0.26 0.00	25.40 -0.22 0.00	29.28 -0.25 0.00	31.59 -0.26 0.00	34.63 -0.23 0.00	36.83 -0.28 0.00	40.21 -0.28 0.00	46.59 -0.35 0.00	53.10 -0.34 0.00	78.12 -0.48 0.00	51.28 -0.35 -0.24	49.51 -0.36 -0.64	43.98 -0.37 0.00	35.27 -0.24 0.00
HELLGATE_13_KV_LD 55870	31.73 1.12 0.00	26.16 1.17 0.00	24.09 1.13 0.00	20.67 1.02 0.00	20.76 1.00 0.00	21.36 1.01 0.00	25.45 1.02 0.00	31.94 1.44 0.00	37.61 1.81 0.00	33.52 1.83 -1.17	32.44 1.84 -0.74	27.51 1.56 -0.33	31.31 1.77 0.00	33.79 1.90 -0.04	37.58 1.91 -0.81	43.18 1.76 -4.31	42.29 1.80 0.00	48.64 1.70 0.00	55.36 1.93 0.00	81.40 2.80 0.00	53.25 1.86 0.00	51.15 1.92 0.00	46.04 1.69 0.00	36.83 1.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.73 1.12 0.00	26.16 1.17 0.00	24.09 1.13 0.00	20.67 1.02 0.00	20.76 1.00 0.00	21.36 1.01 0.00	25.45 1.02 0.00	31.94 1.44 0.00	37.61 1.81 0.00	33.52 1.83 -1.17	32.44 1.84 -0.74	27.51 1.56 -0.33	31.31 1.77 0.00	33.79 1.90 -0.04	37.58 1.91 -0.81	43.18 1.76 -4.31	42.29 1.80 0.00	48.64 1.70 0.00	55.36 1.93 0.00	81.40 2.80 0.00	53.25 1.86 0.00	51.15 1.92 0.00	46.04 1.69 0.00	36.83 1.32 0.00
HEMPSTEAD___ 23647	44.80 1.16 -13.03	29.03 1.13 -2.90	37.31 1.13 -13.23	20.70 1.03 -0.01	24.07 1.01 -3.29	28.59 0.96 -7.28	33.04 0.90 -7.71	44.09 1.30 -12.28	38.71 1.62 -1.29	44.17 1.68 -11.96	56.59 1.57 -25.16	30.25 1.36 -3.27	38.22 1.56 -7.12	36.70 1.70 -3.15	37.23 1.56 -0.81	42.85 1.43 -4.31	41.99 1.50 0.00	48.34 1.38 -0.01	55.14 1.70 0.00	118.53 2.52 -37.41	67.29 1.62 -14.27	75.22 1.74 -24.25	47.14 1.48 -1.32	38.79 1.18 -2.10
HICKLING___1 23621	31.64 1.03 0.00	25.73 0.75 0.00	23.55 0.59 0.00	19.96 0.31 0.00	20.14 0.37 0.00	20.63 0.28 0.00	24.69 0.25 0.00	30.90 0.40 0.00	36.54 0.74 0.00	31.16 0.63 0.00	30.66 0.81 0.00	26.22 0.60 0.00	30.15 0.61 0.00	32.62 0.77 0.00	35.92 1.07 0.00	38.18 1.06 0.00	41.71 1.22 0.00	48.22 1.28 0.00	54.93 1.50 0.00	81.14 2.54 0.00	53.17 1.63 -0.15	51.02 1.41 -0.38	45.47 1.12 0.00	36.43 0.92 0.00
HICKLING___2 23622	31.64 1.03 0.00	25.73 0.75 0.00	23.55 0.59 0.00	19.96 0.31 0.00	20.14 0.37 0.00	20.63 0.28 0.00	24.69 0.25 0.00	30.90 0.40 0.00	36.54 0.74 0.00	31.16 0.63 0.00	30.66 0.81 0.00	26.22 0.60 0.00	30.15 0.61 0.00	32.62 0.77 0.00	35.92 1.07 0.00	38.18 1.06 0.00	41.71 1.22 0.00	48.22 1.28 0.00	54.93 1.50 0.00	81.14 2.54 0.00	53.17 1.63 -0.15	51.02 1.41 -0.38	45.47 1.12 0.00	36.43 0.92 0.00
HIGH FALLS___HY 23754	31.57 0.97 0.00	25.92 0.93 0.00	23.84 0.89 0.00	20.45 0.80 0.00	20.56 0.79 0.00	21.11 0.76 0.00	25.18 0.74 0.00	31.64 1.14 0.00	37.27 1.47 0.00	32.78 1.49 -0.77	31.83 1.48 -0.49	27.03 1.19 -0.22	30.91 1.38 0.00	33.16 1.28 -0.03	36.64 1.25 -0.53	41.12 1.17 -2.84	41.66 1.17 0.00	48.13 1.18 0.00	54.98 1.54 0.00	81.40 2.79 0.00	53.24 1.85 0.00	51.12 1.89 0.00	45.92 1.58 0.00	36.69 1.18 0.00
HIGH_RIVER___SOLAR 323847	31.58 0.97 0.00	25.85 0.86 0.00	23.74 0.79 0.00	20.36 0.71 0.00	20.48 0.70 0.00	21.03 0.68 0.00	25.13 0.69 0.00	31.27 0.77 0.00	36.48 0.67 0.00	30.10 0.26 0.69	29.64 0.22 0.44	25.58 0.15 0.19	29.76 0.23 0.00	32.11 0.29 0.02	34.54 0.11 0.43	35.13 0.30 2.29	41.18 0.69 0.00	48.13 1.19 0.00	55.21 1.78 0.00	81.33 2.73 0.00	53.16 1.77 0.00	50.95 1.72 0.00	45.82 1.48 0.00	36.70 1.19 0.00
HILLBURN___GT 23639	31.55 0.93 0.00	25.92 0.93 0.00	23.86 0.90 0.00	20.46 0.80 0.00	20.56 0.79 0.00	21.09 0.74 0.00	25.13 0.69 0.00	31.54 1.04 0.00	37.12 1.32 0.00	32.99 1.37 -1.09	31.98 1.43 -0.69	27.11 1.19 -0.31	30.90 1.37 0.00	33.39 1.50 -0.04	37.09 1.48 -0.76	42.48 1.35 -4.02	41.84 1.36 0.00	48.30 1.35 0.00	55.04 1.61 0.00	80.95 2.35 0.00	52.98 1.58 0.00	50.91 1.68 0.00	45.78 1.44 0.00	36.60 1.09 0.00
HILLSIDE_115KV_TB1 80332	30.99 0.38 0.00	25.19 0.20 0.00	23.10 0.14 0.00	19.59 -0.06 0.00	19.77 0.00 0.00	20.21 -0.14 0.00	24.18 -0.26 0.00	30.27 -0.23 0.00	35.72 -0.09 0.00	30.46 -0.07 0.00	30.00 0.14 0.00	25.67 0.05 0.00	29.52 -0.02 0.00	31.91 0.06 0.00	35.13 0.27 0.00	37.32 0.21 0.00	40.72 0.24 0.00	47.05 0.11 0.00	53.63 0.19 0.00	79.22 0.61 0.00	51.92 0.37 -0.15	49.94 0.30 -0.40	44.47 0.13 0.00	35.59 0.08 0.00

HISHELDN_WT_PWR 323625	31.34 0.73 0.00	25.49 0.50 0.00	23.23 0.27 0.00	19.61 -0.04 0.00	19.77 0.00 0.00	20.28 -0.07 0.00	24.10 -0.34 0.00	30.12 -0.38 0.00	36.00 0.20 0.00	30.74 0.21 0.00	30.21 0.35 0.00	25.85 0.23 0.00	29.75 0.21 0.00	32.20 0.34 0.00	35.53 0.68 0.00	37.68 0.56 0.00	41.16 0.67 0.00	47.77 0.83 0.00	54.18 0.75 0.00	79.97 1.37 0.00	52.36 0.97 0.00	49.93 0.69 0.00	45.18 0.84 0.00	36.31 0.80 0.00
HOLTSVILLE_IC_1 23690	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
HOLTSVILLE_IC_10 23699	41.02 1.68 -8.73	28.48 1.54 -1.95	33.40 1.58 -8.86	21.09 1.43 -0.01	23.37 1.40 -2.21	26.52 1.30 -4.88	30.72 1.11 -5.17	40.26 1.54 -8.23	38.62 1.95 -0.86	41.14 2.21 -8.40	48.97 2.00 -17.11	29.51 1.59 -2.30	36.03 1.72 -4.78	35.82 1.84 -2.13	37.36 1.69 -0.81	43.08 1.66 -4.31	42.33 1.84 0.00	48.65 1.70 -0.01	55.71 2.28 0.00	106.14 3.45 -24.09	63.09 2.22 -9.48	67.76 2.22 -16.31	47.10 1.87 -0.89	38.28 1.35 -1.41
HOLTSVILLE_IC_2 23691	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
HOLTSVILLE_IC_3 23692	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
HOLTSVILLE_IC_4 23693	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
HOLTSVILLE_IC_5 23694	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
HOLTSVILLE_IC_6 23695	41.02 1.68 -8.73	28.48 1.54 -1.95	33.40 1.58 -8.86	21.09 1.43 -0.01	23.37 1.40 -2.21	26.52 1.30 -4.88	30.72 1.11 -5.17	40.26 1.54 -8.23	38.62 1.95 -0.86	41.14 2.21 -8.40	48.97 2.00 -17.11	29.51 1.59 -2.30	36.03 1.72 -4.78	35.82 1.84 -2.13	37.36 1.69 -0.81	43.08 1.66 -4.31	42.33 1.84 0.00	48.65 1.70 -0.01	55.71 2.28 0.00	106.14 3.45 -24.09	63.09 2.22 -9.48	67.76 2.22 -16.31	47.10 1.87 -0.89	38.28 1.35 -1.41
HOLTSVILLE_IC_7 23696	41.02 1.68 -8.73	28.48 1.54 -1.95	33.40 1.58 -8.86	21.09 1.43 -0.01	23.37 1.40 -2.21	26.52 1.30 -4.88	30.72 1.11 -5.17	40.26 1.54 -8.23	38.62 1.95 -0.86	41.14 2.21 -8.40	48.97 2.00 -17.11	29.51 1.59 -2.30	36.03 1.72 -4.78	35.82 1.84 -2.13	37.36 1.69 -0.81	43.08 1.66 -4.31	42.33 1.84 0.00	48.65 1.70 -0.01	55.71 2.28 0.00	106.14 3.45 -24.09	63.09 2.22 -9.48	67.76 2.22 -16.31	47.10 1.87 -0.89	38.28 1.35 -1.41
HOLTSVILLE_IC_8 23697	41.02 1.68 -8.73	28.48 1.54 -1.95	33.40 1.58 -8.86	21.09 1.43 -0.01	23.37 1.40 -2.21	26.52 1.30 -4.88	30.72 1.11 -5.17	40.26 1.54 -8.23	38.62 1.95 -0.86	41.14 2.21 -8.40	48.97 2.00 -17.11	29.51 1.59 -2.30	36.03 1.72 -4.78	35.82 1.84 -2.13	37.36 1.69 -0.81	43.08 1.66 -4.31	42.33 1.84 0.00	48.65 1.70 -0.01	55.71 2.28 0.00	106.14 3.45 -24.09	63.09 2.22 -9.48	67.76 2.22 -16.31	47.10 1.87 -0.89	38.28 1.35 -1.41
HOLTSVILLE_IC_9 23698	41.02 1.68 -8.73	28.48 1.54 -1.95	33.40 1.58 -8.86	21.09 1.43 -0.01	23.37 1.40 -2.21	26.52 1.30 -4.88	30.72 1.11 -5.17	40.26 1.54 -8.23	38.62 1.95 -0.86	41.14 2.21 -8.40	48.97 2.00 -17.11	29.51 1.59 -2.30	36.03 1.72 -4.78	35.82 1.84 -2.13	37.36 1.69 -0.81	43.08 1.66 -4.31	42.33 1.84 0.00	48.65 1.70 -0.01	55.71 2.28 0.00	106.14 3.45 -24.09	63.09 2.22 -9.48	67.76 2.22 -16.31	47.10 1.87 -0.89	38.28 1.35 -1.41
HOMER_HL_115KV_TB2 355744	31.66 1.05 0.00	25.81 0.83 0.00	23.60 0.64 0.00	19.96 0.30 0.00	20.10 0.33 0.00	20.56 0.21 0.00	24.43 -0.01 0.00	30.71 0.21 0.00	36.85 1.05 0.00	31.60 1.07 0.00	31.08 1.22 0.00	26.50 0.88 0.00	30.45 0.92 0.00	32.92 1.07 0.00	36.18 1.32 0.00	38.24 1.13 0.00	41.64 1.16 0.00	48.35 1.41 0.00	54.84 1.41 0.00	81.01 2.41 0.00	52.98 1.59 0.00	50.72 1.48 0.00	45.77 1.42 0.00	36.59 1.08 0.00
HOWARD_WT_PWR 323690	31.73 1.12 0.00	25.83 0.85 0.00	23.58 0.62 0.00	19.92 0.27 0.00	20.12 0.35 0.00	20.65 0.30 0.00	24.66 0.22 0.00	30.88 0.38 0.00	36.59 0.79 0.00	31.18 0.65 0.00	30.67 0.81 0.00	26.12 0.50 0.00	30.04 0.50 0.00	32.49 0.63 0.00	35.81 0.96 0.00	38.01 0.90 0.00	41.61 1.12 0.00	48.19 1.25 0.00	54.87 1.43 0.00	81.17 2.57 0.00	53.13 1.63 -0.11	50.79 1.26 -0.29	45.50 1.16 0.00	36.48 0.97 0.00
HQ_GEN_CEDARS 23644	30.96 0.36 0.00	25.12 0.13 0.00	22.98 0.02 0.00	19.59 -0.06 0.00	19.71 -0.06 0.00	20.44 0.09 0.00	25.02 0.58 0.00	31.28 0.78 0.00	36.81 1.00 0.00	31.30 0.77 0.00	30.57 0.71 0.00	26.26 0.65 0.00	30.28 0.74 0.00	32.68 0.83 0.00	35.81 0.96 0.00	38.20 1.08 0.00	41.70 1.21 0.00	48.41 1.47 0.00	54.53 1.10 0.00	80.15 1.54 0.00	52.73 1.34 0.00	50.47 1.23 0.00	45.51 1.17 0.00	36.21 0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	30.96 0.35 0.00	25.12 0.13 0.00	22.98 0.02 0.00	19.59 -0.06 0.00	19.71 -0.06 0.00	15.86 0.09 4.59	25.02 0.58 0.00	31.28 0.78 0.00	36.81 1.00 0.00	31.30 0.77 0.00	30.57 0.71 0.00	26.27 0.65 0.00	30.28 0.74 0.00	32.68 0.83 0.00	35.81 0.96 0.00	38.19 1.08 0.00	41.70 1.21 0.00	48.41 1.47 0.00	54.53 1.10 0.00	80.15 1.54 0.00	52.73 1.34 0.00	50.47 1.23 0.00	45.51 1.17 0.00	36.21 0.70 0.00

HQ_GEN_IMPORT 323601	30.59 -0.02 0.00	24.87 -0.12 0.00	22.79 -0.16 0.00	19.48 -0.17 0.00	19.60 -0.17 0.00	20.29 -0.06 0.00	24.64 0.20 0.00	30.81 0.31 0.00	36.22 0.41 0.00	30.85 0.32 0.00	30.15 0.29 0.00	25.88 0.26 0.00	29.85 0.31 0.00	32.20 0.34 0.00	35.27 0.41 0.00	37.59 0.48 0.00	41.01 0.53 0.00	47.55 0.61 0.00	53.93 0.49 0.00	79.28 0.67 0.00	51.89 0.50 0.00	49.66 0.43 0.00	44.75 0.41 0.00	35.73 0.22 0.00
HQ_GEN_WHEEL 23651	30.59 -0.02 0.00	24.87 -0.12 0.00	22.79 -0.16 0.00	19.48 -0.17 0.00	19.60 -0.17 0.00	20.29 -0.06 0.00	24.64 0.20 0.00	30.81 0.31 0.00	36.22 0.41 0.00	30.85 0.32 0.00	30.15 0.29 0.00	25.88 0.26 0.00	29.85 0.31 0.00	32.20 0.34 0.00	35.27 0.41 0.00	37.59 0.48 0.00	41.01 0.53 0.00	47.55 0.61 0.00	53.93 0.49 0.00	79.28 0.67 0.00	51.89 0.50 0.00	49.66 0.43 0.00	44.75 0.41 0.00	35.73 0.22 0.00
HUDSON AVE_GT_3 23810	31.65 1.04 0.00	26.04 1.05 0.00	23.99 1.03 0.00	20.59 0.94 0.00	20.70 0.93 0.00	21.26 0.91 0.00	25.33 0.89 0.00	31.79 1.29 0.00	37.40 1.60 0.00	33.35 1.65 -1.17	32.27 1.67 -0.74	27.36 1.41 -0.33	31.13 1.59 0.00	33.61 1.71 -0.04	37.36 1.69 -0.81	42.97 1.55 -4.31	42.05 1.57 0.00	48.45 1.50 0.00	55.16 1.72 0.00	81.07 2.47 0.00	53.02 1.63 0.00	50.93 1.70 0.00	45.83 1.48 0.00	36.66 1.16 0.00
HUDSON AVE_GT_4 23540	31.65 1.04 0.00	26.04 1.05 0.00	23.99 1.03 0.00	20.59 0.94 0.00	20.70 0.93 0.00	21.26 0.91 0.00	25.33 0.89 0.00	31.79 1.29 0.00	37.40 1.60 0.00	33.35 1.65 -1.17	32.27 1.67 -0.74	27.36 1.41 -0.33	31.13 1.59 0.00	33.61 1.71 -0.04	37.36 1.69 -0.81	42.97 1.55 -4.31	42.05 1.57 0.00	48.45 1.50 0.00	55.16 1.72 0.00	81.07 2.47 0.00	53.02 1.63 0.00	50.93 1.70 0.00	45.83 1.48 0.00	36.66 1.16 0.00
HUDSON AVE_GT_5 23657	31.65 1.04 0.00	26.04 1.05 0.00	23.99 1.03 0.00	20.59 0.94 0.00	20.70 0.93 0.00	21.26 0.91 0.00	25.33 0.89 0.00	31.79 1.29 0.00	37.40 1.60 0.00	33.35 1.65 -1.17	32.27 1.67 -0.74	27.36 1.41 -0.33	31.13 1.59 0.00	33.61 1.71 -0.04	37.36 1.69 -0.81	42.97 1.55 -4.31	42.05 1.57 0.00	48.45 1.50 0.00	55.16 1.72 0.00	81.07 2.47 0.00	53.02 1.63 0.00	50.93 1.70 0.00	45.83 1.48 0.00	36.66 1.16 0.00
HUDSON_AVE_10 24168	31.49 0.88 0.00	25.90 0.92 0.00	23.86 0.90 0.00	20.49 0.84 0.01	20.58 0.82 0.01	21.14 0.80 0.01	25.19 0.76 0.01	31.63 1.13 0.00	37.21 1.41 0.00	33.18 1.49 -1.17	32.11 1.50 -0.74	27.21 1.27 -0.33	30.97 1.43 0.00	33.44 1.55 -0.04	37.17 1.50 -0.81	42.76 1.34 -4.31	41.83 1.34 0.00	48.20 1.25 0.00	54.89 1.45 0.00	81.25 1.99 -0.66	52.80 1.34 -0.07	50.64 1.41 0.00	45.61 1.27 0.00	36.52 1.01 0.00
HUDSON___115KV_TB 4 355613	31.08 0.47 0.00	25.52 0.53 0.00	23.53 0.57 0.00	20.27 0.61 0.00	20.40 0.62 0.00	20.92 0.57 0.00	24.94 0.51 0.00	31.06 0.56 0.00	36.06 0.25 0.00	30.16 0.13 0.49	29.66 0.11 0.31	25.61 0.13 0.14	29.61 0.08 0.00	31.90 0.06 0.02	34.54 0.01 0.33	35.43 0.09 1.76	40.86 0.37 0.00	47.57 0.63 0.00	54.57 1.14 0.00	80.38 1.77 0.00	52.60 1.20 0.00	50.41 1.18 0.00	45.19 0.85 0.00	36.19 0.68 0.00
HUNTER MOUNT___DRP 323613	31.23 0.62 0.00	25.62 0.63 0.00	23.62 0.67 0.00	20.35 0.70 0.00	20.48 0.71 0.00	21.01 0.66 0.00	25.07 0.63 0.00	31.21 0.71 0.00	36.19 0.38 0.00	30.46 0.19 0.26	29.86 0.17 0.17	25.72 0.18 0.07	29.67 0.13 0.00	31.98 0.13 0.01	34.82 0.14 0.18	36.43 0.25 0.93	41.06 0.58 0.00	47.86 0.92 0.00	54.94 1.51 0.00	80.86 2.26 0.00	52.91 1.52 0.00	50.69 1.45 0.00	45.41 1.07 0.00	36.35 0.84 0.00
HUNTINGTON_RES_REC 323705	40.54 1.12 -8.81	28.06 1.11 -1.96	33.02 1.12 -8.94	20.68 1.02 -0.01	22.99 1.00 -2.22	26.21 0.94 -4.92	30.43 0.78 -5.21	39.90 1.09 -8.30	38.06 1.39 -0.87	40.54 1.55 -8.46	48.43 1.32 -17.25	29.17 1.23 -2.32	35.73 1.38 -4.81	35.49 1.50 -2.14	36.96 1.29 -0.81	42.49 1.07 -4.31	41.56 1.07 0.00	47.84 0.88 -0.01	54.70 1.27 0.00	105.70 2.91 -24.19	62.42 1.48 -9.55	67.07 1.39 -16.44	46.31 1.08 -0.90	37.77 0.84 -1.43
HUNTLEY___63 23557	31.42 0.81 0.00	25.58 0.59 0.00	23.26 0.31 0.00	19.61 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.14 0.00	24.04 -0.40 0.00	30.03 -0.47 0.00	36.16 0.36 0.00	30.91 0.39 0.00	30.43 0.57 0.00	26.03 0.42 0.00	29.99 0.45 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.85 0.73 0.00	41.30 0.82 0.00	48.19 1.25 0.00	54.54 1.11 0.00	80.13 1.53 0.00	52.46 1.07 0.00	50.02 0.79 0.00	45.50 1.16 0.00	36.64 1.13 0.00
HUNTLEY___64 23558	31.42 0.81 0.00	25.58 0.59 0.00	23.26 0.31 0.00	19.61 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.14 0.00	24.04 -0.40 0.00	30.03 -0.47 0.00	36.16 0.36 0.00	30.91 0.39 0.00	30.43 0.57 0.00	26.03 0.42 0.00	29.99 0.45 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.85 0.73 0.00	41.30 0.82 0.00	48.19 1.25 0.00	54.54 1.11 0.00	80.13 1.53 0.00	52.46 1.07 0.00	50.02 0.79 0.00	45.50 1.16 0.00	36.64 1.13 0.00
HUNTLEY___65 23559	31.42 0.81 0.00	25.58 0.59 0.00	23.26 0.31 0.00	19.61 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.14 0.00	24.04 -0.40 0.00	30.03 -0.47 0.00	36.16 0.36 0.00	30.91 0.39 0.00	30.43 0.57 0.00	26.03 0.42 0.00	29.99 0.45 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.85 0.73 0.00	41.30 0.82 0.00	48.19 1.25 0.00	54.54 1.11 0.00	80.13 1.53 0.00	52.46 1.07 0.00	50.02 0.79 0.00	45.50 1.16 0.00	36.64 1.13 0.00
HUNTLEY___66 23560	31.42 0.81 0.00	25.58 0.59 0.00	23.26 0.31 0.00	19.61 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.14 0.00	24.04 -0.40 0.00	30.03 -0.47 0.00	36.16 0.36 0.00	30.91 0.39 0.00	30.43 0.57 0.00	26.03 0.42 0.00	29.99 0.45 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.85 0.73 0.00	41.30 0.82 0.00	48.19 1.25 0.00	54.54 1.11 0.00	80.13 1.53 0.00	52.46 1.07 0.00	50.02 0.79 0.00	45.50 1.16 0.00	36.64 1.13 0.00
HUNTLEY___67 23561	31.28 0.67 0.00	25.46 0.47 0.00	23.16 0.20 0.00	19.53 -0.12 0.00	19.63 -0.14 0.00	20.12 -0.23 0.00	23.93 -0.51 0.00	29.87 -0.63 0.00	35.88 0.08 0.00	30.66 0.13 0.00	30.13 0.27 0.00	25.85 0.23 0.00	29.74 0.20 0.00	32.16 0.31 0.00	35.45 0.59 0.00	37.54 0.43 0.00	40.99 0.51 0.00	47.80 0.85 0.00	54.20 0.76 0.00	79.65 1.04 0.00	52.13 0.74 0.00	49.71 0.47 0.00	45.14 0.80 0.00	36.33 0.82 0.00
HUNTLEY___68 23562	31.28 0.67 0.00	25.46 0.47 0.00	23.16 0.20 0.00	19.53 -0.12 0.00	19.63 -0.14 0.00	20.12 -0.23 0.00	23.93 -0.51 0.00	29.87 -0.63 0.00	35.88 0.08 0.00	30.66 0.13 0.00	30.13 0.27 0.00	25.85 0.23 0.00	29.74 0.20 0.00	32.16 0.31 0.00	35.45 0.59 0.00	37.54 0.43 0.00	40.99 0.51 0.00	47.80 0.85 0.00	54.20 0.76 0.00	79.65 1.04 0.00	52.13 0.74 0.00	49.71 0.47 0.00	45.14 0.80 0.00	36.33 0.82 0.00

HYLAND___LFGE 323620	32.59 1.98 0.00	26.46 1.47 0.00	24.13 1.17 0.00	20.45 0.80 0.00	20.62 0.85 0.00	21.22 0.87 0.00	25.36 0.92 0.00	31.79 1.29 0.00	37.63 1.83 0.00	31.88 1.35 0.00	31.16 1.30 0.00	26.55 0.93 0.00	30.53 1.00 0.00	32.94 1.09 0.00	36.15 1.30 0.00	37.76 0.65 0.00	41.11 0.63 0.00	48.05 1.11 0.00	53.97 0.54 0.00	80.64 2.04 0.00	53.66 2.27 0.00	51.55 2.32 0.00	47.40 3.06 0.00	38.13 2.62 0.00
INDECK___CORINTH 23802	31.97 1.35 0.00	26.27 1.28 0.00	24.21 1.26 0.00	20.82 1.17 0.00	20.89 1.12 0.00	21.35 1.00 0.00	25.53 1.10 0.00	31.79 1.29 0.00	36.78 0.98 0.00	30.30 0.64 0.87	30.00 0.70 0.55	25.88 0.51 0.25	30.19 0.65 0.00	32.58 0.76 0.03	35.00 0.73 0.59	34.90 0.91 3.12	41.76 1.27 0.00	48.84 1.89 0.00	56.17 2.74 0.00	82.72 4.12 0.00	54.04 2.65 0.00	51.75 2.52 0.00	46.32 1.98 0.00	37.20 1.69 0.00
INDECK___ILION 23567	30.54 -0.07 0.00	25.01 0.02 0.00	23.05 0.10 0.00	19.79 0.14 0.00	19.91 0.14 0.00	20.47 0.11 0.00	24.42 -0.02 0.00	30.46 -0.04 0.00	35.48 -0.32 0.00	30.14 -0.39 0.00	29.43 -0.44 0.00	25.24 -0.37 0.00	29.10 -0.44 0.00	31.39 -0.46 0.00	34.29 -0.56 0.00	36.64 -0.47 0.00	40.13 -0.36 0.00	46.71 -0.23 0.00	53.45 0.01 0.00	78.79 0.18 0.00	51.41 0.03 0.00	49.23 -0.01 0.00	44.24 -0.10 0.00	35.45 -0.06 0.00
INDECK___OLEAN 23982	31.67 1.06 0.00	25.81 0.83 0.00	23.60 0.64 0.00	19.95 0.29 0.00	20.12 0.36 0.00	20.60 0.25 0.00	24.43 -0.01 0.00	30.71 0.21 0.00	36.85 1.05 0.00	31.60 1.07 0.00	31.08 1.23 0.00	26.50 0.88 0.00	30.45 0.92 0.00	32.92 1.07 0.00	36.18 1.33 0.00	38.24 1.13 0.00	41.64 1.16 0.00	48.35 1.41 0.00	54.84 1.41 0.00	81.01 2.40 0.00	52.98 1.59 0.00	50.72 1.49 0.00	45.77 1.42 0.00	36.59 1.08 0.00
INDECK___OSWEGO 23783	30.23 -0.38 0.00	24.68 -0.31 0.00	22.66 -0.29 0.00	19.37 -0.28 0.00	19.50 -0.27 0.00	20.00 -0.36 0.00	23.82 -0.62 0.00	29.67 -0.83 0.00	34.85 -0.96 0.00	29.75 -0.78 0.00	29.11 -0.75 0.00	24.98 -0.64 0.00	28.79 -0.74 0.00	31.03 -0.82 0.00	34.00 -0.86 0.00	36.16 -0.95 0.00	39.46 -1.03 0.00	45.81 -1.13 0.00	52.22 -1.21 0.00	76.90 -1.70 0.00	51.30 -1.15 -1.05	50.89 -1.11 -2.77	43.41 -0.95 -0.02	34.81 -0.70 0.00
INDECK___YERKES 23781	31.44 0.83 0.00	25.60 0.61 0.00	23.27 0.32 0.00	19.61 -0.04 0.00	19.76 -0.01 0.00	20.27 -0.08 0.00	24.06 -0.38 0.00	30.06 -0.44 0.00	36.20 0.40 0.00	30.95 0.42 0.00	30.46 0.61 0.00	26.06 0.44 0.00	30.02 0.48 0.00	32.51 0.66 0.00	35.76 0.90 0.00	37.88 0.77 0.00	41.35 0.86 0.00	48.25 1.31 0.00	54.60 1.16 0.00	80.21 1.61 0.00	52.52 1.13 0.00	50.08 0.84 0.00	45.55 1.21 0.00	36.67 1.16 0.00
INDIAN POINT_GT_1 24139	31.45 0.84 0.00	25.86 0.87 0.00	23.82 0.86 0.00	20.45 0.79 0.00	20.56 0.79 0.00	21.10 0.75 0.00	25.12 0.68 0.00	31.51 1.01 0.00	37.05 1.25 0.00	32.98 1.30 -1.15	31.91 1.32 -0.73	27.05 1.10 -0.33	30.80 1.27 0.00	33.26 1.36 -0.04	36.98 1.32 -0.80	42.56 1.19 -4.26	41.68 1.19 0.00	48.11 1.16 0.00	54.84 1.40 0.00	80.65 2.05 0.00	52.77 1.38 0.00	50.71 1.47 0.00	45.61 1.27 0.00	36.49 0.98 0.00
INDIAN POINT_GT_2 23659	31.45 0.84 0.00	25.86 0.87 0.00	23.82 0.86 0.00	20.45 0.79 0.00	20.56 0.79 0.00	21.10 0.75 0.00	25.12 0.68 0.00	31.51 1.01 0.00	37.05 1.25 0.00	32.98 1.30 -1.15	31.91 1.32 -0.73	27.05 1.10 -0.33	30.80 1.27 0.00	33.26 1.36 -0.04	36.98 1.32 -0.80	42.56 1.19 -4.26	41.68 1.19 0.00	48.11 1.16 0.00	54.84 1.40 0.00	80.65 2.05 0.00	52.77 1.38 0.00	50.71 1.47 0.00	45.61 1.27 0.00	36.49 0.98 0.00
INDIAN POINT_GT_3 24019	31.45 0.84 0.00	25.86 0.87 0.00	23.82 0.86 0.00	20.45 0.79 0.00	20.56 0.79 0.00	21.10 0.75 0.00	25.12 0.68 0.00	31.51 1.01 0.00	37.05 1.25 0.00	32.98 1.30 -1.15	31.91 1.32 -0.73	27.05 1.10 -0.33	30.80 1.27 0.00	33.26 1.36 -0.04	36.98 1.32 -0.80	42.56 1.19 -4.26	41.68 1.19 0.00	48.11 1.16 0.00	54.84 1.40 0.00	80.65 2.05 0.00	52.77 1.38 0.00	50.71 1.47 0.00	45.61 1.27 0.00	36.49 0.98 0.00
INDIAN POINT___2 23530	31.44 0.83 0.00	25.85 0.86 0.00	23.81 0.86 0.00	20.44 0.78 0.00	20.54 0.77 0.00	21.07 0.72 0.00	25.10 0.66 0.00	31.48 0.99 0.00	37.03 1.22 0.00	32.94 1.29 -1.13	31.90 1.32 -0.72	27.02 1.09 -0.32	30.79 1.25 0.00	33.25 1.36 -0.04	36.96 1.32 -0.78	42.46 1.18 -4.16	41.66 1.17 0.00	48.08 1.14 0.00	54.81 1.37 0.00	80.61 2.01 0.00	52.74 1.34 0.00	50.70 1.47 0.00	45.59 1.25 0.00	36.49 0.98 0.00
INDIAN POINT___3 23531	31.43 0.82 0.00	25.85 0.86 0.00	23.81 0.85 0.00	20.44 0.78 0.00	20.55 0.78 0.00	21.08 0.73 0.00	25.10 0.66 0.00	31.48 0.99 0.00	37.02 1.22 0.00	32.95 1.27 -1.16	31.89 1.29 -0.73	27.02 1.08 -0.33	30.77 1.24 0.00	33.22 1.33 -0.04	36.94 1.29 -0.80	42.53 1.16 -4.27	41.64 1.15 0.00	48.07 1.12 0.00	54.80 1.36 0.00	80.61 2.01 0.00	52.74 1.35 0.00	50.68 1.45 0.00	45.58 1.24 0.00	36.48 0.97 0.00
INGHAM_C_115KV_TB7 356103	30.30 -0.31 0.00	24.91 -0.08 0.00	23.03 0.08 0.00	19.84 0.19 0.00	19.97 0.20 0.00	20.51 0.15 0.00	24.33 -0.11 0.00	30.27 -0.22 0.00	34.93 -0.87 0.00	29.49 -1.03 0.00	28.69 -1.16 0.00	24.64 -0.98 0.00	28.38 -1.15 0.00	30.66 -1.19 0.00	33.41 -1.45 0.00	35.88 -1.23 0.00	39.51 -0.98 0.00	46.24 -0.70 0.00	53.23 -0.20 0.00	78.66 0.05 0.00	51.29 -0.10 0.00	49.09 -0.15 0.00	44.00 -0.35 0.00	35.30 -0.21 0.00
IP CORINTH___1 23988	31.97 1.36 0.00	26.27 1.28 0.00	24.21 1.26 0.00	20.82 1.17 0.00	20.90 1.13 0.00	21.35 1.00 0.00	25.53 1.10 0.00	31.79 1.29 0.00	36.78 0.98 0.00	30.30 0.64 0.87	30.00 0.70 0.55	25.88 0.51 0.25	30.19 0.66 0.00	32.58 0.76 0.03	35.00 0.73 0.59	34.90 0.91 3.12	41.76 1.27 0.00	48.84 1.89 0.00	56.18 2.74 0.00	82.72 4.12 0.00	54.05 2.66 0.00	51.75 2.52 0.00	46.32 1.98 0.00	37.20 1.69 0.00
IP___TICONDEROGA 23804	33.99 3.37 0.00	27.83 2.84 0.00	25.78 2.83 0.00	22.16 2.51 0.00	22.14 2.37 0.00	22.79 2.44 0.00	27.31 2.87 0.00	33.55 3.05 0.00	37.86 2.05 0.00	30.71 1.06 0.87	30.66 1.36 0.55	26.21 0.84 0.25	30.77 1.24 0.00	33.26 1.44 0.03	35.53 1.26 0.59	35.46 1.47 3.12	42.54 2.06 0.00	50.68 3.73 0.00	59.48 6.05 0.00	87.77 9.16 0.00	57.63 6.24 0.00	55.29 6.06 0.00	49.03 4.69 0.00	38.71 3.20 0.00
ISLIP_RES_REC 323679	41.18 1.79 -8.78	28.58 1.63 -1.96	33.53 1.67 -8.91	21.16 1.50 -0.01	23.46 1.48 -2.22	26.62 1.38 -4.90	30.84 1.21 -5.19	40.43 1.67 -8.27	38.81 2.14 -0.87	41.35 2.39 -8.43	49.24 2.19 -17.19	29.67 1.74 -2.31	36.20 1.88 -4.80	36.00 2.01 -2.14	37.54 1.87 -0.81	43.30 1.88 -4.31	42.58 2.09 0.00	48.92 1.97 -0.01	56.04 2.60 0.00	106.73 3.91 -24.22	63.43 2.51 -9.52	68.11 2.49 -16.39	47.33 2.09 -0.89	38.43 1.50 -1.42

