

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/14/2024

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	31.36	28.84	23.27	22.10	22.22	25.02	25.40	37.80	41.61	57.61	45.83	44.09	59.64	52.52	44.58	41.53	44.85	58.51	63.85	52.89	43.20	41.60	40.75	33.97
24138	1.24	1.11	0.99	0.92	0.91	1.09	1.35	1.89	1.99	2.62	2.00	1.88	2.33	2.25	2.18	2.22	2.28	2.84	3.08	2.20	1.71	1.71	1.50	1.24
	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	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.41	28.89	23.32	22.14	22.27	25.06	25.43	37.86	41.64	57.57	45.81	44.05	59.62	52.52	44.53	41.52	44.85	58.55	63.92	52.99	43.31	41.68	40.80	34.00
24260	1.29	1.16	1.04	0.96	0.95	1.13	1.38	1.95	2.03	2.57	1.99	1.84	2.31	2.25	2.14	2.20	2.28	2.89	3.14	2.31	1.82	1.80	1.55	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.41	28.89	23.32	22.14	22.27	25.06	25.43	37.86	41.64	57.57	45.81	44.05	59.62	52.52	44.53	41.52	44.85	58.55	63.92	52.99	43.31	41.68	40.80	34.00
24261	1.29	1.16	1.04	0.96	0.95	1.13	1.38	1.95	2.03	2.57	1.99	1.84	2.31	2.25	2.14	2.20	2.28	2.89	3.14	2.31	1.82	1.80	1.55	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.25	28.77	23.18	22.01	22.16	24.95	25.19	38.04	42.25	58.66	46.71	44.87	61.08	53.65	45.33	41.88	45.19	59.36	64.68	53.69	43.76	41.92	41.20	34.13
24011	1.14	1.03	0.90	0.84	0.85	1.02	1.15	2.13	2.63	3.66	2.88	2.66	3.78	3.37	2.94	2.57	2.62	3.70	3.90	3.00	2.27	2.04	1.95	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.33	28.84	23.24	22.06	22.20	25.00	25.28	38.31	42.72	59.32	47.24	45.43	61.85	54.29	45.87	42.38	45.66	60.04	65.39	54.25	44.18	42.33	41.64	34.43
23798	1.21	1.11	0.95	0.88	0.89	1.08	1.23	2.40	3.10	4.32	3.42	3.22	4.54	4.01	3.48	3.08	3.09	4.38	4.61	3.56	2.69	2.45	2.39	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.25	28.77	23.18	22.01	22.16	24.95	25.19	38.04	42.25	58.66	46.71	44.87	61.08	53.65	45.33	41.88	45.19	59.36	64.68	53.69	43.76	41.92	41.20	34.13
24028	1.14	1.03	0.90	0.84	0.85	1.02	1.15	2.13	2.63	3.66	2.88	2.66	3.78	3.37	2.94	2.57	2.62	3.70	3.90	3.00	2.27	2.04	1.95	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.54	29.06	23.47	22.29	22.43	25.21	25.32	38.09	41.92	58.11	46.27	44.29	60.46	53.11	44.88	41.55	44.38	58.09	63.39	52.52	42.77	41.22	40.60	33.75
23527	1.42	1.34	1.18	1.12	1.12	1.28	1.28	2.18	2.30	3.11	2.44	2.09	3.15	2.84	2.48	2.25	1.81	2.43	2.61	1.83	1.28	1.33	1.35	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.12	27.73	22.41	21.30	21.43	24.07	24.32	36.39	40.01	55.44	44.19	42.43	57.71	50.66	42.84	39.72	42.90	56.19	61.31	50.95	41.59	39.89	39.17	32.56
24190	0.00	0.00	0.12	0.12	0.12	0.14	0.28	0.48	0.39	0.44	0.36	0.23	0.40	0.39	0.44	0.41	0.33	0.53	0.53	0.26	0.10	0.00	-0.08	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.62	28.19	22.49	21.34	21.46	24.07	24.10	35.98	39.75	55.23	43.97	42.56	57.66	50.44	42.33	39.15	42.50	55.66	60.98	51.01	41.84	40.33	39.76	33.17
355683	0.50	0.47	0.20	0.16	0.15	0.14	0.06	0.06	0.13	0.24	0.15	0.35	0.35	0.17	-0.06	-0.16	-0.06	0.00	0.20	0.32	0.35	0.44	0.51	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	30.82	28.36	22.91	21.79	21.94	24.65	24.87	37.21	40.95	56.73	45.20	43.29	58.97	51.67	43.56	40.32	43.78	57.43	62.75	52.20	42.57	40.87	40.14	33.39
323833	0.70	0.63	0.63	0.62	0.63	0.72	0.82	1.30	1.33	1.74	1.38	1.08	1.66	1.40	1.17	1.01	1.21	1.77	1.97	1.51	1.08	0.98	0.89	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.80	28.36	22.90	21.79	21.94	24.64	24.86	37.20	40.93	56.71	45.18	43.28	58.95	51.65	43.55	40.31	43.76	57.40	62.73	52.18	42.57	40.85	40.13	33.38
323834	0.68	0.63	0.62	0.61	0.63	0.72	0.81	1.29	1.31	1.72	1.36	1.07	1.64	1.38	1.16	1.01	1.19	1.74	1.95	1.50	1.08	0.96	0.87	0.64
	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	30.12	27.73	22.41	21.30	21.43	24.07	24.32	36.39	40.01	55.44	44.19	42.43	57.71	50.66	42.84	39.72	42.90	56.19	61.31	50.95	41.59	39.89	39.17	32.56
23571	0.00	0.00	0.12	0.12	0.12	0.14	0.28	0.48	0.39	0.44	0.36	0.23	0.40	0.39	0.44	0.41	0.33	0.53	0.53	0.26	0.10	0.00	-0.08	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.01 0.39 0.00	55.44 0.44 0.00	44.19 0.36 0.00	42.43 0.23 0.00	57.71 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.53 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
ALBANY___3 23573	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.01 0.39 0.00	55.44 0.44 0.00	44.19 0.36 0.00	42.43 0.23 0.00	57.71 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.53 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
ALBANY___4 23574	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.01 0.39 0.00	55.44 0.44 0.00	44.19 0.36 0.00	42.43 0.23 0.00	57.71 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.53 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
ALBANY___LFGE 323615	30.43 0.32 0.00	28.02 0.30 0.00	22.63 0.34 0.00	21.50 0.33 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.77 0.86 0.00	40.44 0.82 0.00	56.07 1.08 0.00	44.70 0.87 0.00	42.93 0.73 0.00	58.40 1.10 0.00	51.27 1.00 0.00	43.36 0.97 0.00	40.19 0.88 0.00	43.40 0.83 0.00	56.86 1.20 0.00	62.04 1.26 0.00	51.54 0.86 0.00	42.06 0.57 0.00	40.33 0.45 0.00	39.61 0.35 0.00	32.91 0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	30.77 0.65 0.00	28.34 0.61 0.00	22.58 0.30 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.16 0.23 0.00	24.18 0.13 0.00	36.09 0.17 0.00	39.87 0.25 0.00	55.42 0.43 0.00	44.12 0.30 0.00	42.70 0.49 0.00	57.85 0.54 0.00	50.60 0.33 0.00	42.48 0.09 0.00	39.28 -0.03 0.00	42.64 0.07 0.00	55.83 0.17 0.00	61.17 0.39 0.00	51.16 0.47 0.00	41.97 0.48 0.00	40.47 0.58 0.00	39.90 0.65 0.00	33.29 0.55 0.00
ALCOA_RYNLDS___DRP 24188	30.77 0.65 0.00	28.34 0.61 0.00	22.58 0.30 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.16 0.23 0.00	24.18 0.13 0.00	36.09 0.17 0.00	39.87 0.25 0.00	55.42 0.43 0.00	44.12 0.30 0.00	42.70 0.49 0.00	57.85 0.54 0.00	50.60 0.33 0.00	42.48 0.09 0.00	39.28 -0.03 0.00	42.64 0.07 0.00	55.83 0.17 0.00	61.17 0.39 0.00	51.16 0.47 0.00	41.97 0.48 0.00	40.47 0.58 0.00	39.90 0.65 0.00	33.29 0.55 0.00
ALCOA___DSASP 323711	30.77 0.65 0.00	28.34 0.61 0.00	22.59 0.30 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.16 0.23 0.00	24.18 0.13 0.00	36.09 0.18 0.00	39.87 0.25 0.00	55.42 0.43 0.00	44.12 0.30 0.00	42.69 0.49 0.00	57.85 0.54 0.00	50.60 0.33 0.00	42.48 0.09 0.00	39.28 -0.03 0.00	42.64 0.07 0.00	55.83 0.17 0.00	61.17 0.39 0.00	51.16 0.47 0.00	41.97 0.48 0.00	40.47 0.58 0.00	39.90 0.64 0.00	33.28 0.55 0.00
ALLEGHENY___COGEN 23514	30.85 0.73 0.00	28.35 0.62 0.00	22.49 0.21 0.00	21.39 0.21 0.00	21.61 0.30 0.00	24.36 0.44 0.00	24.07 0.03 0.00	39.80 -0.10 -3.99	66.92 0.40 -26.91	99.01 0.48 -43.54	77.05 0.28 -32.95	42.24 0.03 0.00	59.43 0.21 -1.91	49.73 -0.54 0.00	47.01 -0.50 -5.12	40.39 -1.26 -2.34	41.42 -1.15 0.00	53.75 -1.91 0.00	59.72 -1.04 0.02	50.37 -0.31 0.00	41.28 -0.20 0.00	39.61 -0.28 0.00	40.05 0.79 0.00	33.87 1.14 0.00
ALTAMONT_115KV_TB 2 55880	30.50 0.38 0.00	28.08 0.36 0.00	22.67 0.38 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.34 0.41 0.00	24.54 0.49 0.00	36.71 0.80 0.00	40.41 0.79 0.00	56.00 1.01 0.00	44.62 0.80 0.00	42.87 0.66 0.00	58.28 0.97 0.00	51.16 0.89 0.00	43.27 0.88 0.00	40.10 0.79 0.00	43.32 0.76 0.00	56.72 1.06 0.00	61.90 1.12 0.00	51.48 0.79 0.00	42.07 0.58 0.00	40.39 0.50 0.00	39.68 0.43 0.00	33.01 0.28 0.00
ALTONA_WT_PWR 323606	31.19 1.07 0.00	28.74 1.01 0.00	22.93 0.64 0.00	21.82 0.65 0.00	21.83 0.52 0.00	24.17 0.24 0.00	24.42 0.37 0.00	36.35 0.44 0.00	40.11 0.50 0.00	55.32 0.33 0.00	44.23 0.40 0.00	43.02 0.81 0.00	58.39 1.08 0.00	50.64 0.37 0.00	42.52 0.13 0.00	39.31 0.00 0.00	42.95 0.38 0.00	56.81 1.15 0.00	62.96 2.18 0.00	52.59 1.90 0.00	42.76 1.27 0.00	40.82 0.93 0.00	40.22 0.97 0.00	33.17 0.43 0.00
AMERICAN_REF_FUEL 24010	28.84 -1.28 0.00	26.53 -1.20 0.00	20.84 -1.44 0.00	19.83 -1.35 0.00	20.03 -1.29 0.00	22.54 -1.39 0.00	22.09 -1.95 0.00	31.38 -3.60 0.92	29.56 -3.72 6.34	39.82 -4.83 10.34	32.61 -3.37 7.84	39.32 -2.88 0.00	53.27 -3.58 0.46	47.11 -3.17 0.00	38.01 -3.17 1.22	35.29 -3.46 0.56	38.85 -3.72 0.00	49.83 -5.83 0.00	53.96 -6.73 0.09	45.72 -4.96 0.00	37.77 -3.72 0.00	36.61 -3.27 0.00	36.76 -2.49 0.00	31.31 -1.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.77 -0.35 0.00	27.22 -0.51 0.00	21.38 -0.91 0.00	20.39 -0.79 0.00	20.52 -0.79 0.00	22.96 -0.97 0.00	22.30 -1.75 0.00	32.80 -2.63 0.48	33.50 -2.73 3.39	46.42 -3.06 5.52	38.42 -1.24 4.17	41.17 -1.04 0.00	56.28 -0.78 0.24	49.46 -0.81 0.00	40.78 -0.97 0.65	37.48 -1.53 0.30	41.26 -1.31 0.00	53.54 -2.12 0.00	58.28 -2.41 0.09	49.04 -1.65 0.00	40.44 -1.04 0.00	39.17 -0.72 0.00	39.00 -0.25 0.00	32.99 0.26 0.00
ARTHUR KILL_GT_1 23520	31.27 1.16 0.00	28.77 1.04 0.00	23.23 0.94 0.00	22.06 0.88 0.00	22.18 0.87 0.00	24.96 1.03 0.00	25.32 1.27 0.00	36.23 1.62 1.29	39.07 1.55 2.10	54.59 2.02 2.43	36.99 1.41 8.25	35.99 1.34 7.55	38.41 1.59 20.48	38.91 1.67 13.03	36.83 1.62 7.18	37.54 1.78 3.55	38.35 1.79 6.00	55.62 2.33 2.37	60.78 2.60 2.60	52.19 1.94 0.44	41.52 1.46 1.43	41.38 1.49 0.00	40.41 1.16 0.00	33.82 1.09 0.00
ARTHUR_KILL_2 23512	31.20 1.08 0.00	28.71 0.97 0.00	23.18 0.89 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.89 0.97 0.00	25.25 1.20 0.00	36.13 1.51 1.29	38.96 1.44 2.10	54.44 1.88 2.43	36.88 1.30 8.25	35.89 1.24 7.55	38.29 1.47 20.48	38.80 1.55 13.03	36.74 1.53 7.18	37.43 1.67 3.55	38.24 1.67 6.00	55.47 2.18 2.37	60.60 2.42 2.60	52.03 1.78 0.44	41.39 1.34 1.43	41.26 1.37 0.00	40.30 1.05 0.00	33.73 1.00 0.00
ARTHUR_KILL_3 23513	31.08 0.96 0.00	28.60 0.87 0.00	23.08 0.80 0.00	21.91 0.73 0.00	22.05 0.73 0.00	24.80 0.87 0.00	25.17 1.13 0.00	37.45 1.54 0.00	41.14 1.52 0.00	56.79 1.80 0.00	36.80 1.30 8.33	35.78 1.20 7.63	38.25 1.43 20.48	38.73 1.48 13.03	36.71 1.50 7.18	37.38 1.63 3.56	38.24 1.68 6.01	56.69 2.11 1.08	63.12 2.34 0.00	52.27 1.59 0.00	41.30 1.24 1.43	41.15 1.26 0.00	40.29 1.04 0.00	33.62 0.89 0.00

ARTHUR_KILL_COGEN 323718	31.27 1.16 0.00	28.77 1.04 0.00	23.23 0.94 0.00	22.06 0.88 0.00	22.18 0.87 0.00	24.96 1.03 0.00	25.32 1.27 0.00	36.23 1.62 1.29	39.07 1.55 2.10	54.59 2.02 2.43	36.99 1.41 8.25	35.99 1.34 7.55	38.41 1.59 20.48	38.91 1.67 13.03	36.83 1.62 7.18	37.54 1.78 3.55	38.35 1.79 6.00	55.62 2.33 2.37	60.78 2.60 2.60	52.19 1.94 0.44	41.52 1.46 1.43	41.38 1.49 0.00	40.41 1.16 0.00	33.82 1.09 0.00
ASHOKAN____ 23654	31.05 0.93 0.00	28.55 0.82 0.00	23.07 0.79 0.00	21.90 0.72 0.00	22.04 0.73 0.00	24.80 0.87 0.00	25.08 1.04 0.00	37.60 1.69 0.00	41.50 1.89 0.00	57.60 2.61 0.00	45.95 2.13 0.00	43.70 1.49 0.00	59.61 2.31 0.00	52.19 1.91 0.00	43.79 1.40 0.00	40.73 1.42 0.00	44.15 1.58 0.00	58.20 2.54 0.00	63.86 3.08 0.00	53.10 2.42 0.00	43.30 1.81 0.00	41.46 1.57 0.00	40.58 1.33 0.00	33.67 0.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.12 1.01 0.00	28.64 0.91 0.00	23.16 0.87 0.00	21.97 0.80 0.00	22.09 0.78 0.00	24.83 0.90 0.00	25.20 1.16 0.00	37.43 1.52 0.01	41.19 1.57 0.00	56.90 1.92 0.00	45.29 1.47 0.00	43.62 1.42 0.01	58.98 1.68 0.00	52.04 1.77 0.00	44.10 1.71 0.01	41.13 1.82 0.00	44.41 1.84 0.00	58.13 2.46 0.00	63.43 2.65 0.00	52.54 1.86 0.00	42.92 1.43 0.00	41.40 1.51 0.00	40.42 1.18 0.01	33.71 0.98 0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.12 1.01 0.00	28.64 0.91 0.00	23.16 0.87 0.00	21.97 0.80 0.00	22.09 0.78 0.00	24.83 0.90 0.00	25.20 1.16 0.00	37.43 1.52 0.01	41.19 1.57 0.00	56.90 1.92 0.00	45.29 1.47 0.00	43.62 1.42 0.01	58.98 1.68 0.00	52.04 1.77 0.00	44.10 1.71 0.01	41.13 1.82 0.00	44.41 1.84 0.00	58.13 2.46 0.00	63.43 2.65 0.00	52.54 1.86 0.00	42.91 1.43 0.00	41.40 1.51 0.00	40.42 1.18 0.01	33.71 0.98 0.01
ASTORIA_GT2_1 24094	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT2_2 24095	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT2_3 24096	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT2_4 24097	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT3_1 24098	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT3_2 24099	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT3_3 24100	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT3_4 24101	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT4_1 24102	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT4_2 24103	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT4_3 24104	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00

ASTORIA_GT4_4 24105	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.84 0.91 0.00	25.21 1.17 0.00	37.45 1.54 0.01	41.22 1.61 0.00	56.94 1.94 0.00	45.36 1.54 0.00	43.65 1.44 0.00	59.03 1.72 0.00	52.07 1.79 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.45 1.88 0.00	58.14 2.48 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.43 1.54 0.00	40.45 1.20 0.00	33.73 1.00 0.00
ASTORIA_GT_1 23523	31.19 1.07 0.00	28.70 0.97 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.88 0.95 0.00	25.25 1.21 0.00	37.52 1.61 0.01	41.28 1.67 0.00	57.04 2.05 0.00	45.41 1.59 0.00	43.72 1.52 0.01	59.15 1.84 0.00	52.18 1.91 0.00	44.21 1.83 0.01	41.23 1.92 0.00	44.53 1.97 0.00	58.26 2.60 0.00	63.60 2.82 0.00	52.69 2.00 0.00	43.02 1.53 0.00	41.50 1.61 0.00	40.52 1.27 0.01	33.78 1.05 0.01
ASTORIA_GT_10 24110	31.33 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.41 1.79 0.00	57.16 2.16 0.00	45.51 1.69 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.46 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.13 0.00
ASTORIA_GT_11 24225	31.33 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.41 1.79 0.00	57.16 2.16 0.00	45.51 1.69 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.46 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.13 0.00
ASTORIA_GT_12 24226	31.33 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.41 1.79 0.00	57.16 2.16 0.00	45.51 1.69 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.46 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.13 0.00
ASTORIA_GT_13 24227	31.33 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.41 1.79 0.00	57.16 2.16 0.00	45.51 1.69 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.46 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.13 0.00
ASTORIA_GT_5 24106	31.19 1.07 0.00	28.70 0.97 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.88 0.95 0.00	25.25 1.21 0.00	37.52 1.61 0.01	41.29 1.68 0.00	57.05 2.05 0.00	45.45 1.63 0.00	43.74 1.53 0.00	59.15 1.84 0.00	52.18 1.90 0.00	44.22 1.83 0.00	41.24 1.93 0.00	44.54 1.97 0.00	58.26 2.60 0.00	63.60 2.82 0.00	52.69 2.00 0.00	43.02 1.53 0.00	41.51 1.61 0.00	40.53 1.27 0.00	33.79 1.06 0.00
ASTORIA_GT_7 24107	31.19 1.07 0.00	28.70 0.97 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.88 0.95 0.00	25.25 1.21 0.00	37.52 1.61 0.01	41.29 1.68 0.00	57.05 2.05 0.00	45.45 1.63 0.00	43.74 1.53 0.00	59.15 1.84 0.00	52.18 1.90 0.00	44.22 1.83 0.00	41.24 1.93 0.00	44.54 1.97 0.00	58.26 2.60 0.00	63.60 2.82 0.00	52.69 2.00 0.00	43.02 1.53 0.00	41.51 1.61 0.00	40.53 1.27 0.00	33.79 1.06 0.00
ASTORIA_GT_8 24108	31.19 1.07 0.00	28.70 0.97 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.88 0.95 0.00	25.25 1.21 0.00	37.52 1.61 0.01	41.29 1.68 0.00	57.05 2.05 0.00	45.45 1.63 0.00	43.74 1.53 0.00	59.15 1.84 0.00	52.18 1.90 0.00	44.22 1.83 0.00	41.24 1.93 0.00	44.54 1.97 0.00	58.26 2.60 0.00	63.60 2.82 0.00	52.69 2.00 0.00	43.02 1.53 0.00	41.51 1.61 0.00	40.53 1.27 0.00	33.79 1.06 0.00
ASTORIA___2 24149	31.13 1.02 0.00	28.65 0.92 0.00	23.17 0.88 0.00	21.97 0.80 0.00	22.10 0.79 0.00	24.83 0.90 0.00	25.21 1.16 0.00	37.45 1.54 0.01	41.20 1.59 0.00	56.93 1.94 0.00	45.32 1.50 0.00	43.64 1.44 0.01	59.03 1.72 0.00	52.07 1.80 0.00	44.13 1.74 0.01	41.15 1.84 0.00	44.45 1.88 0.00	58.15 2.49 0.00	63.47 2.69 0.00	52.58 1.89 0.00	42.94 1.45 0.00	41.42 1.53 0.00	40.45 1.20 0.01	33.73 1.00 0.01
ASTORIA___3 23516	31.32 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.73 0.00	41.39 1.78 0.00	57.14 2.15 0.00	45.46 1.64 0.00	43.79 1.58 0.00	59.17 1.86 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.45 0.00	63.44 2.66 0.00	52.61 1.92 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.14 0.00
ASTORIA___4 23517	31.33 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.41 1.79 0.00	57.16 2.16 0.00	45.51 1.69 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.46 0.00	63.44 2.66 0.00	52.61 1.92 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.13 0.00
ASTORIA___5 23518	31.32 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.73 0.00	41.39 1.78 0.00	57.14 2.15 0.00	45.46 1.64 0.00	43.79 1.58 0.00	59.17 1.86 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.45 0.00	63.44 2.66 0.00	52.61 1.92 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.14 0.00
AST_ENERGY_2_CC3 323677	31.17 1.05 0.00	28.68 0.95 0.00	23.15 0.87 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.94 0.00	25.23 1.19 0.00	37.54 1.63 0.00	41.27 1.65 0.00	57.02 2.03 0.00	45.35 1.53 0.00	43.62 1.41 0.00	59.05 1.75 0.00	52.02 1.74 0.00	44.13 1.73 0.00	41.14 1.83 -0.01	44.49 1.92 0.00	58.06 2.40 0.00	63.40 2.62 0.00	52.54 1.85 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.47 1.21 0.00	33.75 1.01 0.00
AST_ENERGY_2_CC4 323678	31.17 1.05 0.00	28.68 0.95 0.00	23.15 0.87 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.94 0.00	25.23 1.19 0.00	37.54 1.63 0.00	41.27 1.65 0.00	57.02 2.03 0.00	45.35 1.53 0.00	43.62 1.41 0.00	59.05 1.75 0.00	52.02 1.74 0.00	44.13 1.73 0.00	41.14 1.83 -0.01	44.49 1.92 0.00	58.06 2.40 0.00	63.40 2.62 0.00	52.54 1.85 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.47 1.21 0.00	33.75 1.01 0.00