JAMAICA__27_KV_LOAD 355505	31.56 0.95 0.00	25.96 0.97 0.00	23.90 0.95 0.00	20.51 0.87 0.01	20.60 0.84 0.01	21.16 0.82 0.01	25.22 0.78 0.01	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.56 -1.17	32.16 1.56 -0.74	27.30 1.35 -0.33	31.06 1.52 0.00	33.53 1.64 -0.04	37.27 1.60 -0.81	42.84 1.42 -4.31	41.92 1.43 0.00	48.36 1.42 0.00	55.05 1.61 0.00	81.55 2.13 -0.83	52.91 1.43 -0.09	50.76 1.53 0.00	45.78 1.43 0.00	36.69 1.18 0.00
JANIS__SOLAR 323808	32.10 1.49 0.00	26.18 1.19 0.00	23.99 1.03 0.00	20.48 0.83 0.00	20.66 0.89 0.00	21.24 0.90 0.00	25.42 0.98 0.00	31.79 1.29 0.00	37.41 1.61 0.00	31.70 1.18 0.00	30.88 1.02 0.00	26.44 0.82 0.00	30.49 0.96 0.00	32.89 1.04 0.00	36.15 1.29 0.00	38.58 1.47 0.00	42.23 1.74 0.00	49.12 2.18 0.00	56.14 2.71 0.00	83.03 4.43 0.00	54.40 2.79 -0.21	52.25 2.46 -0.56	46.13 1.79 0.00	36.79 1.28 0.00
JARVIS____ 23743	30.62 0.00 0.00	25.03 0.05 0.00	23.01 0.06 0.00	19.73 0.08 0.00	19.84 0.07 0.00	20.39 0.03 0.00	24.41 -0.03 0.00	30.46 -0.04 0.00	35.70 -0.10 0.00	30.45 -0.08 0.00	29.78 -0.08 0.00	25.54 -0.08 0.00	29.45 -0.09 0.00	31.75 -0.10 0.00	34.73 -0.13 0.00	36.98 -0.13 0.00	40.35 -0.13 0.00	46.77 -0.17 0.00	53.33 -0.11 0.00	78.46 -0.14 0.00	51.26 -0.13 0.00	49.14 -0.10 0.00	44.26 -0.08 0.00	35.48 -0.03 0.00
JENNISON____1 23625	31.97 1.36 0.00	26.15 1.16 0.00	23.87 0.91 0.00	20.42 0.76 0.00	20.61 0.84 0.00	21.21 0.86 0.00	25.30 0.86 0.00	31.68 1.18 0.00	37.35 1.55 0.00	31.96 1.22 -0.21	31.26 1.26 -0.13	26.72 1.04 -0.06	30.75 1.22 0.00	33.15 1.29 -0.01	36.41 1.55 -0.01	38.58 1.47 0.00	42.06 1.57 0.00	48.83 1.89 0.00	55.65 2.21 0.00	82.49 3.89 0.00	54.04 2.49 -0.15	51.74 2.10 -0.40	45.63 1.29 0.00	36.36 0.85 0.00
JENNISON____2 23626	31.97 1.36 0.00	26.15 1.16 0.00	23.87 0.91 0.00	20.42 0.76 0.00	20.61 0.84 0.00	21.21 0.86 0.00	25.30 0.86 0.00	31.68 1.18 0.00	37.35 1.55 0.00	31.96 1.22 -0.21	31.26 1.26 -0.13	26.72 1.04 -0.06	30.75 1.22 0.00	33.15 1.29 -0.01	36.41 1.55 -0.01	38.58 1.47 0.00	42.06 1.57 0.00	48.83 1.89 0.00	55.65 2.21 0.00	82.49 3.89 0.00	54.04 2.49 -0.15	51.74 2.10 -0.40	45.63 1.29 0.00	36.36 0.85 0.00
JERICOHO_RISE_WT_PWR 323719	30.86 0.25 0.00	25.02 0.04 0.00	22.92 -0.03 0.00	19.51 -0.14 0.00	19.61 -0.16 0.00	20.30 -0.05 0.00	24.80 0.36 0.00	31.08 0.58 0.00	36.58 0.78 0.00	31.13 0.60 0.00	30.40 0.54 0.00	26.11 0.49 0.00	30.13 0.59 0.00	32.56 0.71 0.00	35.64 0.79 0.00	38.09 0.98 0.00	41.64 1.15 0.00	48.33 1.38 0.00	54.66 1.22 0.00	80.26 1.66 0.00	52.55 1.16 0.00	50.10 0.87 0.00	44.91 0.56 0.00	35.92 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	31.55 0.94 0.00	25.94 0.96 0.00	23.90 0.94 0.00	20.52 0.87 0.00	20.63 0.87 0.00	21.18 0.83 0.00	25.23 0.79 0.00	31.65 1.15 0.00	37.19 1.39 0.00	33.13 1.42 -1.19	32.05 1.43 -0.76	27.15 1.20 -0.34	30.91 1.38 0.00	33.37 1.48 -0.04	37.13 1.45 -0.82	42.85 1.35 -4.39	41.85 1.36 0.00	48.33 1.39 0.00	55.12 1.69 0.00	81.10 2.49 0.00	53.04 1.65 0.00	50.94 1.70 0.00	45.78 1.44 0.00	36.63 1.13 0.00
KCE_NY_1 323755	31.66 1.05 0.00	25.95 0.96 0.00	23.93 0.97 0.00	20.60 0.95 0.00	20.71 0.95 0.00	21.22 0.87 0.00	25.31 0.87 0.00	31.56 1.06 0.00	36.71 0.91 0.00	30.25 0.65 0.93	29.93 0.66 0.59	25.84 0.49 0.26	30.15 0.61 0.00	32.53 0.71 0.03	34.91 0.68 0.63	34.61 0.83 3.33	41.53 1.05 0.00	48.52 1.58 0.00	55.60 2.17 0.00	81.91 3.30 0.00	53.48 2.09 0.00	51.22 1.99 0.00	45.93 1.59 0.00	36.88 1.37 0.00
KCE_NY_6_ESR 323823	31.56 0.95 0.00	25.68 0.69 0.00	23.37 0.41 0.00	19.70 0.05 0.00	19.83 0.06 0.00	20.36 0.01 0.00	24.18 -0.26 0.00	30.24 -0.26 0.00	36.34 0.54 0.00	31.07 0.54 0.00	30.53 0.67 0.00	26.16 0.54 0.00	30.13 0.59 0.00	32.59 0.74 0.00	35.94 1.08 0.00	38.04 0.93 0.00	41.56 1.08 0.00	48.41 1.47 0.00	54.97 1.53 0.00	80.81 2.21 0.00	52.91 1.52 0.00	50.44 1.21 0.00	45.71 1.37 0.00	36.73 1.22 0.00
KEDC_PORT_JEFF_GT2 24210	40.99 1.67 -8.71	28.46 1.53 -1.94	33.36 1.57 -8.84	21.08 1.42 -0.01	23.36 1.39 -2.20	26.49 1.28 -4.86	30.68 1.09 -5.15	40.22 1.51 -8.21	38.59 1.93 -0.86	41.09 2.18 -8.38	48.90 1.98 -17.06	29.48 1.57 -2.30	35.99 1.69 -4.76	35.80 1.83 -2.12	37.34 1.67 -0.81	43.05 1.63 -4.31	42.31 1.82 0.00	48.55 1.59 -0.01	55.53 2.09 0.00	105.71 3.08 -24.02	62.72 1.88 -9.45	67.46 1.96 -16.26	47.07 1.84 -0.89	38.25 1.33 -1.41
KEDC_PORT_JEFF_GT3 24211	40.99 1.67 -8.71	28.46 1.53 -1.94	33.36 1.57 -8.84	21.08 1.42 -0.01	23.36 1.39 -2.20	26.49 1.28 -4.86	30.68 1.09 -5.15	40.22 1.51 -8.21	38.59 1.93 -0.86	41.09 2.18 -8.38	48.90 1.98 -17.06	29.48 1.57 -2.30	35.99 1.69 -4.76	35.80 1.83 -2.12	37.34 1.67 -0.81	43.05 1.63 -4.31	42.31 1.82 0.00	48.55 1.59 -0.01	55.53 2.09 0.00	105.71 3.08 -24.02	62.72 1.88 -9.45	67.46 1.96 -16.26	47.07 1.84 -0.89	38.25 1.33 -1.41
KEDC_GLWD_GT4 24219	46.95 1.25 -15.09	29.57 1.21 -3.37	39.46 1.19 -15.31	20.75 1.08 -0.02	24.64 1.06 -3.81	29.80 1.02 -8.42	34.36 1.00 -8.92	46.14 1.43 -14.22	39.03 1.74 -1.50	45.90 1.71 -13.66	60.50 1.63 -29.01	30.76 1.40 -3.74	39.48 1.70 -8.25	37.33 1.83 -3.64	37.43 1.76 -0.81	43.08 1.66 -4.31	42.21 1.72 0.00	48.47 1.51 -0.02	55.09 1.66 0.00	124.45 2.46 -43.38	69.56 1.61 -16.55	79.04 1.69 -28.12	47.45 1.58 -1.53	39.30 1.35 -2.44
KEDC_GLWD_GT5 24220	46.95 1.25 -15.09	29.57 1.21 -3.37	39.46 1.19 -15.31	20.75 1.08 -0.02	24.64 1.06 -3.81	29.80 1.02 -8.42	34.36 1.00 -8.92	46.14 1.43 -14.22	39.03 1.74 -1.50	45.90 1.71 -13.66	60.50 1.63 -29.01	30.76 1.40 -3.74	39.48 1.70 -8.25	37.33 1.83 -3.64	37.43 1.76 -0.81	43.08 1.66 -4.31	42.21 1.72 0.00	48.47 1.51 -0.02	55.09 1.66 0.00	124.45 2.46 -43.38	69.56 1.61 -16.55	79.04 1.69 -28.12	47.45 1.58 -1.53	39.30 1.35 -2.44
KENSICO____ 23655	31.52 0.91 0.00	25.92 0.93 0.00	23.88 0.92 0.00	20.50 0.85 0.00	20.61 0.84 0.00	21.16 0.81 0.00	25.20 0.75 0.00	31.61 1.10 0.00	37.15 1.35 0.00	33.09 1.40 -1.17	32.01 1.41 -0.74	27.13 1.18 -0.33	30.89 1.35 0.00	33.35 1.46 -0.04	37.08 1.41 -0.81	42.70 1.28 -4.31	41.78 1.30 0.00	48.22 1.27 0.00	54.96 1.52 0.00	80.81 2.20 0.00	52.85 1.46 0.00	50.78 1.55 0.00	45.67 1.33 0.00	36.56 1.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.52 0.91 0.00	25.88 0.89 0.00	23.81 0.85 0.00	20.42 0.77 0.00	20.54 0.77 0.00	21.09 0.73 0.00	25.15 0.71 0.00	31.58 1.07 0.00	37.15 1.35 0.00	32.72 1.34 -0.84	31.74 1.34 -0.54	26.94 1.08 -0.24	30.77 1.23 0.00	32.96 1.08 -0.03	36.49 1.05 -0.59	41.20 0.97 -3.12	41.47 0.98 0.00	47.94 0.99 0.00	54.80 1.36 0.00	81.24 2.64 0.00	53.14 1.74 0.00	51.02 1.79 0.00	45.81 1.47 0.00	36.61 1.10 0.00

KIAC_JFK_GT1 23816	31.38 0.77 0.00	25.82 0.83 0.00	23.76 0.81 0.00	20.41 0.76 0.01	20.50 0.74 0.01	21.05 0.71 0.01	25.08 0.65 0.01	31.51 1.01 0.00	36.96 1.16 0.00	32.95 1.26 -1.17	31.86 1.26 -0.74	27.04 1.09 -0.33	30.76 1.23 0.00	33.21 1.32 -0.04	36.92 1.26 -0.81	42.48 1.05 -4.31	41.52 1.03 0.00	47.89 0.95 0.00	54.51 1.08 0.00	80.75 1.33 -0.83	52.40 0.91 -0.09	50.26 1.02 0.00	45.34 1.00 0.00	36.46 0.95 0.00
KIAC_JFK_GT2 23817	31.38 0.77 0.00	25.82 0.83 0.00	23.76 0.81 0.00	20.41 0.76 0.01	20.50 0.74 0.01	21.05 0.71 0.01	25.08 0.65 0.01	31.51 1.01 0.00	36.96 1.16 0.00	32.95 1.26 -1.17	31.86 1.26 -0.74	27.04 1.09 -0.33	30.76 1.23 0.00	33.21 1.32 -0.04	36.92 1.26 -0.81	42.48 1.05 -4.31	41.52 1.03 0.00	47.89 0.95 0.00	54.51 1.08 0.00	80.75 1.33 -0.83	52.40 0.91 -0.09	50.26 1.02 0.00	45.34 1.00 0.00	36.46 0.95 0.00
KIAC_JFK____ 323774	31.39 0.77 0.00	25.82 0.83 0.00	23.76 0.81 0.00	20.41 0.77 0.01	20.49 0.73 0.01	21.04 0.70 0.01	25.08 0.65 0.01	31.51 1.01 0.00	36.97 1.16 0.00	32.95 1.25 -1.17	31.87 1.26 -0.74	27.04 1.09 -0.33	30.76 1.23 0.00	33.21 1.32 -0.04	36.92 1.26 -0.81	42.47 1.05 -4.31	41.52 1.03 0.00	47.89 0.95 0.00	54.51 1.08 0.00	80.74 1.32 -0.83	52.40 0.91 -0.09	50.25 1.02 0.00	45.34 1.00 0.00	36.46 0.95 0.00
KINTIGH__24_KV_GSU 356498	31.17 0.56 0.00	25.39 0.40 0.00	23.13 0.18 0.00	19.55 -0.10 0.00	19.68 -0.08 0.00	20.19 -0.16 0.00	23.97 -0.47 0.00	29.89 -0.61 0.00	35.76 -0.04 0.00	30.56 0.03 0.00	30.01 0.15 0.00	25.74 0.13 0.00	29.61 0.08 0.00	32.02 0.17 0.00	35.26 0.41 0.00	37.36 0.25 0.00	40.76 0.28 0.00	47.48 0.54 0.00	53.88 0.44 0.00	79.22 0.61 0.00	51.84 0.44 0.00	49.49 0.26 0.00	44.87 0.53 0.00	36.10 0.59 0.00
KINTIGH____ 23543	31.14 0.53 0.00	25.37 0.38 0.00	23.12 0.16 0.00	19.55 -0.10 0.00	19.64 -0.12 0.00	20.14 -0.21 0.00	23.95 -0.49 0.00	29.87 -0.63 0.00	35.74 -0.06 0.00	30.53 0.00 0.00	29.99 0.13 0.00	25.73 0.11 0.00	29.59 0.06 0.00	32.00 0.15 0.00	35.24 0.39 0.00	37.33 0.22 0.00	40.74 0.26 0.00	47.46 0.51 0.00	53.85 0.41 0.00	79.15 0.55 0.00	51.80 0.41 0.00	49.46 0.22 0.00	44.85 0.50 0.00	36.07 0.57 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.32 0.71 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.89 0.12 0.00	20.57 0.22 0.00	25.11 0.67 0.00	31.43 0.93 0.00	36.96 1.16 0.00	31.43 0.90 0.00	30.66 0.81 0.00	26.33 0.71 0.00	30.42 0.88 0.00	32.93 1.07 0.00	36.01 1.15 0.00	38.60 1.49 0.00	42.23 1.75 0.00	49.07 2.13 0.00	55.51 2.07 0.00	81.65 3.05 0.00	53.46 2.07 0.00	50.96 1.73 0.00	45.54 1.20 0.00	36.49 0.98 0.00
LACHUTE____HYDRO 323717	33.99 3.37 0.00	27.83 2.84 0.00	25.78 2.83 0.00	22.16 2.51 0.00	22.14 2.37 0.00	22.79 2.44 0.00	27.31 2.87 0.00	33.55 3.05 0.00	37.86 2.06 0.00	30.71 1.05 0.87	30.66 1.35 0.55	26.21 0.84 0.25	30.77 1.24 0.00	33.26 1.44 0.03	35.53 1.26 0.59	35.46 1.47 3.12	42.54 2.06 0.00	50.68 3.73 0.00	59.48 6.04 0.00	87.76 9.16 0.00	57.62 6.23 0.00	55.29 6.06 0.00	49.03 4.69 0.00	38.71 3.20 0.00
LAWRNCV_115KV_TB1 80681	31.09 0.48 0.00	25.23 0.24 0.00	23.07 0.11 0.00	19.66 0.01 0.00	19.78 0.01 0.00	20.50 0.15 0.00	25.11 0.67 0.00	31.37 0.87 0.00	36.87 1.07 0.00	31.33 0.80 0.00	30.62 0.76 0.00	26.28 0.67 0.00	30.28 0.75 0.00	32.69 0.84 0.00	35.81 0.96 0.00	38.21 1.10 0.00	41.74 1.25 0.00	48.51 1.57 0.00	54.66 1.23 0.00	80.46 1.86 0.00	53.00 1.61 0.00	50.77 1.54 0.00	45.85 1.51 0.00	36.45 0.94 0.00
LEDERLE____ 23769	31.76 1.15 0.00	26.09 1.10 0.00	23.99 1.04 0.00	20.55 0.90 0.00	20.65 0.89 0.00	21.19 0.84 0.00	25.24 0.81 0.00	31.68 1.18 0.00	37.30 1.49 0.00	33.17 1.53 -1.11	32.13 1.57 -0.71	27.25 1.32 -0.31	31.05 1.52 0.00	33.55 1.66 -0.04	37.29 1.66 -0.77	42.75 1.54 -4.10	42.06 1.58 0.00	48.55 1.61 0.00	55.32 1.88 0.00	81.37 2.77 0.00	53.25 1.86 0.00	51.17 1.93 0.00	45.99 1.65 0.00	36.77 1.27 0.00
LIGHTHSE_115KV_TB6 355974	30.81 0.20 0.00	25.15 0.16 0.00	23.09 0.13 0.00	19.70 0.05 0.00	19.82 0.05 0.00	20.31 -0.04 0.00	24.26 -0.18 0.00	30.26 -0.24 0.00	35.52 -0.28 0.00	30.27 -0.26 0.00	29.65 -0.21 0.00	25.41 -0.20 0.00	29.23 -0.30 0.00	31.48 -0.37 0.00	34.54 -0.32 0.00	36.72 -0.39 0.00	40.11 -0.38 0.00	46.70 -0.24 0.00	53.39 -0.05 0.00	78.69 0.09 0.00	51.90 -0.02 -0.53	50.84 0.21 -1.39	44.63 0.28 -0.01	35.68 0.17 0.00
LINDEN COGEN____ 23786	31.49 0.88 0.00	25.90 0.92 0.00	23.86 0.91 0.00	20.49 0.84 0.00	20.58 0.81 0.00	21.13 0.78 0.00	25.18 0.74 0.00	31.61 1.11 0.00	37.19 1.38 0.00	33.16 1.47 -1.17	32.11 1.50 -0.74	27.20 1.25 -0.33	30.95 1.41 0.00	33.42 1.53 -0.04	37.14 1.47 -0.81	42.73 1.31 -4.31	41.78 1.29 0.00	48.15 1.20 0.00	54.79 1.36 0.00	80.52 1.92 0.00	52.66 1.27 0.00	50.59 1.35 0.00	45.53 1.19 0.00	36.42 0.91 0.00
LINDHRST_69_KV_BK1 356055	42.00 1.63 -9.76	28.66 1.49 -2.18	34.34 1.48 -9.90	20.99 1.33 -0.01	23.54 1.31 -2.46	27.06 1.26 -5.45	31.40 1.19 -5.77	41.36 1.67 -9.20	38.92 2.15 -0.97	41.98 2.21 -9.25	50.90 2.01 -19.03	29.88 1.72 -2.53	36.78 1.91 -5.34	36.28 2.06 -2.37	37.57 1.91 -0.81	43.24 1.82 -4.31	42.45 1.97 0.00	48.93 1.97 -0.01	55.97 2.53 0.00	109.66 3.86 -27.20	64.49 2.49 -10.61	69.95 2.52 -18.20	47.41 2.08 -0.99	38.66 1.57 -1.58
LIPA_MISC_IPP 23656	40.85 1.55 -8.69	28.37 1.45 -1.94	33.30 1.53 -8.81	21.05 1.39 -0.01	23.34 1.37 -2.19	26.41 1.21 -4.85	30.49 0.92 -5.14	39.93 1.24 -8.18	38.25 1.58 -0.86	40.87 1.99 -8.36	48.63 1.76 -17.01	29.20 1.29 -2.29	35.64 1.35 -4.75	35.41 1.44 -2.11	36.93 1.26 -0.81	42.65 1.23 -4.31	41.89 1.41 0.00	48.15 1.20 -0.01	55.17 1.73 0.00	105.27 2.74 -23.92	62.55 1.74 -9.42	67.19 1.74 -16.21	46.61 1.39 -0.88	37.89 0.98 -1.41
LISF____SOLAR 323691	40.92 1.61 -8.70	28.42 1.50 -1.94	33.35 1.58 -8.83	21.10 1.44 -0.01	23.38 1.41 -2.20	26.46 1.25 -4.85	30.55 0.97 -5.14	40.00 1.30 -8.19	38.33 1.66 -0.86	40.94 2.05 -8.37	48.71 1.82 -17.04	29.24 1.33 -2.29	35.68 1.39 -4.75	35.47 1.50 -2.12	36.96 1.30 -0.81	42.71 1.28 -4.31	41.96 1.48 0.00	48.24 1.29 -0.01	55.28 1.84 0.00	105.47 2.91 -23.96	62.68 1.86 -9.43	67.32 1.85 -16.24	46.70 1.48 -0.88	37.95 1.04 -1.41
LITTLE FALLS____HYD 24013	30.30 -0.31 0.00	24.91 -0.08 0.00	23.03 0.08 0.00	19.84 0.19 0.00	19.97 0.20 0.00	20.51 0.15 0.00	24.33 -0.11 0.00	30.27 -0.22 0.00	34.93 -0.87 0.00	29.49 -1.03 0.00	28.69 -1.16 0.00	24.64 -0.98 0.00	28.38 -1.15 0.00	30.66 -1.19 0.00	33.41 -1.45 0.00	35.88 -1.23 0.00	39.51 -0.98 0.00	46.24 -0.70 0.00	53.23 -0.20 0.00	78.66 0.05 0.00	51.29 -0.10 0.00	49.09 -0.15 0.00	44.00 -0.35 0.00	35.30 -0.21 0.00

LITTLRIV_115KV_TB1 356100	31.49 0.88 0.00	25.53 0.54 0.00	23.33 0.38 0.00	19.87 0.22 0.00	20.00 0.23 0.00	20.75 0.40 0.00	25.45 1.01 0.00	31.68 1.18 0.00	37.18 1.38 0.00	31.55 1.02 0.00	30.87 1.01 0.00	26.47 0.85 0.00	30.43 0.89 0.00	32.87 1.02 0.00	35.97 1.11 0.00	38.38 1.27 0.00	41.97 1.48 0.00	48.98 2.03 0.00	55.05 1.61 0.00	81.36 2.76 0.00	53.92 2.53 0.00	51.74 2.50 0.00	46.64 2.30 0.00	37.06 1.55 0.00
LI_NEWBRDGE___DRP 323616	39.82 1.12 -8.08	27.89 1.10 -1.81	32.27 1.11 -8.20	20.67 1.01 -0.01	22.81 1.00 -2.04	25.81 0.94 -4.51	30.05 0.83 -4.78	39.32 1.20 -7.61	38.10 1.50 -0.80	40.00 1.61 -7.86	47.20 1.45 -15.88	29.05 1.28 -2.16	35.39 1.43 -4.42	35.39 1.57 -1.97	37.10 1.43 -0.81	42.71 1.29 -4.31	41.82 1.34 0.00	48.14 1.19 -0.01	54.99 1.55 0.00	102.90 2.38 -21.92	61.65 1.52 -8.74	65.97 1.63 -15.10	46.51 1.35 -0.82	37.86 1.04 -1.31
LOCKPORT_115KV_TB60_63_64 80432	31.28 0.66 0.00	25.47 0.48 0.00	23.15 0.20 0.00	19.53 -0.12 0.00	19.63 -0.13 0.00	20.12 -0.23 0.00	23.92 -0.52 0.00	29.80 -0.71 0.00	35.76 -0.04 0.00	30.55 0.02 0.00	30.03 0.17 0.00	25.78 0.16 0.00	29.62 0.08 0.00	32.04 0.19 0.00	35.41 0.55 0.00	37.48 0.37 0.00	40.91 0.42 0.00	47.71 0.76 0.00	54.12 0.68 0.00	79.58 0.97 0.00	52.17 0.77 0.00	49.77 0.54 0.00	45.22 0.88 0.00	36.42 0.91 0.00
LOCKPORT___CC1 323769	31.27 0.66 0.00	25.46 0.47 0.00	23.15 0.20 0.00	19.51 -0.14 0.00	19.65 -0.12 0.00	20.15 -0.20 0.00	23.91 -0.53 0.00	29.79 -0.71 0.00	35.75 -0.05 0.00	30.54 0.01 0.00	30.02 0.16 0.00	25.77 0.15 0.00	29.61 0.08 0.00	32.03 0.18 0.00	35.38 0.53 0.00	37.45 0.34 0.00	40.88 0.39 0.00	47.67 0.72 0.00	54.06 0.62 0.00	79.50 0.90 0.00	52.10 0.71 0.00	49.70 0.47 0.00	45.17 0.83 0.00	36.37 0.86 0.00
LOCKPORT___CC2 323770	31.27 0.66 0.00	25.46 0.47 0.00	23.15 0.20 0.00	19.51 -0.14 0.00	19.65 -0.12 0.00	20.15 -0.20 0.00	23.91 -0.53 0.00	29.79 -0.71 0.00	35.75 -0.05 0.00	30.54 0.01 0.00	30.02 0.16 0.00	25.77 0.15 0.00	29.61 0.08 0.00	32.03 0.18 0.00	35.38 0.53 0.00	37.45 0.34 0.00	40.88 0.39 0.00	47.67 0.72 0.00	54.06 0.62 0.00	79.50 0.90 0.00	52.10 0.71 0.00	49.70 0.47 0.00	45.17 0.83 0.00	36.37 0.86 0.00
LOCKPORT___CC3 323771	31.27 0.66 0.00	25.46 0.47 0.00	23.15 0.20 0.00	19.51 -0.14 0.00	19.65 -0.12 0.00	20.15 -0.20 0.00	23.91 -0.53 0.00	29.79 -0.71 0.00	35.75 -0.05 0.00	30.54 0.01 0.00	30.02 0.16 0.00	25.77 0.15 0.00	29.61 0.08 0.00	32.03 0.18 0.00	35.38 0.53 0.00	37.45 0.34 0.00	40.88 0.39 0.00	47.67 0.72 0.00	54.06 0.62 0.00	79.50 0.90 0.00	52.10 0.71 0.00	49.70 0.47 0.00	45.17 0.83 0.00	36.37 0.86 0.00
LOCUSVLY_69_KV_BK2 55797	45.35 1.36 -13.38	29.26 1.29 -2.98	37.80 1.27 -13.58	20.81 1.15 -0.01	24.29 1.14 -3.38	28.91 1.09 -7.47	33.39 1.04 -7.91	44.58 1.47 -12.61	38.97 1.84 -1.32	44.64 1.87 -12.24	57.41 1.75 -25.81	30.49 1.52 -3.35	38.61 1.77 -7.31	36.99 1.90 -3.23	37.48 1.82 -0.81	43.11 1.69 -4.31	42.27 1.78 0.00	48.65 1.70 -0.02	55.45 2.01 0.00	119.68 3.01 -38.06	67.98 1.95 -14.63	76.17 2.01 -24.93	47.43 1.73 -1.36	39.07 1.40 -2.16
LONG_LAKE_PHOENIX 24014	30.27 -0.34 0.00	24.71 -0.28 0.00	22.68 -0.27 0.00	19.39 -0.26 0.00	19.51 -0.25 0.00	20.02 -0.33 0.00	23.86 -0.58 0.00	29.74 -0.76 0.00	34.95 -0.85 0.00	29.83 -0.70 0.00	29.20 -0.66 0.00	25.06 -0.55 0.00	28.90 -0.63 0.00	31.16 -0.69 0.00	34.16 -0.70 0.00	36.35 -0.76 0.00	39.69 -0.80 0.00	46.03 -0.91 0.00	52.44 -1.00 0.00	77.22 -1.38 0.00	51.25 -0.95 -0.80	50.38 -0.96 -2.11	43.49 -0.87 -0.01	34.88 -0.63 0.00
LOVETT___3 23632	31.42 0.81 0.00	25.83 0.84 0.00	23.79 0.83 0.00	20.42 0.76 0.00	20.53 0.76 0.00	21.06 0.71 0.00	25.08 0.64 0.00	31.45 0.95 0.00	36.99 1.19 0.00	32.91 1.26 -1.12	31.86 1.28 -0.71	27.00 1.06 -0.32	30.76 1.22 0.00	33.22 1.32 -0.04	36.92 1.29 -0.78	42.40 1.15 -4.14	41.62 1.14 0.00	48.05 1.10 0.00	54.77 1.34 0.00	80.56 1.96 0.00	52.70 1.31 0.00	50.66 1.43 0.00	45.57 1.23 0.00	36.46 0.95 0.00
LOVETT___4 23642	31.42 0.81 0.00	25.83 0.84 0.00	23.79 0.83 0.00	20.42 0.76 0.00	20.53 0.76 0.00	21.06 0.71 0.00	25.08 0.64 0.00	31.45 0.95 0.00	36.99 1.19 0.00	32.91 1.26 -1.12	31.86 1.28 -0.71	27.00 1.06 -0.32	30.76 1.22 0.00	33.22 1.32 -0.04	36.92 1.29 -0.78	42.40 1.15 -4.14	41.62 1.14 0.00	48.05 1.10 0.00	54.77 1.34 0.00	80.56 1.96 0.00	52.70 1.31 0.00	50.66 1.43 0.00	45.57 1.23 0.00	36.46 0.95 0.00
LOVETT___5 23593	31.42 0.81 0.00	25.83 0.84 0.00	23.79 0.83 0.00	20.42 0.76 0.00	20.53 0.76 0.00	21.06 0.71 0.00	25.08 0.64 0.00	31.45 0.95 0.00	36.99 1.19 0.00	32.91 1.26 -1.12	31.86 1.28 -0.71	27.00 1.06 -0.32	30.76 1.22 0.00	33.22 1.32 -0.04	36.92 1.29 -0.78	42.40 1.15 -4.14	41.62 1.14 0.00	48.05 1.10 0.00	54.77 1.34 0.00	80.56 1.96 0.00	52.70 1.31 0.00	50.66 1.43 0.00	45.57 1.23 0.00	36.46 0.95 0.00
LOWER RAQUET___HYD 24057	31.14 0.53 0.00	25.26 0.27 0.00	23.10 0.14 0.00	19.68 0.03 0.00	19.80 0.03 0.00	20.52 0.17 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.90 1.09 0.00	31.34 0.81 0.00	30.63 0.77 0.00	26.29 0.67 0.00	30.28 0.74 0.00	32.69 0.84 0.00	35.81 0.95 0.00	38.21 1.10 0.00	41.75 1.26 0.00	48.55 1.60 0.00	54.71 1.28 0.00	80.58 1.98 0.00	53.17 1.70 -0.07	51.07 1.65 -0.18	45.95 1.61 0.00	36.53 1.03 0.00
LOWER___HUDSON 24059	31.02 0.41 0.00	25.48 0.49 0.00	23.53 0.57 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.90 0.55 0.00	24.88 0.44 0.00	31.06 0.56 0.00	36.16 0.36 0.00	29.55 0.22 1.20	29.29 0.19 0.76	25.38 0.10 0.34	29.69 0.15 0.00	31.98 0.18 0.04	34.09 0.05 0.82	32.87 0.12 4.36	40.62 0.13 0.00	47.35 0.41 0.00	54.25 0.81 0.00	79.86 1.26 0.00	52.19 0.80 0.00	50.06 0.83 0.00	44.93 0.58 0.00	36.08 0.57 0.00
LOWVILLE_115KV_TB2 356335	31.57 0.96 0.00	25.80 0.81 0.00	23.67 0.72 0.00	20.22 0.57 0.00	20.35 0.58 0.00	20.86 0.51 0.00	25.09 0.65 0.00	31.36 0.86 0.00	36.66 0.86 0.00	31.17 0.63 0.00	30.41 0.55 0.00	26.02 0.40 0.00	29.98 0.44 0.00	32.27 0.42 0.00	35.37 0.51 0.00	37.76 0.65 0.00	41.40 0.91 0.00	48.47 1.53 0.00	55.28 1.84 0.00	81.53 2.93 0.00	53.18 1.63 -0.16	51.64 1.99 -0.42	46.47 2.13 0.00	36.97 1.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.64 1.03 0.00	25.96 0.97 0.00	23.92 0.97 0.00	20.58 0.93 0.00	20.70 0.93 0.00	21.21 0.86 0.00	25.31 0.87 0.00	31.57 1.06 0.00	36.72 0.92 0.00	30.26 0.66 0.93	29.92 0.66 0.59	25.84 0.49 0.26	30.14 0.61 0.00	32.52 0.70 0.03	34.90 0.67 0.63	34.58 0.80 3.33	41.51 1.03 0.00	48.44 1.50 0.00	55.54 2.10 0.00	81.79 3.19 0.00	53.44 2.04 0.00	51.19 1.95 0.00	45.90 1.56 0.00	36.83 1.32 0.00

LUTHERNY_35_KV_BK2 355980	31.66 1.05 0.00	25.95 0.97 0.00	23.93 0.97 0.00	20.60 0.95 0.00	20.71 0.95 0.00	21.22 0.88 0.00	25.31 0.87 0.00	31.56 1.06 0.00	36.71 0.91 0.00	30.26 0.66 0.93	29.93 0.66 0.59	25.84 0.49 0.26	30.15 0.61 0.00	32.53 0.71 0.03	34.91 0.68 0.63	34.61 0.83 3.33	41.53 1.05 0.00	48.52 1.58 0.00	55.60 2.17 0.00	81.91 3.30 0.00	53.48 2.09 0.00	51.22 1.99 0.00	45.93 1.59 0.00	36.88 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.27 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.29 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.84 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
LYONS_FALL_HYD 23570	31.42 0.81 0.00	25.68 0.69 0.00	23.58 0.62 0.00	20.14 0.49 0.00	20.27 0.51 0.00	20.81 0.46 0.00	25.00 0.56 0.00	31.23 0.73 0.00	36.56 0.76 0.00	31.12 0.59 0.00	30.39 0.53 0.00	26.03 0.41 0.00	30.00 0.46 0.00	32.31 0.46 0.00	35.41 0.56 0.00	37.82 0.71 0.00	41.42 0.94 0.00	48.33 1.39 0.00	55.10 1.67 0.00	81.25 2.65 0.00	53.02 1.51 -0.12	51.23 1.69 -0.31	46.03 1.69 0.00	36.68 1.17 0.00
MADISON___COUNTY_LFGE 323628	31.46 0.85 0.00	25.70 0.71 0.00	23.59 0.64 0.00	20.16 0.51 0.00	20.30 0.53 0.00	20.87 0.51 0.00	24.98 0.54 0.00	31.16 0.66 0.00	36.60 0.79 0.00	31.16 0.63 0.00	30.49 0.63 0.00	26.10 0.49 0.00	30.07 0.53 0.00	32.45 0.60 0.00	35.57 0.71 0.00	38.02 0.91 0.00	41.68 1.20 0.00	48.44 1.50 0.00	55.21 1.78 0.00	81.35 2.74 0.00	53.21 1.69 -0.13	51.18 1.60 -0.35	45.69 1.34 0.00	36.50 0.99 0.00
MALONE___115KV_TB1 356076	31.21 0.60 0.00	25.29 0.30 0.00	23.14 0.19 0.00	19.71 0.05 0.00	19.82 0.04 0.00	20.52 0.17 0.00	25.11 0.68 0.00	31.44 0.94 0.00	36.95 1.15 0.00	31.42 0.89 0.00	30.72 0.86 0.00	26.37 0.76 0.00	30.40 0.86 0.00	32.87 1.03 0.00	36.00 1.15 0.00	38.48 1.37 0.00	42.11 1.63 0.00	48.85 1.91 0.00	55.26 1.82 0.00	81.33 2.72 0.00	53.34 1.95 0.00	50.91 1.67 0.00	45.69 1.35 0.00	36.46 0.95 0.00
MAPLEWOD_115KV_TB3 80458	30.85 0.24 0.00	25.35 0.36 0.00	23.39 0.44 0.00	20.14 0.49 0.00	20.26 0.49 0.00	20.77 0.43 0.00	24.73 0.30 0.00	30.89 0.39 0.00	36.05 0.24 0.00	29.82 0.17 0.88	29.45 0.15 0.56	25.50 0.13 0.25	29.66 0.12 0.00	31.98 0.16 0.03	34.32 0.05 0.60	34.04 0.11 3.18	40.62 0.14 0.00	47.22 0.28 0.00	54.02 0.59 0.00	79.46 0.85 0.00	51.96 0.57 0.00	49.83 0.60 0.00	44.75 0.41 0.00	35.89 0.38 0.00
MAPLE_RIDGE_WT_1 323574	30.55 -0.06 0.00	24.94 -0.05 0.00	22.89 -0.06 0.00	19.57 -0.08 0.00	19.67 -0.10 0.00	20.22 -0.12 0.00	24.39 -0.05 0.00	30.55 0.05 0.00	35.84 0.04 0.00	30.58 0.05 0.00	29.89 0.03 0.00	25.64 0.03 0.00	29.57 0.03 0.00	31.87 0.02 0.00	34.87 0.02 0.00	37.16 0.05 0.00	40.57 0.08 0.00	47.01 0.07 0.00	53.44 0.00 0.00	78.44 -0.16 0.00	51.14 -0.26 0.00	48.95 -0.28 0.00	44.18 -0.16 0.00	35.42 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	30.55 -0.06 0.00	24.94 -0.05 0.00	22.89 -0.06 0.00	19.57 -0.08 0.00	19.67 -0.10 0.00	20.22 -0.12 0.00	24.39 -0.05 0.00	30.55 0.05 0.00	35.84 0.04 0.00	30.58 0.05 0.00	29.89 0.03 0.00	25.64 0.03 0.00	29.57 0.03 0.00	31.87 0.02 0.00	34.87 0.02 0.00	37.16 0.05 0.00	40.57 0.08 0.00	47.01 0.07 0.00	53.44 0.00 0.00	78.44 -0.16 0.00	51.14 -0.26 0.00	48.95 -0.28 0.00	44.18 -0.16 0.00	35.42 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	30.93 0.32 0.00	25.10 0.11 0.00	23.00 0.04 0.00	19.58 -0.07 0.00	19.67 -0.09 0.00	20.35 0.00 0.00	24.83 0.39 0.00	31.11 0.61 0.00	36.61 0.81 0.00	31.15 0.62 0.00	30.42 0.56 0.00	26.13 0.51 0.00	30.16 0.62 0.00	32.60 0.75 0.00	35.67 0.82 0.00	38.12 1.01 0.00	41.67 1.19 0.00	48.40 1.46 0.00	54.75 1.31 0.00	80.41 1.81 0.00	52.63 1.24 0.00	50.17 0.94 0.00	44.95 0.61 0.00	35.98 0.47 0.00
MARSHVLE_115KV_TB1 80742	32.53 1.92 0.00	26.44 1.45 0.00	24.20 1.25 0.00	20.62 0.97 0.00	20.73 0.96 0.00	21.39 1.04 0.00	25.67 1.23 0.00	32.08 1.58 0.00	38.14 2.34 0.00	31.55 1.71 0.69	30.95 1.53 0.44	26.75 1.33 0.19	31.10 1.57 0.00	33.51 1.68 0.02	36.12 1.61 0.34	37.22 1.95 1.84	42.78 2.30 0.00	49.93 2.98 0.00	56.88 3.45 0.00	83.69 5.09 0.00	54.67 3.28 0.00	52.29 3.06 0.00	47.24 2.90 0.00	37.64 2.13 0.00
MARSH_HILL_WT_PWR 323713	31.70 1.09 0.00	25.80 0.81 0.00	23.55 0.59 0.00	19.90 0.24 0.00	20.09 0.32 0.00	20.63 0.27 0.00	24.63 0.19 0.00	30.84 0.34 0.00	36.53 0.73 0.00	31.13 0.60 0.00	30.62 0.76 0.00	26.07 0.45 0.00	29.99 0.46 0.00	32.43 0.58 0.00	35.75 0.89 0.00	37.95 0.84 0.00	41.54 1.06 0.00	48.09 1.14 0.00	54.76 1.33 0.00	81.02 2.42 0.00	53.04 1.55 -0.10	50.68 1.17 -0.27	45.42 1.07 0.00	36.43 0.92 0.00
MCINTYRE_115KV_TB2 80467	31.60 0.99 0.00	25.60 0.61 0.00	23.39 0.44 0.00	19.92 0.26 0.00	20.05 0.28 0.00	20.82 0.47 0.00	25.55 1.11 0.00	31.76 1.26 0.00	37.26 1.46 0.00	31.63 1.10 0.00	30.90 1.04 0.00	26.52 0.90 0.00	30.48 0.95 0.00	32.94 1.09 0.00	36.05 1.19 0.00	38.45 1.34 0.00	42.03 1.54 0.00	49.03 2.09 0.00	55.10 1.66 0.00	81.51 2.91 0.00	54.22 2.83 0.00	52.03 2.80 0.00	46.86 2.52 0.00	37.22 1.71 0.00
MECO_____69_KV_BK1 80468	32.54 1.93 0.00	26.52 1.54 0.00	24.32 1.37 0.00	20.78 1.13 0.00	20.91 1.14 0.00	21.55 1.19 0.00	25.84 1.40 0.00	32.25 1.75 0.00	37.69 1.88 0.00	30.87 1.02 0.69	30.24 0.82 0.44	26.16 0.74 0.19	30.46 0.93 0.00	32.79 0.96 0.02	35.39 0.92 0.39	36.42 1.37 2.06	42.53 2.05 0.00	49.90 2.95 0.00	57.28 3.84 0.00	84.39 5.78 0.00	55.11 3.72 0.00	52.73 3.50 0.00	47.42 3.08 0.00	37.78 2.27 0.00
MENANDS___115KV_TB5 355628	30.65 0.04 0.00	25.20 0.21 0.00	23.27 0.32 0.00	20.05 0.40 0.00	20.17 0.40 0.00	20.68 0.32 0.00	24.61 0.17 0.00	30.71 0.21 0.00	35.84 0.04 0.00	29.67 0.01 0.88	29.30 0.00 0.56	25.38 0.01 0.25	29.51 -0.03 0.00	31.80 -0.02 0.03	34.11 -0.15 0.60	33.82 -0.13 3.17	40.32 -0.16 0.00	46.84 -0.11 0.00	53.55 0.12 0.00	78.81 0.21 0.00	51.52 0.13 0.00	49.44 0.21 0.00	44.41 0.06 0.00	35.63 0.12 0.00
MG INDUSTRY___DRP 24185	30.86 0.25 0.00	25.34 0.35 0.00	23.37 0.42 0.00	20.12 0.47 0.00	20.24 0.47 0.00	20.75 0.41 0.00	24.73 0.29 0.00	30.80 0.30 0.00	35.81 0.01 0.00	30.04 -0.04 0.45	29.53 -0.05 0.28	25.45 -0.04 0.13	29.49 -0.05 0.00	31.73 -0.10 0.02	34.36 -0.19 0.30	35.38 -0.13 1.61	40.49 0.00 0.00	47.04 0.09 0.00	53.80 0.36 0.00	79.17 0.56 0.00	51.77 0.38 0.00	49.68 0.45 0.00	44.65 0.31 0.00	35.84 0.33 0.00

MID___OSWEGATCHIE_HYD 23849	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.27 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.29 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.84 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
MID___RAQUETTE_HYD 23851	31.14 0.53 0.00	25.26 0.27 0.00	23.10 0.14 0.00	19.68 0.03 0.00	19.80 0.03 0.00	20.52 0.17 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.90 1.09 0.00	31.34 0.81 0.00	30.63 0.77 0.00	26.29 0.67 0.00	30.28 0.74 0.00	32.69 0.84 0.00	35.81 0.95 0.00	38.21 1.10 0.00	41.75 1.26 0.00	48.55 1.60 0.00	54.71 1.28 0.00	80.58 1.98 0.00	53.16 1.71 -0.07	51.06 1.65 -0.18	45.95 1.61 0.00	36.53 1.02 0.00
MILLIKEN___1 23584	31.41 0.79 0.00	25.62 0.63 0.00	23.53 0.57 0.00	20.10 0.45 0.00	20.25 0.48 0.00	20.79 0.44 0.00	24.84 0.40 0.00	31.01 0.51 0.00	36.48 0.68 0.00	31.06 0.53 0.00	30.36 0.50 0.00	26.05 0.43 0.00	30.03 0.50 0.00	32.39 0.54 0.00	35.52 0.66 0.00	37.83 0.72 0.00	41.28 0.79 0.00	47.97 1.03 0.00	54.74 1.30 0.00	80.80 2.20 0.00	53.04 1.37 -0.28	51.25 1.27 -0.74	45.35 1.00 0.00	36.23 0.72 0.00
MILLIKEN___2 23585	31.41 0.79 0.00	25.62 0.63 0.00	23.53 0.57 0.00	20.10 0.45 0.00	20.25 0.48 0.00	20.79 0.44 0.00	24.84 0.40 0.00	31.01 0.51 0.00	36.48 0.68 0.00	31.06 0.53 0.00	30.36 0.50 0.00	26.05 0.43 0.00	30.03 0.50 0.00	32.39 0.54 0.00	35.52 0.66 0.00	37.83 0.72 0.00	41.28 0.79 0.00	47.97 1.03 0.00	54.74 1.30 0.00	80.80 2.20 0.00	53.04 1.37 -0.28	51.25 1.27 -0.74	45.35 1.00 0.00	36.23 0.72 0.00
MILLIKEN___DIESEL 23629	31.41 0.79 0.00	25.62 0.63 0.00	23.53 0.57 0.00	20.10 0.45 0.00	20.25 0.48 0.00	20.79 0.44 0.00	24.84 0.40 0.00	31.01 0.51 0.00	36.48 0.68 0.00	31.06 0.53 0.00	30.36 0.50 0.00	26.05 0.43 0.00	30.03 0.50 0.00	32.39 0.54 0.00	35.52 0.66 0.00	37.83 0.72 0.00	41.28 0.79 0.00	47.97 1.03 0.00	54.74 1.30 0.00	80.80 2.20 0.00	53.04 1.37 -0.28	51.25 1.27 -0.74	45.35 1.00 0.00	36.23 0.72 0.00
MILLSEAT___LFGE 323607	31.77 1.16 0.00	25.84 0.85 0.00	23.51 0.56 0.00	19.85 0.19 0.00	20.00 0.23 0.00	20.53 0.18 0.00	24.42 -0.02 0.00	30.45 -0.05 0.00	36.51 0.71 0.00	31.18 0.65 0.00	30.66 0.80 0.00	26.28 0.66 0.00	30.16 0.62 0.00	32.60 0.75 0.00	35.98 1.12 0.00	38.12 1.01 0.00	41.59 1.10 0.00	48.51 1.57 0.00	55.08 1.65 0.00	81.26 2.66 0.00	53.41 2.02 0.00	51.00 1.77 0.00	46.21 1.87 0.00	37.09 1.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.47 0.86 0.00	25.88 0.89 0.00	23.83 0.88 0.00	20.46 0.81 0.00	20.57 0.81 0.00	21.12 0.77 0.00	25.15 0.71 0.00	31.54 1.04 0.00	37.07 1.27 0.00	33.01 1.32 -1.16	31.94 1.33 -0.74	27.06 1.11 -0.33	30.81 1.27 0.00	33.27 1.37 -0.04	36.99 1.33 -0.80	42.61 1.21 -4.29	41.69 1.21 0.00	48.12 1.17 0.00	54.87 1.43 0.00	80.69 2.09 0.00	52.79 1.40 0.00	50.72 1.49 0.00	45.62 1.27 0.00	36.50 0.99 0.00
MILLWOOD_13_KV_LOAD 356217	31.51 0.90 0.00	25.91 0.92 0.00	23.87 0.92 0.00	20.49 0.84 0.00	20.60 0.83 0.00	21.15 0.80 0.00	25.18 0.74 0.00	31.59 1.08 0.00	37.14 1.34 0.00	33.06 1.37 -1.16	31.99 1.39 -0.74	27.11 1.16 -0.33	30.87 1.33 0.00	33.33 1.43 -0.04	37.06 1.40 -0.80	42.68 1.28 -4.29	41.77 1.28 0.00	48.20 1.26 0.00	54.96 1.52 0.00	80.84 2.24 0.00	52.89 1.50 0.00	50.80 1.57 0.00	45.68 1.34 0.00	36.56 1.05 0.00
MODEL_CITY_ENERGY 24167	31.05 0.44 0.00	25.29 0.30 0.00	22.99 0.04 0.00	19.37 -0.28 0.00	19.51 -0.25 0.00	20.00 -0.35 0.00	23.72 -0.72 0.00	29.54 -0.96 0.00	35.48 -0.32 0.00	30.30 -0.23 0.00	29.78 -0.08 0.00	25.57 -0.05 0.00	29.38 -0.16 0.00	31.78 -0.07 0.00	35.10 0.24 0.00	37.15 0.04 0.00	40.54 0.05 0.00	47.27 0.33 0.00	53.62 0.19 0.00	78.80 0.19 0.00	51.64 0.25 0.00	49.27 0.03 0.00	44.79 0.45 0.00	36.10 0.59 0.00
MODERN_LFGE___ 323580	31.05 0.44 0.00	25.29 0.30 0.00	22.99 0.04 0.00	19.37 -0.28 0.00	19.51 -0.25 0.00	20.00 -0.35 0.00	23.72 -0.72 0.00	29.54 -0.96 0.00	35.48 -0.32 0.00	30.30 -0.23 0.00	29.78 -0.08 0.00	25.57 -0.05 0.00	29.38 -0.16 0.00	31.78 -0.07 0.00	35.10 0.24 0.00	37.15 0.04 0.00	40.54 0.05 0.00	47.27 0.33 0.00	53.62 0.19 0.00	78.80 0.19 0.00	51.64 0.25 0.00	49.27 0.03 0.00	44.79 0.45 0.00	36.10 0.59 0.00
MOHAWK_PAPER___DRP 24187	30.85 0.24 0.00	25.35 0.36 0.00	23.39 0.44 0.00	20.14 0.49 0.00	20.26 0.49 0.00	20.77 0.43 0.00	24.73 0.30 0.00	30.89 0.39 0.00	36.05 0.24 0.00	29.82 0.17 0.88	29.45 0.15 0.56	25.50 0.13 0.25	29.66 0.12 0.00	31.98 0.16 0.03	34.32 0.05 0.60	34.04 0.11 3.18	40.62 0.14 0.00	47.22 0.28 0.00	54.02 0.59 0.00	79.46 0.85 0.00	51.96 0.57 0.00	49.83 0.60 0.00	44.75 0.41 0.00	35.89 0.38 0.00
MOHICAN___35_KV_115KV_LD 80490	31.91 1.30 0.00	26.21 1.22 0.00	24.16 1.21 0.00	20.78 1.13 0.00	20.89 1.12 0.00	21.35 1.00 0.00	25.52 1.08 0.00	31.79 1.29 0.00	36.81 1.01 0.00	30.29 0.68 0.92	29.99 0.71 0.58	25.88 0.52 0.26	30.18 0.65 0.00	32.57 0.75 0.03	34.96 0.72 0.62	34.72 0.89 3.28	41.73 1.24 0.00	48.81 1.87 0.00	56.11 2.67 0.00	82.67 4.06 0.00	54.01 2.62 0.00	51.71 2.47 0.00	46.29 1.95 0.00	37.16 1.65 0.00
MONGAUP___HYD 23641	31.55 0.94 0.00	25.89 0.90 0.00	23.82 0.87 0.00	20.43 0.78 0.00	20.54 0.77 0.00	21.09 0.74 0.00	25.16 0.72 0.00	31.57 1.07 0.00	37.02 1.22 0.00	32.72 1.16 -1.03	31.65 1.14 -0.65	26.88 0.97 -0.29	30.67 1.13 0.00	33.07 1.18 -0.04	36.80 1.23 -0.71	42.15 1.24 -3.79	41.76 1.28 0.00	48.30 1.35 0.00	55.19 1.75 0.00	80.80 2.19 0.00	52.97 1.58 0.00	51.25 2.02 0.00	46.02 1.68 0.00	36.76 1.25 0.00
MONTAUK___DIESEL 23721	41.85 2.55 -8.69	29.29 2.37 -1.94	34.20 2.43 -8.82	21.66 2.00 -0.01	23.94 1.98 -2.19	26.92 1.71 -4.85	30.86 1.29 -5.14	40.48 1.79 -8.19	38.71 2.05 -0.86	41.22 2.33 -8.36	49.16 2.28 -17.02	29.43 1.52 -2.29	35.52 1.23 -4.75	35.41 1.45 -2.12	37.16 1.49 -0.81	43.05 1.63 -4.31	42.61 2.12 0.00	49.16 2.21 -0.01	56.43 2.99 0.00	107.07 4.53 -23.94	63.74 2.92 -9.43	68.08 2.63 -16.22	46.87 1.64 -0.88	38.09 1.17 -1.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.86 1.24 0.00	26.01 1.03 0.00	23.75 0.79 0.00	20.01 0.36 0.00	20.09 0.33 0.00	20.68 0.32 0.00	24.77 0.33 0.00	31.13 0.63 0.00	37.52 1.72 0.00	32.12 1.59 0.00	31.56 1.70 0.00	27.05 1.43 0.00	31.11 1.57 0.00	33.62 1.76 0.00	36.99 2.13 0.00	39.13 2.02 0.00	42.78 2.29 0.00	49.79 2.85 0.00	56.47 3.03 0.00	83.16 4.56 0.00	54.45 3.06 0.00	51.67 2.44 0.00	46.57 2.23 0.00	37.25 1.74 0.00

MORRIS_RIDGE___SOLAR 323848	31.38 0.77 0.00	25.52 0.54 0.00	23.29 0.33 0.00	19.69 0.04 0.00	19.86 0.09 0.00	20.37 0.02 0.00	24.27 -0.17 0.00	30.33 -0.17 0.00	35.99 0.19 0.00	30.69 0.16 0.00	30.16 0.30 0.00	25.72 0.10 0.00	29.62 0.08 0.00	32.07 0.21 0.00	35.38 0.52 0.00	37.55 0.44 0.00	41.11 0.62 0.00	47.48 0.54 0.00	53.85 0.42 0.00	79.87 1.27 0.00	52.45 0.98 -0.08	50.17 0.72 -0.21	45.08 0.73 0.00	36.21 0.70 0.00
MORTIMER_115KV_TB3 55949	31.29 0.67 0.00	25.48 0.49 0.00	23.25 0.30 0.00	19.73 0.08 0.00	19.85 0.08 0.00	20.38 0.02 0.00	24.29 -0.15 0.00	30.32 -0.17 0.00	36.10 0.30 0.00	30.85 0.32 0.00	30.30 0.44 0.00	26.01 0.39 0.00	29.94 0.41 0.00	32.36 0.51 0.00	35.59 0.74 0.00	37.74 0.63 0.00	41.21 0.73 0.00	47.90 0.95 0.00	54.47 1.04 0.00	80.23 1.63 0.00	52.52 1.13 0.00	50.16 0.93 0.00	45.30 0.95 0.00	36.33 0.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.26 1.56 -1.17	32.18 1.58 -0.74	27.27 1.32 -0.33	31.04 1.51 0.00	33.51 1.62 -0.04	37.25 1.59 -0.81	42.87 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.06 1.62 0.00	80.93 2.33 0.00	52.94 1.55 0.00	50.85 1.62 0.00	45.75 1.41 0.00	36.62 1.11 0.00
MUNSVILLE_WIND_PWR 323609	32.96 2.35 0.00	26.87 1.88 0.00	24.58 1.63 0.00	20.99 1.34 0.00	21.18 1.41 0.00	21.82 1.47 0.00	26.15 1.71 0.00	32.78 2.28 0.00	38.63 2.82 0.00	32.94 2.22 -0.19	32.09 2.11 -0.12	27.37 1.71 -0.05	31.48 1.95 0.00	33.98 2.13 0.00	37.40 2.54 0.00	39.73 2.62 0.00	43.49 3.01 0.00	50.57 3.63 0.00	57.78 4.35 0.00	85.57 6.97 0.00	55.91 4.34 -0.18	53.32 3.61 -0.48	46.84 2.49 0.00	37.22 1.71 0.00
N SALMON___HYD 24042	31.21 0.60 0.00	25.29 0.30 0.00	23.14 0.19 0.00	19.71 0.05 0.00	19.81 0.04 0.00	20.52 0.17 0.00	25.11 0.68 0.00	31.44 0.94 0.00	36.95 1.15 0.00	31.42 0.89 0.00	30.72 0.86 0.00	26.37 0.76 0.00	30.40 0.86 0.00	32.87 1.02 0.00	36.00 1.15 0.00	38.48 1.37 0.00	42.11 1.63 0.00	48.85 1.91 0.00	55.26 1.82 0.00	81.32 2.72 0.00	53.34 1.95 0.00	50.90 1.67 0.00	45.69 1.35 0.00	36.46 0.95 0.00
N.AKRON__115KV_KNAPP 355671	31.72 1.11 0.00	25.82 0.83 0.00	23.48 0.53 0.00	19.83 0.18 0.00	19.95 0.17 0.00	20.47 0.11 0.00	24.38 -0.07 0.00	30.39 -0.11 0.00	36.44 0.64 0.00	31.13 0.60 0.00	30.61 0.76 0.00	26.25 0.63 0.00	30.13 0.60 0.00	32.58 0.73 0.00	35.95 1.10 0.00	38.09 0.97 0.00	41.57 1.09 0.00	48.46 1.51 0.00	55.05 1.61 0.00	81.17 2.56 0.00	53.30 1.91 0.00	50.88 1.64 0.00	46.12 1.78 0.00	37.04 1.53 0.00
N.E_GEN_SANDY PD 24062	30.96 0.35 0.00	25.49 0.51 0.00	23.71 0.61 -0.15	20.30 0.65 0.00	20.43 0.66 0.00	20.95 0.60 0.00	24.87 0.43 0.00	32.86 0.61 -1.75	35.54 0.46 0.72	24.09 0.39 6.83	25.87 0.36 4.35	23.91 0.24 1.96	29.86 0.33 0.00	31.93 0.33 0.25	30.31 0.18 4.73	12.09 0.16 25.18	40.36 0.05 0.18	47.16 0.19 -0.04	54.00 0.57 0.00	79.51 0.91 0.00	52.01 0.62 0.00	49.94 0.71 0.00	44.86 0.52 0.00	36.03 0.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.53 0.92 0.00	25.91 0.92 0.00	23.85 0.90 0.00	20.46 0.81 0.00	20.57 0.80 0.00	21.10 0.75 0.00	25.13 0.69 0.00	31.53 1.02 0.00	37.10 1.30 0.00	32.99 1.35 -1.12	31.95 1.38 -0.71	27.09 1.16 -0.32	30.87 1.33 0.00	33.34 1.44 -0.04	37.05 1.42 -0.77	42.51 1.29 -4.12	41.78 1.29 0.00	48.22 1.28 0.00	54.97 1.53 0.00	80.86 2.26 0.00	52.90 1.51 0.00	50.85 1.62 0.00	45.73 1.39 0.00	36.57 1.06 0.00
N.QUEENS_27_KV_LOAD 356247	31.57 0.96 0.00	26.07 1.08 0.00	23.98 1.03 0.00	20.59 0.94 0.00	20.64 0.88 0.00	21.25 0.90 0.00	25.34 0.90 0.00	31.81 1.31 0.00	37.44 1.64 0.00	33.35 1.66 -1.17	32.27 1.67 -0.74	27.37 1.42 -0.33	31.14 1.60 0.00	33.61 1.71 -0.04	37.38 1.71 -0.81	42.95 1.53 -4.31	42.02 1.53 0.00	48.39 1.45 0.00	55.16 1.73 0.00	81.60 2.56 -0.44	53.12 1.68 -0.05	50.99 1.75 0.00	45.95 1.60 0.00	36.71 1.21 0.00
N.TROY___115KV_TB1 355778	31.02 0.41 0.00	25.48 0.49 0.00	23.53 0.57 0.00	20.26 0.61 0.00	20.39 0.61 0.00	20.90 0.55 0.00	24.88 0.44 0.00	31.06 0.56 0.00	36.16 0.36 0.00	29.56 0.23 1.20	29.29 0.19 0.76	25.38 0.10 0.34	29.69 0.15 0.00	31.98 0.18 0.04	34.09 0.05 0.82	32.87 0.12 4.36	40.62 0.13 0.00	47.35 0.41 0.00	54.24 0.81 0.00	79.86 1.25 0.00	52.19 0.80 0.00	50.06 0.83 0.00	44.93 0.58 0.00	36.08 0.58 0.00
NARROWS_GT1_1 24228	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_2 24229	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_3 24230	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_4 24231	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_5 24232	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00

NARROWS_GT1_6 24233	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_7 24234	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT1_8 24235	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_1 24236	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_2 24237	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_3 24238	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_4 24239	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_5 24240	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_6 24241	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_7 24242	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NARROWS_GT2_8 24243	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.23 2.62 0.00	53.14 1.75 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.23 0.62 0.00	25.62 0.63 0.00	23.62 0.67 0.00	20.35 0.70 0.00	20.48 0.71 0.00	21.01 0.66 0.00	25.07 0.63 0.00	31.21 0.71 0.00	36.19 0.38 0.00	30.46 0.19 0.26	29.86 0.17 0.17	25.72 0.18 0.07	29.67 0.13 0.00	31.98 0.13 0.01	34.82 0.14 0.18	36.43 0.25 0.93	41.06 0.58 0.00	47.86 0.92 0.00	54.94 1.51 0.00	80.86 2.26 0.00	52.91 1.52 0.00	50.69 1.45 0.00	45.41 1.07 0.00	36.35 0.84 0.00
NCHELSEA_115KV_TR2 355582	31.61 1.00 0.00	25.97 0.98 0.00	23.92 0.96 0.00	20.54 0.89 0.00	20.66 0.90 0.00	21.20 0.85 0.00	25.26 0.82 0.00	31.69 1.19 0.00	37.21 1.41 0.00	33.01 1.38 -1.10	31.96 1.40 -0.70	27.09 1.16 -0.31	30.87 1.34 0.00	33.34 1.45 -0.04	37.09 1.47 -0.77	42.57 1.39 -4.07	41.90 1.42 0.00	48.47 1.52 0.00	55.33 1.89 0.00	81.47 2.86 0.00	53.29 1.89 0.00	51.14 1.91 0.00	45.96 1.61 0.00	36.76 1.25 0.00
NEG CAPITAL___MECHNVIL 23645	31.64 1.03 0.00	25.95 0.97 0.00	23.92 0.97 0.00	20.58 0.93 0.00	20.70 0.93 0.00	21.22 0.87 0.00	25.31 0.87 0.00	31.59 1.09 0.00	36.76 0.96 0.00	30.19 0.69 1.03	29.90 0.70 0.65	25.86 0.54 0.29	30.20 0.66 0.00	32.58 0.76 0.04	34.89 0.73 0.69	34.28 0.87 3.71	41.60 1.11 0.00	48.54 1.60 0.00	55.63 2.20 0.00	81.90 3.29 0.00	53.50 2.11 0.00	51.24 2.01 0.00	45.93 1.59 0.00	36.83 1.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.66 0.05 0.00	24.96 -0.03 0.00	22.82 -0.13 0.00	19.39 -0.26 0.00	19.54 -0.23 0.00	20.07 -0.28 0.00	23.92 -0.52 0.00	29.88 -0.62 0.00	35.45 -0.35 0.00	30.29 -0.24 0.00	29.74 -0.13 0.00	25.53 -0.09 0.00	29.41 -0.12 0.00	31.81 -0.04 0.00	34.95 0.10 0.00	37.08 -0.03 0.00	40.51 0.03 0.00	47.07 0.12 0.00	53.59 0.16 0.00	78.86 0.26 0.00	51.56 0.17 0.00	49.25 0.01 0.00	44.40 0.06 0.00	35.59 0.08 0.00