ATHENS_STG_1 23668	30.50 0.37 0.00	28.07 0.35 0.00	22.69 0.40 0.00	21.57 0.39 0.00	21.70 0.38 0.00	24.33 0.40 0.00	24.51 0.46 0.00	36.62 0.71 0.00	40.30 0.69 0.00	55.81 0.82 0.00	44.43 0.61 0.00	42.72 0.51 0.00	58.01 0.70 0.00	50.97 0.70 0.00	43.15 0.76 0.00	40.04 0.73 0.00	43.28 0.71 0.00	56.59 0.93 0.00	61.72 0.95 0.00	51.33 0.64 0.00	41.95 0.46 0.00	40.32 0.43 0.00	39.61 0.35 0.00	32.97 0.24 0.00
ATHENS_STG_2 23670	30.50 0.37 0.00	28.07 0.35 0.00	22.69 0.40 0.00	21.57 0.39 0.00	21.70 0.38 0.00	24.33 0.40 0.00	24.51 0.46 0.00	36.62 0.71 0.00	40.30 0.69 0.00	55.81 0.82 0.00	44.43 0.61 0.00	42.72 0.51 0.00	58.01 0.70 0.00	50.97 0.70 0.00	43.15 0.76 0.00	40.04 0.73 0.00	43.28 0.71 0.00	56.59 0.93 0.00	61.72 0.95 0.00	51.33 0.64 0.00	41.95 0.46 0.00	40.32 0.43 0.00	39.61 0.35 0.00	32.97 0.24 0.00
ATHENS_STG_3 23677	30.50 0.37 0.00	28.07 0.35 0.00	22.69 0.40 0.00	21.57 0.39 0.00	21.70 0.38 0.00	24.33 0.40 0.00	24.51 0.46 0.00	36.62 0.71 0.00	40.30 0.69 0.00	55.81 0.82 0.00	44.43 0.61 0.00	42.72 0.51 0.00	58.01 0.70 0.00	50.97 0.70 0.00	43.15 0.76 0.00	40.04 0.73 0.00	43.28 0.71 0.00	56.59 0.93 0.00	61.72 0.95 0.00	51.33 0.64 0.00	41.95 0.46 0.00	40.32 0.43 0.00	39.61 0.35 0.00	32.97 0.24 0.00
AUBURN___LFGE 323710	29.94 -0.18 0.00	27.56 -0.17 0.00	22.11 -0.17 0.00	21.03 -0.14 0.00	21.20 -0.12 0.00	23.82 -0.11 0.00	23.88 -0.17 0.00	35.63 -0.28 0.00	39.39 -0.22 0.00	54.82 -0.17 0.00	43.76 -0.07 0.00	42.13 -0.07 0.00	57.22 -0.09 0.00	50.17 -0.11 0.00	42.34 -0.05 0.00	39.24 -0.07 0.00	42.54 -0.03 0.00	55.55 -0.11 0.00	60.60 -0.19 0.00	50.61 -0.08 0.00	41.43 -0.06 0.00	39.82 -0.07 0.00	39.21 -0.04 0.00	32.75 0.02 0.00
BABYLON_RES_REC 323704	31.28 1.17 0.00	28.71 0.99 0.00	23.25 0.96 0.00	22.06 0.88 0.00	22.07 0.76 0.00	24.74 0.82 0.00	25.02 0.97 0.00	37.11 1.20 0.00	41.02 1.40 0.00	56.78 1.79 0.00	45.27 1.44 0.00	43.54 1.33 0.00	58.54 1.24 0.00	51.58 1.30 0.00	39.73 1.17 3.84	40.79 1.49 0.01	44.16 1.59 0.00	57.52 1.85 0.00	62.53 1.76 0.00	51.92 1.23 0.00	42.63 1.14 0.00	41.04 1.16 0.00	40.47 1.21 0.00	33.72 0.99 0.00
BABYLON__69_KV_BK2 356345	31.55 1.43 0.00	28.94 1.21 0.00	23.45 1.17 0.00	22.25 1.07 0.00	22.25 0.94 0.00	25.09 1.16 0.00	25.41 1.36 0.00	37.72 1.81 0.00	41.70 2.08 0.00	57.68 2.69 0.00	46.09 2.27 0.00	44.28 2.08 0.00	59.60 2.29 0.00	52.50 2.22 0.00	40.34 1.89 3.94	41.47 2.18 0.01	45.00 2.43 0.00	58.80 3.14 0.00	63.86 3.08 0.00	53.06 2.37 0.00	43.44 1.95 0.00	41.69 1.81 0.00	40.81 1.56 0.00	34.01 1.28 0.00
BALL_HILL_WT_PWR 323825	29.56 -0.56 0.00	27.14 -0.59 0.00	21.39 -0.90 0.00	20.36 -0.81 0.00	20.53 -0.78 0.00	23.07 -0.86 0.00	22.66 -1.38 0.00	32.88 -2.33 0.70	32.35 -2.40 4.87	44.29 -2.80 7.90	36.29 -1.56 5.98	40.95 -1.26 0.00	55.74 -1.22 0.35	49.13 -1.14 0.00	40.12 -1.35 0.93	37.05 -1.83 0.43	40.76 -1.81 0.00	52.68 -2.99 0.00	57.21 -3.49 0.09	48.20 -2.48 0.00	39.80 -1.69 0.00	38.51 -1.38 0.00	38.42 -0.84 0.00	32.54 -0.19 0.00
BARON_WINDS___WT_PWR 323822	29.61 -0.51 0.00	27.29 -0.44 0.00	21.73 -0.56 0.00	20.67 -0.51 0.00	20.82 -0.50 0.00	23.41 -0.52 0.00	22.99 -1.05 0.00	24.79 -1.87 9.25	-24.65 -1.73 62.54	-48.71 -2.37 101.33	-34.84 -2.05 76.62	40.13 -2.07 0.01	50.26 -2.60 4.45	47.96 -2.31 0.01	28.56 -1.93 11.91	32.12 -1.74 5.44	41.14 -1.43 0.00	53.91 -1.75 0.00	58.65 -2.09 0.04	49.35 -1.34 0.00	40.63 -0.86 0.00	39.00 -0.88 0.00	38.63 -0.62 0.00	32.48 -0.25 0.00
BARRETT_IC_1 23704	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_10 23701	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_11 23702	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_12 23703	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_2 23705	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_3 23706	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_4 23707	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00

BARRETT_IC_5 23708	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_6 23709	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_7 23710	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.12 1.50 0.00	56.94 1.94 0.00	45.38 1.56 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.72 1.51 0.18	41.05 1.74 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_8 23711	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT_IC_9 23700	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT___1 23545	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BARRETT___2 23546	31.14 1.02 0.00	28.60 0.87 0.00	23.13 0.84 0.00	21.94 0.77 0.00	22.00 0.69 0.00	24.79 0.86 0.00	25.12 1.07 0.00	37.26 1.35 0.00	41.10 1.49 0.00	56.93 1.93 0.00	45.36 1.54 0.00	43.68 1.47 0.00	58.72 1.41 0.00	51.71 1.43 0.00	43.71 1.50 0.18	41.06 1.75 0.00	44.48 1.91 0.00	57.93 2.26 0.00	62.92 2.14 0.00	52.23 1.54 0.00	42.74 1.25 0.00	41.18 1.29 0.00	40.36 1.11 0.00	33.62 0.89 0.00
BATAVIA__115KV_TB1 55881	30.05 -0.07 0.00	27.62 -0.11 0.00	21.79 -0.50 0.00	20.73 -0.45 0.00	20.94 -0.37 0.00	23.63 -0.30 0.00	23.35 -0.70 0.00	33.83 -1.29 0.79	33.26 -0.94 5.41	45.06 -1.21 8.72	36.46 -0.79 6.58	41.82 -0.38 0.00	56.60 -0.33 0.38	49.86 -0.41 0.00	40.45 -0.92 1.02	37.64 -1.20 0.47	41.28 -1.28 0.00	53.37 -2.29 0.00	58.15 -2.58 0.05	49.10 -1.58 0.00	40.42 -1.07 0.00	39.00 -0.89 0.00	38.89 -0.36 0.00	32.91 0.17 0.00
BAYONEEC___CTG1 323682	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG10 323750	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG2 323683	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG3 323684	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG4 323685	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG5 323686	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG6 323687	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00

BAYONEEC___CTG7 323688	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG8 323689	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BAYONEEC___CTG9 323749	31.20 1.08 0.00	28.70 0.97 0.00	23.16 0.88 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.89 0.97 0.00	25.26 1.21 0.00	37.56 1.65 0.00	41.28 1.66 0.00	57.02 2.03 0.00	42.54 1.52 2.81	41.80 1.41 1.82	51.48 1.74 7.56	47.14 1.74 4.86	42.79 1.71 1.31	41.13 1.82 -0.01	44.47 1.90 0.00	58.03 2.37 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.94 1.45 0.00	41.34 1.45 0.00	40.48 1.23 0.00	33.76 1.02 0.00
BEACON___LESR 323632	30.56 0.44 0.00	28.15 0.42 0.00	22.72 0.44 0.00	21.57 0.39 0.00	21.73 0.42 0.00	24.43 0.51 0.00	24.70 0.65 0.00	37.07 1.16 0.00	40.70 1.09 0.00	56.45 1.45 0.00	44.91 1.09 0.00	43.13 0.92 0.00	58.73 1.43 0.00	51.44 1.17 0.00	43.48 1.09 0.00	40.37 1.06 0.00	43.46 0.89 0.00	57.25 1.59 0.00	62.52 1.74 0.00	51.88 1.19 0.00	42.37 0.88 0.00	40.57 0.69 0.00	39.80 0.55 0.00	33.07 0.34 0.00
BEAVER RIVER___HYD 24048	30.82 0.70 0.00	28.34 0.61 0.00	22.72 0.44 0.00	21.37 0.19 0.00	21.46 0.14 0.00	24.18 0.25 0.00	24.02 -0.02 0.00	35.59 -0.32 0.00	39.46 -0.16 0.00	55.71 0.72 0.00	44.85 1.02 0.00	43.26 1.05 0.00	58.32 1.01 0.00	50.07 -0.21 0.00	42.07 -0.32 0.00	39.00 -0.30 0.00	42.46 -0.11 0.00	56.01 0.35 0.00	61.36 0.58 0.00	51.37 0.68 0.00	41.88 0.40 0.00	39.91 0.02 0.00	39.57 0.31 0.00	33.11 0.37 0.00
BEEBEE_GT_13 23619	29.95 -0.17 0.00	27.53 -0.20 0.00	21.85 -0.43 0.00	20.78 -0.40 0.00	20.97 -0.34 0.00	23.62 -0.30 0.00	23.48 -0.56 0.00	34.76 -1.01 0.14	37.47 -0.81 1.33	51.89 -0.95 2.16	41.66 -0.54 1.63	41.87 -0.34 0.00	57.00 -0.21 0.09	50.04 -0.23 0.00	41.60 -0.54 0.25	38.42 -0.77 0.12	41.75 -0.82 0.00	54.14 -1.52 0.00	59.00 -1.80 -0.01	49.56 -1.13 0.00	40.71 -0.78 0.00	39.21 -0.68 0.00	38.91 -0.34 0.00	32.76 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.48 1.36 0.00	28.95 1.22 0.00	23.36 1.07 0.00	22.16 0.98 0.00	22.28 0.97 0.00	25.08 1.15 0.00	25.45 1.41 0.00	37.86 1.94 0.00	41.65 2.03 0.00	57.63 2.63 0.00	45.86 2.03 0.00	44.09 1.88 0.00	59.66 2.35 0.00	52.61 2.34 0.00	44.58 2.18 0.00	41.54 2.24 0.00	44.86 2.29 0.00	58.61 2.95 0.00	64.02 3.24 0.00	53.11 2.42 0.00	43.40 1.91 0.00	41.87 1.98 0.00	40.85 1.60 0.00	34.05 1.32 0.00
BETHLEHEM___GRP 23843	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.01 0.39 0.00	55.44 0.44 0.00	44.19 0.36 0.00	42.43 0.23 0.00	57.71 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.53 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
BETHLEHEM___GS1 323560	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.00 0.38 0.00	55.43 0.44 0.00	44.18 0.35 0.00	42.43 0.23 0.00	57.70 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.52 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
BETHLEHEM___GS2 323561	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.00 0.38 0.00	55.43 0.44 0.00	44.18 0.35 0.00	42.43 0.23 0.00	57.70 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.52 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
BETHLEHEM___GS3 323562	30.12 0.00 0.00	27.73 0.00 0.00	22.41 0.12 0.00	21.30 0.12 0.00	21.43 0.12 0.00	24.07 0.14 0.00	24.32 0.28 0.00	36.39 0.48 0.00	40.00 0.38 0.00	55.43 0.44 0.00	44.18 0.35 0.00	42.43 0.23 0.00	57.70 0.40 0.00	50.66 0.39 0.00	42.84 0.44 0.00	39.72 0.41 0.00	42.90 0.33 0.00	56.19 0.53 0.00	61.31 0.52 0.00	50.95 0.26 0.00	41.59 0.10 0.00	39.89 0.00 0.00	39.17 -0.08 0.00	32.56 -0.18 0.00
BETHLEHEM___STEEL 23779	29.56 -0.56 0.00	27.16 -0.57 0.00	21.39 -0.89 0.00	20.34 -0.84 0.00	20.54 -0.77 0.00	23.11 -0.82 0.00	22.78 -1.27 0.00	32.88 -2.28 0.75	32.16 -2.28 5.18	43.85 -2.72 8.42	35.72 -1.73 6.37	40.88 -1.33 0.00	55.62 -1.32 0.37	49.06 -1.21 0.00	39.92 -1.48 0.99	36.84 -2.02 0.45	40.47 -2.09 0.00	52.14 -3.52 0.00	56.55 -4.14 0.09	47.74 -2.95 0.00	39.43 -2.06 0.00	38.14 -1.75 0.00	38.11 -1.14 0.00	32.35 -0.38 0.00
BETHLHEM_115KV_TB1 79974	30.19 0.08 0.00	27.79 0.06 0.00	22.46 0.17 0.00	21.35 0.17 0.00	21.48 0.17 0.00	24.12 0.20 0.00	24.37 0.32 0.00	36.45 0.54 0.00	40.09 0.47 0.00	55.53 0.54 0.00	44.27 0.44 0.00	42.51 0.30 0.00	57.80 0.49 0.00	50.76 0.48 0.00	42.92 0.52 0.00	39.80 0.49 0.00	42.99 0.42 0.00	56.30 0.64 0.00	61.42 0.64 0.00	51.05 0.36 0.00	41.69 0.20 0.00	39.99 0.10 0.00	39.27 0.02 0.00	32.65 -0.08 0.00
BETHPAGE_CC_5 323564	31.22 1.10 0.00	28.67 0.94 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.04 0.73 0.00	24.82 0.90 0.00	25.14 1.09 0.00	37.30 1.39 0.00	41.22 1.60 0.00	57.02 2.03 0.00	45.47 1.64 0.00	43.72 1.52 0.00	58.86 1.55 0.00	51.89 1.62 0.00	40.35 1.47 3.51	40.99 1.69 0.01	44.44 1.86 0.00	57.91 2.25 0.00	62.97 2.19 0.00	52.30 1.62 0.00	42.78 1.29 0.00	41.16 1.28 0.00	40.39 1.13 0.00	33.68 0.95 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.65 -0.47 0.00	27.25 -0.47 0.00	21.47 -0.82 0.00	20.41 -0.77 0.00	20.61 -0.70 0.00	23.21 -0.72 0.00	22.87 -1.17 0.00	33.07 -2.14 0.70	32.65 -2.12 4.85	44.62 -2.48 7.89	36.30 -1.55 5.98	41.05 -1.15 0.00	55.87 -1.09 0.35	49.27 -1.00 0.00	40.16 -1.31 0.93	37.05 -1.83 0.43	40.67 -1.90 0.00	52.41 -3.25 0.00	56.85 -3.84 0.09	47.98 -2.71 0.00	39.61 -1.88 0.00	38.31 -1.58 0.00	38.27 -0.99 0.00	32.46 -0.27 0.00

BINGHAMTON___COGEN 23790	29.96 -0.16 0.00	27.60 -0.13 0.00	22.13 -0.16 0.00	21.05 -0.13 0.00	21.19 -0.12 0.00	23.85 -0.08 0.00	23.90 -0.14 0.00	35.79 -0.25 -0.13	40.64 -0.22 -1.23	56.87 -0.13 -2.01	45.25 -0.08 -1.51	42.11 -0.10 0.00	57.44 0.05 -0.09	50.29 0.01 0.00	42.66 0.03 -0.23	39.44 0.03 -0.11	42.68 0.11 0.00	55.73 0.07 0.00	60.77 0.01 0.02	50.77 0.09 0.00	41.65 0.16 0.00	40.06 0.17 0.00	39.47 0.22 0.00	32.98 0.25 0.00
BIXINCNT_115KV_LOAD 355685	29.76 -0.36 0.00	27.44 -0.29 0.00	21.68 -0.60 0.00	20.64 -0.54 0.00	20.87 -0.44 0.00	23.54 -0.39 0.00	23.03 -1.01 0.00	33.54 -1.96 0.41	34.92 -1.81 2.89	48.44 -1.82 4.73	39.04 -1.19 3.59	41.34 -0.86 0.00	56.40 -0.70 0.21	49.76 -0.51 0.00	41.04 -0.80 0.56	37.80 -1.25 0.26	41.17 -1.40 0.00	53.40 -2.26 0.00	58.19 -2.51 0.08	48.92 -1.77 0.00	40.24 -1.25 0.00	39.01 -0.88 0.00	38.86 -0.39 0.00	32.84 0.10 0.00
BLACK RIVER___HYD 24047	30.90 0.78 0.00	28.36 0.63 0.00	22.74 0.45 0.00	21.38 0.20 0.00	21.42 0.11 0.00	24.19 0.26 0.00	24.06 0.02 0.00	35.81 -0.10 0.00	39.68 0.06 0.00	55.89 0.89 0.00	44.95 1.12 0.00	43.33 1.12 0.00	58.56 1.25 0.00	50.27 -0.01 0.00	42.31 -0.08 0.00	39.35 0.05 0.00	43.00 0.44 0.00	56.59 0.93 0.00	61.86 1.07 0.00	51.86 1.18 0.00	42.21 0.72 0.00	40.17 0.28 0.00	39.77 0.52 0.00	33.20 0.46 0.00
BLACKRVR_115KV_TB2 79977	30.90 0.78 0.00	28.36 0.64 0.00	22.74 0.45 0.00	21.38 0.20 0.00	21.42 0.11 0.00	24.19 0.26 0.00	24.06 0.02 0.00	35.81 -0.10 0.00	39.68 0.06 0.00	55.89 0.90 0.00	44.94 1.12 0.00	43.33 1.12 0.00	58.56 1.25 0.00	50.27 -0.01 0.00	42.31 -0.08 0.00	39.35 0.05 0.00	43.00 0.43 0.00	56.59 0.93 0.00	61.86 1.07 0.00	51.86 1.18 0.00	42.21 0.72 0.00	40.17 0.28 0.00	39.77 0.52 0.00	33.20 0.46 0.00
BLISS_WT_PWR 323608	29.71 -0.40 0.00	27.42 -0.31 0.00	21.66 -0.62 0.00	20.64 -0.54 0.00	20.88 -0.43 0.00	23.54 -0.38 0.00	22.97 -1.08 0.00	33.40 -2.10 0.41	34.86 -1.87 2.89	48.38 -1.88 4.73	39.02 -1.21 3.59	41.24 -0.97 0.00	56.24 -0.86 0.21	49.67 -0.60 0.00	41.00 -0.84 0.56	37.76 -1.29 0.26	41.09 -1.48 0.00	53.33 -2.33 0.00	58.17 -2.53 0.08	48.87 -1.82 0.00	40.17 -1.32 0.00	38.97 -0.92 0.00	38.83 -0.42 0.00	32.79 0.06 0.00
BLUESTONE___WT_PWR 323821	31.36 1.24 0.00	28.81 1.08 0.00	23.17 0.88 0.00	22.05 0.87 0.00	22.22 0.90 0.00	25.03 1.10 0.00	24.91 0.86 0.00	37.09 0.98 -0.19	41.85 0.89 -1.35	57.84 0.67 -2.18	45.72 0.24 -1.65	41.89 -0.31 0.00	56.48 -0.92 -0.10	49.24 -1.03 0.00	41.89 -0.75 -0.26	38.88 -0.54 -0.12	42.18 -0.39 0.00	55.26 -0.40 0.00	60.90 0.14 0.01	51.19 0.51 0.00	42.06 0.57 0.00	41.11 1.23 0.00	40.63 1.37 0.00	34.12 1.39 0.00
BLUE_CIRC_CHEM_DRP 24182	30.59 0.47 0.00	28.17 0.44 0.00	22.75 0.47 0.00	21.64 0.46 0.00	21.78 0.47 0.00	24.45 0.53 0.00	24.66 0.61 0.00	36.90 0.98 0.00	40.59 0.98 0.00	56.24 1.24 0.00	44.82 0.99 0.00	43.00 0.79 0.00	58.53 1.23 0.00	51.33 1.05 0.00	43.33 0.94 0.00	40.11 0.80 0.00	43.45 0.88 0.00	56.92 1.26 0.00	62.15 1.37 0.00	51.70 1.01 0.00	42.20 0.71 0.00	40.51 0.63 0.00	39.81 0.56 0.00	33.13 0.39 0.00
BOC_GAS_DRP 24189	30.38 0.26 0.00	27.97 0.25 0.00	22.59 0.30 0.00	21.47 0.30 0.00	21.60 0.29 0.00	24.24 0.31 0.00	24.44 0.40 0.00	36.55 0.63 0.00	40.21 0.59 0.00	55.71 0.72 0.00	48.79 0.58 -4.39	45.51 0.46 -2.84	69.79 0.68 -11.81	58.50 0.64 -7.59	45.10 0.66 -2.05	39.93 0.60 -0.02	43.13 0.56 0.00	56.43 0.77 0.00	61.57 0.79 0.00	51.21 0.52 0.00	41.84 0.35 0.00	40.19 0.30 0.00	39.49 0.24 0.00	32.87 0.13 0.00
BOONVILLE_115KV_TB1 79983	30.71 0.60 0.00	28.25 0.52 0.00	22.70 0.42 0.00	21.47 0.30 0.00	21.60 0.29 0.00	24.33 0.40 0.00	24.37 0.32 0.00	36.34 0.42 0.00	40.19 0.57 0.00	56.22 1.23 0.00	44.96 1.13 0.00	43.32 1.12 0.00	58.59 1.28 0.00	51.02 0.75 0.00	42.96 0.56 0.00	39.84 0.53 0.00	43.27 0.70 0.00	56.79 1.13 0.00	62.09 1.31 0.00	51.83 1.14 0.00	42.34 0.86 0.00	40.50 0.61 0.00	39.93 0.68 0.00	33.30 0.56 0.00
BORALEX_4TH_BRANCH 23824	31.54 1.42 0.00	29.06 1.34 0.00	23.47 1.18 0.00	22.29 1.12 0.00	22.43 1.12 0.00	25.21 1.28 0.00	25.32 1.28 0.00	38.09 2.18 0.00	41.93 2.31 0.00	58.11 3.12 0.00	46.28 2.46 0.00	44.30 2.09 0.00	60.46 3.15 0.00	53.12 2.84 0.00	44.88 2.48 0.00	41.55 2.25 0.00	44.38 1.81 0.00	58.09 2.43 0.00	63.39 2.61 0.00	52.52 1.83 0.00	42.78 1.29 0.00	41.22 1.33 0.00	40.60 1.35 0.00	33.75 1.01 0.00
BOWLINE___1 23526	30.67 0.55 0.00	28.27 0.54 0.00	22.79 0.51 0.00	21.65 0.48 0.00	21.79 0.48 0.00	24.51 0.59 0.00	24.84 0.79 0.00	37.05 1.14 0.00	40.75 1.13 0.00	56.39 1.40 0.00	44.75 0.93 0.00	42.93 0.72 0.00	58.12 0.82 0.00	51.24 0.97 0.00	43.41 1.02 0.00	40.42 1.12 0.00	43.76 1.20 0.00	57.34 1.67 0.00	62.66 1.88 0.00	51.89 1.20 0.00	42.40 0.91 0.00	40.76 0.87 0.00	39.96 0.70 0.00	33.30 0.56 0.00
BOWLINE___2 23595	30.67 0.55 0.00	28.27 0.54 0.00	22.79 0.51 0.00	21.65 0.48 0.00	21.79 0.48 0.00	24.51 0.59 0.00	24.84 0.79 0.00	37.05 1.14 0.00	40.75 1.13 0.00	56.39 1.40 0.00	44.75 0.93 0.00	42.93 0.72 0.00	58.13 0.83 0.00	51.24 0.97 0.00	43.41 1.02 0.00	40.42 1.12 0.00	43.76 1.20 0.00	57.34 1.67 0.00	62.66 1.88 0.00	51.89 1.20 0.00	42.40 0.91 0.00	40.76 0.87 0.00	39.96 0.70 0.00	33.30 0.56 0.00
BRADY___115KV_TB2 356060	31.12 1.00 0.00	28.66 0.93 0.00	22.84 0.55 0.00	21.65 0.48 0.00	21.78 0.47 0.00	24.41 0.49 0.00	24.66 0.61 0.00	36.40 0.49 0.00	40.62 1.01 0.00	57.99 3.00 0.00	47.28 3.46 0.00	45.94 3.73 0.00	61.56 4.26 0.00	52.35 2.07 0.00	43.86 1.46 0.00	40.12 0.81 0.00	43.20 0.63 0.00	57.42 1.76 0.00	63.40 2.62 0.00	53.13 2.45 0.00	43.32 1.83 0.00	41.51 1.62 0.00	41.18 1.93 0.00	34.68 1.94 0.00
BRANSCOMB___SOLAR 323811	31.15 1.03 0.00	28.67 0.94 0.00	23.11 0.83 0.00	21.96 0.78 0.00	22.11 0.80 0.00	24.86 0.93 0.00	25.08 1.04 0.00	37.70 1.80 0.00	41.69 2.08 0.00	57.84 2.85 0.00	46.07 2.24 0.00	44.21 2.00 0.00	60.18 2.87 0.00	52.84 2.57 0.00	44.66 2.27 0.00	41.29 1.98 0.00	44.61 2.04 0.00	58.51 2.85 0.00	63.77 2.99 0.00	52.97 2.29 0.00	43.21 1.73 0.00	41.44 1.55 0.00	40.72 1.47 0.00	33.81 1.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.44 1.32 0.00	28.84 1.12 0.00	23.36 1.08 0.00	22.18 1.00 0.00	22.17 0.86 0.00	25.03 1.10 0.00	25.36 1.31 0.00	37.62 1.71 0.00	41.57 1.95 0.00	57.43 2.44 0.00	45.98 2.15 0.00	44.19 1.98 0.00	59.45 2.14 0.00	52.37 2.10 0.00	39.94 1.79 4.25	41.38 2.09 0.02	44.89 2.32 0.00	58.66 3.00 0.00	63.69 2.91 0.00	52.91 2.23 0.00	43.31 1.82 0.00	41.55 1.66 0.00	40.61 1.35 0.00	33.85 1.11 0.00