NEG CENTRAL___DRP 24199	31.20 0.59 0.00	25.41 0.42 0.00	23.29 0.33 0.00	19.83 0.18 0.00	19.98 0.21 0.00	20.50 0.15 0.00	24.49 0.05 0.00	30.58 0.09 0.00	36.10 0.29 0.00	30.78 0.25 0.00	30.15 0.29 0.00	25.84 0.22 0.00	29.80 0.27 0.00	32.20 0.35 0.00	35.38 0.52 0.00	37.65 0.53 0.00	41.09 0.60 0.00	47.66 0.72 0.00	54.37 0.93 0.00	80.08 1.48 0.00	52.64 0.97 -0.28	50.82 0.85 -0.74	45.02 0.67 0.00	36.04 0.53 0.00
NEG CENTRAL___INDECK 23768	32.26 1.66 0.00	26.22 1.23 0.00	23.92 0.96 0.00	20.27 0.62 0.00	20.43 0.66 0.00	21.02 0.67 0.00	25.09 0.65 0.00	31.43 0.93 0.00	37.27 1.47 0.00	31.69 1.16 0.00	31.09 1.23 0.00	26.54 0.93 0.00	30.53 1.00 0.00	32.94 1.09 0.00	36.15 1.30 0.00	37.76 0.65 0.00	41.11 0.63 0.00	47.83 0.88 0.00	53.92 0.48 0.00	80.04 1.43 0.00	52.90 1.51 0.00	50.65 1.41 0.00	46.61 2.27 0.00	37.58 2.07 0.00
NEG CENTRAL___SENECA 23627	31.44 0.83 0.00	25.57 0.58 0.00	23.41 0.45 0.00	19.91 0.25 0.00	20.06 0.29 0.00	20.58 0.23 0.00	24.62 0.18 0.00	30.77 0.27 0.00	36.40 0.60 0.00	31.03 0.50 0.00	30.40 0.55 0.00	26.03 0.41 0.00	30.03 0.49 0.00	32.46 0.61 0.00	35.70 0.84 0.00	37.96 0.85 0.00	41.48 1.00 0.00	48.10 1.16 0.00	54.88 1.44 0.00	80.87 2.27 0.00	53.03 1.48 -0.16	50.96 1.31 -0.41	45.42 1.08 0.00	36.36 0.85 0.00
NEG CENTRAL___STATE_STREET 24147	31.14 0.53 0.00	25.35 0.36 0.00	23.33 0.37 0.00	19.91 0.25 0.00	20.06 0.29 0.00	20.59 0.23 0.00	24.58 0.14 0.00	30.64 0.14 0.00	35.97 0.16 0.00	30.64 0.11 0.00	29.97 0.11 0.00	25.70 0.09 0.00	29.66 0.12 0.00	32.03 0.18 0.00	35.15 0.29 0.00	37.48 0.37 0.00	40.81 0.32 0.00	47.47 0.53 0.00	54.02 0.58 0.00	79.81 1.21 0.00	52.49 0.73 -0.37	50.94 0.73 -0.98	44.91 0.57 -0.01	35.85 0.34 0.00
NEG MILLWOOD___DRP 24198	31.67 1.05 0.00	26.03 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.70 0.94 0.00	21.26 0.91 0.00	25.32 0.88 0.00	31.78 1.27 0.00	37.33 1.52 0.00	33.18 1.50 -1.15	32.11 1.52 -0.73	27.22 1.27 -0.33	31.00 1.47 0.00	33.47 1.58 -0.04	37.26 1.60 -0.80	42.87 1.51 -4.25	42.03 1.55 0.00	48.57 1.62 0.00	55.43 1.99 0.00	81.56 2.96 0.00	53.36 1.97 0.00	51.21 1.98 0.00	46.02 1.68 0.00	36.80 1.29 0.00
NEG NORTH_FLCN_SEA 23793	31.30 0.69 0.00	25.41 0.42 0.00	23.27 0.32 0.00	19.79 0.14 0.00	19.89 0.11 0.00	20.56 0.20 0.00	25.08 0.64 0.00	31.43 0.93 0.00	36.96 1.15 0.00	31.44 0.91 0.00	30.69 0.83 0.00	26.35 0.74 0.00	30.45 0.91 0.00	32.97 1.11 0.00	36.05 1.20 0.00	38.57 1.46 0.00	42.20 1.71 0.00	49.05 2.11 0.00	55.49 2.06 0.00	81.52 2.91 0.00	53.33 1.94 0.00	50.82 1.59 0.00	45.42 1.08 0.00	36.43 0.92 0.00
NEG NORTH_KES_CHATEGAY 23792	30.93 0.32 0.00	25.08 0.10 0.00	22.97 0.01 0.00	19.55 -0.10 0.00	19.64 -0.12 0.00	20.34 -0.01 0.00	24.85 0.41 0.00	31.09 0.59 0.00	36.59 0.79 0.00	31.13 0.61 0.00	30.40 0.54 0.00	26.11 0.49 0.00	30.13 0.59 0.00	32.57 0.72 0.00	35.64 0.79 0.00	38.09 0.98 0.00	41.64 1.15 0.00	48.34 1.39 0.00	54.68 1.24 0.00	80.40 1.80 0.00	52.69 1.30 0.00	50.25 1.02 0.00	45.04 0.70 0.00	36.03 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	31.32 0.71 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.89 0.12 0.00	20.57 0.22 0.00	25.11 0.67 0.00	31.43 0.93 0.00	36.96 1.16 0.00	31.43 0.90 0.00	30.66 0.81 0.00	26.33 0.71 0.00	30.42 0.88 0.00	32.93 1.07 0.00	36.01 1.15 0.00	38.60 1.49 0.00	42.23 1.75 0.00	49.07 2.13 0.00	55.51 2.07 0.00	81.65 3.05 0.00	53.46 2.07 0.00	50.96 1.73 0.00	45.54 1.20 0.00	36.49 0.98 0.00
NEG NORTH___LWR_SARANAC 23913	31.32 0.71 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.89 0.12 0.00	20.57 0.22 0.00	25.11 0.67 0.00	31.43 0.93 0.00	36.96 1.16 0.00	31.43 0.90 0.00	30.66 0.81 0.00	26.33 0.71 0.00	30.42 0.88 0.00	32.93 1.07 0.00	36.01 1.15 0.00	38.60 1.49 0.00	42.23 1.75 0.00	49.07 2.13 0.00	55.51 2.07 0.00	81.65 3.05 0.00	53.46 2.07 0.00	50.96 1.73 0.00	45.54 1.20 0.00	36.49 0.98 0.00
NEG NORTH___PLATTSBURG 23628	31.32 0.71 0.00	25.41 0.42 0.00	23.27 0.31 0.00	19.79 0.14 0.00	19.89 0.12 0.00	20.57 0.22 0.00	25.11 0.67 0.00	31.43 0.93 0.00	36.96 1.16 0.00	31.43 0.90 0.00	30.66 0.80 0.00	26.33 0.71 0.00	30.42 0.88 0.00	32.93 1.07 0.00	36.01 1.15 0.00	38.60 1.49 0.00	42.23 1.75 0.00	49.07 2.13 0.00	55.51 2.07 0.00	81.65 3.05 0.00	53.46 2.07 0.00	50.96 1.72 0.00	45.54 1.20 0.00	36.49 0.98 0.00
NEG WEST_LEA_LOCKPORT 23791	31.27 0.65 0.00	25.46 0.47 0.00	23.15 0.20 0.00	19.53 -0.13 0.00	19.62 -0.15 0.00	20.11 -0.24 0.00	23.91 -0.53 0.00	29.79 -0.71 0.00	35.75 -0.05 0.00	30.53 0.01 0.00	30.02 0.16 0.00	25.77 0.16 0.00	29.61 0.08 0.00	32.03 0.18 0.00	35.38 0.53 0.00	37.45 0.34 0.00	40.88 0.39 0.00	47.67 0.72 0.00	54.06 0.63 0.00	79.50 0.90 0.00	52.10 0.71 0.00	49.70 0.47 0.00	45.17 0.83 0.00	36.38 0.87 0.00
NEG WEST___LANCASTR 23811	31.36 0.75 0.00	25.50 0.52 0.00	23.25 0.29 0.00	19.62 -0.03 0.00	19.75 -0.02 0.00	20.23 -0.12 0.00	24.06 -0.38 0.00	30.14 -0.36 0.00	36.18 0.38 0.00	30.93 0.40 0.00	30.39 0.53 0.00	26.04 0.42 0.00	29.97 0.43 0.00	32.40 0.55 0.00	35.65 0.80 0.00	37.75 0.64 0.00	41.21 0.72 0.00	47.98 1.04 0.00	54.48 1.04 0.00	80.22 1.62 0.00	52.46 1.06 0.00	50.06 0.82 0.00	45.30 0.96 0.00	36.34 0.83 0.00
NEG_PENN_ALLEGHNY 23528	31.07 0.46 0.00	25.34 0.36 0.00	23.25 0.30 0.00	19.83 0.18 0.00	19.98 0.21 0.00	20.48 0.13 0.00	24.47 0.03 0.00	30.60 0.10 0.00	36.03 0.23 0.00	30.94 0.22 -0.18	30.30 0.33 -0.12	25.93 0.26 -0.05	29.79 0.26 0.00	32.17 0.31 -0.01	35.43 0.46 -0.11	38.14 0.42 -0.61	40.93 0.44 0.00	47.35 0.41 0.00	53.98 0.54 0.00	79.60 0.99 0.00	52.17 0.60 -0.18	50.27 0.57 -0.47	44.74 0.39 0.00	35.82 0.31 0.00
NEG___GEN_MONROE 24207	31.56 0.95 0.00	25.68 0.69 0.00	23.42 0.47 0.00	19.86 0.21 0.00	19.97 0.20 0.00	20.51 0.16 0.00	24.46 0.02 0.00	30.53 0.03 0.00	36.39 0.59 0.00	31.07 0.54 0.00	30.54 0.68 0.00	26.20 0.58 0.00	30.13 0.59 0.00	32.53 0.68 0.00	35.85 0.99 0.00	37.98 0.87 0.00	41.50 1.01 0.00	48.27 1.33 0.00	54.83 1.40 0.00	80.88 2.28 0.00	53.06 1.67 0.00	50.70 1.46 0.00	45.79 1.44 0.00	36.75 1.24 0.00
NEPA___ENERGY 23901	30.97 0.36 0.00	25.21 0.23 0.00	23.06 0.11 0.00	19.50 -0.15 0.00	19.64 -0.12 0.00	20.08 -0.27 0.00	23.89 -0.55 0.00	29.94 -0.56 0.00	35.86 0.05 0.00	30.69 0.16 0.00	30.19 0.33 0.00	25.81 0.19 0.00	29.66 0.13 0.00	32.07 0.22 0.00	35.19 0.34 0.00	37.25 0.14 0.00	40.56 0.08 0.00	47.04 0.10 0.00	53.42 -0.01 0.00	78.85 0.25 0.00	51.64 0.17 -0.07	49.55 0.12 -0.20	44.54 0.20 0.00	35.68 0.18 0.00

NEVERSINK___HYD 23608	30.99 0.37 0.00	25.43 0.44 0.00	23.40 0.44 0.00	20.07 0.42 0.00	20.18 0.42 0.00	20.72 0.37 0.00	24.73 0.29 0.00	31.05 0.55 0.00	36.49 0.69 0.00	32.17 0.77 -0.87	31.19 0.78 -0.55	26.49 0.62 -0.25	30.14 0.60 0.00	31.57 -0.31 -0.03	34.98 -0.48 -0.60	39.68 -0.65 -3.22	39.69 -0.79 0.00	45.89 -1.05 0.00	52.61 -0.82 0.00	79.58 0.98 0.00	52.06 0.67 0.00	49.98 0.75 0.00	44.89 0.55 0.00	35.88 0.37 0.00
NEWKRMKL_115KV_TB1 55635	30.55 -0.06 0.00	25.12 0.13 0.00	23.19 0.23 0.00	19.99 0.33 0.00	20.10 0.34 0.00	20.61 0.25 0.00	24.54 0.10 0.00	30.60 0.10 0.00	35.72 -0.08 0.00	29.68 -0.08 0.78	29.29 -0.08 0.49	25.36 -0.04 0.22	29.44 -0.10 0.00	31.73 -0.10 0.03	34.11 -0.22 0.52	34.13 -0.18 2.80	40.27 -0.22 0.00	46.76 -0.19 0.00	53.44 0.01 0.00	78.61 0.01 0.00	51.40 0.01 0.00	49.29 0.06 0.00	44.27 -0.07 0.00	35.51 0.00 0.00
NEWTON___FALLS_HYD 23847	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.27 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.29 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.84 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
NGRID_A1_DSASP 323792	30.84 0.23 0.00	25.13 0.14 0.00	22.84 -0.11 0.00	19.24 -0.41 0.00	19.38 -0.39 0.00	19.86 -0.49 0.00	23.55 -0.89 0.00	29.31 -1.18 0.00	35.25 -0.56 0.00	30.10 -0.43 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.35 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
NGRID_A2_DSASP 323793	30.84 0.23 0.00	25.13 0.14 0.00	22.84 -0.11 0.00	19.24 -0.41 0.00	19.38 -0.39 0.00	19.86 -0.49 0.00	23.55 -0.89 0.00	29.31 -1.18 0.00	35.25 -0.56 0.00	30.10 -0.43 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.35 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
NGRID_A4_DSASP 323807	30.84 0.23 0.00	25.13 0.14 0.00	22.84 -0.11 0.00	19.24 -0.41 0.00	19.38 -0.39 0.00	19.86 -0.49 0.00	23.55 -0.89 0.00	29.31 -1.18 0.00	35.25 -0.56 0.00	30.10 -0.43 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.35 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
NIAGARA_115E_LBMP 323715	30.93 0.31 0.00	25.19 0.20 0.00	22.90 -0.06 0.00	19.30 -0.36 0.00	19.44 -0.33 0.00	19.92 -0.43 0.00	23.62 -0.82 0.00	29.41 -1.09 0.00	35.34 -0.47 0.00	30.17 -0.36 0.00	29.66 -0.20 0.00	25.46 -0.15 0.00	29.25 -0.29 0.00	31.64 -0.21 0.00	34.94 0.09 0.00	36.96 -0.15 0.00	40.34 -0.14 0.00	47.04 0.10 0.00	53.36 -0.08 0.00	78.34 -0.26 0.00	51.37 -0.02 0.00	49.00 -0.23 0.00	44.57 0.23 0.00	35.94 0.43 0.00
NIAGARA_115W_LBMP 323714	30.78 0.17 0.00	25.08 0.09 0.00	22.80 -0.16 0.00	19.20 -0.45 0.00	19.34 -0.43 0.00	19.82 -0.53 0.00	23.50 -0.94 0.00	29.25 -1.25 0.00	35.16 -0.64 0.00	30.03 -0.50 0.00	29.52 -0.34 0.00	25.32 -0.29 0.00	29.13 -0.41 0.00	31.51 -0.34 0.00	34.74 -0.12 0.00	36.77 -0.34 0.00	40.13 -0.35 0.00	46.80 -0.15 0.00	52.76 -0.68 0.00	77.31 -1.30 0.00	50.66 -0.74 0.00	48.34 -0.90 0.00	44.22 -0.12 0.00	35.72 0.21 0.00
NIAGARA_230_LBMP 323716	31.00 0.39 0.00	25.24 0.25 0.00	22.96 0.01 0.00	19.36 -0.29 0.00	19.49 -0.28 0.00	19.98 -0.38 0.00	23.69 -0.75 0.00	29.53 -0.97 0.00	35.44 -0.36 0.00	30.27 -0.26 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.35 -0.19 0.00	31.75 -0.11 0.00	34.98 0.12 0.00	37.03 -0.08 0.00	40.41 -0.08 0.00	47.13 0.19 0.00	53.42 -0.02 0.00	78.44 -0.16 0.00	51.36 -0.03 0.00	49.00 -0.24 0.00	44.57 0.23 0.00	35.93 0.42 0.00
NIAGARA___115KV_198_GIBSON 55903	30.77 0.16 0.00	25.08 0.09 0.00	22.80 -0.16 0.00	19.22 -0.44 0.00	19.31 -0.46 0.00	19.79 -0.57 0.00	23.49 -0.94 0.00	29.25 -1.25 0.00	35.16 -0.64 0.00	30.03 -0.50 0.00	29.52 -0.34 0.00	25.33 -0.29 0.00	29.13 -0.41 0.00	31.51 -0.34 0.00	34.73 -0.12 0.00	36.77 -0.34 0.00	40.13 -0.35 0.00	46.80 -0.14 0.00	52.76 -0.68 0.00	77.31 -1.30 0.00	50.65 -0.74 0.00	48.34 -0.89 0.00	44.23 -0.12 0.00	35.72 0.21 0.00
NIAGARA____ 23760	31.00 0.39 0.00	25.24 0.25 0.00	22.96 0.01 0.00	19.36 -0.29 0.00	19.49 -0.28 0.00	19.98 -0.38 0.00	23.69 -0.75 0.00	29.53 -0.97 0.00	35.44 -0.36 0.00	30.27 -0.26 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.35 -0.19 0.00	31.75 -0.11 0.00	34.98 0.12 0.00	37.03 -0.08 0.00	40.41 -0.08 0.00	47.13 0.19 0.00	53.42 -0.02 0.00	78.44 -0.16 0.00	51.36 -0.03 0.00	49.00 -0.24 0.00	44.57 0.23 0.00	35.93 0.42 0.00
NINE_MILE_1 23575	30.04 -0.57 0.00	24.53 -0.46 0.00	22.51 -0.44 0.00	19.25 -0.41 0.00	19.37 -0.40 0.00	19.87 -0.48 0.00	23.68 -0.76 0.00	29.49 -1.01 0.00	34.66 -1.14 0.00	29.59 -0.94 0.00	28.96 -0.90 0.00	24.86 -0.76 0.00	28.66 -0.88 0.00	30.89 -0.97 0.00	33.85 -1.01 0.00	36.01 -1.10 0.00	39.28 -1.20 0.00	45.54 -1.40 0.00	51.87 -1.57 0.00	76.31 -2.29 0.00	47.38 -1.51 2.50	41.21 -1.46 6.57	43.00 -1.31 0.04	34.56 -0.95 0.00
NINE_MILE_2 23744	30.05 -0.56 0.00	24.53 -0.46 0.00	22.51 -0.44 0.00	19.25 -0.40 0.00	19.37 -0.40 0.00	19.88 -0.48 0.00	23.68 -0.76 0.00	29.49 -1.01 0.00	34.66 -1.14 0.00	29.59 -0.94 0.00	28.96 -0.90 0.00	24.86 -0.76 0.00	28.66 -0.88 0.00	30.89 -0.97 0.00	33.85 -1.01 0.00	36.01 -1.10 0.00	39.28 -1.20 0.00	45.54 -1.40 0.00	51.87 -1.57 0.00	76.31 -2.29 0.00	47.34 -1.51 2.54	41.11 -1.46 6.67	43.00 -1.31 0.04	34.56 -0.95 0.00
NM_CAPITAL___DRP 24208	30.58 -0.03 0.00	25.15 0.16 0.00	23.22 0.27 0.00	20.02 0.37 0.00	20.13 0.37 0.00	20.64 0.28 0.00	24.56 0.12 0.00	30.64 0.14 0.00	35.76 -0.04 0.00	29.61 -0.05 0.87	29.25 -0.06 0.55	25.33 -0.04 0.24	29.45 -0.09 0.00	31.73 -0.09 0.03	34.04 -0.23 0.59	33.77 -0.20 3.14	40.23 -0.26 0.00	46.72 -0.22 0.00	53.44 0.00 0.00	78.60 -0.01 0.00	51.41 0.02 0.00	49.31 0.08 0.00	44.30 -0.04 0.00	35.55 0.04 0.00
NM_CENTRAL___DRP 24181	30.65 0.04 0.00	25.02 0.03 0.00	22.96 0.01 0.00	19.62 -0.03 0.00	19.75 -0.02 0.00	20.26 -0.09 0.00	24.15 -0.29 0.00	30.11 -0.39 0.00	35.45 -0.36 0.00	30.25 -0.28 0.00	29.64 -0.22 0.00	25.44 -0.18 0.00	29.32 -0.22 0.00	31.64 -0.21 0.00	34.68 -0.18 0.00	36.90 -0.21 0.00	40.27 -0.21 0.00	46.68 -0.26 0.00	53.19 -0.25 0.00	78.26 -0.34 0.00	51.36 -0.27 -0.24	49.60 -0.27 -0.64	44.05 -0.30 0.00	35.32 -0.18 0.00

NM_FRONTIER___DRP 24179	30.77 0.16 0.00	25.08 0.09 0.00	22.80 -0.16 0.00	19.22 -0.44 0.00	19.31 -0.46 0.00	19.79 -0.57 0.00	23.49 -0.94 0.00	29.25 -1.25 0.00	35.16 -0.64 0.00	30.03 -0.50 0.00	29.52 -0.34 0.00	25.33 -0.29 0.00	29.13 -0.41 0.00	31.51 -0.34 0.00	34.73 -0.12 0.00	36.77 -0.34 0.00	40.13 -0.35 0.00	46.80 -0.14 0.00	52.76 -0.68 0.00	77.31 -1.30 0.00	50.65 -0.74 0.00	48.34 -0.89 0.00	44.23 -0.12 0.00	35.72 0.21 0.00
NM_ST_REGIS___HYD 24053	31.18 0.57 0.00	25.28 0.29 0.00	23.12 0.17 0.00	19.69 0.04 0.00	19.82 0.05 0.00	20.53 0.18 0.00	25.16 0.72 0.00	31.43 0.93 0.00	36.93 1.13 0.00	31.38 0.85 0.00	30.66 0.80 0.00	26.32 0.70 0.00	30.32 0.78 0.00	32.76 0.91 0.00	35.87 1.02 0.00	38.30 1.19 0.00	41.88 1.40 0.00	48.67 1.73 0.00	54.88 1.44 0.00	80.84 2.24 0.00	53.21 1.82 0.00	50.94 1.71 0.00	45.93 1.58 0.00	36.54 1.04 0.00
NORTHPORT___1 23551	40.55 1.37 -8.57	28.21 1.32 -1.91	32.98 1.33 -8.69	20.85 1.19 -0.01	23.10 1.17 -2.17	26.25 1.12 -4.79	30.48 0.97 -5.07	39.93 1.35 -8.08	38.32 1.67 -0.85	40.58 1.78 -8.26	48.23 1.57 -16.80	29.24 1.36 -2.27	35.73 1.51 -4.69	35.58 1.64 -2.09	37.14 1.48 -0.81	42.71 1.29 -4.31	41.85 1.36 0.00	48.13 1.17 -0.01	55.06 1.62 0.00	104.91 2.69 -23.61	62.44 1.75 -9.30	67.04 1.80 -16.00	46.64 1.42 -0.87	37.99 1.10 -1.39
NORTHPORT___2 23552	40.55 1.37 -8.57	28.21 1.32 -1.91	32.98 1.33 -8.69	20.85 1.19 -0.01	23.10 1.17 -2.17	26.25 1.12 -4.79	30.48 0.97 -5.07	39.93 1.35 -8.08	38.32 1.67 -0.85	40.58 1.78 -8.26	48.23 1.57 -16.80	29.24 1.36 -2.27	35.73 1.51 -4.69	35.58 1.64 -2.09	37.14 1.48 -0.81	42.71 1.29 -4.31	41.85 1.36 0.00	48.13 1.17 -0.01	55.06 1.62 0.00	104.91 2.69 -23.61	62.44 1.75 -9.30	67.04 1.80 -16.00	46.64 1.42 -0.87	37.99 1.10 -1.39
NORTHPORT___3 23553	40.42 1.15 -8.66	28.07 1.15 -1.93	32.90 1.17 -8.78	20.71 1.05 -0.01	22.99 1.04 -2.18	26.16 0.98 -4.83	30.37 0.82 -5.12	39.78 1.13 -8.15	38.07 1.41 -0.86	40.42 1.56 -8.33	48.14 1.32 -16.96	29.16 1.26 -2.28	35.67 1.41 -4.73	35.48 1.52 -2.11	36.97 1.31 -0.81	42.49 1.07 -4.31	41.55 1.07 0.00	47.83 0.88 -0.01	54.66 1.22 0.00	104.49 2.11 -23.78	62.06 1.29 -9.38	66.73 1.35 -16.16	46.29 1.07 -0.88	37.79 0.88 -1.40
NORTHPORT___4 23650	40.42 1.15 -8.66	28.07 1.15 -1.93	32.90 1.17 -8.78	20.71 1.05 -0.01	22.99 1.04 -2.18	26.16 0.98 -4.83	30.37 0.82 -5.12	39.78 1.13 -8.15	38.07 1.41 -0.86	40.42 1.56 -8.33	48.14 1.32 -16.96	29.16 1.26 -2.28	35.67 1.41 -4.73	35.48 1.52 -2.11	36.97 1.31 -0.81	42.49 1.07 -4.31	41.55 1.07 0.00	47.83 0.88 -0.01	54.66 1.22 0.00	104.49 2.11 -23.78	62.06 1.29 -9.38	66.73 1.35 -16.16	46.29 1.07 -0.88	37.79 0.88 -1.40
NORTHPORT___IC 23718	40.55 1.37 -8.57	28.21 1.32 -1.91	32.98 1.33 -8.69	20.84 1.19 -0.01	23.10 1.17 -2.17	26.25 1.12 -4.79	30.48 0.98 -5.07	39.92 1.35 -8.08	38.32 1.67 -0.85	40.58 1.79 -8.26	48.22 1.56 -16.80	29.24 1.36 -2.27	35.74 1.52 -4.69	35.57 1.64 -2.09	37.15 1.48 -0.81	42.71 1.29 -4.31	41.85 1.36 0.00	48.13 1.17 -0.01	55.06 1.62 0.00	104.92 2.70 -23.61	62.44 1.75 -9.30	67.04 1.80 -16.00	46.63 1.42 -0.87	37.99 1.10 -1.39
NORTH___COUNTRY_ESR 323785	30.86 0.25 0.00	25.02 0.04 0.00	22.92 -0.03 0.00	19.51 -0.14 0.00	19.61 -0.16 0.00	20.30 -0.05 0.00	24.80 0.36 0.00	31.08 0.58 0.00	36.58 0.78 0.00	31.13 0.60 0.00	30.40 0.54 0.00	26.11 0.49 0.00	30.13 0.59 0.00	32.56 0.71 0.00	35.64 0.79 0.00	38.09 0.98 0.00	41.64 1.15 0.00	48.33 1.38 0.00	54.66 1.22 0.00	80.26 1.66 0.00	52.55 1.16 0.00	50.10 0.87 0.00	44.91 0.56 0.00	35.92 0.42 0.00
NPX_GEN_1385_PROXY 323591	40.43 1.25 -8.57	28.21 1.32 -1.91	32.98 1.33 -8.69	20.76 1.10 -0.01	23.01 1.08 -2.17	21.67 1.12 -0.20	30.48 0.97 -5.07	39.92 1.34 -8.08	38.00 1.35 -0.85	40.03 1.24 -8.26	47.84 1.18 -16.80	28.90 1.02 -2.27	8.87 0.96 21.62	9.27 1.04 23.63	36.50 0.84 -0.81	42.04 0.62 -4.31	41.15 0.67 0.00	47.28 0.33 -0.01	54.32 0.89 0.00	104.67 2.45 -23.61	62.44 1.75 -9.30	67.03 1.79 -16.00	46.33 1.12 -0.87	37.84 0.95 -1.39
NPX_GEN_CSC 323557	40.85 1.56 -8.69	28.38 1.45 -1.94	33.36 1.60 -8.81	21.10 1.44 -0.01	23.38 1.42 -2.19	21.81 1.20 -0.26	30.37 0.79 -5.14	39.71 1.02 -8.18	37.99 1.33 -0.86	40.80 1.91 -8.36	48.55 1.68 -17.02	29.00 1.09 -2.29	35.40 1.12 -4.75	35.14 1.18 -2.11	36.63 0.97 -0.81	42.37 0.95 -4.31	41.61 1.12 0.00	47.82 0.87 -0.01	54.88 1.44 0.00	104.86 2.33 -23.92	62.28 1.46 -9.42	66.91 1.47 -16.21	46.34 1.12 -0.88	37.67 0.75 -1.41
NSINS_S_GLNS_FALLS 23858	31.95 1.34 0.00	26.25 1.26 0.00	24.19 1.24 0.00	20.81 1.16 0.00	20.90 1.13 0.00	21.36 1.01 0.00	25.54 1.10 0.00	31.81 1.31 0.00	36.82 1.02 0.00	30.32 0.69 0.90	30.02 0.74 0.57	25.90 0.54 0.25	30.21 0.67 0.00	32.60 0.79 0.03	35.02 0.76 0.60	34.83 0.95 3.22	41.78 1.29 0.00	48.86 1.92 0.00	56.19 2.75 0.00	82.76 4.16 0.00	54.07 2.68 0.00	51.76 2.52 0.00	46.34 2.00 0.00	37.20 1.69 0.00
NUCOR_STEEL___DRP 24197	31.09 0.48 0.00	25.30 0.31 0.00	23.30 0.35 0.00	19.89 0.24 0.00	20.04 0.27 0.00	20.57 0.21 0.00	24.55 0.11 0.00	30.60 0.10 0.00	35.89 0.08 0.00	30.57 0.04 0.00	29.91 0.05 0.00	25.66 0.04 0.00	29.60 0.06 0.00	31.97 0.12 0.00	35.08 0.23 0.00	37.42 0.31 0.00	40.72 0.24 0.00	47.38 0.44 0.00	53.89 0.45 0.00	79.65 1.04 0.00	52.40 0.61 -0.40	50.90 0.63 -1.04	44.85 0.51 -0.01	35.77 0.26 0.00
NUMBER_THREE_WT_PWR 323818	31.55 0.94 0.00	25.78 0.79 0.00	23.66 0.71 0.00	20.20 0.55 0.00	20.34 0.57 0.00	20.84 0.49 0.00	25.08 0.63 0.00	31.34 0.84 0.00	36.65 0.84 0.00	31.15 0.62 0.00	30.40 0.54 0.00	26.01 0.39 0.00	29.97 0.44 0.00	32.25 0.40 0.00	35.34 0.48 0.00	37.74 0.63 0.00	41.36 0.88 0.00	48.41 1.47 0.00	55.23 1.79 0.00	81.46 2.85 0.00	53.12 1.56 -0.16	51.61 1.94 -0.43	46.45 2.11 0.00	36.95 1.44 0.00
NYISO_LBMP_REFERENCE 24008	30.61 0.00 0.00	24.99 0.00 0.00	22.95 0.00 0.00	19.65 0.00 0.00	19.77 0.00 0.00	20.35 0.00 0.00	24.44 0.00 0.00	30.50 0.00 0.00	35.80 0.00 0.00	30.53 0.00 0.00	29.86 0.00 0.00	25.62 0.00 0.00	29.54 0.00 0.00	31.85 0.00 0.00	34.86 0.00 0.00	37.11 0.00 0.00	40.49 0.00 0.00	46.94 0.00 0.00	53.44 0.00 0.00	78.60 0.00 0.00	51.39 0.00 0.00	49.23 0.00 0.00	44.34 0.00 0.00	35.51 0.00 0.00
NYPA_BRENTWD____GT 24164	41.13 1.68 -8.84	28.51 1.55 -1.97	33.47 1.54 -8.97	21.05 1.39 -0.01	23.36 1.36 -2.23	26.58 1.30 -4.93	30.87 1.20 -5.23	40.50 1.67 -8.33	38.78 2.11 -0.88	41.23 2.21 -8.49	49.18 2.01 -17.31	29.64 1.69 -2.33	36.23 1.87 -4.83	36.02 2.02 -2.15	37.55 1.88 -0.81	43.20 1.77 -4.31	42.42 1.94 0.00	48.81 1.86 -0.01	55.90 2.46 0.00	106.84 3.84 -24.39	63.48 2.49 -9.60	68.21 2.47 -16.50	47.26 2.02 -0.90	38.45 1.51 -1.43

NYPA_GOWANUS____GT5 24156	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.49 1.55 0.00	55.20 1.77 0.00	81.21 2.60 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NYPA_GOWANUS____GT6 24157	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.28 0.93 0.00	25.35 0.91 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.42 1.72 -1.17	32.37 1.77 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.49 1.55 0.00	55.20 1.77 0.00	81.21 2.60 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00
NYPA_HARLEM__RVR__GT1 24160	31.54 0.93 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.61 0.85 0.00	21.22 0.87 0.00	25.30 0.86 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.28 1.59 -1.17	32.22 1.61 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.02 2.42 0.00	52.96 1.56 0.00	50.89 1.65 0.00	45.87 1.53 0.00	36.66 1.15 0.00
NYPA_HARLEM__RVR__GT2 24161	31.54 0.93 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.61 0.85 0.00	21.22 0.87 0.00	25.30 0.86 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.28 1.59 -1.17	32.22 1.61 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.02 2.42 0.00	52.96 1.56 0.00	50.89 1.65 0.00	45.87 1.53 0.00	36.66 1.15 0.00
NYPA_KENT____GT 24152	31.66 1.05 0.00	26.08 1.09 0.00	24.01 1.06 0.00	20.61 0.96 0.00	20.69 0.93 0.00	21.27 0.92 0.00	25.35 0.91 0.00	31.82 1.32 0.00	37.45 1.65 0.00	33.39 1.69 -1.17	32.33 1.73 -0.74	27.40 1.45 -0.33	31.19 1.65 0.00	33.67 1.78 -0.04	37.44 1.77 -0.81	43.03 1.60 -4.31	42.11 1.62 0.00	48.43 1.49 0.00	55.13 1.69 0.00	81.08 2.48 0.00	53.05 1.66 0.00	50.99 1.76 0.00	45.90 1.56 0.00	36.70 1.20 0.00
NYPA_POUCH1____GT 24155	31.60 0.99 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.57 0.92 0.00	20.65 0.88 0.00	21.22 0.87 0.00	25.27 0.84 0.00	31.73 1.23 0.00	37.36 1.56 0.00	33.33 1.63 -1.17	32.26 1.66 -0.74	27.34 1.39 -0.33	31.11 1.57 0.00	33.60 1.71 -0.04	37.35 1.69 -0.81	42.92 1.50 -4.31	41.99 1.51 0.00	48.33 1.39 0.00	55.05 1.62 0.00	81.01 2.41 0.00	53.01 1.62 0.00	50.94 1.70 0.00	45.84 1.50 0.00	36.65 1.14 0.00
NYPA_VERNON____GT2 24162	31.63 1.02 0.00	26.06 1.07 0.00	24.00 1.05 0.00	20.60 0.95 0.00	20.69 0.92 0.00	21.26 0.91 0.00	25.34 0.90 0.00	31.80 1.30 0.00	37.43 1.63 0.00	33.36 1.67 -1.17	32.29 1.69 -0.74	27.38 1.43 -0.33	31.16 1.62 0.00	33.64 1.74 -0.04	37.40 1.74 -0.81	43.01 1.58 -4.31	42.08 1.59 0.00	48.41 1.47 0.00	55.10 1.66 0.00	81.00 2.40 0.00	52.99 1.60 0.00	50.90 1.67 0.00	45.83 1.49 0.00	36.67 1.16 0.00
NYPA_VERNON____GT3 24163	31.63 1.02 0.00	26.06 1.07 0.00	24.00 1.05 0.00	20.60 0.95 0.00	20.69 0.92 0.00	21.26 0.91 0.00	25.34 0.90 0.00	31.80 1.30 0.00	37.43 1.63 0.00	33.36 1.67 -1.17	32.29 1.69 -0.74	27.38 1.43 -0.33	31.16 1.62 0.00	33.64 1.74 -0.04	37.40 1.74 -0.81	43.01 1.58 -4.31	42.08 1.59 0.00	48.41 1.47 0.00	55.10 1.66 0.00	81.00 2.40 0.00	52.99 1.60 0.00	50.90 1.67 0.00	45.83 1.49 0.00	36.67 1.16 0.00
NYPA____ASTORIA_CC1 323568	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.66 0.89 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.61 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.67 -0.04	37.32 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.85 2.24 0.00	52.88 1.49 0.00	50.80 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
NYPA____ASTORIA_CC2 323569	31.57 0.96 0.00	26.02 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.66 0.89 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.61 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.67 -0.04	37.32 1.66 -0.81	42.93 1.50 -4.31	41.99 1.50 0.00	48.30 1.36 0.00	54.99 1.55 0.00	80.85 2.24 0.00	52.88 1.49 0.00	50.80 1.57 0.00	45.74 1.40 0.00	36.60 1.09 0.00
NYPA____HOLTSVILL 23794	40.82 1.53 -8.68	28.35 1.42 -1.94	33.23 1.47 -8.80	20.99 1.33 -0.01	23.26 1.30 -2.19	26.40 1.20 -4.84	30.58 1.01 -5.13	40.07 1.40 -8.17	38.44 1.77 -0.86	40.90 2.02 -8.35	48.66 1.81 -17.00	29.35 1.44 -2.29	35.84 1.56 -4.74	35.65 1.68 -2.11	37.19 1.52 -0.81	42.87 1.45 -4.31	42.09 1.60 0.00	48.37 1.42 -0.01	55.37 1.94 0.00	105.54 3.04 -23.89	62.74 1.93 -9.41	67.39 1.96 -16.20	46.85 1.62 -0.88	38.10 1.19 -1.40
NYPA____HELLGATE_GT1 24158	31.54 0.93 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.61 0.85 0.00	21.22 0.87 0.00	25.30 0.86 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.28 1.59 -1.17	32.22 1.61 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.02 2.42 0.00	52.96 1.56 0.00	50.89 1.65 0.00	45.87 1.53 0.00	36.66 1.15 0.00
NYPA____HELLGATE_GT2 24159	31.54 0.93 0.00	26.04 1.05 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.61 0.85 0.00	21.22 0.87 0.00	25.30 0.86 0.00	31.76 1.25 0.00	37.37 1.57 0.00	33.28 1.59 -1.17	32.22 1.61 -0.74	27.31 1.36 -0.33	31.08 1.54 0.00	33.55 1.65 -0.04	37.31 1.64 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.30 1.36 0.00	55.05 1.62 0.00	81.02 2.42 0.00	52.96 1.56 0.00	50.89 1.65 0.00	45.87 1.53 0.00	36.66 1.15 0.00
NYS_BARGE____HYD 23848	31.28 0.67 0.00	25.47 0.48 0.00	23.15 0.20 0.00	19.52 -0.13 0.00	19.66 -0.10 0.00	20.16 -0.19 0.00	23.92 -0.52 0.00	29.80 -0.70 0.00	35.76 -0.04 0.00	30.55 0.02 0.00	30.03 0.17 0.00	25.78 0.16 0.00	29.62 0.08 0.00	32.04 0.19 0.00	35.42 0.56 0.00	37.48 0.37 0.00	40.91 0.42 0.00	47.71 0.76 0.00	54.11 0.67 0.00	79.58 0.97 0.00	52.17 0.78 0.00	49.78 0.54 0.00	45.22 0.88 0.00	36.42 0.91 0.00
OAK ORCHARD____HYD 24046	31.29 0.68 0.00	25.48 0.49 0.00	23.25 0.30 0.00	19.73 0.07 0.00	19.87 0.09 0.00	20.40 0.05 0.00	24.29 -0.15 0.00	30.33 -0.17 0.00	36.10 0.30 0.00	30.85 0.32 0.00	30.30 0.44 0.00	26.01 0.39 0.00	29.94 0.41 0.00	32.35 0.50 0.00	35.59 0.73 0.00	37.74 0.63 0.00	41.21 0.72 0.00	47.90 0.95 0.00	54.47 1.04 0.00	80.24 1.64 0.00	52.52 1.13 0.00	50.16 0.93 0.00	45.29 0.95 0.00	36.33 0.82 0.00