BRISTLHL_115KV_TB1 79998	29.44 -0.67 0.00	27.07 -0.66 0.00	21.75 -0.53 0.00	20.69 -0.49 0.00	20.84 -0.47 0.00	23.41 -0.52 0.00	23.50 -0.55 0.00	35.09 -0.82 0.00	38.75 -0.87 0.00	53.92 -1.07 0.00	43.04 -0.78 0.00	41.46 -0.74 0.00	56.34 -0.97 0.00	49.40 -0.87 0.00	41.66 -0.74 0.00	38.64 -0.67 0.00	41.87 -0.70 0.00	54.66 -1.00 0.00	59.63 -1.15 0.00	49.79 -0.89 0.00	40.76 -0.73 0.00	39.17 -0.72 0.00	38.54 -0.71 0.00	32.18 -0.56 0.00
BROOKHAVEN___DRP 24191	31.19 1.07 0.00	28.61 0.88 0.00	23.21 0.92 0.00	22.05 0.87 0.00	22.05 0.74 0.00	24.95 1.02 0.00	25.31 1.27 0.00	37.52 1.60 0.00	41.46 1.84 0.00	57.39 2.40 0.00	45.86 2.03 0.00	44.09 1.88 0.00	59.25 1.95 0.00	52.16 1.89 0.00	39.63 1.57 4.33	41.13 1.84 0.02	44.70 2.13 0.00	58.43 2.78 0.00	63.20 2.42 0.00	52.50 1.81 0.00	42.98 1.50 0.00	41.22 1.33 0.00	40.30 1.05 0.00	33.56 0.82 0.00
BROOKLYN_NAVY_YARD 23515	31.17 1.05 0.00	28.68 0.95 0.00	23.15 0.86 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.94 0.00	25.24 1.19 0.00	37.52 1.60 0.00	41.22 1.60 0.00	56.93 1.94 0.00	45.27 1.44 0.00	43.56 1.35 0.00	58.98 1.67 0.00	51.96 1.68 0.00	44.09 1.70 0.00	41.10 1.79 -0.01	44.45 1.88 0.00	58.02 2.36 0.00	63.36 2.58 0.00	52.48 1.79 0.00	42.90 1.41 0.00	41.30 1.41 0.00	40.41 1.16 0.00	33.71 0.98 0.00
BROOKLYN___ARMY_DRP 323595	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
BROOKVLE_69_KV_TB1 55790	31.36 1.24 0.00	28.80 1.08 0.00	23.28 1.00 0.00	22.10 0.92 0.00	22.15 0.84 0.00	24.97 1.04 0.00	25.31 1.26 0.00	37.64 1.72 0.00	41.56 1.94 0.00	57.49 2.50 0.00	45.85 2.03 0.00	44.06 1.85 0.00	59.39 2.09 0.00	52.35 2.07 0.00	42.49 1.92 1.82	41.42 2.12 0.00	44.89 2.32 0.00	58.54 2.88 0.00	63.68 2.90 0.00	52.89 2.20 0.00	43.23 1.74 0.00	41.56 1.67 0.00	40.67 1.42 0.00	33.88 1.15 0.00
BROOME_2_LFGE 323671	29.96 -0.16 0.00	27.60 -0.13 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.19 -0.12 0.00	23.85 -0.08 0.00	23.90 -0.14 0.00	35.79 -0.25 -0.13	40.64 -0.21 -1.23	56.87 -0.13 -2.01	45.26 -0.08 -1.51	42.11 -0.10 0.00	57.44 0.05 -0.09	50.29 0.02 0.00	42.66 0.03 -0.23	39.45 0.03 -0.11	42.68 0.11 0.00	55.74 0.08 0.00	60.77 0.01 0.02	50.78 0.09 0.00	41.65 0.16 0.00	40.06 0.17 0.00	39.47 0.22 0.00	32.98 0.25 0.00
BROOME___LFGE 323600	29.96 -0.16 0.00	27.60 -0.13 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.19 -0.12 0.00	23.85 -0.08 0.00	23.90 -0.14 0.00	35.79 -0.25 -0.13	40.64 -0.21 -1.23	56.87 -0.13 -2.01	45.26 -0.08 -1.51	42.11 -0.10 0.00	57.44 0.05 -0.09	50.29 0.02 0.00	42.66 0.03 -0.23	39.45 0.03 -0.11	42.68 0.11 0.00	55.74 0.08 0.00	60.77 0.01 0.02	50.78 0.09 0.00	41.65 0.16 0.00	40.06 0.17 0.00	39.47 0.22 0.00	32.98 0.25 0.00
BROWNFLS_115KV_TB 3_5 80003	30.83 0.71 0.00	28.36 0.63 0.00	22.67 0.39 0.00	21.40 0.22 0.00	21.50 0.19 0.00	24.13 0.20 0.00	23.94 -0.11 0.00	35.21 -0.70 0.00	39.13 -0.49 0.00	55.62 0.62 0.00	45.06 1.24 0.00	43.60 1.39 0.00	58.68 1.38 0.00	50.04 -0.23 0.00	41.99 -0.40 0.00	38.71 -0.60 0.00	41.93 -0.63 0.00	55.43 -0.23 0.00	60.90 0.12 0.00	50.96 0.27 0.00	41.54 0.05 0.00	39.75 -0.14 0.00	39.49 0.24 0.00	33.20 0.46 0.00
BROWNSV1_27_KV_LOAD 356125	31.40 1.28 0.00	28.88 1.15 0.00	23.31 1.02 0.00	22.12 0.94 0.00	22.25 0.94 0.00	25.04 1.11 0.00	25.41 1.36 0.00	37.82 1.91 0.00	41.59 1.98 0.00	57.48 2.48 0.00	45.75 1.92 0.00	43.98 1.78 0.00	59.53 2.23 0.00	52.46 2.18 0.00	44.49 2.10 0.00	41.48 2.16 -0.01	44.82 2.25 0.00	58.50 2.85 0.00	63.89 3.11 0.00	52.95 2.26 0.00	43.30 1.81 0.00	41.66 1.78 0.00	40.80 1.54 0.00	34.01 1.27 0.00
BURROWS___LYONSDAL 23803	30.72 0.60 0.00	28.26 0.53 0.00	22.70 0.41 0.00	21.43 0.25 0.00	21.55 0.24 0.00	24.27 0.35 0.00	24.26 0.21 0.00	36.12 0.20 0.00	39.97 0.35 0.00	56.03 1.03 0.00	44.86 1.03 0.00	43.23 1.02 0.00	58.39 1.08 0.00	50.69 0.42 0.00	42.64 0.25 0.00	39.57 0.26 0.00	43.00 0.43 0.00	56.53 0.87 0.00	61.84 1.06 0.00	51.65 0.97 0.00	42.20 0.71 0.00	40.28 0.39 0.00	39.78 0.53 0.00	33.19 0.46 0.00
CAITHNESS_CC_1 323624	31.14 1.02 0.00	28.58 0.85 0.00	23.18 0.90 0.00	22.02 0.84 0.00	22.02 0.70 0.00	24.90 0.97 0.00	25.25 1.20 0.00	37.40 1.49 0.00	41.32 1.71 0.00	57.23 2.23 0.00	45.69 1.86 0.00	43.96 1.76 0.00	59.08 1.78 0.00	52.02 1.75 0.00	39.52 1.46 4.33	41.05 1.76 0.02	44.58 2.01 0.00	58.27 2.61 0.00	63.06 2.28 0.00	52.38 1.70 0.00	42.90 1.41 0.00	41.13 1.25 0.00	40.24 0.98 0.00	33.51 0.77 0.00
CALPINE BETH_PAGE_GT4 24209	31.27 1.15 0.00	28.71 0.99 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.07 0.76 0.00	24.87 0.94 0.00	25.19 1.14 0.00	37.40 1.50 0.00	41.33 1.71 0.00	57.16 2.17 0.00	45.60 1.77 0.00	43.81 1.60 0.00	58.98 1.67 0.00	51.99 1.72 0.00	40.81 1.56 3.15	41.01 1.72 0.01	44.47 1.90 0.00	57.97 2.31 0.00	63.04 2.26 0.00	52.37 1.69 0.00	42.81 1.33 0.00	41.20 1.32 0.00	40.47 1.22 0.00	33.74 1.01 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.27 1.15 0.00	28.71 0.99 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.07 0.76 0.00	24.87 0.94 0.00	25.19 1.15 0.00	37.41 1.50 0.00	41.32 1.70 0.00	57.15 2.16 0.00	45.57 1.74 0.00	43.81 1.60 0.00	58.97 1.67 0.00	51.99 1.72 0.00	40.81 1.56 3.15	41.01 1.72 0.01	44.47 1.90 0.00	57.97 2.31 0.00	63.04 2.26 0.00	52.37 1.69 0.00	42.81 1.32 0.00	41.20 1.32 0.00	40.47 1.22 0.00	33.74 1.01 0.00
CALPINE_BP_GT1 23823	31.27 1.15 0.00	28.71 0.99 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.07 0.76 0.00	24.87 0.94 0.00	25.19 1.15 0.00	37.41 1.50 0.00	41.32 1.70 0.00	57.15 2.16 0.00	45.57 1.74 0.00	43.81 1.60 0.00	58.97 1.67 0.00	51.99 1.72 0.00	40.81 1.56 3.15	41.01 1.72 0.01	44.47 1.90 0.00	57.97 2.31 0.00	63.04 2.26 0.00	52.37 1.69 0.00	42.81 1.32 0.00	41.20 1.32 0.00	40.47 1.22 0.00	33.74 1.01 0.00
CALSPAN___DRP 24200	29.56 -0.56 0.00	27.16 -0.57 0.00	21.39 -0.89 0.00	20.34 -0.84 0.00	20.54 -0.77 0.00	23.11 -0.82 0.00	22.78 -1.27 0.00	32.88 -2.28 0.75	32.16 -2.28 5.18	43.85 -2.72 8.42	35.72 -1.73 6.37	40.88 -1.33 0.00	55.62 -1.32 0.37	49.06 -1.21 0.00	39.92 -1.48 0.99	36.84 -2.02 0.45	40.47 -2.09 0.00	52.14 -3.52 0.00	56.55 -4.14 0.09	47.74 -2.95 0.00	39.43 -2.06 0.00	38.14 -1.75 0.00	38.11 -1.14 0.00	32.35 -0.38 0.00

CALVERTON___SOLAR 323806	31.21 1.09 0.00	28.64 0.91 0.00	23.23 0.94 0.00	22.07 0.89 0.00	22.07 0.76 0.00	25.01 1.09 0.00	25.39 1.35 0.00	37.65 1.73 0.00	41.59 1.97 0.00	57.61 2.62 0.00	46.00 2.17 0.00	44.25 2.05 0.00	59.47 2.17 0.00	52.33 2.05 0.00	39.73 1.67 4.33	41.22 1.93 0.02	44.82 2.25 0.00	58.60 2.94 0.00	63.32 2.55 0.00	52.59 1.91 0.00	43.06 1.57 0.00	41.28 1.39 0.00	40.35 1.10 0.00	33.59 0.85 0.00
CANDIGU_WT_PWR 323617	29.61 -0.51 0.00	27.29 -0.44 0.00	21.73 -0.56 0.00	20.67 -0.51 0.00	20.82 -0.50 0.00	23.41 -0.52 0.00	22.99 -1.05 0.00	24.79 -1.87 9.25	-24.65 -1.73 62.54	-48.71 -2.37 101.33	-34.84 -2.05 76.62	40.13 -2.07 0.01	50.26 -2.60 4.45	47.96 -2.31 0.01	28.56 -1.93 11.91	32.12 -1.74 5.44	41.14 -1.43 0.00	53.91 -1.75 0.00	58.65 -2.09 0.04	49.35 -1.34 0.00	40.63 -0.86 0.00	39.00 -0.88 0.00	38.63 -0.62 0.00	32.48 -0.25 0.00
CARR STREET_E_SYR 24060	29.66 -0.46 0.00	27.30 -0.43 0.00	21.90 -0.38 0.00	20.84 -0.34 0.00	20.99 -0.32 0.00	23.58 -0.35 0.00	23.67 -0.38 0.00	35.33 -0.59 0.00	39.07 -0.54 0.00	54.34 -0.66 0.00	43.38 -0.45 0.00	41.77 -0.44 0.00	56.77 -0.54 0.00	49.79 -0.48 0.00	41.98 -0.41 0.00	38.92 -0.39 0.00	42.17 -0.40 0.00	55.05 -0.61 0.00	60.06 -0.72 0.00	50.12 -0.57 0.00	41.04 -0.45 0.00	39.44 -0.45 0.00	38.82 -0.43 0.00	32.42 -0.32 0.00
CARTHAGE___PAPER 23857	31.06 0.94 0.00	28.53 0.80 0.00	22.87 0.59 0.00	21.51 0.33 0.00	21.57 0.26 0.00	24.33 0.40 0.00	24.21 0.16 0.00	35.95 0.03 0.00	39.83 0.21 0.00	56.18 1.19 0.00	45.20 1.37 0.00	43.59 1.38 0.00	58.82 1.52 0.00	50.50 0.23 0.00	42.46 0.06 0.00	39.43 0.12 0.00	43.00 0.43 0.00	56.68 1.02 0.00	62.07 1.29 0.00	51.98 1.30 0.00	42.35 0.87 0.00	40.33 0.44 0.00	39.94 0.69 0.00	33.36 0.63 0.00
CASSADAGA_WT_PWR 323784	30.02 -0.10 0.00	27.40 -0.32 0.00	21.52 -0.76 0.00	20.50 -0.68 0.00	20.69 -0.62 0.00	23.19 -0.74 0.00	22.39 -1.65 0.00	33.03 -2.44 0.43	34.16 -2.39 3.07	47.34 -2.65 5.01	39.15 -0.89 3.79	41.57 -0.63 0.00	56.79 -0.30 0.22	49.92 -0.35 0.00	41.26 -0.55 0.59	37.91 -1.13 0.27	41.71 -0.86 0.00	54.24 -1.42 0.00	59.06 -1.64 0.09	49.65 -1.03 0.00	40.91 -0.58 0.00	39.62 -0.27 0.00	39.39 0.14 0.00	33.30 0.57 0.00
CE_DUNWOOD___DRP 24194	31.02 0.90 0.00	28.54 0.82 0.00	23.04 0.76 0.00	21.88 0.70 0.00	22.01 0.70 0.00	24.75 0.83 0.00	25.10 1.05 0.00	37.41 1.50 0.00	41.20 1.58 0.00	56.99 2.00 0.00	45.33 1.51 0.00	43.55 1.34 0.00	58.95 1.65 0.00	51.93 1.66 0.00	44.02 1.63 0.00	41.01 1.70 0.00	44.35 1.78 0.00	57.96 2.30 0.00	63.29 2.51 0.00	52.47 1.78 0.00	42.85 1.36 0.00	41.20 1.32 0.00	40.37 1.12 0.00	33.62 0.89 0.00
CE_MILLWOOD___DRP 24193	30.96 0.84 0.00	28.50 0.77 0.00	23.00 0.72 0.00	21.85 0.67 0.00	21.97 0.66 0.00	24.71 0.78 0.00	25.06 1.01 0.00	37.36 1.45 0.00	41.12 1.50 0.00	56.89 1.90 0.00	45.26 1.43 0.00	43.47 1.27 0.00	58.85 1.55 0.00	51.84 1.57 0.00	43.94 1.54 0.00	40.93 1.62 0.00	44.27 1.70 0.00	57.88 2.22 0.00	63.20 2.42 0.00	52.37 1.69 0.00	42.78 1.29 0.00	41.14 1.25 0.00	40.30 1.05 0.00	33.57 0.83 0.00
CE_NYC2_DRP 24202	31.33 1.21 0.00	28.82 1.09 0.00	23.27 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.31 0.00	37.67 1.76 0.00	41.43 1.81 0.00	57.21 2.22 0.00	45.55 1.72 0.00	43.81 1.61 0.00	59.23 1.93 0.00	52.23 1.96 0.00	44.31 1.91 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.18 2.52 0.00	63.52 2.75 0.00	52.67 1.99 0.00	43.05 1.56 0.00	41.53 1.64 0.00	40.62 1.36 0.00	33.88 1.15 0.00
CE_NYC_DRP 24195	31.24 1.12 0.00	28.74 1.01 0.00	23.20 0.91 0.00	22.02 0.85 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.29 1.25 0.00	37.64 1.73 0.00	41.39 1.77 0.00	57.20 2.21 0.00	45.51 1.69 0.00	43.76 1.55 0.00	59.22 1.92 0.00	52.18 1.91 0.00	44.26 1.86 0.00	41.25 1.94 -0.01	44.60 2.03 0.00	58.22 2.56 0.00	63.55 2.77 0.00	52.67 1.99 0.00	43.05 1.56 0.00	41.43 1.54 0.00	40.57 1.32 0.00	33.81 1.08 0.00
CHAFFEE___LFGE 323603	29.70 -0.42 0.00	27.29 -0.44 0.00	21.49 -0.79 0.00	20.45 -0.73 0.00	20.64 -0.67 0.00	23.24 -0.69 0.00	22.96 -1.09 0.00	33.34 -1.99 0.58	33.65 -1.96 4.01	46.20 -2.26 6.54	37.58 -1.29 4.96	41.22 -0.98 0.00	56.12 -0.89 0.29	49.44 -0.84 0.00	40.45 -1.17 0.77	37.24 -1.71 0.35	40.81 -1.76 0.00	52.62 -3.04 0.00	57.10 -3.60 0.09	48.13 -2.56 0.00	39.74 -1.75 0.00	38.45 -1.44 0.00	38.40 -0.85 0.00	32.57 -0.17 0.00
CHATEAUG_35_KV_LOAD 355732	30.88 0.76 0.00	28.43 0.70 0.00	22.65 0.36 0.00	21.55 0.37 0.00	21.61 0.29 0.00	24.05 0.12 0.00	24.16 0.11 0.00	36.00 0.09 0.00	39.76 0.14 0.00	55.10 0.11 0.00	43.97 0.14 0.00	42.72 0.51 0.00	57.84 0.53 0.00	50.23 -0.04 0.00	42.18 -0.21 0.00	38.96 -0.35 0.00	42.52 -0.05 0.00	56.10 0.44 0.00	61.98 1.20 0.00	51.80 1.12 0.00	42.25 0.76 0.00	40.53 0.65 0.00	39.97 0.72 0.00	33.16 0.43 0.00
CHATEAUG_WT_PWR 323614	31.37 1.25 0.00	28.92 1.19 0.00	23.06 0.77 0.00	21.98 0.81 0.00	21.97 0.66 0.00	24.18 0.25 0.00	24.50 0.45 0.00	36.42 0.51 0.00	40.16 0.54 0.00	55.07 0.08 0.00	44.10 0.28 0.00	43.01 0.80 0.00	58.43 1.13 0.00	50.49 0.21 0.00	42.40 0.01 0.00	39.24 -0.06 0.00	43.09 0.52 0.00	57.24 1.58 0.00	63.69 2.91 0.00	53.15 2.47 0.00	43.06 1.57 0.00	40.92 1.04 0.00	40.33 1.08 0.00	33.15 0.41 0.00
CHAT_HIGH_FALL_HYD 323578	30.88 0.76 0.00	28.43 0.70 0.00	22.65 0.36 0.00	21.55 0.37 0.00	21.61 0.29 0.00	24.05 0.12 0.00	24.16 0.11 0.00	36.00 0.09 0.00	39.76 0.14 0.00	55.10 0.11 0.00	43.97 0.14 0.00	42.72 0.51 0.00	57.84 0.53 0.00	50.23 -0.04 0.00	42.18 -0.21 0.00	38.96 -0.35 0.00	42.52 -0.05 0.00	56.10 0.44 0.00	61.98 1.20 0.00	51.80 1.12 0.00	42.25 0.76 0.00	40.53 0.65 0.00	39.97 0.72 0.00	33.16 0.43 0.00
CHAUTAUQUA___LFGE 323629	29.73 -0.39 0.00	27.26 -0.46 0.00	21.46 -0.82 0.00	20.45 -0.72 0.00	20.61 -0.70 0.00	23.14 -0.79 0.00	22.65 -1.39 0.00	33.09 -2.23 0.59	33.18 -2.34 4.10	45.74 -2.59 6.66	37.58 -1.21 5.04	41.24 -0.97 0.00	56.26 -0.75 0.29	49.50 -0.77 0.00	40.63 -0.98 0.78	37.44 -1.51 0.36	41.19 -1.38 0.00	53.37 -2.30 0.00	58.03 -2.67 0.09	48.85 -1.83 0.00	40.32 -1.17 0.00	39.02 -0.87 0.00	38.88 -0.38 0.00	32.90 0.16 0.00
CHERRYST_13_KV_LD 356241	31.31 1.20 0.00	28.81 1.08 0.00	23.25 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.36 1.31 0.00	37.75 1.83 0.00	41.51 1.90 0.00	57.39 2.40 0.00	45.66 1.83 0.00	43.90 1.70 0.00	59.42 2.12 0.00	52.35 2.08 0.00	44.40 2.01 0.00	41.40 2.08 -0.01	44.74 2.17 0.00	58.40 2.74 0.00	63.75 2.97 0.00	52.83 2.14 0.00	43.18 1.69 0.00	41.54 1.66 0.00	40.68 1.43 0.00	33.91 1.17 0.00

CHESTROR_138KV_BK263 355645	30.66 0.54 0.00	28.24 0.51 0.00	22.77 0.49 0.00	21.63 0.46 0.00	21.77 0.46 0.00	24.48 0.55 0.00	24.78 0.73 0.00	36.97 1.06 0.00	40.69 1.08 0.00	56.34 1.34 0.00	44.76 0.94 0.00	42.91 0.70 0.00	58.14 0.83 0.00	51.26 0.99 0.00	43.42 1.03 0.00	40.41 1.10 0.00	43.73 1.16 0.00	57.26 1.60 0.00	62.59 1.81 0.00	51.89 1.21 0.00	42.39 0.90 0.00	40.76 0.87 0.00	39.96 0.71 0.00	33.28 0.55 0.00
CH_MIDHUDSON___DRP 24192	30.98 0.86 0.00	28.50 0.77 0.00	23.02 0.73 0.00	21.86 0.68 0.00	21.99 0.67 0.00	24.72 0.79 0.00	25.06 1.02 0.00	37.42 1.51 0.00	41.20 1.58 0.00	57.04 2.04 0.00	45.39 1.57 0.00	43.57 1.36 0.00	59.02 1.72 0.00	52.01 1.73 0.00	44.06 1.66 0.00	41.01 1.70 0.00	44.36 1.79 0.00	58.03 2.37 0.00	63.40 2.62 0.00	52.57 1.88 0.00	42.92 1.43 0.00	41.20 1.32 0.00	40.38 1.13 0.00	33.60 0.87 0.00
CH_MISC_IPPS 23765	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.28 2.28 0.00	45.53 1.71 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.95 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.63 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00
CH_RES_BVR_FALLS 23983	30.19 0.07 0.00	27.81 0.08 0.00	22.27 -0.02 0.00	21.07 -0.11 0.00	21.17 -0.14 0.00	23.78 -0.15 0.00	23.80 -0.25 0.00	35.47 -0.45 0.00	39.11 -0.50 0.00	54.44 -0.55 0.00	43.34 -0.49 0.00	41.78 -0.43 0.00	56.49 -0.81 0.00	49.49 -0.78 0.00	41.53 -0.87 0.00	38.45 -0.85 0.00	41.84 -0.73 0.00	54.90 -0.76 0.00	60.22 -0.56 0.00	50.33 -0.36 0.00	41.24 -0.25 0.00	39.63 -0.26 0.00	39.09 -0.16 0.00	32.64 -0.10 0.00
CH_RES_NIAGARA 23895	28.76 -1.36 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.35 -3.60 0.96	29.40 -3.64 6.58	39.48 -4.85 10.67	32.29 -3.47 8.07	39.29 -2.91 0.00	53.31 -3.52 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.88 -3.69 0.00	49.79 -5.87 0.00	53.87 -6.82 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.68 -2.57 0.00	31.26 -1.48 0.00
CH_RES_SYRACUSE 23985	29.80 -0.32 0.00	27.42 -0.31 0.00	22.02 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.61 -0.38 0.00	43.59 -0.23 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.21 0.00	39.11 -0.19 0.00	42.40 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.16 0.00
CLINTON_WT_PWR 323605	31.37 1.25 0.00	28.92 1.19 0.00	23.06 0.77 0.00	21.98 0.81 0.00	21.97 0.66 0.00	24.18 0.25 0.00	24.50 0.45 0.00	36.42 0.51 0.00	40.16 0.54 0.00	55.07 0.08 0.00	44.10 0.28 0.00	43.01 0.80 0.00	58.43 1.13 0.00	50.49 0.21 0.00	42.40 0.01 0.00	39.24 -0.06 0.00	43.09 0.52 0.00	57.24 1.58 0.00	63.69 2.91 0.00	53.15 2.47 0.00	43.06 1.57 0.00	40.92 1.04 0.00	40.33 1.08 0.00	33.15 0.41 0.00
CLINTON___LFGE 323618	31.47 1.35 0.00	29.00 1.27 0.00	23.12 0.84 0.00	22.01 0.84 0.00	22.01 0.70 0.00	24.34 0.42 0.00	24.65 0.60 0.00	36.72 0.80 0.00	40.55 0.93 0.00	55.93 0.93 0.00	44.73 0.91 0.00	43.58 1.37 0.00	59.15 1.84 0.00	51.28 1.00 0.00	43.02 0.63 0.00	39.75 0.45 0.00	43.49 0.92 0.00	57.58 1.92 0.00	63.86 3.08 0.00	53.29 2.60 0.00	43.32 1.83 0.00	41.30 1.42 0.00	40.68 1.43 0.00	33.49 0.75 0.00
COBBLENY_34_KV_TB1 80064	29.70 -0.42 0.00	27.30 -0.43 0.00	21.50 -0.79 0.00	20.45 -0.73 0.00	20.65 -0.66 0.00	23.24 -0.69 0.00	22.95 -1.09 0.00	33.34 -2.00 0.58	33.62 -1.98 4.01	46.17 -2.29 6.54	37.48 -1.38 4.96	41.22 -0.99 0.00	56.12 -0.89 0.29	49.44 -0.84 0.00	40.45 -1.18 0.77	37.24 -1.72 0.35	40.81 -1.76 0.00	52.62 -3.04 0.00	57.09 -3.61 0.09	48.13 -2.55 0.00	39.73 -1.76 0.00	38.45 -1.44 0.00	38.40 -0.85 0.00	32.57 -0.16 0.00
COFFEEN___115KV_TB3 355620	31.09 0.97 0.00	28.53 0.80 0.00	22.86 0.58 0.00	21.51 0.34 0.00	21.57 0.25 0.00	24.36 0.43 0.00	24.27 0.22 0.00	36.14 0.23 0.00	40.07 0.46 0.00	56.41 1.42 0.00	45.38 1.55 0.00	43.75 1.54 0.00	59.13 1.82 0.00	50.76 0.49 0.00	42.75 0.36 0.00	39.72 0.41 0.00	43.43 0.86 0.00	57.13 1.46 0.00	62.48 1.70 0.00	52.39 1.70 0.00	42.64 1.15 0.00	40.56 0.68 0.00	40.11 0.85 0.00	33.45 0.72 0.00
COLDSPRG_115KV_BK1 355956	30.35 0.23 0.00	27.84 0.11 0.00	21.97 -0.31 0.00	20.91 -0.26 0.00	21.10 -0.21 0.00	23.78 -0.15 0.00	23.36 -0.69 0.00	34.67 -1.09 0.15	37.11 -1.06 1.45	51.81 -0.79 2.38	42.02 0.02 1.82	42.47 0.26 0.00	58.12 0.92 0.11	51.01 0.74 0.00	42.36 0.25 0.28	38.89 -0.28 0.13	42.47 -0.10 0.00	55.14 -0.53 0.00	60.04 -0.66 0.08	50.41 -0.28 0.00	41.52 0.03 0.00	40.11 0.22 0.00	39.87 0.62 0.00	33.68 0.94 0.00
COLONIE_LFGE___ 323577	30.88 0.76 0.00	28.43 0.70 0.00	22.94 0.65 0.00	21.79 0.62 0.00	21.94 0.63 0.00	24.64 0.71 0.00	24.84 0.80 0.00	37.25 1.35 0.00	41.05 1.43 0.00	56.91 1.92 0.00	45.35 1.52 0.00	43.53 1.33 0.00	59.25 1.94 0.00	52.03 1.76 0.00	43.97 1.58 0.00	40.71 1.40 0.00	43.90 1.33 0.00	57.53 1.86 0.00	62.74 1.95 0.00	52.09 1.41 0.00	42.51 1.02 0.00	40.81 0.92 0.00	40.12 0.86 0.00	33.35 0.62 0.00
COOPERNY_115KV_TB1 80082	30.45 0.34 0.00	28.06 0.33 0.00	22.61 0.33 0.00	21.48 0.31 0.00	21.62 0.31 0.00	24.30 0.37 0.00	24.54 0.49 0.00	36.62 0.71 0.00	40.33 0.71 0.00	55.87 0.88 0.00	44.42 0.60 0.00	42.64 0.43 0.00	57.84 0.53 0.00	50.90 0.63 0.00	43.07 0.68 0.00	40.03 0.72 0.00	43.34 0.77 0.00	56.72 1.06 0.00	61.97 1.19 0.00	51.48 0.80 0.00	42.10 0.61 0.00	40.48 0.59 0.00	39.73 0.48 0.00	33.10 0.37 0.00
COPENHAGEN_WT_PWR 323753	30.68 0.56 0.00	28.16 0.43 0.00	22.58 0.29 0.00	21.19 0.02 0.00	21.20 -0.11 0.00	23.95 0.02 0.00	23.77 -0.27 0.00	35.40 -0.51 0.00	39.19 -0.42 0.00	55.17 0.18 0.00	44.36 0.54 0.00	42.74 0.53 0.00	57.80 0.50 0.00	49.58 -0.69 0.00	41.76 -0.64 0.00	38.93 -0.38 0.00	42.58 0.01 0.00	56.03 0.37 0.00	61.18 0.39 0.00	51.29 0.60 0.00	41.74 0.25 0.00	39.70 -0.19 0.00	39.38 0.13 0.00	32.88 0.15 0.00
CORNELL_____ 23752	30.47 0.36 0.00	28.05 0.32 0.00	22.50 0.21 0.00	21.39 0.21 0.00	21.56 0.24 0.00	24.27 0.34 0.00	24.36 0.32 0.00	36.90 0.47 -0.51	43.75 0.65 -3.49	61.56 0.99 -5.58	48.92 0.85 -4.24	42.94 0.73 0.00	58.37 0.82 -0.25	50.98 0.70 0.00	43.73 0.68 -0.66	40.35 0.74 -0.30	43.52 0.95 0.00	56.88 1.22 0.00	62.17 1.40 0.01	51.95 1.26 0.00	42.54 1.05 0.00	40.84 0.96 0.00	40.16 0.91 0.00	33.50 0.77 0.00

CORONA V_69_KV_TB1 355595	31.33 1.21 0.00	28.78 1.05 0.00	23.26 0.97 0.00	22.07 0.89 0.00	22.13 0.82 0.00	24.94 1.01 0.00	25.27 1.23 0.00	37.55 1.64 0.00	41.43 1.81 0.00	57.35 2.35 0.00	45.73 1.91 0.00	43.96 1.75 0.00	59.19 1.89 0.00	52.17 1.90 0.00	43.62 1.82 0.60	41.32 2.01 0.00	44.77 2.21 0.00	58.45 2.79 0.00	63.57 2.79 0.00	52.79 2.11 0.00	43.16 1.67 0.00	41.51 1.63 0.00	40.64 1.39 0.00	33.85 1.12 0.00
CORTLAND_115KV_TB3 80093	30.18 0.06 0.00	27.78 0.05 0.00	22.29 0.01 0.00	21.20 0.02 0.00	21.36 0.04 0.00	24.04 0.11 0.00	24.14 0.09 0.00	36.18 0.14 -0.13	40.69 0.26 -0.82	55.48 0.48 0.00	44.70 0.44 -0.43	42.56 0.35 0.00	57.81 0.50 0.00	50.69 0.41 0.00	42.77 0.38 0.00	39.70 0.39 0.00	43.08 0.52 0.00	56.28 0.62 0.00	61.44 0.67 0.01	51.28 0.60 0.00	42.00 0.51 0.00	40.34 0.45 0.00	39.69 0.43 0.00	33.11 0.37 0.00
COXSACKIE__GT 23611	31.72 1.60 0.00	29.17 1.44 0.00	23.54 1.26 0.00	22.36 1.18 0.00	22.52 1.21 0.00	25.36 1.43 0.00	25.67 1.62 0.00	38.58 2.67 0.00	42.67 3.05 0.00	59.22 4.22 0.00	47.25 3.42 0.00	44.73 2.52 0.00	61.43 4.12 0.00	53.51 3.24 0.00	44.69 2.30 0.00	41.52 2.21 0.00	45.20 2.62 0.00	59.85 4.19 0.00	65.77 4.99 0.00	54.64 3.96 0.00	44.43 2.95 0.00	42.46 2.58 0.00	41.55 2.30 0.00	34.45 1.71 0.00
CPV_VALLEY__CC1 323721	30.45 0.33 0.00	28.06 0.33 0.00	22.64 0.35 0.00	21.51 0.33 0.00	21.64 0.33 0.00	24.33 0.40 0.00	24.59 0.55 0.00	36.70 0.79 0.00	40.39 0.77 0.00	55.93 0.93 0.00	44.44 0.62 0.00	42.66 0.45 0.00	57.81 0.51 0.00	50.93 0.66 0.00	43.12 0.73 0.00	40.11 0.80 0.00	43.42 0.85 0.00	56.82 1.16 0.00	62.11 1.33 0.00	51.49 0.81 0.00	42.10 0.61 0.00	40.46 0.57 0.00	39.69 0.43 0.00	33.06 0.32 0.00
CPV_VALLEY__CC2 323722	30.45 0.33 0.00	28.06 0.33 0.00	22.64 0.35 0.00	21.51 0.33 0.00	21.64 0.33 0.00	24.33 0.40 0.00	24.59 0.55 0.00	36.70 0.79 0.00	40.39 0.77 0.00	55.93 0.93 0.00	44.44 0.62 0.00	42.66 0.45 0.00	57.81 0.51 0.00	50.93 0.66 0.00	43.12 0.73 0.00	40.11 0.80 0.00	43.42 0.85 0.00	56.82 1.16 0.00	62.11 1.33 0.00	51.49 0.81 0.00	42.10 0.61 0.00	40.46 0.57 0.00	39.69 0.43 0.00	33.06 0.32 0.00
CRESCENT__HYD 24018	30.88 0.76 0.00	28.43 0.70 0.00	22.94 0.65 0.00	21.79 0.62 0.00	21.94 0.63 0.00	24.64 0.71 0.00	24.84 0.80 0.00	37.25 1.35 0.00	41.05 1.43 0.00	56.91 1.92 0.00	45.35 1.52 0.00	43.53 1.33 0.00	59.25 1.94 0.00	52.03 1.76 0.00	43.97 1.58 0.00	40.71 1.40 0.00	43.90 1.33 0.00	57.53 1.86 0.00	62.74 1.95 0.00	52.09 1.41 0.00	42.51 1.02 0.00	40.81 0.92 0.00	40.12 0.86 0.00	33.35 0.62 0.00
CRICKET__VALLEY_CC1 323756	30.73 0.61 0.00	28.28 0.55 0.00	22.84 0.55 0.00	21.69 0.51 0.00	21.82 0.51 0.00	24.52 0.60 0.00	24.86 0.81 0.00	37.17 1.25 0.00	40.91 1.29 0.00	56.61 1.61 0.00	45.04 1.22 0.00	43.27 1.07 0.00	58.72 1.41 0.00	51.74 1.47 0.00	43.82 1.42 0.00	40.78 1.47 0.00	44.07 1.50 0.00	57.66 2.00 0.00	62.94 2.16 0.00	52.17 1.49 0.00	42.51 1.03 0.00	40.77 0.89 0.00	39.97 0.72 0.00	33.25 0.52 0.00
CRICKET__VALLEY_CC2 323757	30.73 0.61 0.00	28.28 0.55 0.00	22.84 0.55 0.00	21.69 0.51 0.00	21.82 0.51 0.00	24.52 0.60 0.00	24.86 0.81 0.00	37.17 1.25 0.00	40.91 1.29 0.00	56.61 1.61 0.00	45.04 1.22 0.00	43.27 1.07 0.00	58.72 1.41 0.00	51.74 1.47 0.00	43.82 1.42 0.00	40.78 1.47 0.00	44.07 1.50 0.00	57.66 2.00 0.00	62.94 2.16 0.00	52.17 1.49 0.00	42.51 1.03 0.00	40.77 0.89 0.00	39.97 0.72 0.00	33.25 0.52 0.00
CRICKET__VALLEY_CC3 323758	30.73 0.61 0.00	28.28 0.55 0.00	22.84 0.55 0.00	21.69 0.51 0.00	21.82 0.51 0.00	24.52 0.60 0.00	24.86 0.81 0.00	37.17 1.25 0.00	40.91 1.29 0.00	56.61 1.61 0.00	45.04 1.22 0.00	43.27 1.07 0.00	58.72 1.41 0.00	51.74 1.47 0.00	43.82 1.42 0.00	40.78 1.47 0.00	44.07 1.50 0.00	57.66 2.00 0.00	62.94 2.16 0.00	52.17 1.49 0.00	42.51 1.03 0.00	40.77 0.89 0.00	39.97 0.72 0.00	33.25 0.52 0.00
CRUCIBLE_METL_DRP 24180	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00
DAHOWA__HYDRO 323763	31.26 1.14 0.00	28.77 1.04 0.00	23.18 0.90 0.00	22.03 0.85 0.00	22.17 0.86 0.00	24.94 1.02 0.00	25.17 1.13 0.00	37.90 1.99 0.00	41.95 2.34 0.00	58.22 3.22 0.00	46.37 2.54 0.00	44.50 2.29 0.00	60.58 3.28 0.00	53.21 2.93 0.00	44.98 2.58 0.00	41.56 2.25 0.00	44.88 2.31 0.00	58.88 3.22 0.00	64.17 3.39 0.00	53.29 2.61 0.00	43.46 1.96 0.00	41.66 1.77 0.00	40.92 1.67 0.00	33.97 1.23 0.00
DANC__LFGE 323619	30.22 0.10 0.00	27.76 0.03 0.00	22.26 -0.03 0.00	21.00 -0.18 0.00	21.06 -0.25 0.00	23.74 -0.18 0.00	23.67 -0.37 0.00	35.26 -0.65 0.00	39.03 -0.59 0.00	54.72 -0.27 0.00	43.89 0.06 0.00	42.28 0.07 0.00	57.28 -0.02 0.00	49.54 -0.73 0.00	41.73 -0.66 0.00	38.81 -0.49 0.00	42.31 -0.27 0.00	55.48 -0.18 0.00	60.56 -0.23 0.00	50.69 0.01 0.00	41.35 -0.14 0.00	39.54 -0.35 0.00	39.08 -0.17 0.00	32.63 -0.10 0.00
DANSKAMMER__1 23586	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.28 2.28 0.00	45.53 1.71 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.95 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.63 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00
DANSKAMMER__2 23589	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.28 2.28 0.00	45.53 1.71 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.95 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.63 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00
DANSKAMMER__3 23590	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.28 2.28 0.00	45.53 1.71 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.95 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.63 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00