OAKDALE___35_KV_LOAD 356122	31.03 0.42 0.00	25.31 0.32 0.00	23.23 0.28 0.00	19.81 0.16 0.00	19.96 0.19 0.00	20.45 0.10 0.00	24.42 -0.02 0.00	30.54 0.04 0.00	35.98 0.17 0.00	30.88 0.17 -0.18	30.26 0.29 -0.12	25.88 0.21 -0.05	29.74 0.21 0.00	32.10 0.25 0.00	35.24 0.39 0.00	37.45 0.34 0.00	40.84 0.35 0.00	47.26 0.32 0.00	53.85 0.42 0.00	79.41 0.81 0.00	52.05 0.48 -0.17	50.16 0.47 -0.46	44.68 0.34 0.00	35.78 0.27 0.00
OCC_CHEM___DRP 24175	30.83 0.22 0.00	25.12 0.14 0.00	22.84 -0.11 0.00	19.25 -0.40 0.00	19.35 -0.42 0.00	19.82 -0.53 0.00	23.54 -0.90 0.00	29.31 -1.18 0.00	35.25 -0.55 0.00	30.09 -0.44 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.34 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
OH_GEN_PROXY 24063	31.00 0.39 0.00	25.24 0.25 0.00	22.96 0.01 0.00	19.36 -0.29 0.00	19.50 -0.27 0.00	15.39 -0.37 4.59	23.70 -0.74 0.00	29.56 -0.94 0.00	35.48 -0.33 0.00	30.30 -0.23 0.00	29.77 -0.09 0.00	25.54 -0.07 0.00	29.37 -0.16 0.00	31.78 -0.08 0.00	35.01 0.15 0.00	37.08 -0.03 0.00	40.45 -0.04 0.00	47.18 0.23 0.00	53.48 0.04 0.00	78.56 -0.05 0.00	51.43 0.04 0.00	49.06 -0.17 0.00	44.59 0.25 0.00	35.91 0.40 0.00
OLIN_CORP_DRP 24177	30.96 0.35 0.00	25.23 0.24 0.00	22.93 -0.02 0.00	19.34 -0.31 0.00	19.44 -0.34 0.00	19.91 -0.45 0.00	23.65 -0.79 0.00	29.45 -1.05 0.00	35.39 -0.42 0.00	30.21 -0.32 0.00	29.70 -0.16 0.00	25.49 -0.13 0.00	29.30 -0.24 0.00	31.69 -0.16 0.00	34.99 0.13 0.00	37.02 -0.09 0.00	40.41 -0.08 0.00	47.12 0.18 0.00	53.45 0.01 0.00	78.49 -0.11 0.00	51.43 0.04 0.00	49.06 -0.17 0.00	44.63 0.28 0.00	35.98 0.47 0.00
OLIN_CORP_DSASP 323712	30.84 0.23 0.00	25.13 0.14 0.00	22.84 -0.11 0.00	19.24 -0.41 0.00	19.38 -0.39 0.00	19.86 -0.49 0.00	23.55 -0.89 0.00	29.31 -1.18 0.00	35.25 -0.56 0.00	30.10 -0.43 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.35 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
ONEIDA_HERK_LFGE 323681	31.39 0.78 0.00	25.65 0.66 0.00	23.56 0.60 0.00	20.13 0.48 0.00	20.26 0.49 0.00	20.82 0.46 0.00	24.99 0.54 0.00	31.21 0.71 0.00	36.56 0.76 0.00	31.13 0.60 0.00	30.42 0.56 0.00	26.06 0.44 0.00	30.04 0.50 0.00	32.36 0.51 0.00	35.47 0.61 0.00	37.88 0.77 0.00	41.47 0.98 0.00	48.30 1.35 0.00	55.07 1.64 0.00	81.16 2.56 0.00	52.99 1.50 -0.09	51.07 1.59 -0.24	45.84 1.50 0.00	36.57 1.06 0.00
ONEIDA___115KV_TB4 55905	31.46 0.85 0.00	25.70 0.71 0.00	23.59 0.64 0.00	20.16 0.51 0.00	20.30 0.53 0.00	20.87 0.51 0.00	24.98 0.54 0.00	31.16 0.66 0.00	36.60 0.79 0.00	31.16 0.63 0.00	30.49 0.63 0.00	26.10 0.49 0.00	30.07 0.53 0.00	32.45 0.60 0.00	35.57 0.71 0.00	38.02 0.91 0.00	41.68 1.20 0.00	48.44 1.50 0.00	55.21 1.78 0.00	81.35 2.74 0.00	53.21 1.69 -0.13	51.18 1.60 -0.35	45.69 1.34 0.00	36.50 0.99 0.00
ONONDAGA_REF_OCCRA 23987	30.82 0.21 0.00	25.15 0.16 0.00	23.09 0.13 0.00	19.72 0.07 0.00	19.86 0.09 0.00	20.38 0.02 0.00	24.30 -0.14 0.00	30.31 -0.18 0.00	35.68 -0.12 0.00	30.44 -0.09 0.00	29.81 -0.05 0.00	25.58 -0.04 0.00	29.49 -0.04 0.00	31.83 -0.02 0.00	34.88 0.03 0.00	37.11 0.00 0.00	40.53 0.05 0.00	46.98 0.03 0.00	53.55 0.11 0.00	78.83 0.23 0.00	51.78 0.10 -0.29	50.07 0.08 -0.76	44.33 -0.01 0.00	35.54 0.03 0.00
ONONDAGA___COGEN 23986	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
ONTARIO___LFGE 23819	31.44 0.82 0.00	25.57 0.58 0.00	23.40 0.45 0.00	19.90 0.25 0.00	20.07 0.30 0.00	20.60 0.24 0.00	24.62 0.18 0.00	30.77 0.27 0.00	36.40 0.60 0.00	31.03 0.50 0.00	30.40 0.54 0.00	26.03 0.41 0.00	30.03 0.49 0.00	32.46 0.61 0.00	35.70 0.85 0.00	37.96 0.85 0.00	41.48 1.00 0.00	48.10 1.15 0.00	54.88 1.44 0.00	80.87 2.27 0.00	53.03 1.48 -0.16	50.96 1.31 -0.41	45.42 1.08 0.00	36.36 0.85 0.00
ORANGEVILLE_WT_PWR 323706	31.33 0.71 0.00	25.48 0.49 0.00	23.22 0.27 0.00	19.61 -0.04 0.00	19.78 0.01 0.00	20.30 -0.05 0.00	24.13 -0.31 0.00	30.15 -0.35 0.00	35.99 0.19 0.00	30.72 0.19 0.00	30.19 0.33 0.00	25.80 0.18 0.00	29.70 0.16 0.00	32.15 0.30 0.00	35.48 0.63 0.00	37.62 0.51 0.00	41.13 0.64 0.00	47.68 0.74 0.00	54.07 0.64 0.00	79.91 1.31 0.00	52.34 0.95 0.00	49.90 0.67 0.00	45.13 0.79 0.00	36.26 0.75 0.00
ORANGEVILLE___ESR 323794	31.33 0.71 0.00	25.48 0.49 0.00	23.22 0.27 0.00	19.61 -0.04 0.00	19.78 0.01 0.00	20.30 -0.05 0.00	24.13 -0.31 0.00	30.15 -0.35 0.00	35.99 0.19 0.00	30.72 0.19 0.00	30.19 0.33 0.00	25.80 0.18 0.00	29.70 0.16 0.00	32.15 0.30 0.00	35.48 0.63 0.00	37.62 0.51 0.00	41.13 0.64 0.00	47.68 0.74 0.00	54.07 0.64 0.00	79.91 1.31 0.00	52.34 0.95 0.00	49.90 0.67 0.00	45.13 0.79 0.00	36.26 0.75 0.00
OSWEGATCHIE___HYD 24044	31.32 0.70 0.00	25.49 0.51 0.00	23.35 0.40 0.00	19.92 0.26 0.00	20.04 0.28 0.00	20.63 0.28 0.00	25.05 0.61 0.00	31.28 0.79 0.00	36.68 0.87 0.00	31.16 0.63 0.00	30.42 0.57 0.00	26.07 0.45 0.00	30.02 0.48 0.00	32.33 0.48 0.00	35.46 0.60 0.00	37.85 0.73 0.00	41.40 0.91 0.00	48.31 1.37 0.00	54.87 1.43 0.00	80.89 2.28 0.00	53.13 1.60 -0.14	51.35 1.76 -0.36	46.20 1.86 0.00	36.72 1.21 0.00
OSWEGO___5 23606	30.25 -0.36 0.00	24.69 -0.30 0.00	22.67 -0.28 0.00	19.37 -0.27 0.00	19.50 -0.27 0.00	20.01 -0.34 0.00	23.86 -0.58 0.00	29.73 -0.77 0.00	34.95 -0.85 0.00	29.84 -0.69 0.00	29.20 -0.66 0.00	25.06 -0.56 0.00	28.89 -0.65 0.00	31.14 -0.71 0.00	34.14 -0.72 0.00	36.30 -0.80 0.00	39.62 -0.87 0.00	45.95 -1.00 0.00	52.32 -1.11 0.00	77.01 -1.59 0.00	52.20 -1.06 -1.86	53.11 -1.02 -4.90	43.45 -0.92 -0.03	34.84 -0.67 0.00
OSWEGO___6 23613	30.25 -0.36 0.00	24.69 -0.30 0.00	22.67 -0.28 0.00	19.37 -0.27 0.00	19.50 -0.27 0.00	20.01 -0.34 0.00	23.86 -0.58 0.00	29.73 -0.77 0.00	34.95 -0.85 0.00	29.84 -0.69 0.00	29.20 -0.66 0.00	25.06 -0.56 0.00	28.89 -0.65 0.00	31.14 -0.71 0.00	34.14 -0.72 0.00	36.30 -0.80 0.00	39.62 -0.87 0.00	45.95 -1.00 0.00	52.32 -1.11 0.00	77.01 -1.59 0.00	52.20 -1.06 -1.86	53.11 -1.02 -4.90	43.45 -0.92 -0.03	34.84 -0.67 0.00

OUTOKUMPU-AB___DRP 24206	31.42 0.81 0.00	25.58 0.59 0.00	23.26 0.31 0.00	19.61 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.14 0.00	24.04 -0.40 0.00	30.03 -0.47 0.00	36.16 0.36 0.00	30.91 0.39 0.00	30.43 0.57 0.00	26.03 0.42 0.00	29.99 0.45 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.85 0.73 0.00	41.30 0.82 0.00	48.19 1.25 0.00	54.54 1.11 0.00	80.13 1.53 0.00	52.46 1.07 0.00	50.02 0.79 0.00	45.50 1.16 0.00	36.64 1.13 0.00
OXBOW___BTM 323836	31.12 0.51 0.00	25.34 0.35 0.00	23.03 0.08 0.00	19.40 -0.24 0.00	19.55 -0.22 0.00	20.04 -0.31 0.00	23.78 -0.66 0.00	29.66 -0.84 0.00	35.69 -0.11 0.00	30.51 -0.02 0.00	30.01 0.15 0.00	25.71 0.09 0.00	29.60 0.06 0.00	32.04 0.19 0.00	35.28 0.43 0.00	37.37 0.26 0.00	40.79 0.30 0.00	47.59 0.65 0.00	53.77 0.34 0.00	78.89 0.28 0.00	51.69 0.29 0.00	49.29 0.06 0.00	44.93 0.59 0.00	36.22 0.71 0.00
OXBOW___ 24026	31.12 0.50 0.00	25.34 0.35 0.00	23.03 0.08 0.00	19.42 -0.23 0.00	19.51 -0.25 0.00	20.01 -0.34 0.00	23.78 -0.66 0.00	29.66 -0.84 0.00	35.69 -0.11 0.00	30.50 -0.03 0.00	30.01 0.15 0.00	25.71 0.09 0.00	29.60 0.06 0.00	32.04 0.19 0.00	35.28 0.42 0.00	37.37 0.26 0.00	40.79 0.30 0.00	47.60 0.65 0.00	53.78 0.34 0.00	78.89 0.28 0.00	51.68 0.29 0.00	49.29 0.05 0.00	44.94 0.59 0.00	36.22 0.71 0.00
OXY_CHEM_DSASP 323612	30.83 0.22 0.00	25.12 0.14 0.00	22.84 -0.11 0.00	19.25 -0.40 0.00	19.35 -0.42 0.00	19.82 -0.53 0.00	23.54 -0.90 0.00	29.31 -1.18 0.00	35.25 -0.55 0.00	30.09 -0.44 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.34 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
OZONE_PARK_ESR 323760	31.87 1.26 0.00	26.21 1.22 0.00	24.13 1.18 0.00	20.72 1.07 0.00	20.82 1.05 0.00	21.40 1.04 0.00	25.50 1.06 0.00	32.02 1.52 0.00	37.69 1.88 0.00	33.59 1.90 -1.17	32.51 1.91 -0.74	27.56 1.62 -0.33	31.37 1.83 0.00	33.86 1.98 -0.04	37.63 1.97 -0.81	43.26 1.84 -4.31	42.38 1.89 0.00	48.84 1.90 0.00	55.61 2.17 0.00	81.72 3.12 0.00	53.45 2.06 0.00	51.35 2.11 0.00	46.20 1.85 0.00	36.94 1.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.83 0.22 0.00	25.12 0.14 0.00	22.84 -0.11 0.00	19.25 -0.40 0.00	19.35 -0.42 0.00	19.82 -0.53 0.00	23.54 -0.90 0.00	29.31 -1.18 0.00	35.25 -0.55 0.00	30.09 -0.44 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.34 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
PACKARD___115KV_DUPONT_184 80571	30.83 0.22 0.00	25.12 0.14 0.00	22.84 -0.11 0.00	19.25 -0.40 0.00	19.35 -0.42 0.00	19.82 -0.53 0.00	23.54 -0.90 0.00	29.31 -1.18 0.00	35.25 -0.55 0.00	30.09 -0.44 0.00	29.58 -0.28 0.00	25.38 -0.23 0.00	29.19 -0.34 0.00	31.58 -0.27 0.00	34.82 -0.04 0.00	36.87 -0.24 0.00	40.22 -0.26 0.00	46.92 -0.02 0.00	52.91 -0.52 0.00	77.54 -1.06 0.00	50.81 -0.58 0.00	48.48 -0.76 0.00	44.34 -0.01 0.00	35.80 0.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.57 0.96 0.00	26.05 1.06 0.00	23.98 1.03 0.00	20.56 0.91 0.00	20.62 0.86 0.00	21.22 0.87 0.00	25.29 0.85 0.00	31.75 1.25 0.00	37.37 1.57 0.00	33.29 1.59 -1.17	32.21 1.61 -0.74	27.30 1.35 -0.33	31.08 1.54 0.00	33.54 1.65 -0.04	37.30 1.63 -0.81	42.88 1.46 -4.31	41.96 1.48 0.00	48.32 1.38 0.00	55.10 1.66 0.00	81.05 2.45 0.00	53.00 1.61 0.00	50.93 1.70 0.00	45.86 1.52 0.00	36.64 1.13 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.25 1.64 0.00	26.66 1.67 0.00	24.55 1.60 0.00	21.03 1.38 0.00	21.09 1.32 0.00	21.71 1.36 0.00	25.95 1.50 0.00	32.54 2.04 0.00	38.29 2.49 0.00	34.02 2.32 -1.17	32.90 2.30 -0.74	27.88 1.93 -0.33	31.74 2.20 0.00	34.22 2.33 -0.04	38.02 2.35 -0.81	43.65 2.22 -4.31	42.86 2.37 0.00	49.27 2.32 0.00	56.29 2.86 0.00	82.69 4.08 0.00	54.07 2.67 0.00	51.90 2.67 0.00	46.90 2.56 0.00	37.35 1.84 0.00
PATROON___115KV_TB1 80586	30.64 0.03 0.00	25.19 0.20 0.00	23.25 0.29 0.00	20.04 0.39 0.00	20.15 0.39 0.00	20.66 0.31 0.00	24.61 0.17 0.00	30.69 0.19 0.00	35.84 0.04 0.00	29.75 0.03 0.80	29.37 0.02 0.51	25.44 0.05 0.23	29.54 0.00 0.00	31.84 0.02 0.03	34.23 -0.09 0.54	34.18 -0.03 2.90	40.43 -0.06 0.00	46.94 0.00 0.00	53.65 0.22 0.00	78.91 0.30 0.00	51.58 0.19 0.00	49.47 0.24 0.00	44.42 0.08 0.00	35.62 0.12 0.00
PATTRSNVILLE___SOLAR 323815	31.46 0.85 0.00	25.77 0.78 0.00	23.67 0.72 0.00	20.31 0.66 0.00	20.42 0.65 0.00	20.97 0.62 0.00	25.07 0.63 0.00	31.25 0.75 0.00	36.51 0.71 0.00	30.25 0.41 0.69	29.80 0.38 0.44	25.72 0.30 0.19	29.91 0.37 0.00	32.24 0.41 0.02	34.72 0.30 0.44	35.24 0.45 2.32	41.19 0.70 0.00	48.04 1.09 0.00	55.01 1.58 0.00	80.98 2.38 0.00	52.94 1.55 0.00	50.74 1.51 0.00	45.64 1.30 0.00	36.56 1.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.51 0.90 0.00	25.63 0.64 0.00	23.34 0.39 0.00	19.70 0.05 0.00	19.81 0.04 0.00	20.31 -0.04 0.00	24.16 -0.28 0.00	30.25 -0.25 0.00	36.34 0.54 0.00	31.12 0.59 0.00	30.59 0.74 0.00	26.22 0.61 0.00	30.18 0.65 0.00	32.65 0.81 0.00	35.95 1.09 0.00	38.10 0.99 0.00	41.61 1.12 0.00	48.50 1.56 0.00	55.08 1.65 0.00	81.08 2.48 0.00	53.02 1.63 0.00	50.54 1.31 0.00	45.74 1.39 0.00	36.69 1.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.67 1.05 0.00	26.03 1.04 0.00	23.97 1.02 0.00	20.58 0.93 0.00	20.70 0.94 0.00	21.26 0.91 0.00	25.32 0.88 0.00	31.78 1.27 0.00	37.33 1.52 0.00	33.18 1.50 -1.15	32.11 1.52 -0.73	27.22 1.27 -0.33	31.00 1.47 0.00	33.47 1.58 -0.04	37.26 1.60 -0.80	42.87 1.51 -4.25	42.03 1.55 0.00	48.57 1.62 0.00	55.43 1.99 0.00	81.56 2.96 0.00	53.36 1.97 0.00	51.21 1.98 0.00	46.02 1.68 0.00	36.80 1.29 0.00
PEEKSKILL___ 23653	31.45 0.84 0.00	25.86 0.87 0.00	23.82 0.86 0.00	20.45 0.80 0.00	20.55 0.78 0.00	21.09 0.74 0.00	25.12 0.68 0.00	31.51 1.01 0.00	37.05 1.25 0.00	32.98 1.30 -1.15	31.92 1.32 -0.73	27.05 1.10 -0.33	30.80 1.27 0.00	33.26 1.36 -0.04	36.98 1.32 -0.80	42.56 1.20 -4.26	41.68 1.19 0.00	48.11 1.16 0.00	54.84 1.40 0.00	80.65 2.05 0.00	52.77 1.38 0.00	50.70 1.47 0.00	45.61 1.27 0.00	36.49 0.98 0.00
PGE MADISON___WINDPWR 24146	32.96 2.35 0.00	26.87 1.88 0.00	24.58 1.63 0.00	20.99 1.34 0.00	21.18 1.41 0.00	21.82 1.47 0.00	26.15 1.71 0.00	32.78 2.28 0.00	38.63 2.82 0.00	32.94 2.22 -0.19	32.09 2.11 -0.12	27.37 1.71 -0.05	31.48 1.95 0.00	33.98 2.13 0.00	37.40 2.54 0.00	39.73 2.62 0.00	43.49 3.01 0.00	50.57 3.63 0.00	57.78 4.35 0.00	85.57 6.97 0.00	55.91 4.34 -0.18	53.32 3.61 -0.48	46.84 2.49 0.00	37.22 1.71 0.00

PIERCEFIELD___HYD 23852	31.14 0.53 0.00	25.26 0.27 0.00	23.10 0.14 0.00	19.68 0.03 0.00	19.80 0.03 0.00	20.52 0.17 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.90 1.09 0.00	31.34 0.81 0.00	30.63 0.77 0.00	26.29 0.67 0.00	30.28 0.74 0.00	32.69 0.84 0.00	35.81 0.95 0.00	38.21 1.10 0.00	41.75 1.26 0.00	48.55 1.60 0.00	54.71 1.28 0.00	80.58 1.98 0.00	53.16 1.71 -0.07	51.06 1.65 -0.18	45.95 1.61 0.00	36.53 1.02 0.00
PINELAWN_CC_1 323563	41.66 1.45 -9.60	28.48 1.35 -2.14	34.05 1.36 -9.74	20.89 1.23 -0.01	23.39 1.19 -2.42	26.85 1.14 -5.36	31.17 1.06 -5.68	41.06 1.52 -9.05	38.67 1.91 -0.95	41.65 2.01 -9.11	50.42 1.84 -18.72	29.68 1.57 -2.50	36.50 1.72 -5.25	36.04 1.86 -2.33	37.34 1.67 -0.81	42.97 1.55 -4.31	42.18 1.70 0.00	48.60 1.64 -0.01	55.59 2.16 0.00	108.61 3.33 -26.68	63.97 2.14 -10.43	69.31 2.18 -17.90	47.11 1.79 -0.98	38.41 1.35 -1.55
PJM_GEN_HTP_PROXY 323702	31.59 0.98 0.00	25.99 1.00 0.00	23.95 0.99 0.00	20.56 0.91 0.00	20.66 0.89 0.00	21.21 0.86 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.31 1.51 0.00	33.26 1.56 -1.17	32.19 1.59 -0.74	27.28 1.33 -0.33	31.04 1.50 0.00	33.51 1.62 -0.04	37.25 1.58 -0.81	42.85 1.43 -4.31	41.92 1.43 0.00	48.31 1.37 0.00	55.01 1.57 0.00	80.85 2.25 0.00	52.88 1.49 0.00	50.79 1.56 0.00	45.73 1.39 0.00	36.58 1.07 0.00
PJM_GEN_KEystone 24065	33.86 0.54 -2.71	25.50 0.51 0.00	23.40 0.45 0.00	19.94 0.28 0.00	20.32 0.31 -0.24	20.55 0.20 0.00	24.46 0.02 0.00	30.66 0.16 0.00	36.38 0.58 0.00	31.86 0.68 -0.65	31.06 0.78 -0.41	26.41 0.61 -0.18	30.18 0.65 0.00	32.62 0.75 -0.02	36.09 0.78 -0.45	40.10 0.60 -2.39	41.04 0.56 0.00	47.48 0.53 0.00	54.02 0.58 0.00	79.57 0.97 0.00	52.05 0.66 0.00	49.94 0.71 0.00	45.01 0.66 0.00	36.03 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.79 1.10 -8.08	27.87 1.08 -1.81	32.26 1.10 -8.20	20.66 1.00 -0.01	22.78 0.98 -2.04	25.78 0.92 -4.51	30.03 0.82 -4.78	39.29 1.17 -7.61	38.08 1.48 -0.80	39.97 1.58 -7.86	47.19 1.44 -15.88	29.03 1.26 -2.16	35.37 1.41 -4.42	35.37 1.55 -1.97	37.06 1.40 -0.81	42.68 1.26 -4.31	41.80 1.31 0.00	48.10 1.15 -0.01	54.94 1.51 0.00	102.82 2.30 -21.92	61.62 1.49 -8.74	65.94 1.60 -15.10	46.48 1.32 -0.82	37.84 1.02 -1.31
PJM_GEN_VFT_PROXY 323633	31.49 0.88 0.00	25.90 0.92 0.00	23.86 0.91 0.00	20.49 0.84 0.00	20.58 0.81 0.00	21.13 0.78 0.00	25.18 0.74 0.00	31.61 1.11 0.00	37.19 1.38 0.00	33.16 1.47 -1.17	32.11 1.50 -0.74	27.20 1.25 -0.33	30.95 1.41 0.00	33.42 1.53 -0.04	37.14 1.47 -0.81	42.73 1.31 -4.31	41.78 1.29 0.00	48.15 1.20 0.00	54.79 1.36 0.00	80.52 1.92 0.00	52.66 1.27 0.00	50.59 1.35 0.00	45.53 1.19 0.00	36.42 0.91 0.00
PLATSBURG_115KV_PMLD1 355749	31.28 0.67 0.00	25.39 0.40 0.00	23.25 0.30 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.54 0.19 0.00	25.07 0.63 0.00	31.41 0.91 0.00	36.93 1.12 0.00	31.41 0.89 0.00	30.67 0.81 0.00	26.34 0.72 0.00	30.43 0.89 0.00	32.94 1.09 0.00	36.02 1.16 0.00	38.53 1.42 0.00	42.17 1.68 0.00	49.01 2.07 0.00	55.44 2.01 0.00	81.44 2.84 0.00	53.28 1.89 0.00	50.77 1.54 0.00	45.38 1.04 0.00	36.40 0.89 0.00
PLEASANTVLY___LBMP 24000	31.23 0.62 0.00	25.68 0.70 0.00	23.67 0.72 0.00	20.35 0.69 0.00	20.47 0.70 0.00	20.99 0.64 0.00	24.98 0.54 0.00	31.31 0.81 0.00	36.73 0.92 0.00	32.75 0.95 -1.27	31.63 0.95 -0.81	26.75 0.77 -0.36	30.44 0.90 0.00	32.85 0.96 -0.05	36.62 0.88 -0.88	42.60 0.78 -4.71	41.24 0.75 0.00	47.69 0.74 0.00	54.46 1.03 0.00	80.17 1.57 0.00	52.46 1.06 0.00	50.39 1.16 0.00	45.30 0.96 0.00	36.30 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.43 0.81 0.00	25.82 0.84 0.00	23.80 0.84 0.00	20.44 0.79 0.00	20.56 0.79 0.00	21.10 0.75 0.00	25.12 0.68 0.00	31.51 1.01 0.00	36.99 1.18 0.00	32.93 1.22 -1.18	31.86 1.24 -0.75	26.98 1.02 -0.33	30.72 1.19 0.00	33.14 1.25 -0.04	36.88 1.20 -0.82	42.58 1.09 -4.37	41.59 1.11 0.00	48.03 1.08 0.00	54.83 1.39 0.00	80.76 2.16 0.00	52.86 1.47 0.00	50.77 1.54 0.00	45.66 1.32 0.00	36.56 1.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.43 0.81 0.00	25.82 0.84 0.00	23.80 0.84 0.00	20.44 0.79 0.00	20.56 0.79 0.00	21.10 0.75 0.00	25.12 0.68 0.00	31.51 1.01 0.00	36.99 1.18 0.00	32.93 1.22 -1.18	31.86 1.24 -0.75	26.98 1.02 -0.33	30.72 1.19 0.00	33.14 1.25 -0.04	36.88 1.20 -0.82	42.58 1.09 -4.37	41.59 1.11 0.00	48.03 1.08 0.00	54.83 1.39 0.00	80.76 2.16 0.00	52.86 1.47 0.00	50.77 1.54 0.00	45.66 1.32 0.00	36.56 1.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.49 0.88 0.00	25.88 0.89 0.00	23.84 0.88 0.00	20.48 0.83 0.00	20.60 0.83 0.00	21.14 0.79 0.00	25.18 0.74 0.00	31.57 1.07 0.00	37.04 1.24 0.00	32.85 1.20 -1.12	31.79 1.22 -0.71	26.94 1.00 -0.32	30.69 1.16 0.00	33.14 1.25 -0.04	36.86 1.23 -0.78	42.42 1.16 -4.15	41.65 1.17 0.00	48.21 1.27 0.00	55.08 1.65 0.00	81.09 2.48 0.00	53.05 1.66 0.00	50.92 1.68 0.00	45.75 1.40 0.00	36.60 1.10 0.00
POLETTI____ 23519	31.53 0.92 0.00	25.95 0.96 0.00	23.91 0.96 0.00	20.54 0.89 0.00	20.64 0.88 0.00	21.20 0.86 0.00	25.25 0.81 0.00	31.66 1.16 0.00	37.25 1.45 0.00	33.22 1.52 -1.17	32.14 1.54 -0.74	27.25 1.30 -0.33	31.00 1.46 0.00	33.47 1.58 -0.04	37.20 1.54 -0.81	42.81 1.38 -4.31	41.87 1.38 0.00	48.24 1.30 0.00	54.93 1.49 0.00	80.71 2.11 0.00	52.78 1.39 0.00	50.70 1.47 0.00	45.65 1.31 0.00	36.52 1.01 0.00
POMONA___ESR 323819	31.53 0.92 0.00	25.91 0.92 0.00	23.85 0.90 0.00	20.46 0.81 0.00	20.56 0.80 0.00	21.09 0.74 0.00	25.13 0.69 0.00	31.53 1.03 0.00	37.10 1.30 0.00	32.99 1.35 -1.12	31.95 1.38 -0.71	27.09 1.16 -0.32	30.87 1.34 0.00	33.34 1.44 -0.04	37.05 1.42 -0.77	42.51 1.28 -4.12	41.78 1.29 0.00	48.22 1.28 0.00	54.97 1.53 0.00	80.86 2.26 0.00	52.90 1.51 0.00	50.85 1.62 0.00	45.73 1.38 0.00	36.57 1.06 0.00
PORT_JEFF_3 23555	40.90 1.61 -8.69	28.41 1.49 -1.94	33.29 1.53 -8.81	21.04 1.38 -0.01	23.32 1.35 -2.19	26.45 1.26 -4.85	30.64 1.06 -5.14	40.16 1.48 -8.18	38.52 1.86 -0.86	41.00 2.11 -8.36	48.78 1.91 -17.01	29.43 1.52 -2.29	35.93 1.64 -4.75	35.73 1.77 -2.11	37.28 1.61 -0.81	42.98 1.56 -4.31	42.22 1.74 0.00	48.50 1.55 -0.01	55.51 2.07 0.00	105.70 3.17 -23.93	62.80 1.99 -9.42	67.47 2.03 -16.21	46.98 1.76 -0.88	38.19 1.27 -1.41
PORT_JEFF_4 23616	40.90 1.61 -8.69	28.41 1.49 -1.94	33.29 1.53 -8.81	21.04 1.38 -0.01	23.32 1.35 -2.19	26.45 1.26 -4.85	30.64 1.06 -5.14	40.16 1.48 -8.18	38.52 1.86 -0.86	41.00 2.11 -8.36	48.78 1.91 -17.01	29.43 1.52 -2.29	35.93 1.64 -4.75	35.73 1.77 -2.11	37.28 1.61 -0.81	42.98 1.56 -4.31	42.22 1.74 0.00	48.50 1.55 -0.01	55.51 2.07 0.00	105.70 3.17 -23.93	62.80 1.99 -9.42	67.47 2.03 -16.21	46.98 1.76 -0.88	38.19 1.27 -1.41