DANSKAMMER___4 23591	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.28 2.28 0.00	45.53 1.71 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.95 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.63 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00
DANSKAMMER___DIESEL 23592	31.09 0.98 0.00	28.61 0.89 0.00	23.09 0.81 0.00	21.93 0.75 0.00	22.06 0.75 0.00	24.82 0.89 0.00	25.16 1.11 0.00	37.56 1.65 0.00	41.36 1.74 0.00	57.29 2.30 0.00	45.56 1.73 0.00	43.69 1.48 0.00	59.16 1.85 0.00	52.17 1.90 0.00	44.19 1.80 0.00	41.14 1.83 0.00	44.52 1.96 0.00	58.27 2.61 0.00	63.70 2.92 0.00	52.82 2.13 0.00	43.12 1.62 0.00	41.40 1.52 0.00	40.56 1.31 0.00	33.75 1.02 0.00
DARBY___SOLAR 323810	31.14 1.02 0.00	28.65 0.92 0.00	23.10 0.82 0.00	21.94 0.76 0.00	22.09 0.78 0.00	24.84 0.92 0.00	25.07 1.02 0.00	37.70 1.79 0.00	41.69 2.08 0.00	57.84 2.84 0.00	46.07 2.25 0.00	44.20 1.99 0.00	60.21 2.90 0.00	52.87 2.59 0.00	44.68 2.29 0.00	41.30 1.99 0.00	44.61 2.05 0.00	58.52 2.86 0.00	63.80 3.02 0.00	52.99 2.31 0.00	43.22 1.73 0.00	41.45 1.56 0.00	40.73 1.48 0.00	33.82 1.08 0.00
DASHVILLE___HYD 23610	30.70 0.58 0.00	28.26 0.53 0.00	22.83 0.55 0.00	21.67 0.50 0.00	21.80 0.48 0.00	24.50 0.57 0.00	24.79 0.74 0.00	36.98 1.07 0.00	40.71 1.10 0.00	56.36 1.36 0.00	44.82 1.00 0.00	43.00 0.79 0.00	58.19 0.89 0.00	51.30 1.02 0.00	43.49 1.10 0.00	40.49 1.18 0.00	43.81 1.24 0.00	57.33 1.66 0.00	62.63 1.85 0.00	51.96 1.28 0.00	42.45 0.97 0.00	40.79 0.91 0.00	39.97 0.72 0.00	33.27 0.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.04 0.92 0.00	28.47 0.74 0.00	23.12 0.84 0.00	22.01 0.84 0.00	22.01 0.70 0.00	25.26 1.34 0.00	25.78 1.74 0.00	38.26 2.35 0.00	42.31 2.69 0.00	58.65 3.66 0.00	46.89 3.06 0.00	45.09 2.88 0.00	60.61 3.31 0.00	53.32 3.04 0.00	40.33 2.27 4.33	41.74 2.44 0.02	45.46 2.88 0.00	59.20 3.54 0.00	63.19 2.41 0.00	52.47 1.79 0.00	42.88 1.39 0.00	41.07 1.18 0.00	40.13 0.88 0.00	33.38 0.64 0.00
DELAWARE___LFGE 323621	30.62 0.50 0.00	28.20 0.47 0.00	22.72 0.43 0.00	21.59 0.41 0.00	21.73 0.41 0.00	24.41 0.48 0.00	24.56 0.52 0.00	36.65 0.74 0.00	40.40 0.78 0.00	56.01 1.01 0.00	44.61 0.78 0.00	42.91 0.70 0.00	58.23 0.93 0.00	51.09 0.81 0.00	43.16 0.77 0.00	40.06 0.75 0.00	43.41 0.84 0.00	56.73 1.07 0.00	61.94 1.17 0.01	51.65 0.97 0.00	42.30 0.82 0.00	40.70 0.81 0.00	40.01 0.76 0.00	33.37 0.63 0.00
DERFIELD_115KV_TB7 355931	30.06 -0.06 0.00	27.68 -0.05 0.00	22.28 0.00 0.00	21.18 0.00 0.00	21.31 0.00 0.00	23.93 0.00 0.00	24.07 0.02 0.00	35.95 0.04 0.00	39.64 0.03 0.00	55.02 0.02 0.00	43.84 0.02 0.00	42.19 -0.01 0.00	57.31 0.00 0.00	50.27 0.00 0.00	42.41 0.02 0.00	39.37 0.07 0.00	42.60 0.03 0.00	55.71 0.04 0.00	60.83 0.04 0.00	50.69 0.00 0.00	41.47 -0.02 0.00	39.85 -0.04 0.00	39.21 -0.04 0.00	32.70 -0.03 0.00
DOGLEVILLE___HYD 23807	29.64 -0.48 0.00	27.31 -0.42 0.00	22.07 -0.22 0.00	21.04 -0.14 0.00	21.15 -0.16 0.00	23.87 -0.06 0.00	24.23 0.18 0.00	36.39 0.48 0.00	40.00 0.39 0.00	55.29 0.30 0.00	43.82 -0.01 0.00	41.98 -0.22 0.00	57.23 -0.07 0.00	50.33 0.06 0.00	42.33 -0.06 0.00	39.30 0.00 0.00	42.47 -0.10 0.00	55.74 0.08 0.00	61.04 0.26 0.00	50.76 0.07 0.00	41.35 -0.14 0.00	39.50 -0.39 0.00	38.65 -0.60 0.00	32.04 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	29.68 -0.44 0.00	27.24 -0.49 0.00	21.45 -0.83 0.00	20.44 -0.74 0.00	20.60 -0.72 0.00	23.14 -0.79 0.00	22.69 -1.36 0.00	33.10 -2.21 0.60	33.07 -2.34 4.20	45.57 -2.60 6.82	37.32 -1.35 5.16	41.19 -1.02 0.00	56.18 -0.83 0.30	49.45 -0.83 0.00	40.56 -1.03 0.80	37.38 -1.56 0.37	41.12 -1.45 0.00	53.23 -2.43 0.00	57.88 -2.82 0.09	48.74 -1.95 0.00	40.22 -1.27 0.00	38.93 -0.96 0.00	38.79 -0.46 0.00	32.83 0.10 0.00
DUNKIRK___1 23563	29.68 -0.44 0.00	27.24 -0.49 0.00	21.45 -0.83 0.00	20.44 -0.74 0.00	20.60 -0.72 0.00	23.14 -0.79 0.00	22.69 -1.36 0.00	33.10 -2.21 0.60	33.07 -2.34 4.20	45.57 -2.60 6.82	37.32 -1.35 5.16	41.19 -1.02 0.00	56.18 -0.83 0.30	49.45 -0.83 0.00	40.56 -1.03 0.80	37.38 -1.56 0.37	41.12 -1.45 0.00	53.23 -2.43 0.00	57.88 -2.82 0.09	48.74 -1.95 0.00	40.22 -1.27 0.00	38.93 -0.96 0.00	38.79 -0.46 0.00	32.83 0.10 0.00
DUNKIRK___2 23564	29.68 -0.44 0.00	27.24 -0.49 0.00	21.45 -0.83 0.00	20.44 -0.74 0.00	20.60 -0.72 0.00	23.14 -0.79 0.00	22.69 -1.36 0.00	33.10 -2.21 0.60	33.07 -2.34 4.20	45.57 -2.60 6.82	37.32 -1.35 5.16	41.19 -1.02 0.00	56.18 -0.83 0.30	49.45 -0.83 0.00	40.56 -1.03 0.80	37.38 -1.56 0.37	41.12 -1.45 0.00	53.23 -2.43 0.00	57.88 -2.82 0.09	48.74 -1.95 0.00	40.22 -1.27 0.00	38.93 -0.96 0.00	38.79 -0.46 0.00	32.83 0.10 0.00
DUNKIRK___3 23565	29.59 -0.52 0.00	27.18 -0.55 0.00	21.43 -0.86 0.00	20.40 -0.77 0.00	20.57 -0.75 0.00	23.12 -0.80 0.00	22.73 -1.32 0.00	33.03 -2.21 0.67	32.62 -2.32 4.67	44.77 -2.64 7.58	36.60 -1.50 5.73	41.06 -1.15 0.00	55.94 -1.03 0.33	49.28 -0.99 0.00	40.31 -1.20 0.89	37.21 -1.69 0.41	40.93 -1.64 0.00	52.95 -2.71 0.00	57.52 -3.18 0.09	48.45 -2.23 0.00	40.00 -1.49 0.00	38.70 -1.19 0.00	38.58 -0.67 0.00	32.67 -0.07 0.00
DUNKIRK___4 23566	29.59 -0.52 0.00	27.18 -0.55 0.00	21.43 -0.86 0.00	20.40 -0.77 0.00	20.57 -0.75 0.00	23.12 -0.80 0.00	22.73 -1.32 0.00	33.03 -2.21 0.67	32.62 -2.32 4.67	44.77 -2.64 7.58	36.60 -1.50 5.73	41.06 -1.15 0.00	55.94 -1.03 0.33	49.28 -0.99 0.00	40.31 -1.20 0.89	37.21 -1.69 0.41	40.93 -1.64 0.00	52.95 -2.71 0.00	57.52 -3.18 0.09	48.45 -2.23 0.00	40.00 -1.49 0.00	38.70 -1.19 0.00	38.58 -0.67 0.00	32.67 -0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.07 0.95 0.00	28.59 0.86 0.00	23.08 0.79 0.00	21.91 0.73 0.00	22.03 0.72 0.00	24.79 0.86 0.00	25.14 1.10 0.00	37.46 1.55 0.00	41.25 1.64 0.00	57.08 2.08 0.00	45.41 1.58 0.00	43.63 1.42 0.00	59.06 1.75 0.00	52.03 1.75 0.00	44.10 1.71 0.00	41.09 1.78 0.00	44.44 1.87 0.00	58.06 2.40 0.00	63.40 2.62 0.00	52.55 1.86 0.00	42.93 1.44 0.00	41.30 1.41 0.00	40.45 1.20 0.00	33.69 0.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.84 0.72 0.00	28.39 0.67 0.00	22.90 0.62 0.00	21.75 0.58 0.00	21.89 0.58 0.00	24.62 0.69 0.00	24.93 0.89 0.00	37.22 1.31 0.00	40.97 1.35 0.00	56.73 1.73 0.00	45.09 1.26 0.00	43.22 1.01 0.00	58.52 1.22 0.00	51.61 1.34 0.00	43.72 1.33 0.00	40.69 1.38 0.00	44.06 1.49 0.00	57.68 2.01 0.00	63.06 2.28 0.00	52.29 1.61 0.00	42.71 1.22 0.00	41.03 1.15 0.00	40.21 0.96 0.00	33.48 0.74 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.27 1.15 0.00	28.77 1.04 0.00	23.23 0.95 0.00	22.04 0.87 0.00	22.17 0.86 0.00	24.93 1.00 0.00	25.29 1.25 0.00	37.59 1.68 0.00	41.31 1.69 0.00	56.98 1.99 0.00	45.37 1.55 0.00	43.64 1.43 0.00	59.04 1.73 0.00	52.09 1.82 0.00	44.13 1.74 0.00	41.16 1.85 0.00	44.44 1.87 0.00	58.07 2.41 0.00	63.37 2.59 0.00	52.57 1.89 0.00	42.95 1.47 0.00	41.40 1.51 0.00	40.46 1.20 0.00	33.77 1.03 0.00
E179THST_13_KV_LOAD 356214	31.38 1.26 0.00	28.86 1.13 0.00	23.31 1.02 0.00	22.11 0.93 0.00	22.24 0.92 0.00	25.01 1.08 0.00	25.38 1.33 0.00	37.73 1.82 0.00	41.47 1.85 0.00	57.22 2.23 0.00	45.57 1.74 0.00	43.82 1.61 0.00	59.29 1.98 0.00	52.33 2.05 0.00	44.33 1.94 0.00	41.33 2.02 0.00	44.63 2.06 0.00	58.33 2.67 0.00	63.66 2.88 0.00	52.81 2.13 0.00	43.15 1.66 0.00	41.58 1.69 0.00	40.61 1.36 0.00	33.91 1.17 0.00
EAST HAMPTON___GT 23717	30.44 0.32 0.00	27.93 0.20 0.00	22.72 0.43 0.00	21.69 0.51 0.00	21.69 0.38 0.00	25.32 1.40 0.00	26.04 1.99 0.00	38.66 2.75 0.00	42.78 3.16 0.00	59.36 4.37 0.00	47.43 3.61 0.00	45.64 3.43 0.00	61.38 4.07 0.00	53.97 3.69 0.00	40.60 2.54 4.33	41.94 2.65 0.02	45.72 3.16 0.00	59.28 3.61 0.00	62.19 1.41 0.00	51.61 0.92 0.00	42.09 0.61 0.00	40.31 0.42 0.00	39.37 0.11 0.00	32.71 -0.03 0.00
EAST RIVER___6 23660	31.33 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.21 0.90 0.00	25.00 1.07 0.00	25.37 1.33 0.00	37.77 1.86 0.00	41.53 1.91 0.00	57.43 2.43 0.00	45.66 1.84 0.00	43.95 1.74 0.00	59.50 2.19 0.00	52.41 2.14 0.00	44.45 2.05 0.00	41.44 2.12 -0.01	44.78 2.21 0.00	58.45 2.79 0.00	63.82 3.04 0.00	52.87 2.19 0.00	43.20 1.72 0.00	41.58 1.69 0.00	40.72 1.47 0.00	33.93 1.19 0.00
EAST RIVER___7 23524	31.33 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.21 0.90 0.00	25.00 1.07 0.00	25.37 1.33 0.00	37.77 1.86 0.00	41.53 1.91 0.00	57.43 2.43 0.00	45.66 1.84 0.00	43.95 1.74 0.00	59.50 2.19 0.00	52.41 2.14 0.00	44.45 2.05 0.00	41.44 2.12 -0.01	44.78 2.21 0.00	58.45 2.79 0.00	63.82 3.04 0.00	52.87 2.19 0.00	43.20 1.72 0.00	41.58 1.69 0.00	40.72 1.47 0.00	33.93 1.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.02 0.90 0.00	28.54 0.82 0.00	23.04 0.76 0.00	21.88 0.70 0.00	22.01 0.70 0.00	24.75 0.83 0.00	25.10 1.05 0.00	37.41 1.50 0.00	41.20 1.58 0.00	56.99 2.00 0.00	45.33 1.51 0.00	43.55 1.34 0.00	58.95 1.65 0.00	51.93 1.66 0.00	44.02 1.63 0.00	41.01 1.70 0.00	44.35 1.78 0.00	57.96 2.30 0.00	63.29 2.51 0.00	52.47 1.78 0.00	42.85 1.36 0.00	41.20 1.32 0.00	40.37 1.12 0.00	33.62 0.89 0.00
EAST_HAMPTON___DIESEL 23722	30.35 0.23 0.00	27.84 0.11 0.00	22.65 0.36 0.00	21.63 0.45 0.00	21.64 0.32 0.00	25.31 1.39 0.00	26.05 2.00 0.00	38.67 2.76 0.00	42.79 3.17 0.00	59.37 4.38 0.00	47.45 3.62 0.00	45.64 3.44 0.00	61.39 4.09 0.00	53.99 3.72 0.00	40.58 2.51 4.33	41.91 2.62 0.02	45.70 3.13 0.00	59.23 3.57 0.00	61.99 1.21 0.00	51.45 0.77 0.00	41.96 0.47 0.00	40.16 0.28 0.00	39.24 -0.02 0.00	32.60 -0.13 0.00
EAST_POINT___SOLAR 323840	32.01 1.89 0.00	29.46 1.73 0.00	23.61 1.32 0.00	22.44 1.27 0.00	22.62 1.31 0.00	25.49 1.56 0.00	25.65 1.61 0.00	38.35 2.44 0.00	42.31 2.69 0.00	58.77 3.77 0.00	46.27 2.44 0.00	44.90 2.70 0.00	60.46 3.16 0.00	53.38 3.11 0.00	44.97 2.58 0.00	41.72 2.41 0.00	45.52 2.96 0.00	59.74 4.07 0.00	65.36 4.58 0.00	54.61 3.93 0.00	44.70 3.21 0.00	42.80 2.91 0.00	42.03 2.78 0.00	35.02 2.28 0.00
EAST_PULASKI___ESR 323781	29.80 -0.32 0.00	27.39 -0.34 0.00	21.97 -0.32 0.00	20.84 -0.34 0.00	20.96 -0.35 0.00	23.57 -0.35 0.00	23.61 -0.44 0.00	35.19 -0.72 0.00	38.92 -0.70 0.00	54.36 -0.63 0.00	43.48 -0.34 0.00	41.86 -0.35 0.00	56.82 -0.49 0.00	49.56 -0.72 0.00	41.76 -0.63 0.00	38.77 -0.54 0.00	42.10 -0.47 0.00	55.03 -0.63 0.00	60.07 -0.71 0.00	50.21 -0.48 0.00	41.04 -0.45 0.00	39.42 -0.47 0.00	38.83 -0.42 0.00	32.41 -0.32 0.00
EAST_RIVER___1 323558	31.24 1.12 0.00	28.74 1.01 0.00	23.20 0.91 0.00	22.02 0.84 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.29 1.25 0.00	37.63 1.72 0.00	41.38 1.77 0.00	57.20 2.21 0.00	45.49 1.66 0.00	43.76 1.55 0.00	59.22 1.92 0.00	52.18 1.91 0.00	44.25 1.86 0.00	41.25 1.94 -0.01	44.60 2.03 0.00	58.22 2.56 0.00	63.55 2.77 0.00	52.67 1.99 0.00	43.05 1.56 0.00	41.44 1.55 0.00	40.57 1.32 0.00	33.82 1.08 0.00
EAST_RIVER___2 323559	31.33 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.21 0.90 0.00	25.00 1.07 0.00	25.37 1.33 0.00	37.77 1.86 0.00	41.53 1.91 0.00	57.43 2.43 0.00	45.66 1.84 0.00	43.95 1.74 0.00	59.50 2.19 0.00	52.41 2.14 0.00	44.45 2.05 0.00	41.44 2.12 -0.01	44.78 2.21 0.00	58.45 2.79 0.00	63.82 3.04 0.00	52.87 2.19 0.00	43.20 1.72 0.00	41.58 1.69 0.00	40.72 1.47 0.00	33.93 1.19 0.00
EAST___DELAWARE_HYD 23607	31.14 1.02 0.00	28.67 0.94 0.00	23.13 0.84 0.00	21.94 0.76 0.00	22.08 0.77 0.00	24.84 0.92 0.00	25.14 1.10 0.00	37.55 1.63 0.00	41.36 1.75 0.00	57.44 2.45 0.00	45.86 2.04 0.00	43.53 1.32 0.00	59.03 1.72 0.00	52.06 1.78 0.00	44.06 1.66 0.00	40.96 1.66 0.00	44.38 1.81 0.00	58.29 2.62 0.00	63.79 3.01 0.00	52.95 2.27 0.00	43.27 1.78 0.00	41.56 1.67 0.00	40.70 1.45 0.00	33.87 1.14 0.00
EIGHT_POINT___WT_PWR 323820	29.98 -0.13 0.00	27.61 -0.12 0.00	21.94 -0.34 0.00	20.86 -0.32 0.00	21.03 -0.28 0.00	23.57 -0.36 0.00	22.71 -1.34 0.00	37.46 -2.44 -3.99	64.47 -2.09 -26.94	95.13 -3.39 -43.53	73.84 -2.93 -32.95	39.35 -2.87 0.00	55.52 -3.70 -1.91	47.11 -3.16 0.00	45.04 -2.47 -5.11	39.41 -2.24 -2.34	40.79 -1.78 0.00	53.63 -2.03 0.00	58.63 -2.11 0.04	49.29 -1.40 0.00	40.41 -1.08 0.00	38.71 -1.18 0.00	38.61 -0.65 0.00	32.37 -0.37 0.00
ELBRIDGE_115KV_TB2 80188	29.64 -0.48 0.00	27.28 -0.45 0.00	21.90 -0.39 0.00	20.84 -0.34 0.00	20.99 -0.32 0.00	23.57 -0.35 0.00	23.65 -0.40 0.00	35.30 -0.61 0.00	39.02 -0.60 0.00	54.26 -0.73 0.00	43.30 -0.52 0.00	41.69 -0.52 0.00	56.65 -0.65 0.00	49.69 -0.58 0.00	41.91 -0.48 0.00	38.85 -0.45 0.00	42.10 -0.47 0.00	54.97 -0.69 0.00	59.97 -0.82 0.00	50.06 -0.63 0.00	41.00 -0.49 0.00	39.40 -0.48 0.00	38.80 -0.46 0.00	32.40 -0.33 0.00
ELEC_TRO_TEK 24086	31.18 1.06 0.00	28.65 0.92 0.00	23.16 0.87 0.00	21.98 0.81 0.00	22.04 0.73 0.00	24.83 0.91 0.00	25.17 1.13 0.00	37.41 1.50 0.00	41.28 1.66 0.00	57.10 2.11 0.00	45.54 1.71 0.00	43.77 1.56 0.00	58.97 1.67 0.00	51.98 1.70 0.00	42.95 1.63 1.07	41.14 1.83 0.00	44.56 1.99 0.00	58.14 2.47 0.00	63.26 2.49 0.00	52.53 1.85 0.00	42.94 1.45 0.00	41.29 1.40 0.00	40.43 1.18 0.00	33.69 0.95 0.00

ELLENBURG_WT_PWR 323604	31.37 1.25 0.00	28.92 1.19 0.00	23.06 0.77 0.00	21.98 0.81 0.00	21.97 0.66 0.00	24.18 0.25 0.00	24.50 0.45 0.00	36.42 0.51 0.00	40.16 0.54 0.00	55.07 0.08 0.00	44.10 0.28 0.00	43.01 0.80 0.00	58.43 1.13 0.00	50.49 0.21 0.00	42.40 0.01 0.00	39.24 -0.06 0.00	43.09 0.52 0.00	57.24 1.58 0.00	63.69 2.91 0.00	53.15 2.47 0.00	43.06 1.57 0.00	40.92 1.04 0.00	40.33 1.08 0.00	33.15 0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.38 -0.74 0.00	27.00 -0.72 0.00	21.25 -1.03 0.00	20.20 -0.97 0.00	20.41 -0.91 0.00	22.96 -0.97 0.00	22.60 -1.44 0.00	32.49 -2.58 0.84	31.28 -2.57 5.77	42.42 -3.20 9.37	34.62 -2.12 7.09	40.50 -1.70 0.00	55.05 -1.85 0.41	48.61 -1.67 0.00	39.41 -1.89 1.10	36.46 -2.34 0.50	40.12 -2.45 0.00	51.62 -4.04 0.00	55.95 -4.74 0.10	47.26 -3.43 0.00	39.04 -2.45 0.00	37.77 -2.12 0.00	37.78 -1.47 0.00	32.09 -0.64 0.00
EMPIRE_CC_1 323656	30.72 0.60 0.00	28.31 0.58 0.00	22.86 0.58 0.00	21.73 0.56 0.00	21.86 0.55 0.00	24.55 0.63 0.00	24.78 0.73 0.00	37.12 1.21 0.00	40.79 1.17 0.00	56.54 1.54 0.00	45.03 1.21 0.00	43.26 1.05 0.00	58.82 1.52 0.00	51.69 1.41 0.00	43.71 1.31 0.00	40.54 1.23 0.00	43.70 1.13 0.00	57.26 1.60 0.00	62.46 1.67 0.00	51.87 1.18 0.00	42.33 0.84 0.00	40.61 0.72 0.00	39.91 0.66 0.00	33.18 0.44 0.00
EMPIRE_CC_2 323658	30.72 0.60 0.00	28.31 0.58 0.00	22.86 0.58 0.00	21.73 0.56 0.00	21.86 0.55 0.00	24.55 0.63 0.00	24.78 0.73 0.00	37.12 1.21 0.00	40.79 1.17 0.00	56.54 1.54 0.00	45.03 1.21 0.00	43.26 1.05 0.00	58.82 1.52 0.00	51.69 1.41 0.00	43.71 1.31 0.00	40.54 1.23 0.00	43.70 1.13 0.00	57.26 1.60 0.00	62.46 1.67 0.00	51.87 1.18 0.00	42.33 0.84 0.00	40.61 0.72 0.00	39.91 0.66 0.00	33.18 0.44 0.00
ENORWICH_115KV_TB1 80156	31.91 1.79 0.00	29.36 1.63 0.00	23.57 1.28 0.00	22.43 1.25 0.00	22.63 1.32 0.00	25.55 1.62 0.00	25.65 1.60 0.00	38.51 2.33 -0.27	44.18 2.69 -1.87	61.46 3.46 -3.00	48.71 2.61 -2.28	44.40 2.19 0.00	59.42 1.98 -0.13	51.88 1.60 0.00	44.37 1.62 -0.35	41.07 1.60 -0.16	44.65 2.08 0.00	58.64 2.98 0.00	64.56 3.79 0.01	54.22 3.53 0.00	44.41 2.92 0.00	42.77 2.88 0.00	42.01 2.76 0.00	35.06 2.33 0.00
ERIE_ST__34_KV_TB1-2 80199	29.84 -0.28 0.00	27.42 -0.31 0.00	21.61 -0.68 0.00	20.55 -0.63 0.00	20.75 -0.57 0.00	23.38 -0.55 0.00	23.08 -0.96 0.00	33.41 -1.79 0.71	32.90 -1.79 4.93	44.96 -2.01 8.03	36.57 -1.18 6.08	41.42 -0.78 0.00	56.38 -0.57 0.35	49.68 -0.59 0.00	40.49 -0.96 0.95	37.40 -1.48 0.43	41.07 -1.50 0.00	52.91 -2.75 0.00	57.46 -3.23 0.09	48.45 -2.24 0.00	39.99 -1.50 0.00	38.64 -1.25 0.00	38.58 -0.67 0.00	32.69 -0.04 0.00
ERIE_WT_PWR 323693	29.56 -0.55 0.00	27.16 -0.56 0.00	21.39 -0.89 0.00	20.33 -0.85 0.00	20.54 -0.78 0.00	23.09 -0.84 0.00	22.78 -1.27 0.00	32.87 -2.29 0.75	32.20 -2.24 5.18	43.90 -2.67 8.42	35.86 -1.60 6.37	40.90 -1.31 0.00	55.61 -1.32 0.37	49.06 -1.21 0.00	39.94 -1.47 0.99	36.84 -2.01 0.45	40.49 -2.08 0.00	52.15 -3.52 0.00	56.56 -4.13 0.09	47.74 -2.95 0.00	39.44 -2.05 0.00	38.13 -1.75 0.00	38.12 -1.13 0.00	32.36 -0.37 0.00
ESPRGFLD_115KV_TB1 80157	31.45 1.33 0.00	28.97 1.24 0.00	23.22 0.93 0.00	22.08 0.90 0.00	22.23 0.91 0.00	25.01 1.09 0.00	25.10 1.06 0.00	37.37 1.46 0.00	41.22 1.60 0.00	57.34 2.35 0.00	45.70 1.87 0.00	44.16 1.95 0.00	59.77 2.47 0.00	52.26 1.98 0.00	43.96 1.57 0.00	40.84 1.53 0.00	44.40 1.83 0.00	58.05 2.39 0.00	63.49 2.72 0.00	53.15 2.47 0.00	43.64 2.15 0.00	41.92 2.04 0.00	41.25 2.00 0.00	34.49 1.76 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.43 0.31 0.00	28.01 0.28 0.00	22.47 0.18 0.00	21.36 0.18 0.00	21.53 0.21 0.00	24.23 0.30 0.00	24.33 0.29 0.00	36.78 0.42 -0.45	43.21 0.57 -3.02	60.71 0.88 -4.84	48.26 0.76 -3.68	42.85 0.64 0.00	58.24 0.72 -0.21	50.89 0.62 0.00	43.57 0.60 -0.57	40.22 0.65 -0.26	43.43 0.86 0.00	56.76 1.10 0.00	62.02 1.26 0.01	51.83 1.15 0.00	42.44 0.95 0.00	40.76 0.87 0.00	40.08 0.83 0.00	33.44 0.71 0.00
ETNA____115KV_TB2 80207	30.43 0.31 0.00	28.01 0.28 0.00	22.47 0.18 0.00	21.36 0.18 0.00	21.53 0.21 0.00	24.23 0.30 0.00	24.33 0.29 0.00	36.78 0.42 -0.45	43.21 0.57 -3.02	60.71 0.88 -4.84	48.26 0.76 -3.68	42.85 0.64 0.00	58.24 0.72 -0.21	50.89 0.62 0.00	43.57 0.60 -0.57	40.22 0.65 -0.26	43.43 0.86 0.00	56.76 1.10 0.00	62.02 1.26 0.01	51.83 1.15 0.00	42.44 0.95 0.00	40.76 0.87 0.00	40.08 0.83 0.00	33.44 0.71 0.00
EUCLID____115KV_TB2 356179	29.54 -0.58 0.00	27.19 -0.54 0.00	21.82 -0.46 0.00	20.76 -0.42 0.00	20.91 -0.40 0.00	23.48 -0.44 0.00	23.56 -0.49 0.00	35.17 -0.75 0.00	38.88 -0.74 0.00	54.05 -0.95 0.00	43.15 -0.68 0.00	41.55 -0.66 0.00	56.46 -0.84 0.00	49.53 -0.74 0.00	41.75 -0.65 0.00	38.71 -0.60 0.00	41.94 -0.63 0.00	54.74 -0.92 0.00	59.71 -1.07 0.00	49.85 -0.84 0.00	40.81 -0.68 0.00	39.23 -0.66 0.00	38.63 -0.62 0.00	32.26 -0.47 0.00
E_CANADA_CAP_HY 24051	31.79 1.68 0.00	29.28 1.56 0.00	23.44 1.16 0.00	22.29 1.12 0.00	22.45 1.14 0.00	25.26 1.34 0.00	25.35 1.30 0.00	37.78 1.87 0.00	41.67 2.05 0.00	58.02 3.03 0.00	46.15 2.32 0.00	44.61 2.40 0.00	60.45 3.14 0.00	52.95 2.67 0.00	44.44 2.05 0.00	41.25 1.94 0.00	44.86 2.29 0.00	58.70 3.04 0.00	64.19 3.41 0.00	53.71 3.03 0.00	44.07 2.58 0.00	42.28 2.40 0.00	41.60 2.35 0.00	34.77 2.03 0.00
E_CANADA_MHWK_HY 24050	29.64 -0.48 0.00	27.31 -0.42 0.00	22.07 -0.22 0.00	21.04 -0.14 0.00	21.15 -0.16 0.00	23.87 -0.06 0.00	24.23 0.18 0.00	36.39 0.48 0.00	40.00 0.39 0.00	55.29 0.30 0.00	43.82 -0.01 0.00	41.98 -0.22 0.00	57.23 -0.07 0.00	50.33 0.06 0.00	42.33 -0.06 0.00	39.30 0.00 0.00	42.47 -0.10 0.00	55.74 0.08 0.00	61.04 0.26 0.00	50.76 0.07 0.00	41.35 -0.14 0.00	39.50 -0.39 0.00	38.65 -0.60 0.00	32.04 -0.70 0.00
E_FISHKILL____LBMP 23776	30.85 0.73 0.00	28.39 0.67 0.00	22.93 0.64 0.00	21.77 0.60 0.00	21.90 0.59 0.00	24.62 0.69 0.00	24.95 0.91 0.00	37.23 1.32 0.00	40.99 1.37 0.00	56.71 1.72 0.00	45.13 1.31 0.00	43.35 1.14 0.00	58.73 1.42 0.00	51.73 1.46 0.00	43.83 1.43 0.00	40.80 1.49 0.00	44.10 1.54 0.00	57.68 2.02 0.00	62.97 2.19 0.00	52.21 1.53 0.00	42.64 1.15 0.00	40.97 1.08 0.00	40.16 0.91 0.00	33.44 0.70 0.00
FALCON____SEABRD_CC1 323796	31.46 1.34 0.00	29.02 1.29 0.00	23.16 0.87 0.00	22.04 0.87 0.00	22.00 0.69 0.00	24.25 0.32 0.00	24.62 0.58 0.00	36.64 0.72 0.00	40.43 0.81 0.00	55.66 0.67 0.00	44.53 0.71 0.00	43.42 1.21 0.00	58.96 1.65 0.00	51.08 0.80 0.00	42.87 0.48 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.18 2.49 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.57 1.32 0.00	33.32 0.58 0.00

FALCON___SEABRD_CC2 323797	31.46 1.34 0.00	29.02 1.29 0.00	23.16 0.87 0.00	22.04 0.87 0.00	22.00 0.69 0.00	24.25 0.32 0.00	24.62 0.58 0.00	36.64 0.72 0.00	40.43 0.81 0.00	55.66 0.67 0.00	44.53 0.71 0.00	43.42 1.21 0.00	58.96 1.65 0.00	51.08 0.80 0.00	42.87 0.48 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.18 2.49 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.57 1.32 0.00	33.32 0.58 0.00
FAR ROCKAWAY___4 23548	31.54 1.42 0.00	28.97 1.24 0.00	23.40 1.12 0.00	22.20 1.02 0.00	22.26 0.95 0.00	25.09 1.16 0.00	25.44 1.39 0.00	37.80 1.89 0.00	41.72 2.11 0.00	57.75 2.76 0.00	46.06 2.23 0.00	44.27 2.07 0.00	59.60 2.29 0.00	52.53 2.25 0.00	43.96 2.12 0.56	41.63 2.32 0.00	45.11 2.54 0.00	58.90 3.24 0.00	64.08 3.30 0.00	53.22 2.53 0.00	43.49 2.01 0.00	41.83 1.94 0.00	40.93 1.68 0.00	34.07 1.34 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.24 1.12 0.00	28.74 1.02 0.00	23.20 0.91 0.00	22.03 0.85 0.00	22.15 0.84 0.00	24.93 1.00 0.00	25.29 1.25 0.00	37.64 1.73 0.00	41.39 1.77 0.00	57.19 2.20 0.00	45.51 1.68 0.00	43.74 1.54 0.00	59.21 1.91 0.00	52.16 1.89 0.00	44.23 1.84 0.00	41.24 1.93 -0.01	44.57 2.00 0.00	58.18 2.52 0.00	63.54 2.77 0.00	52.65 1.97 0.00	43.04 1.55 0.00	41.43 1.54 0.00	40.56 1.32 0.00	33.81 1.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.25 1.13 0.00	28.74 1.02 0.00	23.20 0.92 0.00	22.03 0.85 0.00	22.16 0.85 0.00	24.93 1.00 0.00	25.29 1.25 0.00	37.64 1.73 0.00	41.39 1.77 0.00	57.19 2.19 0.00	45.51 1.68 0.00	43.74 1.54 0.00	59.21 1.91 0.00	52.16 1.89 0.00	44.23 1.84 0.00	41.24 1.93 -0.01	44.58 2.00 0.00	58.19 2.53 0.00	63.54 2.77 0.00	52.66 1.97 0.00	43.05 1.56 0.00	41.44 1.56 0.00	40.57 1.32 0.00	33.83 1.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.23 1.11 0.00	28.73 1.00 0.00	23.19 0.91 0.00	22.02 0.84 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.29 1.24 0.00	37.62 1.71 0.00	41.37 1.76 0.00	57.17 2.18 0.00	45.48 1.65 0.00	43.72 1.51 0.00	59.17 1.86 0.00	52.14 1.87 0.00	44.22 1.82 0.00	41.23 1.92 -0.01	44.56 1.99 0.00	58.16 2.50 0.00	63.49 2.71 0.00	52.63 1.94 0.00	43.01 1.53 0.00	41.41 1.52 0.00	40.55 1.29 0.00	33.81 1.08 0.00
FARRAGUT___LBMP 323566	31.21 1.09 0.00	28.71 0.99 0.00	23.18 0.89 0.00	22.01 0.83 0.00	22.14 0.82 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.33 1.71 0.00	57.12 2.13 0.00	45.44 1.62 0.00	43.69 1.48 0.00	59.12 1.81 0.00	52.09 1.81 0.00	44.18 1.79 0.00	41.19 1.88 -0.01	44.52 1.95 0.00	58.12 2.46 0.00	63.46 2.68 0.00	52.58 1.90 0.00	42.98 1.49 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00
FENNER___WINDPWR 24204	30.43 0.31 0.00	28.00 0.27 0.00	22.50 0.21 0.00	21.38 0.20 0.00	21.53 0.22 0.00	24.24 0.32 0.00	24.38 0.34 0.00	36.45 0.54 0.00	40.33 0.71 0.00	56.11 1.12 0.00	44.78 0.95 0.00	43.07 0.86 0.00	58.37 1.07 0.00	51.16 0.89 0.00	43.11 0.72 0.00	40.00 0.69 0.00	43.41 0.84 0.00	56.73 1.07 0.00	61.98 1.21 0.00	51.69 1.00 0.00	42.29 0.80 0.00	40.59 0.70 0.00	39.93 0.68 0.00	33.28 0.54 0.00
FIBERTEK___ENERGY 23856	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00
FITZPATRICK____ 23598	29.19 -0.93 0.00	26.85 -0.88 0.00	21.57 -0.72 0.00	20.52 -0.66 0.00	20.66 -0.66 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.70 0.00	42.54 -1.28 0.00	40.96 -1.25 0.00	55.65 -1.66 0.00	48.82 -1.46 0.00	41.14 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.89 -1.90 0.00	49.14 -1.54 0.00	40.24 -1.25 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.82 -0.92 0.00
FLOWRFLD_69_KV_BK1 356044	31.34 1.22 0.00	28.75 1.02 0.00	23.29 1.00 0.00	22.11 0.94 0.00	22.11 0.80 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.56 1.65 0.00	41.50 1.88 0.00	57.46 2.46 0.00	45.90 2.08 0.00	44.13 1.92 0.00	59.34 2.03 0.00	52.27 2.00 0.00	39.75 1.67 4.31	41.27 1.97 0.02	44.80 2.23 0.00	58.60 2.94 0.00	63.22 2.44 0.00	52.54 1.85 0.00	43.19 1.70 0.00	41.40 1.51 0.00	40.46 1.21 0.00	33.70 0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.15 1.03 0.00	28.67 0.94 0.00	23.13 0.85 0.00	21.97 0.79 0.00	22.10 0.79 0.00	24.87 0.94 0.00	25.21 1.16 0.00	37.64 1.73 0.00	41.46 1.84 0.00	57.41 2.42 0.00	45.66 1.83 0.00	43.77 1.57 0.00	59.30 1.99 0.00	52.31 2.03 0.00	44.29 1.90 0.00	41.24 1.93 0.00	44.62 2.05 0.00	58.41 2.75 0.00	63.84 3.06 0.00	52.95 2.26 0.00	43.21 1.72 0.00	41.49 1.60 0.00	40.64 1.39 0.00	33.81 1.08 0.00
FORT ORANGE____ 23900	30.46 0.34 0.00	28.04 0.31 0.00	22.65 0.36 0.00	21.53 0.35 0.00	21.67 0.36 0.00	24.34 0.41 0.00	24.60 0.55 0.00	36.83 0.92 0.00	40.51 0.90 0.00	56.15 1.16 0.00	44.77 0.95 0.00	42.91 0.71 0.00	58.41 1.11 0.00	51.26 0.99 0.00	43.25 0.86 0.00	40.16 0.85 0.00	43.39 0.82 0.00	56.91 1.25 0.00	62.16 1.38 0.00	51.65 0.97 0.00	42.15 0.66 0.00	40.40 0.52 0.00	39.66 0.41 0.00	32.96 0.22 0.00
FORT_DRUM_COGEN 23780	30.90 0.78 0.00	28.36 0.63 0.00	22.73 0.45 0.00	21.38 0.20 0.00	21.42 0.11 0.00	24.18 0.26 0.00	24.06 0.02 0.00	35.80 -0.11 0.00	39.68 0.06 0.00	55.90 0.91 0.00	44.94 1.12 0.00	43.33 1.13 0.00	58.56 1.25 0.00	50.26 -0.01 0.00	42.31 -0.09 0.00	39.34 0.03 0.00	42.98 0.41 0.00	56.55 0.89 0.00	61.82 1.04 0.00	51.82 1.14 0.00	42.19 0.70 0.00	40.15 0.26 0.00	39.76 0.51 0.00	33.19 0.46 0.00
FOX_HILLS___ESR 323835	31.27 1.15 0.00	28.77 1.04 0.00	23.22 0.94 0.00	22.05 0.88 0.00	22.17 0.86 0.00	24.94 1.02 0.00	25.30 1.26 0.00	36.25 1.63 1.29	39.15 1.63 2.09	54.66 2.09 2.43	37.14 1.56 8.25	36.06 1.41 7.55	38.52 1.71 20.48	39.01 1.77 13.03	36.91 1.70 7.18	37.59 1.83 3.55	38.39 1.82 6.00	55.65 2.36 2.37	60.79 2.61 2.60	52.18 1.93 0.44	41.53 1.48 1.43	41.44 1.55 0.00	40.45 1.20 0.00	33.81 1.08 0.00
FPL FAR_ROCK_GT1 24212	31.54 1.42 0.00	28.97 1.24 0.00	23.40 1.12 0.00	22.20 1.02 0.00	22.26 0.95 0.00	25.09 1.16 0.00	25.44 1.39 0.00	37.79 1.88 0.00	41.70 2.09 0.00	57.74 2.74 0.00	46.04 2.21 0.00	44.28 2.07 0.00	59.60 2.29 0.00	52.53 2.25 0.00	43.95 2.12 0.56	41.63 2.32 0.00	45.11 2.54 0.00	58.90 3.24 0.00	64.08 3.30 0.00	53.21 2.53 0.00	43.49 2.01 0.00	41.83 1.94 0.00	40.93 1.68 0.00	34.07 1.34 0.00

FPL FAR_ROCK_GT2 23815	31.54 1.42 0.00	28.97 1.24 0.00	23.40 1.12 0.00	22.20 1.02 0.00	22.26 0.95 0.00	25.09 1.16 0.00	25.44 1.39 0.00	37.79 1.88 0.00	41.70 2.09 0.00	57.74 2.74 0.00	46.04 2.21 0.00	44.28 2.07 0.00	59.60 2.29 0.00	52.53 2.25 0.00	43.95 2.12 0.56	41.63 2.32 0.00	45.11 2.54 0.00	58.90 3.24 0.00	64.08 3.30 0.00	53.21 2.53 0.00	43.49 2.01 0.00	41.83 1.94 0.00	40.93 1.68 0.00	34.07 1.34 0.00
FRANKLIN_FALL_HYD 24054	31.13 1.01 0.00	28.63 0.91 0.00	22.80 0.52 0.00	21.68 0.50 0.00	21.75 0.44 0.00	24.24 0.31 0.00	24.29 0.25 0.00	36.03 0.12 0.00	39.94 0.33 0.00	55.82 0.83 0.00	44.79 0.97 0.00	43.50 1.29 0.00	58.84 1.53 0.00	50.79 0.51 0.00	42.60 0.20 0.00	39.26 -0.05 0.00	42.73 0.17 0.00	56.43 0.77 0.00	62.29 1.51 0.00	52.06 1.38 0.00	42.47 0.97 0.00	40.72 0.83 0.00	40.23 0.98 0.00	33.51 0.77 0.00
FREEPORT_EQUS_GT1 23764	31.29 1.17 0.00	28.74 1.01 0.00	23.23 0.95 0.00	22.05 0.87 0.00	22.08 0.77 0.00	24.90 0.97 0.00	25.23 1.18 0.00	37.47 1.55 0.00	41.36 1.75 0.00	57.07 2.08 0.00	45.50 1.67 0.00	43.74 1.54 0.00	58.87 1.57 0.00	51.88 1.61 0.00	41.57 1.52 2.35	41.13 1.83 0.01	44.66 2.09 0.00	57.97 2.31 0.00	63.11 2.33 0.00	52.54 1.86 0.00	42.96 1.47 0.00	41.41 1.52 0.00	40.56 1.31 0.00	33.79 1.05 0.00
FREEPORT___CT2 23818	31.29 1.17 0.00	28.74 1.01 0.00	23.23 0.95 0.00	22.05 0.87 0.00	22.08 0.77 0.00	24.90 0.97 0.00	25.23 1.18 0.00	37.47 1.55 0.00	41.36 1.75 0.00	57.07 2.08 0.00	45.50 1.67 0.00	43.74 1.54 0.00	58.87 1.57 0.00	51.88 1.61 0.00	41.57 1.52 2.35	41.13 1.83 0.01	44.66 2.09 0.00	57.97 2.31 0.00	63.11 2.33 0.00	52.54 1.86 0.00	42.96 1.47 0.00	41.41 1.52 0.00	40.56 1.31 0.00	33.79 1.05 0.00
FRESHKLS_33_KV_LOAD 356253	31.28 1.16 0.00	28.77 1.04 0.00	23.23 0.94 0.00	22.06 0.88 0.00	22.18 0.87 0.00	24.96 1.03 0.00	25.32 1.27 0.00	36.23 1.62 1.29	39.08 1.56 2.09	54.60 2.03 2.43	37.11 1.53 8.25	36.01 1.35 7.55	38.42 1.60 20.48	38.91 1.67 13.03	36.83 1.62 7.18	37.54 1.78 3.55	38.35 1.79 6.00	55.62 2.33 2.37	60.79 2.61 2.60	52.20 1.95 0.44	41.52 1.46 1.43	41.38 1.49 0.00	40.41 1.15 0.00	33.82 1.08 0.00
FULTON COGEN____ 23766	29.44 -0.67 0.00	27.07 -0.66 0.00	21.75 -0.53 0.00	20.69 -0.49 0.00	20.84 -0.47 0.00	23.41 -0.52 0.00	23.50 -0.55 0.00	35.09 -0.82 0.00	38.75 -0.87 0.00	53.92 -1.07 0.00	43.04 -0.78 0.00	41.46 -0.74 0.00	56.34 -0.97 0.00	49.40 -0.87 0.00	41.66 -0.74 0.00	38.64 -0.67 0.00	41.87 -0.70 0.00	54.66 -1.00 0.00	59.63 -1.15 0.00	49.79 -0.89 0.00	40.76 -0.73 0.00	39.17 -0.72 0.00	38.54 -0.71 0.00	32.18 -0.56 0.00
FULTON___LFGE 323630	31.74 1.62 0.00	29.22 1.49 0.00	23.45 1.16 0.00	22.28 1.11 0.00	22.46 1.14 0.00	25.27 1.34 0.00	25.44 1.40 0.00	38.08 2.17 0.00	42.02 2.40 0.00	58.38 3.39 0.00	46.32 2.49 0.00	44.61 2.41 0.00	60.51 3.20 0.00	53.23 2.95 0.00	44.81 2.41 0.00	41.55 2.24 0.00	45.17 2.60 0.00	59.19 3.52 0.00	64.66 3.88 0.00	53.97 3.29 0.00	44.18 2.70 0.00	42.33 2.45 0.00	41.59 2.33 0.00	34.64 1.90 0.00
G.F.CEMENT___DRP 24184	31.25 1.14 0.00	28.77 1.03 0.00	23.18 0.90 0.00	22.01 0.84 0.00	22.16 0.85 0.00	24.95 1.02 0.00	25.19 1.15 0.00	38.04 2.13 0.00	42.25 2.63 0.00	58.66 3.66 0.00	46.71 2.88 0.00	44.87 2.66 0.00	61.08 3.78 0.00	53.65 3.37 0.00	45.33 2.94 0.00	41.88 2.57 0.00	45.19 2.62 0.00	59.36 3.70 0.00	64.68 3.90 0.00	53.69 3.00 0.00	43.76 2.27 0.00	41.92 2.04 0.00	41.20 1.95 0.00	34.13 1.40 0.00
GARDENVILLE___LBMP 24039	29.49 -0.63 0.00	27.10 -0.63 0.00	21.35 -0.94 0.00	20.30 -0.88 0.00	20.49 -0.82 0.00	23.06 -0.87 0.00	22.73 -1.32 0.00	32.76 -2.38 0.78	31.87 -2.38 5.37	43.40 -2.88 8.72	35.40 -1.83 6.60	40.79 -1.42 0.00	55.44 -1.48 0.38	48.93 -1.34 0.00	39.77 -1.59 1.03	36.72 -2.12 0.47	40.39 -2.18 0.00	52.03 -3.63 0.00	56.44 -4.25 0.09	47.64 -3.04 0.00	39.35 -2.14 0.00	38.06 -1.83 0.00	38.04 -1.22 0.00	32.28 -0.45 0.00
GARDNVLA_35_KV_LD 355827	29.59 -0.53 0.00	27.19 -0.54 0.00	21.41 -0.87 0.00	20.35 -0.83 0.00	20.56 -0.76 0.00	23.12 -0.80 0.00	22.80 -1.24 0.00	32.93 -2.24 0.74	32.29 -2.22 5.11	44.05 -2.64 8.30	35.88 -1.65 6.29	40.95 -1.26 0.00	55.70 -1.24 0.37	49.13 -1.14 0.00	39.99 -1.42 0.98	36.89 -1.97 0.45	40.53 -2.04 0.00	52.21 -3.45 0.00	56.62 -4.08 0.09	47.79 -2.90 0.00	39.47 -2.01 0.00	38.19 -1.70 0.00	38.15 -1.10 0.00	32.39 -0.35 0.00
GELCKHM___115KV_LOAD 80723	29.64 -0.48 0.00	27.29 -0.44 0.00	21.90 -0.39 0.00	20.83 -0.35 0.00	20.98 -0.34 0.00	23.56 -0.37 0.00	23.65 -0.40 0.00	35.30 -0.61 0.00	39.04 -0.58 0.00	54.27 -0.73 0.00	43.32 -0.51 0.00	41.71 -0.50 0.00	56.68 -0.62 0.00	49.72 -0.56 0.00	41.91 -0.48 0.00	38.86 -0.44 0.00	42.12 -0.45 0.00	54.98 -0.68 0.00	60.00 -0.79 0.00	50.06 -0.63 0.00	40.98 -0.51 0.00	39.39 -0.50 0.00	38.78 -0.47 0.00	32.37 -0.36 0.00
GENERAL___MILLS 23808	29.56 -0.56 0.00	27.16 -0.57 0.00	21.39 -0.89 0.00	20.34 -0.84 0.00	20.54 -0.77 0.00	23.11 -0.82 0.00	22.78 -1.27 0.00	32.88 -2.28 0.75	32.16 -2.28 5.18	43.85 -2.72 8.42	35.72 -1.73 6.37	40.88 -1.33 0.00	55.62 -1.32 0.37	49.06 -1.21 0.00	39.92 -1.48 0.99	36.84 -2.02 0.45	40.47 -2.09 0.00	52.14 -3.52 0.00	56.55 -4.14 0.09	47.74 -2.95 0.00	39.43 -2.06 0.00	38.14 -1.75 0.00	38.11 -1.14 0.00	32.35 -0.38 0.00
GE_PLASTICS___DRP 24183	30.40 0.29 0.00	27.99 0.27 0.00	22.61 0.32 0.00	21.49 0.32 0.00	21.63 0.32 0.00	24.29 0.36 0.00	24.52 0.48 0.00	36.70 0.79 0.00	40.37 0.75 0.00	55.94 0.95 0.00	44.60 0.77 0.00	42.79 0.59 0.00	58.23 0.93 0.00	51.10 0.83 0.00	43.17 0.78 0.00	40.03 0.72 0.00	43.25 0.68 0.00	56.68 1.02 0.00	61.86 1.08 0.00	51.43 0.74 0.00	41.98 0.49 0.00	40.28 0.39 0.00	39.56 0.30 0.00	32.89 0.15 0.00
GILBOA___1 23756	30.42 0.30 0.00	28.03 0.30 0.00	22.67 0.38 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.26 0.34 0.00	24.44 0.39 0.00	36.51 0.60 0.00	40.18 0.56 0.00	55.61 0.62 0.00	44.31 0.49 0.00	42.60 0.40 0.00	57.92 0.62 0.00	50.84 0.56 0.00	43.06 0.67 0.00	39.90 0.60 0.00	43.12 0.55 0.00	56.28 0.62 0.00	61.30 0.52 0.00	51.10 0.41 0.00	41.83 0.34 0.00	40.29 0.40 0.00	39.60 0.35 0.00	32.98 0.25 0.00
GILBOA___2 23757	30.42 0.30 0.00	28.03 0.30 0.00	22.67 0.38 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.26 0.34 0.00	24.44 0.39 0.00	36.51 0.60 0.00	40.18 0.56 0.00	55.61 0.62 0.00	44.31 0.49 0.00	42.60 0.40 0.00	57.92 0.62 0.00	50.84 0.56 0.00	43.06 0.67 0.00	39.90 0.60 0.00	43.12 0.55 0.00	56.28 0.62 0.00	61.30 0.52 0.00	51.10 0.41 0.00	41.83 0.34 0.00	40.29 0.40 0.00	39.60 0.35 0.00	32.98 0.25 0.00

GILBOA___3 23758	30.42 0.30 0.00	28.03 0.30 0.00	22.67 0.38 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.26 0.34 0.00	24.44 0.39 0.00	36.51 0.60 0.00	40.18 0.56 0.00	55.61 0.62 0.00	44.31 0.49 0.00	42.60 0.40 0.00	57.92 0.62 0.00	50.84 0.56 0.00	43.06 0.67 0.00	39.90 0.60 0.00	43.12 0.55 0.00	56.28 0.62 0.00	61.30 0.52 0.00	51.10 0.41 0.00	41.83 0.34 0.00	40.29 0.40 0.00	39.60 0.35 0.00	32.98 0.25 0.00
GILBOA___4 23759	30.42 0.30 0.00	28.03 0.30 0.00	22.67 0.38 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.26 0.34 0.00	24.44 0.39 0.00	36.51 0.60 0.00	40.18 0.56 0.00	55.61 0.62 0.00	44.31 0.49 0.00	42.60 0.40 0.00	57.92 0.62 0.00	50.84 0.56 0.00	43.06 0.67 0.00	39.90 0.60 0.00	43.12 0.55 0.00	56.28 0.62 0.00	61.30 0.52 0.00	51.10 0.41 0.00	41.83 0.34 0.00	40.29 0.40 0.00	39.60 0.35 0.00	32.98 0.25 0.00
GILBOA___ 23599	30.42 0.30 0.00	28.03 0.30 0.00	22.67 0.39 0.00	21.55 0.37 0.00	21.68 0.37 0.00	24.26 0.34 0.00	24.44 0.39 0.00	36.51 0.60 0.00	40.19 0.57 0.00	55.61 0.61 0.00	44.32 0.50 0.00	42.60 0.39 0.00	57.92 0.62 0.00	50.83 0.56 0.00	43.06 0.67 0.00	39.90 0.60 0.00	43.12 0.56 0.00	56.28 0.62 0.00	61.30 0.52 0.00	51.10 0.41 0.00	41.83 0.34 0.00	40.29 0.40 0.00	39.60 0.35 0.00	32.98 0.25 0.00
GINNA___ 23603	30.03 -0.09 0.00	27.61 -0.12 0.00	21.95 -0.33 0.00	20.87 -0.31 0.00	21.07 -0.24 0.00	23.73 -0.20 0.00	23.65 -0.40 0.00	35.18 -0.73 0.00	39.08 -0.54 0.00	54.45 -0.55 0.00	43.62 -0.20 0.00	42.13 -0.08 0.00	57.42 0.11 0.00	50.32 0.05 0.00	42.15 -0.24 0.00	38.84 -0.47 0.00	42.10 -0.47 0.00	54.72 -0.94 0.00	59.66 -1.13 -0.01	50.03 -0.66 0.00	41.06 -0.43 0.00	39.52 -0.36 0.00	39.11 -0.14 0.00	32.86 0.13 0.00
GLEN PARK___ 23778	31.03 0.91 0.00	28.49 0.76 0.00	22.83 0.54 0.00	21.47 0.29 0.00	21.52 0.21 0.00	24.31 0.38 0.00	24.21 0.16 0.00	36.05 0.14 0.00	39.97 0.35 0.00	56.26 1.27 0.00	45.28 1.45 0.00	43.63 1.42 0.00	58.97 1.67 0.00	50.63 0.36 0.00	42.63 0.24 0.00	39.61 0.30 0.00	43.32 0.75 0.00	56.97 1.31 0.00	62.30 1.52 0.00	52.23 1.55 0.00	42.51 1.02 0.00	40.45 0.56 0.00	40.01 0.76 0.00	33.38 0.64 0.00
GLENDALE_27_KV_LOAD 356172	31.44 1.32 0.00	28.91 1.18 0.00	23.34 1.05 0.00	22.14 0.96 0.00	22.27 0.96 0.00	25.07 1.14 0.00	25.44 1.39 0.00	37.81 1.90 0.00	41.60 1.98 0.00	57.44 2.44 0.00	45.73 1.90 0.00	44.01 1.80 0.00	59.50 2.20 0.00	52.46 2.19 0.00	44.50 2.11 0.00	41.49 2.18 0.00	44.78 2.21 0.00	58.45 2.79 0.00	63.82 3.04 0.00	52.91 2.23 0.00	43.24 1.75 0.00	41.71 1.82 0.00	40.78 1.53 0.00	34.00 1.27 0.00
GLENWOOD_IC_1_G5 23712	31.29 1.17 0.00	28.74 1.01 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.10 0.79 0.00	24.91 0.98 0.00	25.25 1.20 0.00	37.54 1.63 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.73 1.91 0.00	43.95 1.74 0.00	59.24 1.94 0.00	52.21 1.93 0.00	42.59 1.81 1.61	41.31 2.01 0.00	44.77 2.20 0.00	58.39 2.73 0.00	63.54 2.76 0.00	52.75 2.07 0.00	43.13 1.64 0.00	41.45 1.56 0.00	40.57 1.32 0.00	33.80 1.06 0.00
GLENWOOD_IC_2_G1 23688	31.24 1.12 0.00	28.70 0.97 0.00	23.19 0.91 0.00	22.01 0.83 0.00	22.07 0.76 0.00	24.87 0.94 0.00	25.21 1.16 0.00	37.48 1.57 0.00	41.35 1.73 0.00	57.22 2.22 0.00	45.60 1.78 0.00	43.86 1.65 0.00	59.11 1.81 0.00	52.10 1.83 0.00	43.62 1.71 0.48	41.24 1.92 0.00	44.66 2.09 0.00	58.27 2.61 0.00	63.39 2.61 0.00	52.64 1.96 0.00	43.03 1.55 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.74 1.01 0.00
GLENWOOD_IC_3_G1 23689	31.24 1.12 0.00	28.70 0.97 0.00	23.19 0.91 0.00	22.01 0.83 0.00	22.07 0.76 0.00	24.87 0.94 0.00	25.21 1.16 0.00	37.48 1.57 0.00	41.35 1.73 0.00	57.22 2.22 0.00	45.60 1.78 0.00	43.86 1.65 0.00	59.11 1.81 0.00	52.10 1.83 0.00	43.62 1.71 0.48	41.24 1.92 0.00	44.66 2.09 0.00	58.27 2.61 0.00	63.39 2.61 0.00	52.64 1.96 0.00	43.03 1.55 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.74 1.01 0.00
GLENWOOD___4 23550	31.29 1.17 0.00	28.74 1.01 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.10 0.79 0.00	24.91 0.98 0.00	25.25 1.20 0.00	37.54 1.63 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.73 1.91 0.00	43.95 1.74 0.00	59.24 1.94 0.00	52.21 1.93 0.00	42.59 1.81 1.61	41.31 2.01 0.00	44.77 2.20 0.00	58.39 2.73 0.00	63.54 2.76 0.00	52.75 2.07 0.00	43.13 1.64 0.00	41.45 1.56 0.00	40.57 1.32 0.00	33.80 1.06 0.00
GLENWOOD___5 23614	31.29 1.17 0.00	28.74 1.01 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.10 0.79 0.00	24.91 0.98 0.00	25.25 1.20 0.00	37.54 1.63 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.73 1.91 0.00	43.95 1.74 0.00	59.24 1.94 0.00	52.21 1.93 0.00	42.59 1.81 1.61	41.31 2.01 0.00	44.77 2.20 0.00	58.39 2.73 0.00	63.54 2.76 0.00	52.75 2.07 0.00	43.13 1.64 0.00	41.45 1.56 0.00	40.57 1.32 0.00	33.80 1.06 0.00
GLOBAL GREEN_PORT_GT1 23814	30.82 0.70 0.00	28.28 0.55 0.00	22.97 0.69 0.00	21.90 0.72 0.00	21.91 0.60 0.00	25.37 1.44 0.00	25.99 1.95 0.00	38.58 2.67 0.00	42.70 3.08 0.00	59.24 4.25 0.00	47.33 3.50 0.00	45.54 3.33 0.00	61.24 3.94 0.00	53.84 3.57 0.00	40.63 2.56 4.33	41.97 2.68 0.02	45.73 3.16 0.00	59.47 3.81 0.00	62.94 2.17 0.00	52.24 1.55 0.00	42.64 1.15 0.00	40.82 0.93 0.00	39.87 0.62 0.00	33.14 0.41 0.00
GLOBE___DSASP 323697	28.70 -1.42 0.00	26.39 -1.34 0.00	20.73 -1.56 0.00	19.70 -1.48 0.00	19.90 -1.41 0.00	22.38 -1.54 0.00	21.95 -2.10 0.00	31.28 -3.67 0.96	29.29 -3.72 6.61	39.32 -4.96 10.71	32.15 -3.57 8.10	39.21 -3.00 0.00	53.19 -3.65 0.47	47.03 -3.24 0.00	37.91 -3.23 1.26	35.22 -3.51 0.58	38.79 -3.78 0.00	49.68 -5.98 0.00	53.75 -6.93 0.10	45.53 -5.15 0.00	37.63 -3.86 0.00	36.50 -3.39 0.00	36.61 -2.65 0.00	31.19 -1.55 0.00
GOETHSLN___LBMP 323567	31.07 0.95 0.00	28.60 0.87 0.00	23.08 0.79 0.00	21.91 0.73 0.00	22.04 0.73 0.00	24.80 0.87 0.00	25.17 1.12 0.00	37.45 1.54 0.00	41.14 1.52 0.00	56.81 1.81 0.00	36.82 1.33 8.33	35.78 1.20 7.63	38.24 1.43 20.48	38.73 1.48 13.03	36.71 1.50 7.18	37.37 1.62 3.56	38.23 1.67 6.01	56.70 2.11 1.08	63.12 2.34 0.00	52.27 1.59 0.00	41.30 1.25 1.43	41.15 1.26 0.00	40.28 1.03 0.00	33.62 0.88 0.00
GOLAH___69_KV_TB 1_2 80279	30.05 -0.07 0.00	27.62 -0.10 0.00	21.90 -0.39 0.00	20.82 -0.36 0.00	21.02 -0.29 0.00	23.69 -0.24 0.00	23.53 -0.51 0.00	34.76 -0.94 0.21	37.40 -0.71 1.51	51.75 -0.80 2.45	41.57 -0.42 1.84	41.99 -0.22 0.00	57.14 -0.06 0.11	50.16 -0.12 0.00	41.56 -0.55 0.29	38.43 -0.74 0.13	41.79 -0.77 0.00	54.15 -1.51 0.00	59.05 -1.74 0.00	49.67 -1.02 0.00	40.81 -0.68 0.00	39.31 -0.58 0.00	39.03 -0.22 0.00	32.90 0.16 0.00