PORT_JEFF_IC 23713	40.98 1.66 -8.71	28.46 1.53 -1.94	33.36 1.57 -8.84	21.08 1.41 -0.01	23.36 1.39 -2.20	26.50 1.28 -4.86	30.69 1.10 -5.15	40.21 1.50 -8.21	38.59 1.92 -0.86	41.09 2.19 -8.38	48.89 1.97 -17.06	29.48 1.57 -2.30	35.99 1.69 -4.76	35.79 1.82 -2.12	37.34 1.67 -0.81	43.06 1.63 -4.31	42.31 1.82 0.00	48.55 1.59 -0.01	55.53 2.09 0.00	105.72 3.09 -24.02	62.72 1.88 -9.45	67.46 1.97 -16.26	47.07 1.84 -0.89	38.25 1.33 -1.41
PPL PILGRIM_ST_GT1 24216	41.13 1.68 -8.84	28.51 1.55 -1.97	33.47 1.54 -8.97	21.05 1.39 -0.01	23.36 1.36 -2.23	26.58 1.30 -4.93	30.87 1.20 -5.23	40.50 1.67 -8.33	38.78 2.11 -0.88	41.23 2.21 -8.49	49.18 2.01 -17.31	29.64 1.69 -2.33	36.23 1.87 -4.83	36.02 2.02 -2.15	37.55 1.88 -0.81	43.20 1.77 -4.31	42.42 1.94 0.00	48.81 1.86 -0.01	55.90 2.46 0.00	106.84 3.84 -24.39	63.48 2.49 -9.60	68.21 2.47 -16.50	47.26 2.02 -0.90	38.45 1.51 -1.43
PPL PILGRIM_ST_GT2 24217	41.13 1.68 -8.84	28.51 1.55 -1.97	33.47 1.54 -8.97	21.05 1.39 -0.01	23.36 1.36 -2.23	26.58 1.30 -4.93	30.87 1.20 -5.23	40.50 1.67 -8.33	38.78 2.11 -0.88	41.23 2.21 -8.49	49.18 2.01 -17.31	29.64 1.69 -2.33	36.23 1.87 -4.83	36.02 2.02 -2.15	37.55 1.88 -0.81	43.20 1.77 -4.31	42.42 1.94 0.00	48.81 1.86 -0.01	55.90 2.46 0.00	106.84 3.84 -24.39	63.48 2.49 -9.60	68.21 2.47 -16.50	47.26 2.02 -0.90	38.45 1.51 -1.43
PPL_SHRM_GT3 24213	40.87 1.56 -8.70	28.38 1.46 -1.94	33.37 1.59 -8.83	21.10 1.44 -0.01	23.38 1.42 -2.20	26.42 1.21 -4.86	30.39 0.81 -5.14	39.74 1.05 -8.20	38.02 1.36 -0.86	40.82 1.92 -8.37	48.59 1.69 -17.04	29.01 1.10 -2.29	35.43 1.14 -4.75	35.17 1.20 -2.12	36.64 0.98 -0.81	42.39 0.97 -4.31	41.63 1.14 0.00	47.86 0.91 -0.01	54.94 1.51 0.00	105.02 2.44 -23.97	62.38 1.55 -9.44	67.01 1.54 -16.24	46.39 1.16 -0.88	37.70 0.79 -1.41
PPL_SHRM_GT4 24214	40.87 1.56 -8.70	28.38 1.46 -1.94	33.37 1.59 -8.83	21.10 1.44 -0.01	23.38 1.42 -2.20	26.42 1.21 -4.86	30.39 0.81 -5.14	39.74 1.05 -8.20	38.02 1.36 -0.86	40.82 1.92 -8.37	48.59 1.69 -17.04	29.01 1.10 -2.29	35.43 1.14 -4.75	35.17 1.20 -2.12	36.64 0.98 -0.81	42.39 0.97 -4.31	41.63 1.14 0.00	47.86 0.91 -0.01	54.94 1.51 0.00	105.02 2.44 -23.97	62.38 1.55 -9.44	67.01 1.54 -16.24	46.39 1.16 -0.88	37.70 0.79 -1.41
PROJECT___ORANGE 1 24174	30.66 0.05 0.00	25.02 0.04 0.00	22.97 0.01 0.00	19.62 -0.03 0.00	19.75 -0.01 0.00	20.26 -0.09 0.00	24.16 -0.28 0.00	30.13 -0.37 0.00	35.46 -0.34 0.00	30.26 -0.27 0.00	29.66 -0.20 0.00	25.45 -0.17 0.00	29.34 -0.19 0.00	31.67 -0.19 0.00	34.70 -0.15 0.00	36.91 -0.20 0.00	40.30 -0.19 0.00	46.69 -0.25 0.00	53.21 -0.22 0.00	78.28 -0.32 0.00	51.38 -0.25 -0.24	49.61 -0.26 -0.64	44.07 -0.28 0.00	35.34 -0.17 0.00
PROJECT___ORANGE 2 24166	30.66 0.05 0.00	25.02 0.04 0.00	22.97 0.01 0.00	19.62 -0.03 0.00	19.75 -0.01 0.00	20.26 -0.09 0.00	24.16 -0.28 0.00	30.13 -0.37 0.00	35.46 -0.34 0.00	30.26 -0.27 0.00	29.66 -0.20 0.00	25.45 -0.17 0.00	29.34 -0.19 0.00	31.67 -0.19 0.00	34.70 -0.15 0.00	36.91 -0.20 0.00	40.30 -0.19 0.00	46.69 -0.25 0.00	53.21 -0.22 0.00	78.28 -0.32 0.00	51.38 -0.25 -0.24	49.61 -0.26 -0.64	44.07 -0.28 0.00	35.34 -0.17 0.00
PUCKETT___SOLAR 323809	31.42 0.80 0.00	25.65 0.66 0.00	23.50 0.54 0.00	20.06 0.41 0.00	20.23 0.46 0.00	20.77 0.42 0.00	24.78 0.34 0.00	31.01 0.51 0.00	36.46 0.66 0.00	31.22 0.50 -0.19	30.57 0.58 -0.12	26.15 0.48 -0.05	30.07 0.54 0.00	32.45 0.59 -0.01	35.74 0.77 -0.11	38.43 0.71 -0.61	41.29 0.80 0.00	47.85 0.91 0.00	54.61 1.17 0.00	80.68 2.08 0.00	52.89 1.33 -0.17	50.86 1.18 -0.45	45.15 0.81 0.00	36.09 0.58 0.00
PYRITES___HYD 24023	31.62 1.01 0.00	25.62 0.63 0.00	23.41 0.46 0.00	19.94 0.28 0.00	20.07 0.31 0.00	20.82 0.47 0.00	25.56 1.12 0.00	31.79 1.29 0.00	37.29 1.48 0.00	31.64 1.11 0.00	30.96 1.09 0.00	26.52 0.90 0.00	30.48 0.94 0.00	32.95 1.09 0.00	36.03 1.18 0.00	38.44 1.33 0.00	42.04 1.55 0.00	49.12 2.18 0.00	55.16 1.72 0.00	81.59 2.99 0.00	54.22 2.82 0.00	52.03 2.80 0.00	46.88 2.54 0.00	37.24 1.74 0.00
QUAKERRD_115KV_BK1 80622	30.50 -0.11 0.00	24.85 -0.14 0.00	22.71 -0.25 0.00	19.29 -0.36 0.00	19.41 -0.36 0.00	19.94 -0.42 0.00	23.77 -0.67 0.00	29.67 -0.83 0.00	35.21 -0.59 0.00	30.09 -0.45 0.00	29.53 -0.33 0.00	25.34 -0.28 0.00	29.20 -0.34 0.00	31.55 -0.30 0.00	34.68 -0.17 0.00	36.81 -0.30 0.00	40.19 -0.29 0.00	46.72 -0.23 0.00	53.16 -0.27 0.00	78.23 -0.37 0.00	51.17 -0.22 0.00	48.88 -0.35 0.00	44.10 -0.25 0.00	35.37 -0.14 0.00
QUENSBRY_115KV_TB8 356137	32.23 1.62 0.00	26.47 1.48 0.00	24.41 1.46 0.00	20.99 1.34 0.00	21.06 1.29 0.00	21.55 1.19 0.00	25.78 1.34 0.00	32.05 1.55 0.00	36.96 1.16 0.00	30.40 0.74 0.87	30.14 0.83 0.55	25.96 0.59 0.25	30.32 0.78 0.00	32.73 0.91 0.03	35.15 0.87 0.59	35.08 1.09 3.12	41.99 1.50 0.00	49.20 2.25 0.00	56.74 3.31 0.00	83.58 4.98 0.00	54.63 3.24 0.00	52.30 3.07 0.00	46.74 2.39 0.00	37.45 1.94 0.00
RAMAPO___LBMP 323565	31.39 0.78 0.00	25.80 0.81 0.00	23.76 0.80 0.00	20.38 0.73 0.00	20.49 0.72 0.00	21.02 0.66 0.00	25.03 0.59 0.00	31.39 0.89 0.00	36.93 1.13 0.00	32.83 1.20 -1.10	31.80 1.24 -0.70	26.96 1.03 -0.31	30.72 1.18 0.00	33.17 1.28 -0.04	36.86 1.24 -0.77	42.27 1.09 -4.07	41.57 1.09 0.00	48.00 1.06 0.00	54.70 1.26 0.00	80.48 1.88 0.00	52.68 1.28 0.00	50.63 1.40 0.00	45.54 1.20 0.00	36.42 0.91 0.00
RANKINE____ 23646	31.55 0.94 0.00	25.67 0.68 0.00	23.36 0.41 0.00	19.70 0.05 0.00	19.80 0.03 0.00	20.32 -0.03 0.00	24.17 -0.27 0.00	30.22 -0.27 0.00	36.32 0.52 0.00	31.04 0.51 0.00	30.51 0.65 0.00	26.16 0.54 0.00	30.12 0.58 0.00	32.58 0.73 0.00	35.90 1.05 0.00	38.02 0.91 0.00	41.54 1.06 0.00	48.41 1.47 0.00	54.93 1.50 0.00	80.79 2.18 0.00	52.88 1.49 0.00	50.41 1.17 0.00	45.69 1.34 0.00	36.71 1.20 0.00
RAVENSWOOD_GT2_1 24244	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.72 1.22 0.00	37.33 1.52 0.00	33.27 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.52 0.00	33.52 1.63 -0.04	37.27 1.60 -0.81	42.88 1.46 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.89 2.29 0.00	52.92 1.52 0.00	50.83 1.60 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT2_2 24245	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.72 1.22 0.00	37.33 1.52 0.00	33.27 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.52 0.00	33.52 1.63 -0.04	37.27 1.60 -0.81	42.88 1.46 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.89 2.29 0.00	52.92 1.52 0.00	50.83 1.60 0.00	45.74 1.40 0.00	36.60 1.09 0.00

RAVENSWOOD_GT2_3 24246	31.61 1.00 0.00	26.01 1.02 0.00	23.95 1.00 0.00	20.57 0.92 0.00	20.67 0.91 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.74 1.24 0.00	37.33 1.53 0.00	33.29 1.59 -1.17	32.21 1.61 -0.74	27.30 1.35 -0.33	31.07 1.53 0.00	33.55 1.65 -0.04	37.28 1.62 -0.81	42.90 1.48 -4.31	41.97 1.49 0.00	48.36 1.42 0.00	55.08 1.64 0.00	80.93 2.33 0.00	52.94 1.55 0.00	50.85 1.62 0.00	45.77 1.42 0.00	36.62 1.11 0.00
RAVENSWOOD_GT2_4 24247	31.61 1.00 0.00	26.01 1.02 0.00	23.95 1.00 0.00	20.57 0.92 0.00	20.67 0.91 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.74 1.24 0.00	37.33 1.53 0.00	33.29 1.59 -1.17	32.21 1.61 -0.74	27.30 1.35 -0.33	31.07 1.53 0.00	33.55 1.65 -0.04	37.28 1.62 -0.81	42.90 1.48 -4.31	41.97 1.49 0.00	48.36 1.42 0.00	55.08 1.64 0.00	80.93 2.33 0.00	52.94 1.55 0.00	50.85 1.62 0.00	45.77 1.42 0.00	36.62 1.11 0.00
RAVENSWOOD_GT3_1 24248	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.72 1.22 0.00	37.33 1.52 0.00	33.27 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.06 1.52 0.00	33.52 1.63 -0.04	37.27 1.60 -0.81	42.88 1.46 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.89 2.29 0.00	52.92 1.52 0.00	50.83 1.60 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT3_2 24249	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.29 0.85 0.00	31.72 1.22 0.00	37.33 1.52 0.00	33.27 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.06 1.52 0.00	33.52 1.63 -0.04	37.27 1.60 -0.81	42.88 1.46 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.89 2.29 0.00	52.92 1.52 0.00	50.83 1.60 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT3_3 24250	31.64 1.03 0.00	26.03 1.04 0.00	23.98 1.02 0.00	20.59 0.94 0.00	20.69 0.93 0.00	21.25 0.90 0.00	25.32 0.88 0.00	31.77 1.27 0.00	37.37 1.57 0.00	33.32 1.63 -1.17	32.25 1.64 -0.74	27.33 1.38 -0.33	31.11 1.57 0.00	33.58 1.69 -0.04	37.33 1.66 -0.81	42.95 1.52 -4.31	42.02 1.54 0.00	48.43 1.48 0.00	55.15 1.72 0.00	81.03 2.43 0.00	53.00 1.61 0.00	50.92 1.69 0.00	45.81 1.47 0.00	36.65 1.15 0.00
RAVENSWOOD_GT3_4 24251	31.64 1.03 0.00	26.03 1.04 0.00	23.98 1.02 0.00	20.59 0.94 0.00	20.69 0.93 0.00	21.25 0.90 0.00	25.32 0.88 0.00	31.77 1.27 0.00	37.37 1.57 0.00	33.32 1.63 -1.17	32.25 1.64 -0.74	27.33 1.38 -0.33	31.11 1.57 0.00	33.58 1.69 -0.04	37.33 1.66 -0.81	42.95 1.52 -4.31	42.02 1.54 0.00	48.43 1.48 0.00	55.15 1.72 0.00	81.03 2.43 0.00	53.00 1.61 0.00	50.92 1.69 0.00	45.81 1.47 0.00	36.65 1.15 0.00
RAVENSWOOD_GT_1 23729	31.63 1.02 0.00	26.06 1.07 0.00	24.00 1.05 0.00	20.60 0.95 0.00	20.70 0.93 0.00	21.27 0.92 0.00	25.34 0.90 0.00	31.80 1.30 0.00	37.43 1.63 0.00	33.37 1.67 -1.17	32.29 1.69 -0.74	27.38 1.43 -0.33	31.16 1.62 0.00	33.64 1.74 -0.04	37.40 1.74 -0.81	43.01 1.58 -4.31	42.08 1.59 0.00	48.41 1.47 0.00	55.10 1.66 0.00	81.00 2.40 0.00	52.99 1.60 0.00	50.90 1.67 0.00	45.83 1.48 0.00	36.67 1.16 0.00
RAVENSWOOD_GT_10 24258	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.63 -0.04	37.26 1.60 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.90 2.29 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_11 24259	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.63 -0.04	37.26 1.60 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.90 2.29 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_4 24252	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.19 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.62 -0.04	37.25 1.59 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.06 1.62 0.00	80.92 2.32 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_5 24254	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.19 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.62 -0.04	37.25 1.59 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.06 1.62 0.00	80.92 2.32 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_6 24253	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.19 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.62 -0.04	37.25 1.59 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.06 1.62 0.00	80.92 2.32 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_7 24255	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.67 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.19 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.62 -0.04	37.25 1.59 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.06 1.62 0.00	80.92 2.32 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.63 -0.04	37.26 1.60 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.90 2.29 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00
RAVENSWOOD_GT_9 24257	31.59 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.90 0.00	21.23 0.88 0.00	25.28 0.84 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.26 1.57 -1.17	32.20 1.59 -0.74	27.28 1.33 -0.33	31.05 1.51 0.00	33.52 1.63 -0.04	37.26 1.60 -0.81	42.88 1.45 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.90 2.29 0.00	52.92 1.53 0.00	50.84 1.61 0.00	45.74 1.40 0.00	36.60 1.09 0.00

RAVENSWOOD___1 23533	31.58 0.97 0.00	26.01 1.03 0.00	23.96 1.01 0.00	20.57 0.92 0.00	20.65 0.88 0.00	21.23 0.88 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.60 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.68 -0.04	37.33 1.67 -0.81	42.94 1.52 -4.31	42.00 1.51 0.00	48.33 1.39 0.00	55.04 1.60 0.00	80.91 2.31 0.00	52.90 1.51 0.00	50.83 1.60 0.00	45.76 1.42 0.00	36.61 1.10 0.00
RAVENSWOOD___2 23534	31.58 0.97 0.00	26.01 1.03 0.00	23.96 1.01 0.00	20.57 0.92 0.00	20.65 0.88 0.00	21.23 0.88 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.60 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.68 -0.04	37.33 1.67 -0.81	42.94 1.52 -4.31	42.00 1.51 0.00	48.33 1.39 0.00	55.04 1.60 0.00	80.91 2.31 0.00	52.90 1.51 0.00	50.83 1.60 0.00	45.76 1.42 0.00	36.61 1.10 0.00
RAVENSWOOD___3 23535	31.60 0.99 0.00	26.00 1.01 0.00	23.95 1.00 0.00	20.56 0.91 0.00	20.66 0.89 0.00	21.21 0.87 0.00	25.29 0.85 0.00	31.72 1.22 0.00	37.32 1.52 0.00	33.27 1.57 -1.17	32.20 1.59 -0.74	27.28 1.34 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.27 1.60 -0.81	42.88 1.46 -4.31	41.95 1.46 0.00	48.34 1.40 0.00	55.05 1.61 0.00	80.90 2.29 0.00	52.92 1.53 0.00	50.83 1.60 0.00	45.74 1.39 0.00	36.60 1.09 0.00
RAVENSWOOD___4 23820	31.58 0.97 0.00	26.01 1.03 0.00	23.96 1.01 0.00	20.57 0.92 0.00	20.65 0.88 0.00	21.23 0.88 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.60 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.56 0.00	33.57 1.68 -0.04	37.33 1.67 -0.81	42.94 1.52 -4.31	42.00 1.51 0.00	48.33 1.39 0.00	55.04 1.60 0.00	80.91 2.31 0.00	52.90 1.51 0.00	50.83 1.60 0.00	45.76 1.42 0.00	36.61 1.10 0.00
RCPL_TRUST___DRP 24196	31.62 1.02 0.00	26.01 1.02 0.00	23.96 1.01 0.00	20.58 0.93 0.00	20.68 0.91 0.00	21.24 0.89 0.00	25.31 0.87 0.00	31.76 1.25 0.00	37.36 1.56 0.00	33.31 1.61 -1.17	32.24 1.64 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.31 1.64 -0.81	42.91 1.49 -4.31	41.98 1.50 0.00	48.38 1.44 0.00	55.09 1.65 0.00	80.93 2.33 0.00	52.94 1.55 0.00	50.84 1.61 0.00	45.77 1.42 0.00	36.62 1.11 0.00
RED___ROCHESTER 323720	31.50 0.89 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.84 0.19 0.00	19.98 0.21 0.00	20.53 0.17 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.12 0.59 0.00	30.57 0.71 0.00	26.24 0.62 0.00	30.21 0.68 0.00	32.66 0.81 0.00	35.93 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.35 1.41 0.00	55.01 1.57 0.00	81.06 2.45 0.00	53.04 1.65 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.62 1.11 0.00
REGAN___SOLAR 323812	32.36 1.75 0.00	26.41 1.42 0.00	24.22 1.27 0.00	20.71 1.06 0.00	20.83 1.07 0.00	21.45 1.10 0.00	25.71 1.27 0.00	32.05 1.55 0.00	37.21 1.41 0.00	30.30 0.46 0.69	29.75 0.33 0.44	25.81 0.39 0.19	30.01 0.47 0.00	32.26 0.43 0.02	34.85 0.38 0.39	35.93 0.92 2.10	42.16 1.68 0.00	49.47 2.53 0.00	56.88 3.44 0.00	83.84 5.24 0.00	54.78 3.39 0.00	52.43 3.20 0.00	47.14 2.80 0.00	37.59 2.09 0.00
RENSSELAER___COGEN 23796	30.48 -0.13 0.00	25.06 0.07 0.00	23.14 0.18 0.00	19.94 0.29 0.00	20.05 0.29 0.00	20.56 0.21 0.00	24.47 0.03 0.00	30.52 0.02 0.00	35.61 -0.19 0.00	29.58 -0.18 0.78	29.19 -0.18 0.49	25.28 -0.12 0.22	29.33 -0.21 0.00	31.60 -0.22 0.03	33.97 -0.36 0.53	33.95 -0.36 2.81	40.07 -0.41 0.00	46.52 -0.42 0.00	53.20 -0.23 0.00	78.29 -0.32 0.00	51.20 -0.20 0.00	49.12 -0.11 0.00	44.13 -0.21 0.00	35.41 -0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.26 3.65 0.00	28.05 3.06 0.00	25.98 3.03 0.00	22.33 2.68 0.00	22.31 2.54 0.00	22.98 2.62 0.00	27.54 3.10 0.00	33.85 3.35 0.00	38.21 2.40 0.00	31.02 1.36 0.87	30.97 1.67 0.55	26.49 1.12 0.25	31.08 1.55 0.00	33.59 1.77 0.03	35.90 1.63 0.59	35.87 1.88 3.12	43.01 2.53 0.00	51.22 4.28 0.00	60.07 6.64 0.00	88.62 10.02 0.00	58.18 6.78 0.00	55.80 6.57 0.00	49.47 5.13 0.00	39.02 3.51 0.00
REVERE_CPPR_DRP 24186	31.72 1.11 0.00	25.94 0.95 0.00	23.81 0.85 0.00	20.33 0.67 0.00	20.46 0.69 0.00	21.05 0.70 0.00	25.24 0.80 0.00	31.49 0.99 0.00	36.96 1.16 0.00	31.44 0.91 0.00	30.74 0.88 0.00	26.33 0.71 0.00	30.35 0.81 0.00	32.72 0.87 0.00	35.89 1.04 0.00	38.42 1.31 0.00	42.13 1.65 0.00	49.06 2.12 0.00	55.92 2.49 0.00	82.43 3.83 0.00	53.85 2.33 -0.12	51.82 2.26 -0.32	46.31 1.96 0.00	36.95 1.44 0.00
REYNLDPA_13_KV_LD 356490	30.91 0.30 0.00	25.09 0.10 0.00	22.94 -0.01 0.00	19.57 -0.08 0.00	19.69 -0.08 0.00	20.42 0.07 0.00	24.91 0.47 0.00	31.17 0.67 0.00	36.68 0.87 0.00	31.21 0.68 0.00	30.48 0.62 0.00	26.20 0.58 0.00	30.22 0.68 0.00	32.62 0.77 0.00	35.75 0.90 0.00	38.12 1.01 0.00	41.59 1.10 0.00	48.24 1.30 0.00	54.52 1.09 0.00	80.07 1.46 0.00	52.47 1.07 0.00	50.17 0.94 0.00	45.23 0.89 0.00	36.10 0.59 0.00
REYNOLDS_115KV_TB3 80639	30.65 0.04 0.00	25.21 0.22 0.00	23.28 0.33 0.00	20.06 0.41 0.00	20.18 0.42 0.00	20.69 0.34 0.00	24.61 0.17 0.00	30.71 0.21 0.00	35.83 0.03 0.00	29.59 0.01 0.95	29.24 -0.02 0.60	25.32 -0.03 0.27	29.49 -0.05 0.00	31.76 -0.06 0.03	34.02 -0.20 0.65	33.50 -0.17 3.44	40.24 -0.25 0.00	46.75 -0.19 0.00	53.47 0.04 0.00	78.68 0.08 0.00	51.46 0.07 0.00	49.39 0.16 0.00	44.37 0.03 0.00	35.62 0.11 0.00
RIVERBAY____ 323610	32.25 1.64 0.00	26.66 1.67 0.00	24.55 1.60 0.00	21.03 1.38 0.00	21.09 1.32 0.00	21.71 1.36 0.00	25.95 1.50 0.00	32.54 2.04 0.00	38.29 2.49 0.00	34.02 2.32 -1.17	32.90 2.30 -0.74	27.88 1.93 -0.33	31.74 2.20 0.00	34.22 2.33 -0.04	38.02 2.35 -0.81	43.65 2.22 -4.31	42.86 2.37 0.00	49.27 2.32 0.00	56.29 2.86 0.00	82.69 4.08 0.00	54.07 2.67 0.00	51.90 2.67 0.00	46.90 2.56 0.00	37.35 1.84 0.00
RIVERSDE_115KV_TB3 55908	30.58 -0.03 0.00	25.15 0.16 0.00	23.22 0.27 0.00	20.02 0.37 0.00	20.13 0.37 0.00	20.64 0.28 0.00	24.56 0.12 0.00	30.64 0.14 0.00	35.76 -0.04 0.00	29.61 -0.05 0.87	29.25 -0.06 0.55	25.33 -0.04 0.24	29.45 -0.09 0.00	31.73 -0.09 0.03	34.04 -0.23 0.59	33.77 -0.20 3.14	40.23 -0.26 0.00	46.72 -0.22 0.00	53.44 0.00 0.00	78.60 -0.01 0.00	51.41 0.02 0.00	49.31 0.08 0.00	44.30 -0.04 0.00	35.55 0.04 0.00
ROARING___BROOK_WT_PWR 323790	30.55 -0.06 0.00	24.94 -0.05 0.00	22.89 -0.06 0.00	19.57 -0.08 0.00	19.67 -0.10 0.00	20.22 -0.12 0.00	24.39 -0.05 0.00	30.55 0.05 0.00	35.84 0.04 0.00	30.58 0.05 0.00	29.89 0.03 0.00	25.64 0.03 0.00	29.57 0.03 0.00	31.87 0.02 0.00	34.87 0.02 0.00	37.16 0.05 0.00	40.57 0.08 0.00	47.01 0.07 0.00	53.44 0.00 0.00	78.44 -0.16 0.00	51.14 -0.26 0.00	48.95 -0.28 0.00	44.18 -0.16 0.00	35.42 -0.09 0.00

ROCHESRG_115KV_T4 355643	31.15 0.54 0.00	25.37 0.39 0.00	23.16 0.21 0.00	19.66 0.00 0.00	19.77 0.00 0.00	20.29 -0.06 0.00	24.18 -0.26 0.00	30.18 -0.32 0.00	35.92 0.12 0.00	30.69 0.17 0.00	30.14 0.28 0.00	25.87 0.25 0.00	29.78 0.25 0.00	32.18 0.33 0.00	35.39 0.54 0.00	37.53 0.42 0.00	40.98 0.49 0.00	47.64 0.70 0.00	54.17 0.73 0.00	79.76 1.16 0.00	52.20 0.81 0.00	49.85 0.62 0.00	45.04 0.70 0.00	36.14 0.64 0.00
ROCHESTER_9_IC 23652	31.36 0.75 0.00	25.53 0.54 0.00	23.31 0.35 0.00	19.78 0.13 0.00	19.89 0.12 0.00	20.43 0.07 0.00	24.35 -0.09 0.00	30.41 -0.09 0.00	36.21 0.41 0.00	30.95 0.42 0.00	30.40 0.54 0.00	26.10 0.48 0.00	30.04 0.51 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.87 0.76 0.00	41.36 0.88 0.00	48.08 1.13 0.00	54.67 1.23 0.00	80.55 1.94 0.00	52.71 1.32 0.00	50.32 1.09 0.00	45.44 1.10 0.00	36.44 0.93 0.00
ROCKVIEW_13_KV_LD 356306	31.66 1.04 0.00	26.03 1.04 0.00	23.98 1.02 0.00	20.58 0.93 0.00	20.69 0.93 0.00	21.25 0.90 0.00	25.30 0.86 0.00	31.75 1.25 0.00	37.33 1.53 0.00	33.26 1.56 -1.17	32.19 1.59 -0.74	27.27 1.32 -0.33	31.05 1.51 0.00	33.53 1.63 -0.04	37.26 1.60 -0.81	42.90 1.48 -4.31	42.03 1.54 0.00	48.45 1.51 0.00	55.25 1.81 0.00	81.14 2.53 0.00	53.07 1.68 0.00	50.98 1.74 0.00	45.87 1.53 0.00	36.69 1.19 0.00
ROME____115KV_TB2 80656	31.72 1.11 0.00	25.94 0.95 0.00	23.81 0.85 0.00	20.33 0.67 0.00	20.46 0.69 0.00	21.05 0.70 0.00	25.24 0.80 0.00	31.49 0.99 0.00	36.96 1.16 0.00	31.44 0.91 0.00	30.74 0.88 0.00	26.33 0.71 0.00	30.35 0.81 0.00	32.72 0.87 0.00	35.89 1.04 0.00	38.42 1.31 0.00	42.13 1.65 0.00	49.06 2.12 0.00	55.92 2.49 0.00	82.43 3.83 0.00	53.85 2.33 -0.12	51.82 2.26 -0.32	46.31 1.96 0.00	36.95 1.44 0.00
ROSETON___1 23587	31.24 0.62 0.00	25.68 0.69 0.00	23.66 0.70 0.00	20.33 0.68 0.00	20.44 0.66 0.00	20.97 0.62 0.00	24.96 0.52 0.00	31.30 0.80 0.00	36.73 0.93 0.00	32.58 0.96 -1.09	31.54 0.98 -0.69	26.73 0.80 -0.31	30.46 0.93 0.00	32.88 0.98 -0.04	36.53 0.92 -0.76	41.96 0.81 -4.03	41.27 0.79 0.00	47.72 0.77 0.00	54.47 1.03 0.00	80.20 1.60 0.00	52.46 1.07 0.00	50.40 1.17 0.00	45.33 0.99 0.00	36.31 0.80 0.00
ROSETON___2 23588	31.24 0.62 0.00	25.68 0.69 0.00	23.66 0.70 0.00	20.33 0.68 0.00	20.44 0.66 0.00	20.97 0.62 0.00	24.96 0.52 0.00	31.30 0.80 0.00	36.73 0.93 0.00	32.58 0.96 -1.09	31.54 0.98 -0.69	26.73 0.80 -0.31	30.46 0.93 0.00	32.88 0.98 -0.04	36.53 0.92 -0.76	41.96 0.81 -4.03	41.27 0.79 0.00	47.72 0.77 0.00	54.47 1.03 0.00	80.20 1.60 0.00	52.46 1.07 0.00	50.40 1.17 0.00	45.33 0.99 0.00	36.31 0.80 0.00
ROTTRDAM_115KV_TB3 80664	31.14 0.53 0.00	25.53 0.54 0.00	23.49 0.54 0.00	20.18 0.53 0.00	20.29 0.52 0.00	20.83 0.48 0.00	24.86 0.42 0.00	31.03 0.54 0.00	36.31 0.50 0.00	30.22 0.38 0.69	29.79 0.36 0.44	25.70 0.28 0.19	29.87 0.34 0.00	32.19 0.37 0.02	34.69 0.29 0.45	35.05 0.35 2.41	40.92 0.43 0.00	47.57 0.63 0.00	54.38 0.94 0.00	80.05 1.45 0.00	52.32 0.92 0.00	50.18 0.95 0.00	45.12 0.77 0.00	36.19 0.68 0.00
RUSSELL___1 23602	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
RUSSELL___2 23532	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
RUSSELL___3 23549	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
RUSSELL___4 23556	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
RUSSELL___STATION 23914	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
S SALMON___HYD 24043	30.81 0.20 0.00	25.15 0.17 0.00	23.09 0.13 0.00	19.70 0.05 0.00	19.83 0.06 0.00	20.32 -0.04 0.00	24.26 -0.18 0.00	30.26 -0.24 0.00	35.51 -0.29 0.00	30.27 -0.26 0.00	29.65 -0.21 0.00	25.41 -0.21 0.00	29.23 -0.31 0.00	31.48 -0.37 0.00	34.54 -0.32 0.00	36.72 -0.39 0.00	40.11 -0.38 0.00	46.70 -0.24 0.00	53.39 -0.05 0.00	78.69 0.09 0.00	51.90 -0.02 -0.53	50.84 0.21 -1.39	44.63 0.28 -0.01	35.68 0.17 0.00
S.PERRY___115KV_TB1 80734	32.27 1.66 0.00	26.22 1.23 0.00	23.92 0.97 0.00	20.27 0.62 0.00	20.42 0.65 0.00	20.99 0.64 0.00	25.09 0.65 0.00	31.43 0.93 0.00	37.28 1.47 0.00	31.68 1.15 0.00	31.09 1.22 0.00	26.54 0.93 0.00	30.54 1.00 0.00	32.94 1.09 0.00	36.15 1.30 0.00	37.76 0.65 0.00	41.11 0.63 0.00	47.83 0.89 0.00	53.92 0.48 0.00	80.04 1.43 0.00	52.90 1.50 0.00	50.64 1.41 0.00	46.60 2.26 0.00	37.58 2.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.36 0.74 0.00	25.53 0.53 0.00	23.22 0.27 0.00	19.58 -0.07 0.00	19.67 -0.10 0.00	20.17 -0.18 0.00	23.98 -0.46 0.00	29.94 -0.56 0.00	35.98 0.17 0.00	30.74 0.21 0.00	30.21 0.36 0.00	25.93 0.31 0.00	29.83 0.29 0.00	32.26 0.41 0.00	35.56 0.70 0.00	37.66 0.55 0.00	41.13 0.65 0.00	47.96 1.02 0.00	54.40 0.96 0.00	79.94 1.34 0.00	52.32 0.92 0.00	49.88 0.64 0.00	45.29 0.95 0.00	36.45 0.94 0.00

SAWYER___23_KV_LOAD 55526	31.36 0.74 0.00	25.53 0.53 0.00	23.22 0.27 0.00	19.58 -0.07 0.00	19.67 -0.10 0.00	20.17 -0.18 0.00	23.98 -0.46 0.00	29.94 -0.56 0.00	35.98 0.17 0.00	30.74 0.21 0.00	30.21 0.36 0.00	25.93 0.31 0.00	29.83 0.29 0.00	32.26 0.41 0.00	35.56 0.70 0.00	37.66 0.55 0.00	41.13 0.65 0.00	47.96 1.02 0.00	54.40 0.96 0.00	79.94 1.34 0.00	52.32 0.92 0.00	49.88 0.64 0.00	45.29 0.95 0.00	36.45 0.94 0.00
SELKIRK___I 23801	30.86 0.25 0.00	25.34 0.35 0.00	23.37 0.41 0.00	20.12 0.47 0.00	20.23 0.47 0.00	20.75 0.40 0.00	24.73 0.29 0.00	30.80 0.30 0.00	35.81 0.01 0.00	30.04 -0.04 0.45	29.53 -0.05 0.28	25.45 -0.04 0.13	29.49 -0.05 0.00	31.73 -0.10 0.02	34.37 -0.19 0.30	35.38 -0.12 1.61	40.49 0.00 0.00	47.04 0.09 0.00	53.80 0.36 0.00	79.18 0.58 0.00	51.78 0.39 0.00	49.68 0.45 0.00	44.65 0.31 0.00	35.84 0.33 0.00
SELKIRK___II 23799	30.67 0.06 0.00	25.19 0.20 0.00	23.23 0.28 0.00	20.00 0.36 0.00	20.12 0.35 0.00	20.62 0.27 0.00	24.58 0.14 0.00	30.67 0.18 0.00	35.84 0.03 0.00	30.01 0.03 0.55	29.54 0.03 0.35	25.49 0.03 0.16	29.53 -0.01 0.00	31.81 -0.02 0.02	34.36 -0.13 0.37	34.99 -0.14 1.98	40.32 -0.16 0.00	46.78 -0.16 0.00	53.47 0.04 0.00	78.67 0.07 0.00	51.45 0.06 0.00	49.38 0.14 0.00	44.39 0.05 0.00	35.62 0.11 0.00
SENECA OSWGO___HYD 24041	30.27 -0.34 0.00	24.71 -0.28 0.00	22.68 -0.27 0.00	19.39 -0.26 0.00	19.51 -0.25 0.00	20.03 -0.32 0.00	23.86 -0.58 0.00	29.74 -0.76 0.00	34.95 -0.85 0.00	29.84 -0.69 0.00	29.20 -0.66 0.00	25.06 -0.55 0.00	28.90 -0.63 0.00	31.16 -0.69 0.00	34.16 -0.70 0.00	36.35 -0.76 0.00	39.69 -0.80 0.00	46.03 -0.91 0.00	52.44 -1.00 0.00	77.22 -1.38 0.00	51.25 -0.95 -0.80	50.38 -0.96 -2.11	43.49 -0.87 -0.01	34.88 -0.63 0.00
SENECA___115KV_TB3 355854	31.59 0.98 0.00	25.71 0.72 0.00	23.39 0.44 0.00	19.73 0.08 0.00	19.83 0.06 0.00	20.34 -0.01 0.00	24.20 -0.24 0.00	30.27 -0.23 0.00	36.39 0.59 0.00	31.10 0.57 0.00	30.57 0.71 0.00	26.21 0.59 0.00	30.17 0.63 0.00	32.64 0.79 0.00	35.97 1.12 0.00	38.09 0.98 0.00	41.63 1.14 0.00	48.51 1.56 0.00	55.04 1.61 0.00	80.95 2.34 0.00	52.98 1.59 0.00	50.51 1.27 0.00	45.77 1.42 0.00	36.77 1.26 0.00
SENECA___ENERGY 23797	31.02 0.41 0.00	25.27 0.28 0.00	23.17 0.21 0.00	19.72 0.07 0.00	19.87 0.10 0.00	20.39 0.04 0.00	24.35 -0.09 0.00	30.41 -0.09 0.00	35.90 0.09 0.00	30.66 0.13 0.00	30.04 0.18 0.00	25.76 0.14 0.00	29.69 0.15 0.00	32.08 0.22 0.00	35.24 0.38 0.00	37.51 0.40 0.00	40.91 0.43 0.00	47.48 0.53 0.00	54.10 0.67 0.00	79.68 1.08 0.00	52.40 0.69 -0.32	50.66 0.58 -0.85	44.80 0.45 -0.01	35.86 0.35 0.00
SHOEMAKER___GT 23640	31.22 0.61 0.00	25.64 0.66 0.00	23.61 0.65 0.00	20.26 0.61 0.00	20.37 0.60 0.00	20.91 0.56 0.00	24.91 0.47 0.00	31.27 0.77 0.00	36.72 0.92 0.00	32.50 0.94 -1.03	31.47 0.96 -0.65	26.71 0.80 -0.29	30.46 0.92 0.00	32.87 0.98 -0.04	36.54 0.97 -0.71	41.78 0.87 -3.79	41.36 0.87 0.00	47.80 0.86 0.00	54.55 1.12 0.00	80.30 1.69 0.00	52.55 1.16 0.00	50.49 1.26 0.00	45.39 1.05 0.00	36.32 0.81 0.00
SHOEMAKR_138KV_BK 111 55601	31.22 0.61 0.00	25.64 0.65 0.00	23.61 0.65 0.00	20.26 0.61 0.00	20.37 0.60 0.00	20.90 0.55 0.00	24.91 0.47 0.00	31.26 0.76 0.00	36.72 0.92 0.00	32.51 0.96 -1.02	31.49 0.98 -0.65	26.71 0.80 -0.29	30.46 0.93 0.00	32.88 0.99 -0.04	36.54 0.98 -0.71	41.75 0.88 -3.76	41.35 0.86 0.00	47.79 0.85 0.00	54.53 1.10 0.00	80.28 1.68 0.00	52.51 1.12 0.00	50.47 1.23 0.00	45.37 1.03 0.00	36.31 0.80 0.00
SHOREHAM_IC_1 23715	40.87 1.56 -8.70	28.38 1.46 -1.94	33.37 1.59 -8.83	21.10 1.44 -0.01	23.38 1.42 -2.20	26.42 1.21 -4.86	30.39 0.81 -5.14	39.74 1.05 -8.20	38.02 1.36 -0.86	40.82 1.92 -8.37	48.59 1.69 -17.04	29.01 1.10 -2.29	35.43 1.14 -4.75	35.17 1.20 -2.12	36.64 0.98 -0.81	42.39 0.97 -4.31	41.63 1.14 0.00	47.86 0.91 -0.01	54.94 1.51 0.00	105.02 2.44 -23.97	62.38 1.55 -9.44	67.01 1.54 -16.24	46.39 1.16 -0.88	37.70 0.79 -1.41
SHOREHAM_IC_2 23716	40.87 1.56 -8.70	28.38 1.46 -1.94	33.37 1.59 -8.83	21.10 1.44 -0.01	23.39 1.42 -2.20	26.42 1.21 -4.86	30.39 0.81 -5.14	39.74 1.04 -8.20	38.02 1.35 -0.86	40.82 1.92 -8.37	48.59 1.69 -17.04	29.01 1.10 -2.29	35.43 1.14 -4.75	35.16 1.19 -2.12	36.64 0.98 -0.81	42.39 0.97 -4.31	41.63 1.14 0.00	47.86 0.91 -0.01	54.94 1.50 0.00	105.02 2.45 -23.97	62.38 1.55 -9.44	67.01 1.54 -16.24	46.39 1.16 -0.88	37.70 0.79 -1.41
SISSONVILLE____ 23735	31.14 0.53 0.00	25.26 0.27 0.00	23.10 0.14 0.00	19.68 0.03 0.00	19.80 0.03 0.00	20.52 0.17 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.90 1.09 0.00	31.34 0.81 0.00	30.63 0.77 0.00	26.29 0.67 0.00	30.28 0.74 0.00	32.69 0.84 0.00	35.81 0.95 0.00	38.21 1.10 0.00	41.75 1.26 0.00	48.55 1.60 0.00	54.71 1.28 0.00	80.58 1.98 0.00	53.16 1.71 -0.07	51.06 1.65 -0.18	45.95 1.61 0.00	36.53 1.02 0.00
SITHE_IND_GS1 24169	30.08 -0.53 0.00	24.56 -0.43 0.00	22.54 -0.42 0.00	19.27 -0.39 0.00	19.39 -0.38 0.00	19.89 -0.47 0.00	23.68 -0.76 0.00	29.48 -1.02 0.00	34.64 -1.16 0.00	29.57 -0.95 0.00	28.96 -0.90 0.00	24.85 -0.76 0.00	28.65 -0.89 0.00	30.88 -0.97 0.00	33.83 -1.03 0.00	35.98 -1.13 0.00	39.27 -1.22 0.00	45.51 -1.43 0.00	51.84 -1.60 0.00	76.30 -2.30 0.00	47.53 -1.53 2.33	41.60 -1.50 6.13	42.98 -1.32 0.04	34.56 -0.95 0.00
SITHE_IND_GS2 24170	30.08 -0.53 0.00	24.56 -0.43 0.00	22.54 -0.42 0.00	19.27 -0.39 0.00	19.39 -0.38 0.00	19.89 -0.47 0.00	23.68 -0.76 0.00	29.48 -1.02 0.00	34.64 -1.16 0.00	29.57 -0.95 0.00	28.96 -0.90 0.00	24.85 -0.76 0.00	28.65 -0.89 0.00	30.88 -0.97 0.00	33.83 -1.03 0.00	35.98 -1.13 0.00	39.27 -1.22 0.00	45.51 -1.43 0.00	51.84 -1.60 0.00	76.30 -2.30 0.00	47.53 -1.53 2.33	41.60 -1.50 6.13	42.98 -1.32 0.04	34.56 -0.95 0.00
SITHE_IND_GS3 24171	30.08 -0.53 0.00	24.56 -0.43 0.00	22.54 -0.42 0.00	19.27 -0.39 0.00	19.39 -0.38 0.00	19.89 -0.47 0.00	23.68 -0.76 0.00	29.48 -1.02 0.00	34.64 -1.16 0.00	29.57 -0.95 0.00	28.96 -0.90 0.00	24.85 -0.76 0.00	28.65 -0.89 0.00	30.88 -0.97 0.00	33.83 -1.03 0.00	35.98 -1.13 0.00	39.27 -1.22 0.00	45.51 -1.43 0.00	51.84 -1.60 0.00	76.30 -2.30 0.00	47.53 -1.53 2.33	41.60 -1.50 6.13	42.98 -1.32 0.04	34.56 -0.95 0.00
SITHE_IND_GS4 24172	30.08 -0.53 0.00	24.56 -0.43 0.00	22.54 -0.42 0.00	19.27 -0.39 0.00	19.39 -0.38 0.00	19.89 -0.47 0.00	23.68 -0.76 0.00	29.48 -1.02 0.00	34.64 -1.16 0.00	29.57 -0.95 0.00	28.96 -0.90 0.00	24.85 -0.76 0.00	28.65 -0.89 0.00	30.88 -0.97 0.00	33.83 -1.03 0.00	35.98 -1.13 0.00	39.27 -1.22 0.00	45.51 -1.43 0.00	51.84 -1.60 0.00	76.30 -2.30 0.00	47.53 -1.53 2.33	41.60 -1.50 6.13	42.98 -1.32 0.04	34.56 -0.95 0.00