GOODYEAR_LAKE_HYD 323669	30.97 0.85 0.00	28.51 0.78 0.00	22.93 0.64 0.00	21.79 0.61 0.00	21.94 0.63 0.00	24.67 0.75 0.00	24.82 0.77 0.00	37.00 1.09 0.00	40.80 1.18 0.00	56.61 1.62 0.00	45.12 1.29 0.00	43.47 1.26 0.00	58.90 1.60 0.00	51.60 1.33 0.00	43.55 1.16 0.00	40.45 1.14 0.00	43.88 1.31 0.00	57.37 1.70 0.00	62.70 1.93 0.01	52.36 1.68 0.00	42.91 1.42 0.00	41.26 1.37 0.00	40.57 1.32 0.00	33.85 1.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.97 -0.15 0.00	27.61 -0.12 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.20 -0.12 0.00	23.87 -0.06 0.00	23.91 -0.14 0.00	35.79 -0.25 -0.13	40.62 -0.25 -1.25	56.87 -0.15 -2.04	45.27 -0.09 -1.53	42.11 -0.10 0.00	57.46 0.06 -0.09	50.31 0.04 0.00	42.66 0.03 -0.24	39.45 0.04 -0.11	42.68 0.12 0.00	55.75 0.08 0.00	60.76 0.00 0.02	50.77 0.09 0.00	41.65 0.16 0.00	40.09 0.20 0.00	39.50 0.25 0.00	33.01 0.28 0.00
GOUDEY___7 23579	29.97 -0.15 0.00	27.61 -0.12 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.20 -0.12 0.00	23.87 -0.06 0.00	23.91 -0.14 0.00	35.79 -0.25 -0.13	40.62 -0.25 -1.25	56.87 -0.15 -2.04	45.27 -0.09 -1.53	42.11 -0.10 0.00	57.46 0.06 -0.09	50.31 0.04 0.00	42.66 0.03 -0.24	39.45 0.04 -0.11	42.68 0.12 0.00	55.75 0.08 0.00	60.76 0.00 0.02	50.77 0.09 0.00	41.65 0.16 0.00	40.09 0.20 0.00	39.50 0.25 0.00	33.01 0.28 0.00
GOUDEY___8 23580	29.97 -0.15 0.00	27.61 -0.12 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.20 -0.12 0.00	23.87 -0.06 0.00	23.91 -0.14 0.00	35.79 -0.25 -0.13	40.62 -0.25 -1.25	56.87 -0.15 -2.04	45.27 -0.09 -1.53	42.11 -0.10 0.00	57.46 0.06 -0.09	50.31 0.04 0.00	42.66 0.03 -0.24	39.45 0.04 -0.11	42.68 0.12 0.00	55.75 0.08 0.00	60.76 0.00 0.02	50.77 0.09 0.00	41.65 0.16 0.00	40.09 0.20 0.00	39.50 0.25 0.00	33.01 0.28 0.00
GOWANUS_GT1_1 24077	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_2 24078	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_3 24079	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_4 24080	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_5 24084	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_6 24111	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_7 24112	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT1_8 24113	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT2_1 24114	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
GOWANUS_GT2_2 24115	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
GOWANUS_GT2_3 24116	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00

GOWANUS_GT2_4 24117	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT2_5 24118	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT2_6 24119	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT2_7 24120	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT2_8 24121	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT3_1 24122	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 0.00	23.26 <u>0.97</u> 0.00	22.08 <u>0.90</u> 0.00	22.20 <u>0.89</u> 0.00	24.99 <u>1.06</u> 0.00	25.35 <u>1.30</u> 0.00	37.68 <u>1.77</u> 0.00	41.45 <u>1.83</u> 0.00	57.33 <u>2.34</u> 0.00	45.55 <u>1.72</u> 0.00	43.85 <u>1.64</u> 0.00	59.34 <u>2.04</u> 0.00	52.32 <u>2.04</u> 0.00	44.33 <u>1.94</u> 0.00	41.32 <u>2.02</u> 0.00	44.62 <u>2.05</u> 0.00	58.29 <u>2.63</u> 0.00	63.66 <u>2.89</u> 0.00	52.82 <u>2.14</u> 0.00	43.15 <u>1.66</u> 0.00	41.63 <u>1.74</u> 0.00	40.65 <u>1.39</u> 0.00	33.90 <u>1.16</u> 0.00
GOWANUS_GT3_2 24123	31.34 <u>1.22</u> 0.00	28.82 <u>1.09</u> 																						

GOWANUS_GT4_3 24132	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT4_4 24133	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT4_5 24134	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT4_6 24135	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT4_7 24136	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GOWANUS_GT4_8 24137	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GREENBSH_115KV_TB3 55895	30.29 0.17 0.00	27.89 0.16 0.00	22.53 0.24 0.00	21.41 0.23 0.00	21.55 0.24 0.00	24.20 0.28 0.00	24.45 0.41 0.00	36.60 0.69 0.00	40.24 0.63 0.00	55.77 0.77 0.00	44.45 0.62 0.00	42.67 0.46 0.00	58.04 0.73 0.00	50.96 0.69 0.00	43.07 0.68 0.00	39.94 0.63 0.00	43.13 0.57 0.00	56.52 0.86 0.00	61.67 0.89 0.00	51.25 0.56 0.00	41.82 0.33 0.00	40.12 0.23 0.00	39.39 0.14 0.00	32.74 0.01 0.00
GREENIDGE_115KV_TB5 80291	30.18 0.06 0.00	27.78 0.05 0.00	22.16 -0.12 0.00	21.08 -0.10 0.00	21.25 -0.05 0.00	23.95 0.03 0.00	23.83 -0.21 0.00	37.26 -0.40 -1.74	51.08 -0.32 -11.78	73.85 -0.11 -18.96	58.19 -0.01 -14.38	42.36 0.15 0.00	57.88 -0.26 -0.83	50.24 -0.03 0.00	44.66 0.04 -2.23	40.31 -0.01 -1.02	42.64 0.07 0.00	55.67 0.00 0.00	60.90 0.13 0.02	51.03 0.35 0.00	41.90 0.41 0.00	40.17 0.28 0.00	39.71 0.45 0.00	33.27 0.54 0.00
GREENIDGE___3 23582	30.18 0.06 0.00	27.78 0.05 0.00	22.16 -0.12 0.00	21.08 -0.10 0.00	21.25 -0.05 0.00	23.95 0.03 0.00	23.83 -0.21 0.00	37.26 -0.40 -1.74	51.08 -0.32 -11.78	73.85 -0.11 -18.96	58.19 -0.01 -14.38	42.36 0.15 0.00	57.88 -0.26 -0.83	50.24 -0.03 0.00	44.66 0.04 -2.23	40.31 -0.01 -1.02	42.64 0.07 0.00	55.67 0.00 0.00	60.90 0.13 0.02	51.03 0.35 0.00	41.90 0.41 0.00	40.17 0.28 0.00	39.71 0.45 0.00	33.27 0.54 0.00
GREENIDGE___4 23583	30.18 0.07 0.00	27.78 0.05 0.00	22.16 -0.13 0.00	21.08 -0.10 0.00	21.25 -0.05 0.00	23.95 0.03 0.00	23.83 -0.21 0.00	37.26 -0.40 -1.74	51.09 -0.31 -11.78	73.86 -0.10 -18.96	58.22 0.02 -14.38	42.37 0.16 0.00	57.87 -0.26 -0.83	50.24 -0.03 0.00	44.67 0.04 -2.23	40.32 0.00 -1.02	42.64 0.07 0.00	55.67 0.00 0.00	60.90 0.14 0.02	51.03 0.35 0.00	41.89 0.41 0.00	40.17 0.28 0.00	39.69 0.44 0.00	33.27 0.54 0.00
GREENLWN_69_KV_BK 3 55738	31.04 0.92 0.00	28.50 0.78 0.00	23.09 0.81 0.00	21.92 0.74 0.00	21.90 0.59 0.00	24.67 0.75 0.00	24.97 0.92 0.00	37.06 1.15 0.00	40.91 1.30 0.00	56.62 1.63 0.00	45.17 1.35 0.00	43.42 1.21 0.00	58.45 1.15 0.00	51.55 1.28 0.00	39.36 1.20 4.23	40.81 1.51 0.02	44.15 1.58 0.00	57.70 2.04 0.00	62.72 1.94 0.00	52.08 1.40 0.00	42.60 1.12 0.00	40.91 1.02 0.00	40.04 0.78 0.00	33.42 0.68 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00
GRISSOM___SOLAR 323813	31.65 1.54 0.00	29.13 1.40 0.00	23.40 1.12 0.00	22.24 1.06 0.00	22.41 1.09 0.00	25.21 1.28 0.00	25.40 1.36 0.00	38.05 2.14 0.00	41.97 2.35 0.00	58.25 3.25 0.00	46.21 2.38 0.00	44.44 2.23 0.00	60.30 3.00 0.00	53.10 2.83 0.00	44.76 2.36 0.00	41.50 2.19 0.00	45.07 2.51 0.00	59.07 3.41 0.00	64.52 3.74 0.00	53.83 3.15 0.00	44.04 2.55 0.00	42.19 2.31 0.00	41.43 2.18 0.00	34.50 1.76 0.00
GROVEVILLE___HYD 323602	31.15 1.03 0.00	28.67 0.94 0.00	23.13 0.85 0.00	21.97 0.79 0.00	22.10 0.79 0.00	24.87 0.94 0.00	25.21 1.16 0.00	37.64 1.73 0.00	41.46 1.84 0.00	57.41 2.42 0.00	45.66 1.83 0.00	43.77 1.57 0.00	59.30 1.99 0.00	52.31 2.03 0.00	44.29 1.90 0.00	41.24 1.93 0.00	44.62 2.05 0.00	58.41 2.75 0.00	63.84 3.06 0.00	52.95 2.26 0.00	43.21 1.72 0.00	41.49 1.60 0.00	40.64 1.39 0.00	33.81 1.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00

HAMLTNNY_34_KV_TB 80303	29.82 -0.30 0.00	27.44 -0.29 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.71 -0.22 0.00	23.78 -0.26 0.00	35.51 -0.40 0.00	39.27 -0.35 0.00	54.62 -0.38 0.00	43.60 -0.22 0.00	41.98 -0.22 0.00	57.05 -0.25 0.00	50.05 -0.22 0.00	42.20 -0.19 0.00	39.13 -0.18 0.00	42.39 -0.17 0.00	55.34 -0.33 0.00	60.37 -0.41 0.00	50.40 -0.28 0.00	41.27 -0.22 0.00	39.67 -0.22 0.00	39.05 -0.20 0.00	32.61 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	30.83 0.71 0.00	28.36 0.63 0.00	22.67 0.39 0.00	21.40 0.22 0.00	21.50 0.19 0.00	24.13 0.20 0.00	23.94 -0.11 0.00	35.21 -0.70 0.00	39.13 -0.49 0.00	55.62 0.62 0.00	45.06 1.24 0.00	43.60 1.39 0.00	58.68 1.38 0.00	50.04 -0.23 0.00	41.99 -0.40 0.00	38.71 -0.60 0.00	41.93 -0.63 0.00	55.43 -0.23 0.00	60.90 0.12 0.00	50.96 0.27 0.00	41.54 0.05 0.00	39.75 -0.14 0.00	39.49 0.24 0.00	33.20 0.46 0.00
HARDSCRABBLE_WT_PWR 323673	29.62 -0.50 0.00	27.33 -0.40 0.00	22.03 -0.25 0.00	21.04 -0.14 0.00	21.14 -0.18 0.00	23.88 -0.05 0.00	24.20 0.15 0.00	36.30 0.39 0.00	39.86 0.24 0.00	55.20 0.21 0.00	43.86 0.03 0.00	42.10 -0.11 0.00	57.42 0.11 0.00	50.34 0.06 0.00	42.10 -0.30 0.00	39.13 -0.18 0.00	42.27 -0.30 0.00	55.39 -0.27 0.00	60.73 -0.05 0.00	50.59 -0.09 0.00	41.30 -0.19 0.00	39.40 -0.49 0.00	38.60 -0.65 0.00	32.06 -0.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.85 0.73 0.00	28.41 0.69 0.00	22.91 0.62 0.00	21.76 0.58 0.00	21.90 0.59 0.00	24.63 0.71 0.00	24.95 0.91 0.00	37.23 1.32 0.00	40.99 1.37 0.00	56.76 1.77 0.00	45.09 1.27 0.00	43.20 0.99 0.00	58.54 1.23 0.00	51.63 1.36 0.00	43.77 1.38 0.00	40.73 1.43 0.00	44.11 1.54 0.00	57.77 2.11 0.00	63.16 2.38 0.00	52.34 1.66 0.00	42.76 1.28 0.00	41.07 1.19 0.00	40.26 1.01 0.00	33.52 0.79 0.00
HARSNRAD_115KV_TB1 81005	29.21 -0.91 0.00	26.86 -0.87 0.00	21.12 -1.17 0.00	20.09 -1.09 0.00	20.28 -1.03 0.00	22.83 -1.10 0.00	22.36 -1.68 0.00	31.76 -2.94 1.21	28.55 -2.79 8.28	37.82 -3.82 13.36	30.98 -2.77 10.08	39.92 -2.29 0.00	53.96 -2.76 0.59	47.81 -2.47 0.00	38.25 -2.58 1.57	35.77 -2.82 0.72	39.58 -2.99 0.00	50.86 -4.80 0.00	55.16 -5.55 0.07	46.68 -4.00 0.00	38.54 -2.95 0.00	37.32 -2.57 0.00	37.40 -1.86 0.00	31.81 -0.93 0.00
HARZA MOOSE___RIVER 24016	30.72 0.60 0.00	28.26 0.53 0.00	22.70 0.41 0.00	21.43 0.25 0.00	21.55 0.24 0.00	24.27 0.35 0.00	24.26 0.21 0.00	36.12 0.20 0.00	39.97 0.35 0.00	56.03 1.03 0.00	44.86 1.03 0.00	43.23 1.02 0.00	58.39 1.08 0.00	50.69 0.42 0.00	42.64 0.25 0.00	39.57 0.26 0.00	43.00 0.43 0.00	56.53 0.87 0.00	61.84 1.06 0.00	51.65 0.97 0.00	42.20 0.71 0.00	40.28 0.39 0.00	39.78 0.53 0.00	33.19 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.65 -0.47 0.00	27.29 -0.44 0.00	21.89 -0.39 0.00	20.83 -0.34 0.00	20.98 -0.33 0.00	23.57 -0.35 0.00	23.65 -0.40 0.00	35.31 -0.60 0.00	39.05 -0.57 0.00	54.29 -0.70 0.00	43.34 -0.49 0.00	41.74 -0.47 0.00	56.73 -0.58 0.00	49.76 -0.51 0.00	41.96 -0.44 0.00	38.90 -0.41 0.00	42.15 -0.42 0.00	55.02 -0.65 0.00	60.02 -0.76 0.00	50.10 -0.59 0.00	41.01 -0.48 0.00	39.41 -0.48 0.00	38.81 -0.45 0.00	32.41 -0.33 0.00
HELLGATE_13_KV_LD 55870	31.33 1.21 0.00	28.83 1.10 0.00	23.27 0.99 0.00	22.08 0.90 0.00	22.22 0.90 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.42 1.80 0.00	57.16 2.17 0.00	45.52 1.69 0.00	43.80 1.59 0.00	59.19 1.89 0.00	52.20 1.93 0.00	44.30 1.91 0.00	41.30 1.99 0.00	44.56 1.99 0.00	58.15 2.49 0.00	63.48 2.70 0.00	52.63 1.94 0.00	43.02 1.53 0.00	41.51 1.62 0.00	40.61 1.36 0.00	33.87 1.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.33 1.21 0.00	28.83 1.10 0.00	23.27 0.99 0.00	22.08 0.90 0.00	22.22 0.90 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.65 1.74 0.00	41.42 1.80 0.00	57.16 2.17 0.00	45.52 1.69 0.00	43.80 1.59 0.00	59.19 1.89 0.00	52.20 1.93 0.00	44.30 1.91 0.00	41.30 1.99 0.00	44.56 1.99 0.00	58.15 2.49 0.00	63.48 2.70 0.00	52.63 1.94 0.00	43.02 1.53 0.00	41.51 1.62 0.00	40.61 1.36 0.00	33.87 1.14 0.00
HEMPSTEAD____ 23647	31.15 1.03 0.00	28.61 0.88 0.00	23.13 0.85 0.00	21.95 0.78 0.00	22.00 0.69 0.00	24.79 0.87 0.00	25.13 1.08 0.00	37.34 1.43 0.00	41.23 1.61 0.00	57.00 2.01 0.00	45.45 1.62 0.00	43.70 1.49 0.00	58.87 1.56 0.00	51.89 1.62 0.00	41.75 1.52 2.16	41.06 1.75 0.01	44.51 1.94 0.00	58.01 2.35 0.00	63.10 2.33 0.00	52.43 1.74 0.00	42.86 1.37 0.00	41.21 1.33 0.00	40.37 1.12 0.00	33.62 0.89 0.00
HEWLETT_69_KV_BK3 55828	31.42 1.30 0.00	28.86 1.13 0.00	23.32 1.04 0.00	22.12 0.94 0.00	22.18 0.87 0.00	25.00 1.07 0.00	25.34 1.30 0.00	37.65 1.74 0.00	41.54 1.92 0.00	57.51 2.52 0.00	45.87 2.05 0.00	44.09 1.88 0.00	59.36 2.06 0.00	52.32 2.05 0.00	43.78 1.95 0.56	41.45 2.14 0.00	44.91 2.34 0.00	58.64 2.98 0.00	63.78 3.00 0.00	52.95 2.27 0.00	43.29 1.80 0.00	41.64 1.75 0.00	40.76 1.51 0.00	33.94 1.20 0.00
HICKLING___1 23621	29.78 -0.34 0.00	27.46 -0.27 0.00	21.91 -0.38 0.00	20.84 -0.33 0.00	20.99 -0.32 0.00	23.69 -0.24 0.00	23.52 -0.52 0.00	35.74 -0.91 -0.74	43.87 -0.62 -4.88	61.54 -0.58 -7.12	48.93 -0.53 -5.64	41.67 -0.54 0.00	57.09 -0.53 -0.31	49.78 -0.49 0.00	42.84 -0.39 -0.84	39.36 -0.33 -0.38	42.45 -0.12 0.00	55.53 -0.13 0.00	60.49 -0.26 0.03	50.71 0.02 0.00	41.68 0.19 0.00	40.04 0.15 0.00	39.54 0.29 0.00	33.13 0.40 0.00
HICKLING___2 23622	29.78 -0.34 0.00	27.46 -0.27 0.00	21.91 -0.38 0.00	20.84 -0.33 0.00	20.99 -0.32 0.00	23.69 -0.24 0.00	23.52 -0.52 0.00	35.74 -0.91 -0.74	43.87 -0.62 -4.88	61.54 -0.58 -7.12	48.93 -0.53 -5.64	41.67 -0.54 0.00	57.09 -0.53 -0.31	49.78 -0.49 0.00	42.84 -0.39 -0.84	39.36 -0.33 -0.38	42.45 -0.12 0.00	55.53 -0.13 0.00	60.49 -0.26 0.03	50.71 0.02 0.00	41.68 0.19 0.00	40.04 0.15 0.00	39.54 0.29 0.00	33.13 0.40 0.00
HIGH FALLS___HY 23754	31.11 0.99 0.00	28.62 0.89 0.00	23.09 0.81 0.00	21.92 0.75 0.00	22.06 0.75 0.00	24.80 0.87 0.00	25.13 1.08 0.00	37.50 1.59 0.00	41.29 1.68 0.00	57.23 2.23 0.00	45.42 1.59 0.00	43.46 1.26 0.00	58.71 1.41 0.00	51.84 1.57 0.00	43.95 1.56 0.00	40.95 1.64 0.00	44.38 1.81 0.00	58.17 2.51 0.00	63.70 2.92 0.00	52.86 2.18 0.00	43.19 1.70 0.00	41.50 1.61 0.00	40.61 1.36 0.00	33.81 1.08 0.00
HIGH_RIVER___SOLAR 323847	31.13 1.01 0.00	28.64 0.92 0.00	23.06 0.78 0.00	21.92 0.74 0.00	22.07 0.75 0.00	24.79 0.87 0.00	24.98 0.94 0.00	37.39 1.48 0.00	41.24 1.62 0.00	57.20 2.21 0.00	45.37 1.55 0.00	43.64 1.43 0.00	59.27 1.96 0.00	52.05 1.78 0.00	44.01 1.62 0.00	40.77 1.46 0.00	44.19 1.63 0.00	57.92 2.26 0.00	63.25 2.47 0.00	52.69 2.00 0.00	43.08 1.59 0.00	41.33 1.44 0.00	40.61 1.36 0.00	33.82 1.08 0.00