SITHE____BATAVIA 24024	32.01 1.40 0.00	26.03 1.04 0.00	23.69 0.74 0.00	20.02 0.37 0.00	20.17 0.41 0.00	20.73 0.38 0.00	24.67 0.23 0.00	30.78 0.28 0.00	36.87 1.06 0.00	31.48 0.95 0.00	30.96 1.10 0.00	26.52 0.90 0.00	30.45 0.91 0.00	32.90 1.05 0.00	36.28 1.42 0.00	38.45 1.34 0.00	41.96 1.47 0.00	48.92 1.98 0.00	55.61 2.17 0.00	82.13 3.53 0.00	54.00 2.61 0.00	51.59 2.35 0.00	46.68 2.33 0.00	37.42 1.91 0.00
SITHE____INDEPEND 23800	30.08 -0.53 0.00	24.55 -0.43 0.00	22.54 -0.42 0.00	19.27 -0.38 0.00	19.39 -0.39 0.00	19.88 -0.47 0.00	23.68 -0.76 0.00	29.48 -1.02 0.00	34.64 -1.16 0.00	29.57 -0.96 0.00	28.95 -0.91 0.00	24.85 -0.76 0.00	28.65 -0.89 0.00	30.88 -0.97 0.00	33.83 -1.03 0.00	35.98 -1.13 0.00	39.27 -1.22 0.00	45.51 -1.43 0.00	51.84 -1.60 0.00	76.30 -2.30 2.33	47.52 -1.54 6.13	41.60 -1.50 0.04	42.98 -1.32 0.00	34.56 -0.95 0.00
SITHE____MASSENA 23902	30.94 0.33 0.00	25.11 0.13 0.00	22.97 0.01 0.00	19.58 -0.07 0.00	19.70 -0.07 0.00	20.44 0.08 0.00	24.98 0.54 0.00	31.23 0.73 0.00	36.75 0.95 0.00	31.27 0.74 0.00	30.53 0.67 0.00	26.23 0.61 0.00	30.25 0.71 0.00	32.64 0.79 0.00	35.77 0.91 0.00	38.15 1.04 0.00	41.64 1.15 0.00	48.33 1.38 0.00	54.51 1.08 0.00	80.09 1.49 0.00	52.65 1.26 0.00	50.37 1.14 0.00	45.42 1.08 0.00	36.18 0.67 0.00
SITHE____OGDNSBRG 24021	31.51 0.90 0.00	25.54 0.55 0.00	23.33 0.38 0.00	19.87 0.22 0.00	20.01 0.24 0.00	20.77 0.42 0.00	25.48 1.04 0.00	31.67 1.17 0.00	37.18 1.37 0.00	31.57 1.04 0.00	30.84 0.99 0.00	26.47 0.85 0.00	30.44 0.91 0.00	32.89 1.04 0.00	36.00 1.14 0.00	38.40 1.30 0.00	41.97 1.48 0.00	48.93 1.98 0.00	55.00 1.56 0.00	81.30 2.69 0.00	54.00 2.61 0.00	51.80 2.56 0.00	46.66 2.32 0.00	37.08 1.57 0.00
SITHE____STERLING 23777	31.45 0.84 0.00	25.70 0.71 0.00	23.59 0.64 0.00	20.16 0.51 0.00	20.30 0.53 0.00	20.86 0.51 0.00	24.98 0.54 0.00	31.16 0.66 0.00	36.60 0.79 0.00	31.16 0.64 0.00	30.48 0.63 0.00	26.10 0.49 0.00	30.07 0.53 0.00	32.45 0.60 0.00	35.57 0.71 0.00	38.02 0.91 0.00	41.68 1.20 0.00	48.44 1.50 0.00	55.21 1.78 0.00	81.34 2.74 -0.13	53.21 1.68 -0.35	51.18 1.60 0.00	45.69 1.34 0.00	36.50 0.99 0.00
SLEIGHT__34_KV_TB1 80719	30.93 0.32 0.00	25.19 0.20 0.00	23.06 0.11 0.00	19.61 -0.04 0.00	19.74 -0.03 0.00	20.29 -0.07 0.00	24.22 -0.22 0.00	30.22 -0.28 0.00	35.74 -0.06 0.00	30.48 -0.05 0.00	29.92 0.06 0.00	25.68 0.06 0.00	29.60 0.06 0.00	32.01 0.16 0.00	35.19 0.34 0.00	37.38 0.27 0.00	40.81 0.33 0.00	47.47 0.52 0.00	54.05 0.61 0.00	79.45 0.85 0.00	52.13 0.64 -0.10	50.00 0.51 -0.26	44.80 0.46 0.00	35.86 0.35 0.00
SMITHTWN_69_KV_BK 1 55830	41.17 1.84 -8.72	28.60 1.67 -1.94	33.49 1.69 -8.85	21.17 1.51 -0.01	23.47 1.50 -2.20	26.62 1.40 -4.87	30.83 1.24 -5.16	40.42 1.71 -8.22	38.84 2.17 -0.86	41.34 2.42 -8.39	49.16 2.22 -17.08	29.69 1.77 -2.30	36.23 1.93 -4.77	36.02 2.05 -2.12	37.61 1.94 -0.81	43.35 1.93 -4.31	42.65 2.17 0.00	48.99 2.04 -0.01	56.09 2.66 0.00	106.22 3.51 -24.11	63.28 2.42 -9.47	68.00 2.49 -16.28	47.43 2.20 -0.89	38.50 1.58 -1.41
SOUTH CAIRO____GT 23612	31.56 0.95 0.00	25.87 0.88 0.00	23.85 0.89 0.00	20.54 0.89 0.00	20.67 0.91 0.00	21.21 0.87 0.00	25.34 0.90 0.00	31.54 1.04 0.00	36.50 0.69 0.00	30.65 0.38 0.26	30.02 0.33 0.17	25.86 0.32 0.07	29.84 0.31 0.00	32.17 0.32 0.01	35.04 0.36 0.18	36.65 0.47 0.93	41.47 0.99 0.00	48.41 1.47 0.00	55.66 2.22 0.00	81.95 3.35 0.00	53.64 2.25 0.00	51.35 2.12 0.00	45.96 1.61 0.00	36.73 1.22 0.00
SOUTH HAMPTN____IC 23720	41.44 2.14 -8.69	28.89 1.96 -1.94	33.81 2.04 -8.82	21.43 1.77 -0.01	23.71 1.74 -2.19	26.75 1.55 -4.85	30.80 1.22 -5.14	40.34 1.65 -8.19	38.69 2.03 -0.86	41.29 2.40 -8.36	49.12 2.24 -17.02	29.47 1.56 -2.29	35.82 1.53 -4.75	35.65 1.69 -2.12	37.26 1.59 -0.81	43.11 1.69 -4.31	42.51 2.03 0.00	48.95 2.00 -0.01	56.07 2.63 0.00	106.54 4.00 -23.94	63.37 2.55 -9.43	67.85 2.40 -16.22	46.98 1.76 -0.88	38.16 1.24 -1.41
SOUTHDOW_115KV_TB1 355954	32.25 1.63 0.00	26.28 1.30 0.00	23.98 1.03 0.00	20.22 0.57 0.00	20.34 0.57 0.00	20.92 0.57 0.00	25.02 0.58 0.00	31.49 0.99 0.00	37.93 2.13 0.00	32.49 1.96 0.00	31.94 2.08 0.00	27.35 1.74 0.00	31.45 1.92 0.00	34.01 2.16 0.00	37.40 2.54 0.00	39.56 2.45 0.00	43.18 2.69 0.00	50.25 3.31 0.00	56.95 3.52 0.00	83.90 5.30 0.00	54.91 3.51 0.00	52.23 3.00 0.00	47.10 2.76 0.00	37.64 2.13 0.00
SOUTHOLD_69_KV_BK 2 55809	41.78 2.47 -8.69	29.20 2.27 -1.94	34.09 2.32 -8.82	21.61 1.95 -0.01	23.90 1.94 -2.19	26.91 1.71 -4.85	30.92 1.34 -5.14	40.53 1.84 -8.19	38.85 2.18 -0.86	41.37 2.48 -8.36	49.26 2.38 -17.02	29.54 1.63 -2.29	35.75 1.47 -4.75	35.62 1.65 -2.12	37.33 1.66 -0.81	43.21 1.78 -4.31	42.72 2.23 0.00	49.26 2.30 -0.01	56.52 3.08 0.00	107.20 4.66 -23.94	63.81 2.99 -9.43	68.19 2.73 -16.22	47.09 1.86 -0.88	38.24 1.33 -1.41
SOUTHOLD____IC 23719	41.78 2.47 -8.69	29.20 2.27 -1.94	34.10 2.33 -8.82	21.62 1.95 -0.01	23.90 1.93 -2.19	26.91 1.70 -4.85	30.92 1.34 -5.14	40.54 1.85 -8.19	38.85 2.18 -0.86	41.37 2.48 -8.36	49.27 2.39 -17.02	29.54 1.63 -2.29	35.75 1.47 -4.75	35.62 1.66 -2.12	37.33 1.66 -0.81	43.20 1.78 -4.31	42.72 2.23 0.00	49.26 2.31 -0.01	56.52 3.08 0.00	107.19 4.65 -23.94	63.81 2.99 -9.43	68.19 2.73 -16.22	47.09 1.87 -0.88	38.25 1.33 -1.41
SOUTH_FORK_WT_PWR 323839	41.85 2.55 -8.69	29.30 2.37 -1.94	34.21 2.43 -8.82	21.65 1.99 -0.01	23.93 1.97 -2.19	26.90 1.70 -4.85	30.83 1.26 -5.14	40.44 1.76 -8.19	38.65 1.99 -0.86	41.16 2.27 -8.36	49.12 2.24 -17.02	29.38 1.47 -2.29	35.45 1.16 -4.75	35.35 1.38 -2.12	37.09 1.42 -0.81	42.99 1.57 -4.31	42.55 2.06 0.00	49.10 2.15 -0.01	56.37 2.93 0.00	106.94 4.40 -23.94	63.69 2.87 -9.43	68.02 2.57 -16.22	46.78 1.56 -0.88	38.03 1.11 -1.41
SPIERFLS_115KV_TB 1 80737	31.97 1.36 0.00	26.27 1.28 0.00	24.21 1.26 0.00	20.82 1.17 0.00	20.90 1.13 0.00	21.35 1.00 0.00	25.53 1.10 0.00	31.79 1.29 0.00	36.78 0.98 0.00	30.30 0.64 0.87	30.00 0.70 0.55	25.88 0.51 0.25	30.19 0.66 0.00	32.58 0.76 0.03	35.00 0.73 0.59	34.90 0.91 3.12	41.76 1.27 0.00	48.84 1.89 0.00	56.18 2.74 0.00	82.72 4.12 0.00	54.05 2.66 0.00	51.75 2.52 0.00	46.32 1.98 0.00	37.20 1.69 0.00
ST LAWRENCE____ 23600	30.57 -0.04 0.00	24.82 -0.17 0.00	22.72 -0.23 0.00	19.38 -0.27 0.00	19.50 -0.27 0.00	20.21 -0.14 0.00	24.62 0.18 0.00	30.80 0.30 0.00	36.23 0.43 0.00	30.84 0.31 0.00	30.12 0.26 0.00	25.87 0.25 0.00	29.84 0.31 0.00	32.20 0.35 0.00	35.27 0.41 0.00	37.64 0.53 0.00	41.07 0.58 0.00	47.64 0.70 0.00	53.91 0.47 0.00	79.15 0.55 0.00	51.86 0.47 0.00	49.60 0.36 0.00	44.70 0.36 0.00	35.68 0.17 0.00

STATE_CA_115KV_115_LB 55624	30.64 0.03 0.00	25.19 0.20 0.00	23.25 0.29 0.00	20.04 0.39 0.00	20.15 0.39 0.00	20.66 0.31 0.00	24.61 0.17 0.00	30.69 0.19 0.00	35.84 0.04 0.00	29.75 0.03 0.81	29.37 0.03 0.51	25.45 0.06 0.23	29.54 0.00 0.00	31.84 0.02 0.03	34.22 -0.09 0.54	34.17 -0.03 2.90	40.44 -0.05 0.00	46.94 0.00 0.00	53.65 0.22 0.00	78.91 0.30 0.00	51.58 0.19 0.00	49.48 0.24 0.00	44.43 0.08 0.00	35.62 0.12 0.00
STATE_ST_34_KV_LOAD 55959	31.14 0.53 0.00	25.35 0.36 0.00	23.33 0.37 0.00	19.91 0.25 0.00	20.06 0.29 0.00	20.59 0.23 0.00	24.58 0.14 0.00	30.64 0.14 0.00	35.97 0.16 0.00	30.64 0.11 0.00	29.97 0.11 0.00	25.70 0.09 0.00	29.66 0.12 0.00	32.03 0.18 0.00	35.15 0.29 0.00	37.48 0.37 0.00	40.81 0.32 0.00	47.47 0.53 0.00	54.02 0.58 0.00	79.81 1.21 0.00	52.49 0.73 -0.37	50.94 0.73 -0.98	44.91 0.57 -0.01	35.85 0.34 0.00
STATION_5_MISC_HYD 23604	31.36 0.75 0.00	25.53 0.54 0.00	23.31 0.35 0.00	19.77 0.12 0.00	19.91 0.14 0.00	20.45 0.09 0.00	24.35 -0.09 0.00	30.41 -0.09 0.00	36.22 0.42 0.00	30.96 0.43 0.00	30.40 0.54 0.00	26.10 0.48 0.00	30.04 0.51 0.00	32.47 0.62 0.00	35.72 0.86 0.00	37.87 0.76 0.00	41.36 0.88 0.00	48.07 1.13 0.00	54.67 1.23 0.00	80.55 1.94 0.00	52.72 1.33 0.00	50.33 1.09 0.00	45.44 1.10 0.00	36.44 0.93 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.13 0.52 0.00	25.35 0.36 0.00	23.18 0.23 0.00	19.71 0.06 0.00	19.84 0.07 0.00	20.37 0.02 0.00	24.31 -0.13 0.00	30.37 -0.13 0.00	36.01 0.20 0.00	30.75 0.22 0.00	30.16 0.30 0.00	25.86 0.25 0.00	29.81 0.28 0.00	32.22 0.37 0.00	35.42 0.56 0.00	37.62 0.51 0.00	41.08 0.60 0.00	47.72 0.77 0.00	54.35 0.92 0.00	80.03 1.43 0.00	52.43 0.95 -0.09	50.24 0.77 -0.24	45.03 0.68 0.00	36.09 0.58 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.11 0.50 0.00	25.33 0.34 0.00	23.13 0.18 0.00	19.63 -0.02 0.00	19.75 -0.02 0.00	20.28 -0.07 0.00	24.18 -0.26 0.00	30.20 -0.30 0.00	35.93 0.13 0.00	30.72 0.19 0.00	30.16 0.30 0.00	25.89 0.28 0.00	29.82 0.28 0.00	32.23 0.38 0.00	35.44 0.58 0.00	37.59 0.48 0.00	41.05 0.57 0.00	47.72 0.77 0.00	54.27 0.84 0.00	79.93 1.33 0.00	52.29 0.90 0.00	49.93 0.70 0.00	45.06 0.72 0.00	36.13 0.62 0.00
STA_56___34_KV_BUS2 355983	31.11 0.50 0.00	25.33 0.34 0.00	23.13 0.18 0.00	19.63 -0.02 0.00	19.75 -0.02 0.00	20.28 -0.07 0.00	24.18 -0.26 0.00	30.20 -0.30 0.00	35.93 0.13 0.00	30.72 0.19 0.00	30.16 0.30 0.00	25.89 0.28 0.00	29.82 0.28 0.00	32.23 0.38 0.00	35.44 0.58 0.00	37.59 0.48 0.00	41.05 0.57 0.00	47.72 0.77 0.00	54.27 0.84 0.00	79.93 1.33 0.00	52.29 0.90 0.00	49.93 0.70 0.00	45.06 0.72 0.00	36.13 0.62 0.00
STA_67___115KV_BK2 355882	31.31 0.70 0.00	25.50 0.51 0.00	23.27 0.32 0.00	19.74 0.09 0.00	19.86 0.09 0.00	20.39 0.04 0.00	24.31 -0.13 0.00	30.34 -0.15 0.00	36.12 0.32 0.00	30.88 0.35 0.00	30.33 0.47 0.00	26.04 0.42 0.00	29.97 0.44 0.00	32.39 0.54 0.00	35.63 0.77 0.00	37.77 0.66 0.00	41.26 0.77 0.00	47.95 1.01 0.00	54.53 1.09 0.00	80.34 1.74 0.00	52.57 1.18 0.00	50.21 0.97 0.00	45.34 0.99 0.00	36.37 0.86 0.00
STA_7___115KV_9TRANS 80674	31.50 0.88 0.00	25.63 0.64 0.00	23.39 0.44 0.00	19.85 0.19 0.00	19.97 0.20 0.00	20.50 0.15 0.00	24.45 0.01 0.00	30.54 0.04 0.00	36.38 0.58 0.00	31.11 0.58 0.00	30.56 0.71 0.00	26.24 0.62 0.00	30.21 0.67 0.00	32.66 0.81 0.00	35.92 1.07 0.00	38.08 0.97 0.00	41.61 1.12 0.00	48.36 1.41 0.00	55.01 1.57 0.00	81.06 2.46 0.00	53.03 1.64 0.00	50.63 1.39 0.00	45.70 1.36 0.00	36.63 1.12 0.00
STA_82___115KV_TB1 80780	31.28 0.67 0.00	25.47 0.49 0.00	23.25 0.30 0.00	19.73 0.07 0.00	19.85 0.07 0.00	20.37 0.02 0.00	24.29 -0.15 0.00	30.32 -0.18 0.00	36.09 0.28 0.00	30.85 0.32 0.00	30.30 0.44 0.00	26.01 0.39 0.00	29.94 0.40 0.00	32.35 0.50 0.00	35.58 0.72 0.00	37.73 0.62 0.00	41.21 0.72 0.00	47.89 0.95 0.00	54.46 1.03 0.00	80.22 1.62 0.00	52.51 1.12 0.00	50.14 0.91 0.00	45.29 0.94 0.00	36.33 0.82 0.00
STEEL___WIND 323596	31.56 0.95 0.00	25.68 0.69 0.00	23.37 0.41 0.00	19.70 0.05 0.00	19.83 0.06 0.00	20.36 0.01 0.00	24.18 -0.26 0.00	30.24 -0.26 0.00	36.34 0.54 0.00	31.07 0.54 0.00	30.53 0.67 0.00	26.16 0.54 0.00	30.13 0.59 0.00	32.59 0.74 0.00	35.94 1.08 0.00	38.04 0.93 0.00	41.56 1.08 0.00	48.41 1.47 0.00	54.97 1.53 0.00	80.81 2.21 0.00	52.91 1.52 0.00	50.44 1.21 0.00	45.71 1.37 0.00	36.73 1.22 0.00
STEPHTWN_115KV_BK_2 55603	30.78 0.17 0.00	25.28 0.29 0.00	23.31 0.36 0.00	20.08 0.43 0.00	20.24 0.47 0.00	20.75 0.40 0.00	24.73 0.28 0.00	30.84 0.34 0.00	35.95 0.14 0.00	29.60 -0.15 0.78	29.19 -0.18 0.49	25.52 0.12 0.22	29.63 0.09 0.00	31.93 0.11 0.03	34.35 0.02 0.53	34.41 0.11 2.81	40.62 0.13 0.00	47.19 0.25 0.00	53.90 0.46 0.00	79.38 0.78 0.00	51.90 0.51 0.00	49.76 0.53 0.00	44.65 0.31 0.00	35.77 0.26 0.00
STEBEN_REC_LFGE 323667	31.86 1.26 0.00	25.95 0.96 0.00	23.67 0.72 0.00	20.02 0.38 0.00	20.19 0.42 0.00	20.73 0.38 0.00	24.75 0.31 0.00	31.01 0.51 0.00	36.77 0.97 0.00	31.35 0.82 0.00	30.83 0.97 0.00	26.27 0.65 0.00	30.20 0.67 0.00	32.66 0.81 0.00	36.01 1.16 0.00	38.22 1.11 0.00	41.82 1.33 0.00	48.48 1.54 0.00	55.18 1.74 0.00	81.57 2.97 0.00	53.42 1.90 -0.13	51.11 1.53 -0.34	45.75 1.41 0.00	36.65 1.15 0.00
STILLWATER___SOLAR 323814	31.58 0.97 0.00	25.91 0.92 0.00	23.90 0.94 0.00	20.55 0.90 0.00	20.67 0.91 0.00	21.18 0.83 0.00	25.26 0.82 0.00	31.51 1.01 0.00	36.62 0.82 0.00	30.11 0.55 0.97	29.80 0.56 0.62	25.75 0.40 0.28	30.04 0.50 0.00	32.40 0.58 0.04	34.74 0.54 0.66	34.27 0.66 3.50	41.37 0.89 0.00	48.31 1.36 0.00	55.42 1.98 0.00	81.60 3.00 0.00	53.32 1.93 0.00	51.08 1.85 0.00	45.81 1.47 0.00	36.76 1.26 0.00
STONY___BROOK 24151	41.04 1.71 -8.72	28.50 1.57 -1.94	33.40 1.60 -8.84	21.11 1.44 -0.01	23.39 1.42 -2.20	26.53 1.32 -4.86	30.73 1.14 -5.15	40.29 1.58 -8.21	38.68 2.02 -0.86	41.19 2.27 -8.38	49.00 2.07 -17.07	29.56 1.64 -2.30	36.08 1.78 -4.76	35.88 1.91 -2.12	37.43 1.77 -0.81	43.16 1.74 -4.31	42.44 1.96 0.00	48.72 1.77 -0.01	55.75 2.32 0.00	105.93 3.28 -24.05	62.97 2.12 -9.46	67.67 2.16 -16.27	47.19 1.96 -0.89	38.33 1.41 -1.41
STURGEON_POOL_HYD 23609	31.39 0.78 0.00	25.79 0.80 0.00	23.75 0.79 0.00	20.39 0.74 0.00	20.51 0.74 0.00	21.03 0.68 0.00	25.06 0.63 0.00	31.46 0.96 0.00	36.97 1.17 0.00	32.46 1.21 -0.72	31.55 1.23 -0.46	26.84 1.01 -0.20	30.69 1.15 0.00	33.07 1.19 -0.03	36.55 1.19 -0.50	40.87 1.09 -2.67	41.51 1.03 0.00	47.97 1.03 0.00	54.76 1.33 0.00	80.68 2.08 0.00	52.77 1.38 0.00	50.69 1.45 0.00	45.57 1.23 0.00	36.48 0.97 0.00

ST_LAW_115_BK7_LBMP 345037	30.57 -0.04 0.00	24.81 -0.17 0.00	22.71 -0.25 0.00	19.36 -0.29 0.00	19.48 -0.28 0.00	20.21 -0.14 0.00	24.65 0.21 0.00	30.84 0.34 0.00	36.28 0.48 0.00	30.87 0.35 0.00	30.15 0.29 0.00	25.90 0.29 0.00	29.88 0.34 0.00	32.24 0.39 0.00	35.32 0.46 0.00	37.67 0.56 0.00	41.10 0.62 0.00	47.68 0.74 0.00	53.92 0.48 0.00	79.18 0.58 0.00	51.90 0.51 0.00	49.63 0.40 0.00	44.75 0.41 0.00	35.71 0.20 0.00
ST_LAW_115_BK8_LBMP 345038	30.57 -0.04 0.00	24.81 -0.17 0.00	22.71 -0.25 0.00	19.36 -0.29 0.00	19.48 -0.28 0.00	20.21 -0.14 0.00	24.65 0.21 0.00	30.84 0.34 0.00	36.28 0.48 0.00	30.87 0.35 0.00	30.15 0.29 0.00	25.90 0.29 0.00	29.88 0.34 0.00	32.24 0.39 0.00	35.32 0.46 0.00	37.67 0.56 0.00	41.10 0.62 0.00	47.68 0.74 0.00	53.92 0.48 0.00	79.18 0.58 0.00	51.90 0.51 0.00	49.63 0.40 0.00	44.75 0.41 0.00	35.71 0.20 0.00
ST_LAW_230_BK5_LBMP 345035	30.57 -0.04 0.00	24.82 -0.17 0.00	22.72 -0.23 0.00	19.38 -0.27 0.00	19.50 -0.27 0.00	20.21 -0.14 0.00	24.62 0.18 0.00	30.80 0.30 0.00	36.23 0.43 0.00	30.84 0.31 0.00	30.12 0.26 0.00	25.87 0.25 0.00	29.84 0.31 0.00	32.20 0.35 0.00	35.27 0.41 0.00	37.64 0.53 0.00	41.07 0.58 0.00	47.64 0.70 0.00	53.91 0.47 0.00	79.15 0.55 0.00	51.86 0.47 0.00	49.60 0.36 0.00	44.70 0.36 0.00	35.68 0.17 0.00
ST_LAW_230_BK6_LBMP 345036	30.57 -0.04 0.00	24.82 -0.17 0.00	22.72 -0.23 0.00	19.38 -0.27 0.00	19.50 -0.27 0.00	20.21 -0.14 0.00	24.62 0.18 0.00	30.80 0.30 0.00	36.23 0.43 0.00	30.84 0.31 0.00	30.12 0.26 0.00	25.87 0.25 0.00	29.84 0.31 0.00	32.20 0.35 0.00	35.27 0.41 0.00	37.64 0.53 0.00	41.07 0.58 0.00	47.64 0.70 0.00	53.91 0.47 0.00	79.15 0.55 0.00	51.86 0.47 0.00	49.60 0.36 0.00	44.70 0.36 0.00	35.68 0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.33 0.72 0.00	25.74 0.75 0.00	23.70 0.74 0.00	20.33 0.68 0.00	20.45 0.68 0.00	20.98 0.62 0.00	24.99 0.55 0.00	31.35 0.85 0.00	36.87 1.07 0.00	32.70 1.11 -1.06	31.67 1.14 -0.67	26.86 0.94 -0.30	30.62 1.09 0.00	33.07 1.18 -0.04	36.74 1.15 -0.73	42.05 1.04 -3.90	41.52 1.03 0.00	47.96 1.02 0.00	54.70 1.27 0.00	80.50 1.90 0.00	52.67 1.28 0.00	50.60 1.37 0.00	45.51 1.16 0.00	36.41 0.90 0.00
SWANROAD_115KV_TB1 355699	31.00 0.39 0.00	25.26 0.27 0.00	22.96 0.01 0.00	19.36 -0.29 0.00	19.46 -0.31 0.00	19.93 -0.42 0.00	23.69 -0.75 0.00	29.48 -1.02 0.00	35.42 -0.38 0.00	30.25 -0.28 0.00	29.74 -0.12 0.00	25.53 -0.09 0.00	29.33 -0.20 0.00	31.73 -0.12 0.00	35.04 0.19 0.00	37.07 -0.04 0.00	40.47 -0.02 0.00	47.19 0.25 0.00	53.53 0.09 0.00	78.64 0.03 0.00	51.54 0.15 0.00	49.17 -0.06 0.00	44.72 0.38 0.00	36.05 0.54 0.00
SYNERGY___BIOGAS 323694	32.00 1.39 0.00	26.03 1.04 0.00	23.70 0.74 0.00	20.03 0.38 0.00	20.15 0.38 0.00	20.69 0.34 0.00	24.67 0.23 0.00	30.78 0.28 0.00	36.87 1.06 0.00	31.47 0.94 0.00	30.96 1.10 0.00	26.52 0.90 0.00	30.45 0.91 0.00	32.90 1.05 0.00	36.28 1.42 0.00	38.44 1.34 0.00	41.96 1.47 0.00	48.92 1.97 0.00	55.60 2.17 0.00	82.13 3.52 0.00	54.00 2.61 0.00	51.58 2.35 0.00	46.68 2.34 0.00	37.42 1.91 0.00
SYRACUSE___ENERGY_ST1 323597	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
SYRACUSE___ENERGY_ST2 323598	30.79 0.18 0.00	25.11 0.12 0.00	23.06 0.11 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.01 0.00	24.28 -0.16 0.00	30.27 -0.23 0.00	35.60 -0.20 0.00	30.37 -0.15 0.00	29.74 -0.12 0.00	25.52 -0.10 0.00	29.42 -0.12 0.00	31.76 -0.09 0.00	34.79 -0.07 0.00	37.02 -0.09 0.00	40.42 -0.06 0.00	46.86 -0.08 0.00	53.44 0.00 0.00	78.66 0.05 0.00	51.82 -0.02 -0.44	50.37 -0.03 -1.16	44.28 -0.07 -0.01	35.47 -0.04 0.00
SYRACUSE___POWER 24017	30.79 0.18 0.00	25.13 0.14 0.00	23.06 0.10 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.00 0.00	24.28 -0.16 0.00	30.28 -0.22 0.00	35.64 -0.16 0.00	30.41 -0.12 0.00	29.78 -0.08 0.00	25.55 -0.07 0.00	29.47 -0.07 0.00	31.79 -0.06 0.00	34.84 -0.02 0.00	37.07 -0.04 0.00	40.48 0.00 0.00	46.92 -0.03 0.00	53.49 0.05 0.00	78.73 0.12 0.00	51.71 0.02 -0.29	50.01 0.01 -0.77	44.28 -0.06 0.00	35.49 -0.01 0.00
TALLMAN__138KV_BK151 55660	31.50 0.89 0.00	25.89 0.90 0.00	23.83 0.88 0.00	20.44 0.79 0.00	20.55 0.78 0.00	21.08 0.73 0.00	25.10 0.66 0.00	31.49 0.99 0.00	37.06 1.26 0.00	32.96 1.33 -1.10	31.93 1.36 -0.70	27.06 1.13 -0.31	30.84 1.30 0.00	33.32 1.42 -0.04	37.02 1.40 -0.77	42.44 1.26 -4.07	41.75 1.26 0.00	48.19 1.25 0.00	54.91 1.47 0.00	80.77 2.17 0.00	52.85 1.45 0.00	50.81 1.58 0.00	45.70 1.36 0.00	36.54 1.03 0.00
TEALLAVE_115KV_TB7 355573	30.65 0.04 0.00	25.02 0.03 0.00	22.96 0.01 0.00	19.62 -0.03 0.00	19.75 -0.02 0.00	20.26 -0.09 0.00	24.15 -0.29 0.00	30.11 -0.39 0.00	35.45 -0.36 0.00	30.25 -0.28 0.00	29.64 -0.22 0.00	25.44 -0.18 0.00	29.32 -0.22 0.00	31.64 -0.21 0.00	34.68 -0.18 0.00	36.90 -0.21 0.00	40.27 -0.21 0.00	46.68 -0.26 0.00	53.19 -0.25 0.00	78.26 -0.34 0.00	51.36 -0.27 -0.24	49.60 -0.27 -0.64	44.05 -0.30 0.00	35.32 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	31.52 0.91 0.00	25.66 0.67 0.00	23.34 0.38 0.00	19.71 0.05 0.00	19.81 0.04 0.00	20.32 -0.03 0.00	24.18 -0.26 0.00	30.14 -0.36 0.00	36.13 0.33 0.00	30.87 0.34 0.00	30.36 0.50 0.00	26.06 0.44 0.00	29.92 0.39 0.00	32.36 0.51 0.00	35.72 0.87 0.00	37.83 0.72 0.00	41.29 0.81 0.00	48.13 1.19 0.00	54.64 1.20 0.00	80.47 1.87 0.00	52.81 1.42 0.00	50.39 1.16 0.00	45.71 1.36 0.00	36.74 1.23 0.00
TEMPLE___115KV_TB 2 55572	30.66 0.05 0.00	25.02 0.04 0.00	22.97 0.01 0.00	19.62 -0.03 0.00	19.75 -0.01 0.00	20.26 -0.09 0.00	24.16 -0.28 0.00	30.13 -0.37 0.00	35.46 -0.34 0.00	30.26 -0.27 0.00	29.66 -0.20 0.00	25.45 -0.17 0.00	29.34 -0.19 0.00	31.67 -0.19 0.00	34.70 -0.15 0.00	36.91 -0.20 0.00	40.30 -0.19 0.00	46.69 -0.25 0.00	53.21 -0.22 0.00	78.28 -0.32 0.00	51.38 -0.25 -0.24	49.61 -0.26 -0.64	44.07 -0.28 0.00	35.34 -0.17 0.00
TIANA____69_KV_BK 1 55817	41.32 2.02 -8.69	28.77 1.85 -1.94	33.69 1.92 -8.82	21.35 1.69 -0.01	23.64 1.68 -2.19	26.69 1.49 -4.85	30.75 1.17 -5.14	40.26 1.57 -8.19	38.63 1.96 -0.86	41.25 2.36 -8.36	49.05 2.16 -17.02	29.44 1.52 -2.29	35.82 1.54 -4.75	35.63 1.67 -2.12	37.22 1.55 -0.81	43.04 1.62 -4.31	42.40 1.91 0.00	48.83 1.88 -0.01	55.90 2.46 0.00	106.33 3.79 -23.94	63.21 2.39 -9.43	67.73 2.28 -16.22	46.94 1.72 -0.88	38.11 1.20 -1.41

TILDEN___115KV_TB1 80814	30.79 0.18 0.00	25.13 0.14 0.00	23.06 0.10 0.00	19.70 0.05 0.00	19.84 0.07 0.00	20.36 0.00 0.00	24.28 -0.16 0.00	30.28 -0.22 0.00	35.64 -0.16 0.00	30.41 -0.12 0.00	29.78 -0.08 0.00	25.55 -0.07 0.00	29.47 -0.07 0.00	31.79 -0.06 0.00	34.84 -0.02 0.00	37.07 -0.04 0.00	40.48 0.00 0.00	46.92 -0.03 0.00	53.49 0.05 0.00	78.73 0.12 0.00	51.71 0.02 -0.29	50.01 0.01 -0.77	44.28 -0.06 0.00	35.49 -0.01 0.00
TRIGEN___CC 323695	47.37 1.20 -15.56	29.63 1.17 -3.47	39.91 1.16 -15.79	20.73 1.06 -0.02	24.74 1.04 -3.93	30.04 1.00 -8.69	34.57 0.93 -9.20	46.49 1.32 -14.66	38.99 1.65 -1.54	46.29 1.71 -14.05	61.34 1.59 -29.90	30.85 1.39 -3.84	39.61 1.57 -8.51	37.31 1.71 -3.75	37.27 1.61 -0.81	42.90 1.48 -4.31	42.03 1.54 0.00	48.41 1.45 -0.02	55.23 1.79 0.00	125.55 2.66 -44.29	70.04 1.75 -16.90	79.79 1.86 -28.71	47.47 1.57 -1.57	39.22 1.22 -2.49
TRINITY__115KV__4 BK 55933	30.52 -0.09 0.00	25.09 0.10 0.00	23.17 0.21 0.00	19.97 0.32 0.00	20.08 0.32 0.00	20.59 0.23 0.00	24.51 0.07 0.00	30.56 0.06 0.00	35.66 -0.14 0.00	29.62 -0.13 0.78	29.23 -0.13 0.50	25.30 -0.09 0.22	29.38 -0.16 0.00	31.66 -0.17 0.03	34.02 -0.31 0.53	33.99 -0.29 2.83	40.14 -0.35 0.00	46.61 -0.33 0.00	53.29 -0.14 0.00	78.42 -0.18 0.00	51.28 -0.12 0.00	49.20 -0.04 0.00	44.19 -0.15 0.00	35.47 -0.04 0.00
UNION___PROCESSING_DRP 323587	31.29 0.67 0.00	25.48 0.49 0.00	23.25 0.30 0.00	19.73 0.08 0.00	19.85 0.08 0.00	20.38 0.02 0.00	24.29 -0.15 0.00	30.32 -0.17 0.00	36.10 0.30 0.00	30.85 0.32 0.00	30.30 0.44 0.00	26.01 0.39 0.00	29.94 0.41 0.00	32.36 0.51 0.00	35.59 0.74 0.00	37.74 0.63 0.00	41.21 0.73 0.00	47.90 0.95 0.00	54.47 1.04 0.00	80.23 1.63 0.00	52.52 1.13 0.00	50.16 0.93 0.00	45.30 0.95 0.00	36.33 0.82 0.00
UPPER HUDSON___HYD 24058	31.97 1.35 0.00	26.27 1.28 0.00	24.21 1.26 0.00	20.82 1.17 0.00	20.89 1.12 0.00	21.35 1.00 0.00	25.53 1.10 0.00	31.79 1.29 0.00	36.78 0.98 0.00	30.30 0.64 0.87	30.00 0.70 0.55	25.88 0.51 0.25	30.19 0.65 0.00	32.58 0.76 0.03	35.00 0.73 0.59	34.90 0.91 3.12	41.76 1.27 0.00	48.84 1.89 0.00	56.17 2.74 0.00	82.72 4.12 0.00	54.04 2.65 0.00	51.75 2.52 0.00	46.32 1.98 0.00	37.20 1.69 0.00
UPPER RAQUET___HYD 24056	31.14 0.53 0.00	25.26 0.27 0.00	23.10 0.14 0.00	19.68 0.03 0.00	19.80 0.03 0.00	20.52 0.17 0.00	25.14 0.70 0.00	31.40 0.90 0.00	36.90 1.09 0.00	31.34 0.81 0.00	30.63 0.77 0.00	26.29 0.67 0.00	30.28 0.74 0.00	32.69 0.84 0.00	35.81 0.95 0.00	38.21 1.10 0.00	41.75 1.26 0.00	48.55 1.60 0.00	54.71 1.28 0.00	80.58 1.98 0.00	53.17 1.70 -0.07	51.07 1.65 -0.18	45.95 1.61 0.00	36.53 1.03 0.00
VALLEY44_115KV_TB2 355964	31.63 1.02 0.00	25.78 0.79 0.00	23.56 0.61 0.00	19.92 0.26 0.00	20.06 0.29 0.00	20.52 0.16 0.00	24.37 -0.06 0.00	30.62 0.12 0.00	36.75 0.95 0.00	31.50 0.96 0.00	30.98 1.12 0.00	26.43 0.81 0.00	30.38 0.84 0.00	32.83 0.98 0.00	36.09 1.23 0.00	38.18 1.06 0.00	41.57 1.09 0.00	48.26 1.32 0.00	54.72 1.28 0.00	80.84 2.24 0.00	52.88 1.49 0.00	50.61 1.38 0.00	45.70 1.36 0.00	36.56 1.06 0.00
VALLEY___115KV_TB 1-4 80826	30.52 -0.09 0.00	25.05 0.06 0.00	23.09 0.13 0.00	19.83 0.18 0.00	19.95 0.18 0.00	20.51 0.15 0.00	24.44 0.00 0.00	30.48 -0.02 0.00	35.41 -0.40 0.00	30.03 -0.50 0.00	29.28 -0.58 0.00	25.13 -0.49 0.00	28.96 -0.57 0.00	31.25 -0.60 0.00	34.13 -0.73 0.00	36.53 -0.58 0.00	40.07 -0.41 0.00	46.75 -0.20 0.00	53.54 0.10 0.00	78.96 0.35 0.00	51.50 0.11 0.00	49.26 0.03 0.00	44.27 -0.08 0.00	35.52 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.68 1.06 0.00	25.91 0.92 0.00	23.80 0.84 0.00	20.39 0.74 0.00	20.52 0.75 0.00	21.07 0.71 0.00	25.20 0.76 0.00	31.55 1.05 0.00	36.98 1.17 0.00	31.90 1.10 -0.28	31.15 1.12 -0.18	26.65 0.95 -0.08	30.59 1.06 0.00	33.01 1.15 -0.01	36.39 1.41 -0.13	39.19 1.39 -0.69	41.96 1.48 0.00	48.60 1.65 0.00	55.38 1.95 0.00	81.70 3.09 0.00	53.41 1.93 -0.09	51.32 1.86 -0.23	45.90 1.55 0.00	36.69 1.18 0.00
VISCHER___FERRY HYD 24020	31.02 0.41 0.00	25.48 0.49 0.00	23.53 0.57 0.00	20.26 0.61 0.00	20.38 0.61 0.00	20.90 0.55 0.00	24.88 0.44 0.00	31.06 0.56 0.00	36.16 0.36 0.00	29.55 0.22 1.20	29.29 0.19 0.76	25.38 0.10 0.34	29.69 0.15 0.00	31.98 0.18 0.04	34.09 0.05 0.82	32.87 0.12 4.36	40.62 0.13 0.00	47.35 0.41 0.00	54.25 0.81 0.00	79.86 1.26 0.00	52.19 0.80 0.00	50.06 0.83 0.00	44.93 0.58 0.00	36.08 0.57 0.00
V_A_10_SYNC_DSASP 323832	31.14 0.53 0.00	25.37 0.38 0.00	23.12 0.16 0.00	19.55 -0.10 0.00	19.64 -0.12 0.00	20.14 -0.21 0.00	23.95 -0.49 0.00	29.87 -0.63 0.00	35.74 -0.06 0.00	30.53 0.00 0.00	29.99 0.13 0.00	25.73 0.11 0.00	29.59 0.06 0.00	32.00 0.15 0.00	35.24 0.39 0.00	37.33 0.22 0.00	40.74 0.26 0.00	47.46 0.51 0.00	53.85 0.41 0.00	79.15 0.55 0.00	51.80 0.41 0.00	49.46 0.22 0.00	44.85 0.50 0.00	36.07 0.57 0.00
V_CMM_10_SYNC_DSASP 323787	30.74 0.13 0.00	24.95 -0.04 0.00	22.83 -0.13 0.00	19.46 -0.18 0.00	19.58 -0.18 0.00	20.31 -0.04 0.00	24.78 0.34 0.00	31.00 0.50 0.00	36.48 0.68 0.00	31.04 0.52 0.00	30.32 0.46 0.00	26.05 0.43 0.00	30.05 0.51 0.00	32.43 0.59 0.00	35.54 0.68 0.00	37.90 0.79 0.00	41.35 0.86 0.00	47.97 1.02 0.00	54.23 0.79 0.00	79.61 1.01 0.00	52.19 0.79 0.00	49.91 0.68 0.00	44.98 0.64 0.00	35.91 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	31.28 0.67 0.00	25.39 0.40 0.00	23.25 0.30 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.54 0.19 0.00	25.06 0.62 0.00	31.41 0.91 0.00	36.93 1.12 0.00	31.42 0.89 0.00	30.67 0.81 0.00	26.33 0.72 0.00	30.43 0.89 0.00	32.94 1.09 0.00	36.02 1.16 0.00	38.53 1.42 0.00	42.17 1.68 0.00	49.01 2.07 0.00	55.45 2.01 0.00	81.44 2.83 0.00	53.28 1.89 0.00	50.77 1.54 0.00	45.38 1.04 0.00	36.40 0.89 0.00
V_D_10_SYNC_DSASP 323841	30.94 0.33 0.00	25.11 0.12 0.00	22.97 0.01 0.00	19.58 -0.07 0.00	19.70 -0.07 0.00	20.44 0.08 0.00	24.98 0.54 0.00	31.23 0.73 0.00	36.75 0.95 0.00	31.26 0.73 0.00	30.53 0.67 0.00	26.23 0.61 0.00	30.24 0.70 0.00	32.64 0.79 0.00	35.76 0.91 0.00	38.14 1.03 0.00	41.63 1.15 0.00	48.33 1.38 0.00	54.51 1.08 0.00	80.09 1.49 0.00	52.64 1.24 0.00	50.37 1.13 0.00	45.41 1.07 0.00	36.17 0.66 0.00
V_E_10_SYNC_DSASP 323830	32.96 2.35 0.00	26.87 1.88 0.00	24.58 1.63 0.00	20.99 1.34 0.00	21.18 1.41 0.00	21.82 1.47 0.00	26.15 1.71 0.00	32.78 2.28 0.00	38.63 2.82 0.00	32.94 2.22 -0.19	32.09 2.11 -0.12	27.37 1.71 -0.05	31.48 1.95 0.00	33.98 2.13 0.00	37.40 2.54 0.00	39.73 2.62 0.00	43.49 3.01 0.00	50.57 3.63 0.00	57.78 4.35 0.00	85.57 6.97 0.00	55.91 4.34 -0.18	53.32 3.61 -0.48	46.84 2.49 0.00	37.22 1.71 0.00

V_F_30_NSYNC___DSASP 323816	31.64 1.03 0.00	25.96 0.97 0.00	23.92 0.97 0.00	20.58 0.93 0.00	20.70 0.93 0.00	21.21 0.86 0.00	25.31 0.87 0.00	31.57 1.06 0.00	36.72 0.92 0.00	30.25 0.65 0.93	29.92 0.65 0.59	25.84 0.49 0.26	30.14 0.61 0.00	32.52 0.70 0.03	34.89 0.66 0.63	34.58 0.80 3.33	41.51 1.03 0.00	48.44 1.50 0.00	55.54 2.10 0.00	81.79 3.19 0.00	53.44 2.04 0.00	51.19 1.95 0.00	45.90 1.56 0.00	36.83 1.32 0.00
V_F_30_SYNC_DSASP 323786	30.64 0.03 0.00	25.19 0.20 0.00	23.25 0.29 0.00	20.04 0.39 0.00	20.15 0.39 0.00	20.66 0.31 0.00	24.61 0.17 0.00	30.69 0.19 0.00	35.84 0.04 0.00	29.75 0.03 0.80	29.37 0.02 0.51	25.44 0.05 0.23	29.54 0.00 0.00	31.84 0.02 0.03	34.23 -0.09 0.54	34.18 -0.03 2.90	40.43 -0.06 0.00	46.94 0.00 0.00	53.65 0.22 0.00	78.91 0.30 0.00	51.58 0.19 0.00	49.47 0.24 0.00	44.42 0.08 0.00	35.62 0.12 0.00
V_XM_10_SYNC_DSASP 323789	31.28 0.67 0.00	25.39 0.40 0.00	23.25 0.30 0.00	19.78 0.13 0.00	19.88 0.11 0.00	20.54 0.19 0.00	25.06 0.62 0.00	31.41 0.91 0.00	36.93 1.12 0.00	31.42 0.89 0.00	30.67 0.81 0.00	26.33 0.72 0.00	30.43 0.89 0.00	32.94 1.09 0.00	36.02 1.16 0.00	38.53 1.42 0.00	42.17 1.68 0.00	49.01 2.07 0.00	55.45 2.01 0.00	81.44 2.83 0.00	53.28 1.89 0.00	50.77 1.54 0.00	45.38 1.04 0.00	36.40 0.89 0.00
W.BABYLN_69_KV_BK1 56697	41.94 1.72 -9.61	28.70 1.57 -2.14	34.27 1.56 -9.75	21.06 1.40 -0.01	23.58 1.38 -2.43	27.04 1.32 -5.36	31.38 1.26 -5.68	41.32 1.76 -9.06	39.00 2.24 -0.95	41.97 2.32 -9.12	50.73 2.13 -18.74	29.92 1.80 -2.50	36.77 1.99 -5.25	36.32 2.14 -2.33	37.66 1.99 -0.81	43.33 1.91 -4.31	42.58 2.09 0.00	49.06 2.11 -0.01	56.16 2.72 0.00	109.50 4.17 -26.73	64.53 2.70 -10.45	69.84 2.69 -17.92	47.54 2.22 -0.98	38.73 1.67 -1.55
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.77 1.16 0.00	26.11 1.12 0.00	23.99 1.03 0.00	20.52 0.86 0.00	20.63 0.86 0.00	21.16 0.81 0.00	25.21 0.77 0.00	31.63 1.13 0.00	37.23 1.43 0.00	33.11 1.47 -1.12	32.07 1.50 -0.71	27.19 1.26 -0.32	30.99 1.45 0.00	33.47 1.58 -0.04	37.20 1.57 -0.77	42.68 1.46 -4.12	41.97 1.48 0.00	48.43 1.49 0.00	55.20 1.77 0.00	81.20 2.60 0.00	53.12 1.73 0.00	51.05 1.82 0.00	45.89 1.55 0.00	36.70 1.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.62 1.02 0.00	26.02 1.03 0.00	23.97 1.01 0.00	20.58 0.93 0.00	20.68 0.92 0.00	21.25 0.90 0.00	25.32 0.88 0.00	31.77 1.26 0.00	37.37 1.57 0.00	33.32 1.62 -1.17	32.24 1.64 -0.74	27.33 1.38 -0.33	31.10 1.56 0.00	33.58 1.68 -0.04	37.31 1.65 -0.81	42.93 1.51 -4.31	41.99 1.51 0.00	48.39 1.45 0.00	55.10 1.67 0.00	80.95 2.35 0.00	52.94 1.55 0.00	50.85 1.62 0.00	45.78 1.44 0.00	36.62 1.11 0.00
W50THST__13_KV_LOAD 356117	31.77 1.16 0.00	26.13 1.14 0.00	24.07 1.11 0.00	20.66 1.01 0.00	20.78 1.01 0.00	21.35 1.00 0.00	25.45 1.02 0.00	31.96 1.46 0.00	37.62 1.81 0.00	33.55 1.85 -1.17	32.48 1.87 -0.74	27.52 1.58 -0.33	31.33 1.79 0.00	33.83 1.93 -0.04	37.60 1.93 -0.81	43.24 1.81 -4.31	42.32 1.84 0.00	48.74 1.80 0.00	55.42 1.99 0.00	81.40 2.80 0.00	53.21 1.82 0.00	51.10 1.87 0.00	45.99 1.65 0.00	36.79 1.28 0.00
WADING RIVER_IC_1 23522	40.86 1.56 -8.69	28.38 1.45 -1.94	33.37 1.60 -8.81	21.11 1.45 -0.01	23.38 1.42 -2.19	26.40 1.20 -4.85	30.36 0.78 -5.14	39.69 1.01 -8.18	37.98 1.32 -0.86	40.80 1.91 -8.36	48.55 1.68 -17.01	28.98 1.07 -2.29	35.38 1.11 -4.75	35.13 1.16 -2.11	36.60 0.94 -0.81	42.35 0.93 -4.31	41.59 1.10 0.00	47.81 0.86 -0.01	54.87 1.43 0.00	104.82 2.29 -23.92	62.26 1.45 -9.42	66.88 1.44 -16.21	46.34 1.11 -0.88	37.65 0.73 -1.41
WADING RIVER_IC_2 23547	40.86 1.56 -8.69	28.38 1.45 -1.94	33.37 1.60 -8.81	21.11 1.45 -0.01	23.38 1.42 -2.19	26.40 1.20 -4.85	30.36 0.78 -5.14	39.69 1.01 -8.18	37.98 1.32 -0.86	40.80 1.91 -8.36	48.55 1.68 -17.01	28.98 1.07 -2.29	35.38 1.11 -4.75	35.13 1.16 -2.11	36.60 0.94 -0.81	42.35 0.93 -4.31	41.59 1.10 0.00	47.81 0.86 -0.01	54.87 1.43 0.00	104.82 2.29 -23.92	62.26 1.45 -9.42	66.88 1.44 -16.21	46.34 1.11 -0.88	37.65 0.73 -1.41
WADING RIVER_IC_3 23601	40.86 1.56 -8.69	28.38 1.45 -1.94	33.37 1.60 -8.81	21.11 1.45 -0.01	23.38 1.42 -2.19	26.40 1.20 -4.85	30.36 0.78 -5.14	39.69 1.01 -8.18	37.98 1.32 -0.86	40.80 1.91 -8.36	48.55 1.68 -17.01	28.98 1.07 -2.29	35.38 1.11 -4.75	35.13 1.16 -2.11	36.60 0.94 -0.81	42.35 0.93 -4.31	41.59 1.10 0.00	47.81 0.86 -0.01	54.87 1.43 0.00	104.82 2.29 -23.92	62.26 1.45 -9.42	66.88 1.44 -16.21	46.34 1.11 -0.88	37.65 0.73 -1.41
WALDENNY_12_KV_BK2 80841	31.61 1.00 0.00	25.72 0.73 0.00	23.39 0.44 0.00	19.74 0.08 0.00	19.84 0.07 0.00	20.35 0.00 0.00	24.21 -0.23 0.00	30.27 -0.23 0.00	36.39 0.59 0.00	31.11 0.58 0.00	30.60 0.74 0.00	26.24 0.62 0.00	30.20 0.66 0.00	32.68 0.83 0.00	36.04 1.18 0.00	38.16 1.05 0.00	41.70 1.21 0.00	48.59 1.65 0.00	55.13 1.69 0.00	81.07 2.47 0.00	53.05 1.66 0.00	50.56 1.33 0.00	45.81 1.47 0.00	36.81 1.30 0.00
WALDEN___HYDRO 24148	31.44 0.83 0.00	25.83 0.84 0.00	23.78 0.83 0.00	20.41 0.76 0.00	20.52 0.76 0.00	21.06 0.71 0.00	25.09 0.65 0.00	31.49 0.99 0.00	37.00 1.20 0.00	32.79 1.22 -1.04	31.77 1.24 -0.67	26.94 1.02 -0.30	30.71 1.17 0.00	33.15 1.26 -0.04	36.84 1.26 -0.72	42.13 1.17 -3.85	41.67 1.18 0.00	48.15 1.21 0.00	54.95 1.52 0.00	80.92 2.31 0.00	52.93 1.54 0.00	50.85 1.61 0.00	45.69 1.35 0.00	36.55 1.04 0.00
WARRENSBURG____ 23737	31.97 1.36 0.00	26.27 1.28 0.00	24.21 1.26 0.00	20.82 1.17 0.00	20.90 1.13 0.00	21.35 1.00 0.00	25.53 1.10 0.00	31.79 1.29 0.00	36.78 0.98 0.00	30.30 0.64 0.87	30.00 0.70 0.55	25.88 0.51 0.25	30.19 0.66 0.00	32.58 0.76 0.03	35.00 0.73 0.59	34.90 0.91 3.12	41.76 1.27 0.00	48.84 1.89 0.00	56.18 2.74 0.00	82.72 4.12 0.00	54.05 2.66 0.00	51.75 2.52 0.00	46.32 1.98 0.00	37.20 1.69 0.00
WATERSIDE___6 8 9 23538	31.57 0.96 0.00	26.01 1.02 0.00	23.96 1.01 0.00	20.57 0.92 0.00	20.66 0.90 0.00	21.24 0.89 0.00	25.30 0.86 0.00	31.74 1.24 0.00	37.36 1.56 0.00	33.30 1.61 -1.17	32.23 1.63 -0.74	27.32 1.37 -0.33	31.09 1.55 0.00	33.57 1.67 -0.04	37.33 1.67 -0.81	42.94 1.52 -4.31	42.00 1.51 0.00	48.33 1.39 0.00	55.04 1.60 0.00	80.90 2.30 0.00	52.90 1.51 0.00	50.83 1.60 0.00	45.76 1.42 0.00	36.61 1.10 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.54 -0.07 0.00	25.01 0.02 0.00	23.05 0.10 0.00	19.79 0.14 0.00	19.91 0.14 0.00	20.47 0.11 0.00	24.42 -0.02 0.00	30.46 -0.04 0.00	35.48 -0.32 0.00	30.14 -0.39 0.00	29.43 -0.44 0.00	25.24 -0.37 0.00	29.10 -0.44 0.00	31.39 -0.46 0.00	34.29 -0.56 0.00	36.64 -0.47 0.00	40.13 -0.36 0.00	46.71 -0.23 0.00	53.45 0.01 0.00	78.79 0.18 0.00	51.41 0.03 0.00	49.23 -0.01 0.00	44.24 -0.10 0.00	35.45 -0.06 0.00

WDELAWARE___HYD 323627	30.81 0.20 0.00	25.29 0.30 0.00	23.27 0.31 0.00	19.97 0.31 0.00	20.07 0.30 0.00	20.61 0.25 0.00	24.59 0.15 0.00	30.89 0.39 0.00	36.29 0.49 0.00	32.00 0.60 -0.87	31.03 0.61 -0.56	26.34 0.47 -0.25	29.97 0.43 0.00	31.43 -0.45 -0.03	34.83 -0.63 -0.60	39.52 -0.81 -3.22	39.53 -0.96 0.00	45.70 -1.25 0.00	52.37 -1.06 0.00	79.03 0.43 0.00	51.70 0.31 0.00	49.64 0.40 0.00	44.58 0.24 0.00	35.63 0.12 0.00
WEST BABYLON___IC 23714	41.94 1.72 -9.61	28.70 1.57 -2.14	34.27 1.56 -9.75	21.06 1.40 -0.01	23.58 1.38 -2.43	27.04 1.32 -5.36	31.38 1.26 -5.68	41.32 1.76 -9.06	39.00 2.24 -0.95	41.97 2.32 -9.12	50.73 2.13 -18.74	29.92 1.80 -2.50	36.77 1.99 -5.25	36.32 2.14 -2.33	37.66 1.99 -0.81	43.33 1.91 -4.31	42.58 2.09 0.00	49.06 2.11 -0.01	56.16 2.72 0.00	109.50 4.17 -26.73	64.53 2.70 -10.45	69.84 2.69 -17.92	47.54 2.22 -0.98	38.73 1.67 -1.55
WEST CANADA___HYD 24049	30.62 0.00 0.00	25.03 0.05 0.00	23.01 0.06 0.00	19.73 0.08 0.00	19.84 0.07 0.00	20.39 0.03 0.00	24.41 -0.03 0.00	30.46 -0.04 0.00	35.70 -0.10 0.00	30.45 -0.08 0.00	29.78 -0.08 0.00	25.54 -0.08 0.00	29.45 -0.09 0.00	31.75 -0.10 0.00	34.73 -0.13 0.00	36.98 -0.13 0.00	40.35 -0.13 0.00	46.77 -0.17 0.00	53.33 -0.11 0.00	78.46 -0.14 0.00	51.26 -0.13 0.00	49.14 -0.10 0.00	44.26 -0.08 0.00	35.48 -0.03 0.00
WESTERN_NY_WIND 24143	31.98 1.37 0.00	26.02 1.03 0.00	23.68 0.72 0.00	20.01 0.36 0.00	20.13 0.37 0.00	20.67 0.32 0.00	24.64 0.20 0.00	30.75 0.25 0.00	36.83 1.03 0.00	31.45 0.92 0.00	30.94 1.08 0.00	26.50 0.88 0.00	30.42 0.88 0.00	32.87 1.02 0.00	36.24 1.39 0.00	38.42 1.30 0.00	41.92 1.43 0.00	48.89 1.94 0.00	55.57 2.13 0.00	82.06 3.45 0.00	53.95 2.56 0.00	51.53 2.30 0.00	46.64 2.30 0.00	37.39 1.88 0.00
WESTOVER___LESR 323668	31.11 0.50 0.00	25.37 0.38 0.00	23.28 0.32 0.00	19.85 0.19 0.00	20.00 0.22 0.00	20.49 0.14 0.00	24.48 0.04 0.00	30.61 0.11 0.00	36.04 0.23 0.00	30.93 0.22 -0.18	30.31 0.33 -0.12	25.93 0.25 -0.05	29.79 0.25 0.00	32.16 0.30 -0.01	35.32 0.45 -0.01	37.53 0.42 0.00	40.93 0.45 0.00	47.36 0.42 0.00	54.00 0.56 0.00	79.62 1.02 0.00	52.20 0.63 -0.18	50.30 0.60 -0.46	44.79 0.44 0.00	35.86 0.35 0.00
WETHRSFD_WT_PWR 323626	31.33 0.71 0.00	25.48 0.49 0.00	23.23 0.27 0.00	19.62 -0.03 0.00	19.78 0.02 0.00	20.31 -0.04 0.00	24.14 -0.30 0.00	30.18 -0.32 0.00	35.99 0.18 0.00	30.71 0.18 0.00	30.18 0.32 0.00	25.79 0.17 0.00	29.69 0.16 0.00	32.14 0.29 0.00	35.47 0.62 0.00	37.62 0.51 0.00	41.13 0.64 0.00	47.65 0.71 0.00	54.05 0.61 0.00	79.90 1.30 0.00	52.34 0.95 0.00	49.90 0.67 0.00	45.12 0.78 0.00	36.25 0.75 0.00
WHAVSTOR_138KV_BK127 55557	31.44 0.83 0.00	25.85 0.86 0.00	23.80 0.85 0.00	20.42 0.77 0.00	20.53 0.76 0.00	21.06 0.71 0.00	25.08 0.64 0.00	31.45 0.95 0.00	37.01 1.20 0.00	32.92 1.27 -1.12	31.87 1.29 -0.71	27.02 1.08 -0.32	30.78 1.24 0.00	33.23 1.34 -0.04	36.94 1.30 -0.78	42.41 1.17 -4.13	41.65 1.16 0.00	48.07 1.13 0.00	54.79 1.35 0.00	80.61 2.01 0.00	52.74 1.35 0.00	50.71 1.47 0.00	45.60 1.26 0.00	36.49 0.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.44 0.83 0.00	25.85 0.86 0.00	23.80 0.85 0.00	20.42 0.77 0.00	20.53 0.76 0.00	21.06 0.71 0.00	25.08 0.64 0.00	31.45 0.95 0.00	37.01 1.20 0.00	32.92 1.27 -1.12	31.87 1.29 -0.71	27.02 1.08 -0.32	30.78 1.24 0.00	33.23 1.34 -0.04	36.94 1.30 -0.78	42.41 1.17 -4.13	41.65 1.16 0.00	48.07 1.13 0.00	54.79 1.35 0.00	80.61 2.01 0.00	52.74 1.35 0.00	50.71 1.47 0.00	45.60 1.26 0.00	36.49 0.98 0.00
WHITEHAL_115KV_TB1 80871	33.23 2.62 0.00	27.21 2.22 0.00	25.22 2.26 0.00	21.70 2.05 0.00	21.67 1.90 0.00	22.27 1.92 0.00	26.71 2.27 0.00	32.84 2.34 0.00	37.09 1.29 0.00	30.07 0.42 0.87	30.01 0.71 0.55	25.66 0.29 0.25	30.10 0.56 0.00	32.54 0.72 0.03	34.75 0.48 0.59	34.60 0.61 3.12	41.59 1.10 0.00	49.42 2.48 0.00	58.05 4.62 0.00	85.76 7.15 0.00	56.29 4.90 0.00	53.98 4.74 0.00	47.91 3.56 0.00	37.85 2.34 0.00
WHITEPLN_13_KV_LOAD 356215	31.78 1.17 0.00	26.12 1.13 0.00	24.06 1.11 0.00	20.66 1.01 0.00	20.77 1.00 0.00	21.33 0.98 0.00	25.42 0.98 0.00	31.92 1.41 0.00	37.56 1.76 0.00	33.44 1.74 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.23 1.69 0.00	33.73 1.84 -0.04	37.49 1.82 -0.81	43.14 1.72 -4.31	42.28 1.79 0.00	48.79 1.85 0.00	55.65 2.21 0.00	81.76 3.15 0.00	53.45 2.06 0.00	51.33 2.10 0.00	46.12 1.78 0.00	36.88 1.37 0.00
WM_FLOYD_69_KV_BK2 356380	40.99 1.68 -8.70	28.47 1.54 -1.94	33.40 1.62 -8.83	21.12 1.46 -0.01	23.41 1.45 -2.20	26.50 1.29 -4.86	30.62 1.03 -5.15	40.08 1.38 -8.20	38.44 1.77 -0.86	41.04 2.14 -8.37	48.81 1.91 -17.05	29.32 1.41 -2.30	35.78 1.48 -4.76	35.56 1.59 -2.12	37.07 1.40 -0.81	42.82 1.40 -4.31	42.09 1.61 0.00	48.39 1.44 -0.01	55.44 2.01 0.00	105.77 3.18 -23.98	62.86 2.03 -9.44	67.48 2.00 -16.25	46.84 1.61 -0.88	38.06 1.14 -1.41
WOODARD___115KV_TB2 355635	30.58 -0.03 0.00	24.96 -0.03 0.00	22.92 -0.03 0.00	19.58 -0.07 0.00	19.71 -0.06 0.00	20.22 -0.13 0.00	24.11 -0.33 0.00	30.05 -0.45 0.00	35.36 -0.45 0.00	30.17 -0.36 0.00	29.57 -0.29 0.00	25.37 -0.25 0.00	29.25 -0.29 0.00	31.55 -0.30 0.00	34.58 -0.27 0.00	36.79 -0.32 0.00	40.15 -0.34 0.00	46.53 -0.41 0.00	53.02 -0.41 0.00	78.03 -0.57 0.00	51.30 -0.41 -0.32	49.67 -0.41 -0.85	43.94 -0.41 -0.01	35.24 -0.27 0.00
WOODMERE_69_KV_BK1 55827	45.96 1.49 -13.86	29.48 1.40 -3.09	38.37 1.36 -14.06	20.90 1.24 -0.01	24.47 1.20 -3.50	29.25 1.16 -7.73	33.77 1.14 -8.19	45.13 1.58 -13.05	39.17 1.99 -1.37	45.18 2.01 -12.64	58.40 1.85 -26.70	30.72 1.65 -3.46	38.97 1.87 -7.57	37.28 2.09 -3.34	37.67 2.00 -0.81	43.31 1.88 -4.31	42.48 1.99 0.00	48.95 1.99 -0.02	55.87 2.44 0.00	124.20 3.61 -41.98	69.41 2.38 -15.64	77.97 2.45 -26.29	47.88 2.11 -1.43	39.38 1.59 -2.28
YORK___WARBASSE 23770	31.69 1.08 0.00	26.10 1.11 0.00	24.03 1.07 0.00	20.62 0.97 0.00	20.70 0.94 0.00	21.29 0.94 0.00	25.36 0.92 0.00	31.84 1.34 0.00	37.48 1.68 0.00	33.43 1.73 -1.17	32.36 1.76 -0.74	27.43 1.48 -0.33	31.22 1.68 0.00	33.70 1.81 -0.04	37.48 1.81 -0.81	43.06 1.63 -4.31	42.15 1.67 0.00	48.50 1.56 0.00	55.21 1.78 0.00	81.21 2.61 0.00	53.13 1.74 0.00	51.07 1.84 0.00	45.95 1.61 0.00	36.74 1.23 0.00