HILLBURN___GT 23639	30.75 0.63 0.00	28.33 0.60 0.00	22.85 0.57 0.00	21.70 0.52 0.00	21.84 0.53 0.00	24.58 0.65 0.00	24.91 0.86 0.00	37.16 1.25 0.00	40.87 1.25 0.00	56.55 1.56 0.00	44.89 1.06 0.00	43.05 0.85 0.00	58.30 1.00 0.00	51.40 1.13 0.00	43.55 1.16 0.00	40.56 1.25 0.00	43.91 1.34 0.00	57.53 1.87 0.00	62.88 2.10 0.00	52.05 1.37 0.00	42.54 1.05 0.00	40.89 1.00 0.00	40.08 0.82 0.00	33.39 0.66 0.00
HILLSIDE_115KV_TB1 80332	29.42 -0.70 0.00	27.15 -0.58 0.00	21.67 -0.61 0.00	20.63 -0.54 0.00	20.76 -0.55 0.00	23.44 -0.48 0.00	23.37 -0.68 0.00	35.43 -1.09 -0.60	42.95 -0.80 -4.14	60.78 -0.78 -6.56	48.18 -0.65 -5.01	41.58 -0.63 0.00	56.98 -0.61 -0.29	49.70 -0.58 0.00	42.70 -0.47 -0.77	39.24 -0.41 -0.35	42.29 -0.28 0.00	55.28 -0.38 0.00	60.22 -0.53 0.03	50.41 -0.27 0.00	41.45 -0.04 0.00	39.84 -0.05 0.00	39.31 0.06 0.00	32.91 0.18 0.00
HISHELDN_WT_PWR 323625	29.38 -0.74 0.00	27.02 -0.71 0.00	21.36 -0.92 0.00	20.30 -0.88 0.00	20.48 -0.84 0.00	22.99 -0.94 0.00	22.23 -1.82 0.00	26.99 -3.12 5.79	-2.36 -2.78 39.19	-12.16 -3.64 63.50	-6.95 -2.75 48.01	39.58 -2.62 0.00	51.24 -3.27 2.79	47.42 -2.85 0.00	32.34 -2.59 7.46	33.55 -2.34 3.41	40.29 -2.28 0.00	52.18 -3.48 0.00	56.64 -4.07 0.07	47.78 -2.90 0.00	39.41 -2.08 0.00	38.06 -1.82 0.00	37.98 -1.27 0.00	32.19 -0.54 0.00
HOLTSVILLE_IC_1 23690	31.18 1.07 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.96 0.00	25.22 1.17 0.00	37.40 1.49 0.00	41.30 1.68 0.00	57.17 2.18 0.00	45.65 1.83 0.00	43.92 1.72 0.00	59.05 1.75 0.00	52.02 1.75 0.00	39.56 1.50 4.34	41.07 1.78 0.02	44.58 2.01 0.00	58.25 2.59 0.00	63.09 2.31 0.00	52.41 1.72 0.00	42.94 1.45 0.00	41.19 1.30 0.00	40.27 1.02 0.00	33.56 0.82 0.00
HOLTSVILLE_IC_10 23699	31.30 1.19 0.00	28.72 0.99 0.00	23.28 1.00 0.00	22.10 0.93 0.00	22.10 0.79 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.54 1.63 0.00	41.47 1.86 0.00	57.44 2.45 0.00	45.89 2.07 0.00	44.15 1.94 0.00	59.34 2.04 0.00	52.27 1.99 0.00	39.76 1.67 4.30	41.26 1.97 0.02	44.79 2.23 0.00	58.58 2.92 0.00	63.38 2.60 0.00	52.67 1.98 0.00	43.18 1.69 0.00	41.39 1.51 0.00	40.46 1.21 0.00	33.69 0.96 0.00
HOLTSVILLE_IC_2 23691	31.18 1.07 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.96 0.00	25.22 1.17 0.00	37.40 1.49 0.00	41.30 1.68 0.00	57.17 2.18 0.00	45.65 1.83 0.00	43.92 1.72 0.00	59.05 1.75 0.00	52.02 1.75 0.00	39.56 1.50 4.34	41.07 1.78 0.02	44.58 2.01 0.00	58.25 2.59 0.00	63.09 2.31 0.00	52.41 1.72 0.00	42.94 1.45 0.00	41.19 1.30 0.00	40.27 1.02 0.00	33.56 0.82 0.00
HOLTSVILLE_IC_3 23692	31.18 1.07 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.96 0.00	25.22 1.17 0.00	37.40 1.49 0.00	41.30 1.68 0.00	57.17 2.18 0.00	45.65 1.83 0.00	43.92 1.72 0.00	59.05 1.75 0.00	52.02 1.75 0.00	39.56 1.50 4.34	41.07 1.78 0.02	44.58 2.01 0.00	58.25 2.59 0.00	63.09 2.31 0.00	52.41 1.72 0.00	42.94 1.45 0.00	41.19 1.30 0.00	40.27 1.02 0.00	33.56 0.82 0.00
HOLTSVILLE_IC_4 23693	31.18 1.07 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.96 0.00	25.22 1.17 0.00	37.40 1.49 0.00	41.30 1.68 0.00	57.17 2.18 0.00	45.65 1.83 0.00	43.92 1.72 0.00	59.05 1.75 0.00	52.02 1.75 0.00	39.56 1.50 4.34	41.07 1.78 0.02	44.58 2.01 0.00	58.25 2.59 0.00	63.09 2.31 0.00	52.41 1.72 0.00	42.94 1.45 0.00	41.19 1.30 0.00	40.27 1.02 0.00	33.56 0.82 0.00
HOLTSVILLE_IC_5 23694	31.18 1.07 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.96 0.00	25.22 1.17 0.00	37.40 1.49 0.00	41.30 1.68 0.00	57.17 2.18 0.00	45.65 1.83 0.00	43.92 1.72 0.00	59.05 1.75 0.00	52.02 1.75 0.00	39.56 1.50 4.34	41.07 1.78 0.02	44.58 2.01 0.00	58.25 2.59 0.00	63.09 2.31 0.00	52.41 1.72 0.00	42.94 1.45 0.00	41.19 1.30 0.00	40.27 1.02 0.00	33.56 0.82 0.00
HOLTSVILLE_IC_6 23695	31.30 1.19 0.00	28.72 0.99 0.00	23.28 1.00 0.00	22.10 0.93 0.00	22.10 0.79 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.54 1.63 0.00	41.47 1.86 0.00	57.44 2.45 0.00	45.89 2.07 0.00	44.15 1.94 0.00	59.34 2.04 0.00	52.27 1.99 0.00	39.76 1.67 4.30	41.26 1.97 0.02	44.79 2.23 0.00	58.58 2.92 0.00	63.38 2.60 0.00	52.67 1.98 0.00	43.18 1.69 0.00	41.39 1.51 0.00	40.46 1.21 0.00	33.69 0.96 0.00
HOLTSVILLE_IC_7 23696	31.30 1.19 0.00	28.72 0.99 0.00	23.28 1.00 0.00	22.10 0.93 0.00	22.10 0.79 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.54 1.63 0.00	41.47 1.86 0.00	57.44 2.45 0.00	45.89 2.07 0.00	44.15 1.94 0.00	59.34 2.04 0.00	52.27 1.99 0.00	39.76 1.67 4.30	41.26 1.97 0.02	44.79 2.23 0.00	58.58 2.92 0.00	63.38 2.60 0.00	52.67 1.98 0.00	43.18 1.69 0.00	41.39 1.51 0.00	40.46 1.21 0.00	33.69 0.96 0.00
HOLTSVILLE_IC_8 23697	31.30 1.19 0.00	28.72 0.99 0.00	23.28 1.00 0.00	22.10 0.93 0.00	22.10 0.79 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.54 1.63 0.00	41.47 1.86 0.00	57.44 2.45 0.00	45.89 2.07 0.00	44.15 1.94 0.00	59.34 2.04 0.00	52.27 1.99 0.00	39.76 1.67 4.30	41.26 1.97 0.02	44.79 2.23 0.00	58.58 2.92 0.00	63.38 2.60 0.00	52.67 1.98 0.00	43.18 1.69 0.00	41.39 1.51 0.00	40.46 1.21 0.00	33.69 0.96 0.00
HOLTSVILLE_IC_9 23698	31.30 1.19 0.00	28.72 0.99 0.00	23.28 1.00 0.00	22.10 0.93 0.00	22.10 0.79 0.00	24.98 1.05 0.00	25.32 1.28 0.00	37.54 1.63 0.00	41.47 1.86 0.00	57.44 2.45 0.00	45.89 2.07 0.00	44.15 1.94 0.00	59.34 2.04 0.00	52.27 1.99 0.00	39.76 1.67 4.30	41.26 1.97 0.02	44.79 2.23 0.00	58.58 2.92 0.00	63.38 2.60 0.00	52.67 1.98 0.00	43.18 1.69 0.00	41.39 1.51 0.00	40.46 1.21 0.00	33.69 0.96 0.00
HOMER_HL_115KV_TB2 355744	29.92 -0.20 0.00	27.56 -0.17 0.00	21.83 -0.45 0.00	20.75 -0.43 0.00	20.92 -0.39 0.00	23.63 -0.30 0.00	23.41 -0.63 0.00	34.77 -1.14 0.00	38.36 -1.26 0.00	53.85 -1.14 0.00	43.13 -0.69 0.00	41.79 -0.41 0.00	57.31 0.00 0.00	50.28 0.01 0.00	41.96 -0.43 0.00	38.49 -0.81 0.00	41.82 -0.75 0.00	54.31 -1.35 0.00	59.17 -1.53 0.08	49.58 -1.11 0.00	40.89 -0.60 0.00	39.47 -0.42 0.00	39.28 0.03 0.00	33.15 0.41 0.00
HOWARD_WT_PWR 323690	30.02 -0.09 0.00	27.64 -0.08 0.00	21.97 -0.32 0.00	20.89 -0.29 0.00	21.06 -0.25 0.00	23.61 -0.32 0.00	22.78 -1.27 0.00	37.24 -2.35 -3.67	62.36 -2.03 -24.77	91.63 -3.38 -40.02	71.21 -2.91 -30.29	39.35 -2.86 0.00	55.36 -3.70 -1.76	47.12 -3.16 0.00	44.68 -2.41 -4.70	39.23 -2.22 -2.15	40.84 -1.72 0.00	53.70 -1.97 0.00	58.72 -2.02 0.04	49.37 -1.32 0.00	40.46 -1.03 0.00	38.77 -1.12 0.00	38.65 -0.60 0.00	32.40 -0.34 0.00

HQ_GEN_CEDARS 23644	30.78 0.67 0.00	28.34 0.61 0.00	22.59 0.31 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.15 0.22 0.00	23.89 -0.16 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.37 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.47 0.00	50.48 -0.21 0.00	41.14 -0.35 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
HQ_GEN_CEDARS_PROXY 323590	30.78 0.67 0.00	28.34 0.61 0.00	22.59 0.31 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.15 0.22 0.00	23.89 -0.16 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.38 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.46 0.00	50.48 -0.21 0.00	41.14 -0.34 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
HQ_GEN_IMPORT 323601	30.38 0.26 0.00	27.97 0.24 0.00	22.41 0.12 0.00	21.28 0.11 0.00	21.41 0.10 0.00	24.03 0.10 0.00	24.53 0.06 -0.42	36.09 0.09 -0.09	40.99 0.12 -1.25	55.18 0.18 0.00	43.95 0.13 0.00	42.43 0.22 0.00	57.94 0.23 -0.41	50.37 0.15 0.06	42.44 0.05 0.00	39.31 0.00 0.00	42.61 0.04 0.00	55.75 0.08 0.00	61.48 0.17 -0.52	50.91 0.23 0.00	41.71 0.22 0.00	39.08 0.27 1.08	41.24 0.31 -1.68	33.00 0.26 0.00
HQ_GEN_WHEEL 23651	30.38 0.26 0.00	27.97 0.24 0.00	22.41 0.12 0.00	21.28 0.11 0.00	21.41 0.10 0.00	24.03 0.10 0.00	24.53 0.06 -0.42	36.09 0.09 -0.09	40.99 0.12 -1.25	55.18 0.18 0.00	43.95 0.13 0.00	42.43 0.22 0.00	57.94 0.23 -0.41	50.37 0.15 0.06	42.44 0.05 0.00	39.31 0.00 0.00	42.61 0.04 0.00	55.75 0.08 0.00	61.48 0.17 -0.52	50.91 0.23 0.00	41.71 0.22 0.00	39.08 0.27 1.08	41.24 0.31 -1.68	33.00 0.26 0.00
HUDSON_AVE_GT_3 23810	31.27 1.15 0.00	28.77 1.04 0.00	23.22 0.93 0.00	22.04 0.86 0.00	22.17 0.86 0.00	24.94 1.02 0.00	25.31 1.27 0.00	37.67 1.76 0.00	41.41 1.80 0.00	57.24 2.25 0.00	45.53 1.71 0.00	43.79 1.58 0.00	59.27 1.96 0.00	52.20 1.93 0.00	44.28 1.88 0.00	41.28 1.97 -0.01	44.62 2.05 0.00	58.25 2.59 0.00	63.61 2.83 0.00	52.72 2.03 0.00	43.09 1.60 0.00	41.47 1.58 0.00	40.60 1.35 0.00	33.85 1.11 0.00
HUDSON_AVE_GT_4 23540	31.27 1.15 0.00	28.77 1.04 0.00	23.22 0.93 0.00	22.04 0.86 0.00	22.17 0.86 0.00	24.94 1.02 0.00	25.31 1.27 0.00	37.67 1.76 0.00	41.41 1.80 0.00	57.24 2.25 0.00	45.53 1.71 0.00	43.79 1.58 0.00	59.27 1.96 0.00	52.20 1.93 0.00	44.28 1.88 0.00	41.28 1.97 -0.01	44.62 2.05 0.00	58.25 2.59 0.00	63.61 2.83 0.00	52.72 2.03 0.00	43.09 1.60 0.00	41.47 1.58 0.00	40.60 1.35 0.00	33.85 1.11 0.00
HUDSON_AVE_GT_5 23657	31.27 1.15 0.00	28.77 1.04 0.00	23.22 0.93 0.00	22.04 0.86 0.00	22.17 0.86 0.00	24.94 1.02 0.00	25.31 1.27 0.00	37.67 1.76 0.00	41.41 1.80 0.00	57.24 2.25 0.00	45.53 1.71 0.00	43.79 1.58 0.00	59.27 1.96 0.00	52.20 1.93 0.00	44.28 1.88 0.00	41.28 1.97 -0.01	44.62 2.05 0.00	58.25 2.59 0.00	63.61 2.83 0.00	52.72 2.03 0.00	43.09 1.60 0.00	41.47 1.58 0.00	40.60 1.35 0.00	33.85 1.11 0.00
HUDSON_AVE_10 24168	31.17 1.05 0.00	28.68 0.95 0.00	23.15 0.86 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.94 0.00	25.24 1.19 0.00	37.52 1.61 0.00	41.22 1.60 0.00	56.94 1.94 0.00	45.29 1.47 0.00	43.56 1.35 0.00	58.98 1.67 0.00	51.96 1.68 0.00	44.08 1.69 0.00	41.10 1.79 -0.01	44.45 1.88 0.00	58.02 2.36 0.00	63.36 2.58 0.00	52.48 1.80 0.00	42.90 1.41 0.00	41.30 1.41 0.00	40.41 1.15 0.00	33.71 0.98 0.00
HUDSON___115KV_TB 4 355613	30.91 0.80 0.00	28.44 0.72 0.00	22.97 0.69 0.00	21.83 0.65 0.00	21.98 0.67 0.00	24.71 0.79 0.00	24.98 0.93 0.00	37.46 1.55 0.00	41.28 1.66 0.00	57.21 2.22 0.00	45.67 1.85 0.00	43.58 1.37 0.00	59.47 2.17 0.00	52.12 1.85 0.00	43.73 1.33 0.00	40.69 1.38 0.00	44.03 1.46 0.00	57.91 2.25 0.00	63.44 2.65 0.00	52.74 2.05 0.00	42.98 1.50 0.00	41.17 1.29 0.00	40.37 1.11 0.00	33.51 0.78 0.00
HUNTER MOUNT___DRP 323613	31.11 0.99 0.00	28.62 0.89 0.00	23.11 0.83 0.00	21.96 0.78 0.00	22.11 0.80 0.00	24.87 0.95 0.00	25.13 1.09 0.00	37.73 1.82 0.00	41.63 2.02 0.00	57.74 2.75 0.00	46.10 2.28 0.00	43.91 1.70 0.00	60.03 2.72 0.00	52.50 2.23 0.00	44.04 1.65 0.00	40.88 1.57 0.00	44.29 1.72 0.00	58.37 2.71 0.00	63.97 3.19 0.00	53.20 2.52 0.00	43.33 1.84 0.00	41.47 1.58 0.00	40.65 1.40 0.00	33.73 0.99 0.00
HUNTINGTON_RES_REC 323705	31.14 1.02 0.00	28.58 0.86 0.00	23.15 0.87 0.00	21.98 0.80 0.00	21.96 0.65 0.00	24.79 0.86 0.00	25.10 1.05 0.00	37.24 1.33 0.00	41.12 1.50 0.00	56.93 1.93 0.00	45.42 1.60 0.00	43.69 1.48 0.00	58.74 1.43 0.00	51.79 1.52 0.00	39.41 1.31 4.29	40.95 1.66 0.02	44.38 1.81 0.00	58.07 2.41 0.00	62.91 2.13 0.00	52.26 1.57 0.00	42.83 1.34 0.00	41.07 1.19 0.00	40.16 0.91 0.00	33.49 0.75 0.00
HUNTLEY___63 23557	29.41 -0.71 0.00	27.04 -0.69 0.00	21.26 -1.03 0.00	20.23 -0.95 0.00	20.43 -0.89 0.00	22.98 -0.94 0.00	22.60 -1.45 0.00	32.39 -2.61 0.91	30.84 -2.51 6.27	41.58 -3.27 10.15	33.95 -2.21 7.67	40.49 -1.71 0.00	54.89 -1.97 0.45	48.49 -1.79 0.00	39.23 -1.98 1.19	36.35 -2.41 0.55	40.03 -2.54 0.00	51.46 -4.21 0.00	55.78 -4.91 0.09	47.16 -3.52 0.00	38.94 -2.54 0.00	37.70 -2.19 0.00	37.76 -1.49 0.00	32.09 -0.64 0.00
HUNTLEY___64 23558	29.41 -0.71 0.00	27.04 -0.69 0.00	21.26 -1.03 0.00	20.23 -0.95 0.00	20.43 -0.89 0.00	22.98 -0.94 0.00	22.60 -1.45 0.00	32.39 -2.61 0.91	30.84 -2.51 6.27	41.58 -3.27 10.15	33.95 -2.21 7.67	40.49 -1.71 0.00	54.89 -1.97 0.45	48.49 -1.79 0.00	39.23 -1.98 1.19	36.35 -2.41 0.55	40.03 -2.54 0.00	51.46 -4.21 0.00	55.78 -4.91 0.09	47.16 -3.52 0.00	38.94 -2.54 0.00	37.70 -2.19 0.00	37.76 -1.49 0.00	32.09 -0.64 0.00
HUNTLEY___65 23559	29.41 -0.71 0.00	27.04 -0.69 0.00	21.26 -1.03 0.00	20.23 -0.95 0.00	20.43 -0.89 0.00	22.98 -0.94 0.00	22.60 -1.45 0.00	32.39 -2.61 0.91	30.84 -2.51 6.27	41.58 -3.27 10.15	33.95 -2.21 7.67	40.49 -1.71 0.00	54.89 -1.97 0.45	48.49 -1.79 0.00	39.23 -1.98 1.19	36.35 -2.41 0.55	40.03 -2.54 0.00	51.46 -4.21 0.00	55.78 -4.91 0.09	47.16 -3.52 0.00	38.94 -2.54 0.00	37.70 -2.19 0.00	37.76 -1.49 0.00	32.09 -0.64 0.00
HUNTLEY___66 23560	29.41 -0.71 0.00	27.04 -0.69 0.00	21.26 -1.03 0.00	20.23 -0.95 0.00	20.43 -0.89 0.00	22.98 -0.94 0.00	22.60 -1.45 0.00	32.39 -2.61 0.91	30.84 -2.51 6.27	41.58 -3.27 10.15	33.95 -2.21 7.67	40.49 -1.71 0.00	54.89 -1.97 0.45	48.49 -1.79 0.00	39.23 -1.98 1.19	36.35 -2.41 0.55	40.03 -2.54 0.00	51.46 -4.21 0.00	55.78 -4.91 0.09	47.16 -3.52 0.00	38.94 -2.54 0.00	37.70 -2.19 0.00	37.76 -1.49 0.00	32.09 -0.64 0.00

HUNTLEY___67 23561	29.22 -0.89 0.00	26.86 -0.87 0.00	21.13 -1.15 0.00	20.09 -1.09 0.00	20.29 -1.02 0.00	22.83 -1.10 0.00	22.45 -1.60 0.00	32.21 -2.83 0.87	30.81 -2.83 5.97	41.70 -3.60 9.70	34.03 -2.46 7.34	40.19 -2.02 0.00	54.59 -2.29 0.43	48.23 -2.05 0.00	39.05 -2.21 1.14	36.17 -2.62 0.52	39.80 -2.76 0.00	51.17 -4.49 0.00	55.43 -5.25 0.10	46.86 -3.82 0.00	38.71 -2.78 0.00	37.49 -2.40 0.00	37.51 -1.75 0.00	31.88 -0.86 0.00
HUNTLEY___68 23562	29.22 -0.89 0.00	26.86 -0.87 0.00	21.13 -1.15 0.00	20.09 -1.09 0.00	20.29 -1.02 0.00	22.83 -1.10 0.00	22.45 -1.60 0.00	32.21 -2.83 0.87	30.81 -2.83 5.97	41.70 -3.60 9.70	34.03 -2.46 7.34	40.19 -2.02 0.00	54.59 -2.29 0.43	48.23 -2.05 0.00	39.05 -2.21 1.14	36.17 -2.62 0.52	39.80 -2.76 0.00	51.17 -4.49 0.00	55.43 -5.25 0.10	46.86 -3.82 0.00	38.71 -2.78 0.00	37.49 -2.40 0.00	37.51 -1.75 0.00	31.88 -0.86 0.00
HYLAND___LFG 323620	30.95 0.83 0.00	28.44 0.71 0.00	22.57 0.28 0.00	21.46 0.28 0.00	21.68 0.37 0.00	24.45 0.52 0.00	24.17 0.12 0.00	39.95 0.05 -3.99	67.11 0.58 -26.91	99.23 0.70 -43.54	77.19 0.42 -32.95	42.32 0.11 0.00	59.54 0.32 -1.91	49.69 -0.58 0.00	47.06 -0.45 -5.12	40.36 -1.29 -2.34	41.50 -1.07 0.00	53.83 -1.83 0.00	60.05 -0.71 0.02	50.67 -0.02 0.00	41.53 0.04 0.00	39.81 -0.07 0.00	40.24 0.99 0.00	34.02 1.28 0.00
INDECK___CORINTH 23802	30.83 0.72 0.00	28.37 0.64 0.00	22.87 0.58 0.00	21.72 0.54 0.00	21.86 0.55 0.00	24.60 0.67 0.00	24.83 0.79 0.00	37.47 1.56 0.00	41.58 1.97 0.00	57.73 2.73 0.00	45.97 2.14 0.00	44.17 1.96 0.00	60.11 2.81 0.00	52.78 2.51 0.00	44.62 2.22 0.00	41.22 1.91 0.00	44.51 1.94 0.00	58.44 2.78 0.00	63.71 2.92 0.00	52.88 2.19 0.00	43.11 1.62 0.00	41.30 1.41 0.00	40.55 1.30 0.00	33.61 0.88 0.00
INDECK___ILION 23567	29.95 -0.17 0.00	27.58 -0.15 0.00	22.23 -0.06 0.00	21.14 -0.03 0.00	21.28 -0.03 0.00	23.94 0.02 0.00	24.17 0.12 0.00	36.19 0.28 0.00	39.86 0.24 0.00	55.23 0.23 0.00	43.92 0.09 0.00	42.21 0.00 0.00	57.41 0.10 0.00	50.42 0.15 0.00	42.47 0.08 0.00	39.43 0.12 0.00	42.67 0.10 0.00	55.88 0.22 0.00	61.07 0.28 0.00	50.84 0.16 0.00	41.53 0.04 0.00	39.81 -0.08 0.00	39.08 -0.17 0.00	32.51 -0.23 0.00
INDECK___OLEAN 23982	29.92 -0.20 0.00	27.56 -0.17 0.00	21.83 -0.45 0.00	20.74 -0.43 0.00	20.91 -0.40 0.00	23.63 -0.30 0.00	23.41 -0.63 0.00	34.78 -1.13 0.00	38.38 -1.24 0.00	53.87 -1.12 0.00	43.23 -0.60 0.00	41.80 -0.41 0.00	57.31 0.00 0.00	50.28 0.01 0.00	41.96 -0.43 0.00	38.49 -0.81 0.00	41.82 -0.75 0.00	54.31 -1.35 0.00	59.17 -1.53 0.08	49.58 -1.11 0.00	40.90 -0.59 0.00	39.46 -0.42 0.00	39.28 0.03 0.00	33.15 0.41 0.00
INDECK___OSWEGO 23783	29.35 -0.77 0.00	26.98 -0.75 0.00	21.68 -0.60 0.00	20.62 -0.55 0.00	20.76 -0.56 0.00	23.31 -0.61 0.00	23.39 -0.65 0.00	34.90 -1.01 0.00	38.53 -1.08 0.00	53.65 -1.35 0.00	42.85 -0.98 0.00	41.24 -0.97 0.00	56.04 -1.27 0.00	49.08 -1.19 0.00	41.39 -1.01 0.00	38.39 -0.92 0.00	41.62 -0.95 0.00	54.36 -1.30 0.00	59.30 -1.48 0.00	49.52 -1.16 0.00	40.52 -0.97 0.00	38.95 -0.94 0.00	38.34 -0.91 0.00	32.01 -0.73 0.00
INDECK___YERKES 23781	29.44 -0.69 0.00	27.06 -0.67 0.00	21.28 -1.00 0.00	20.25 -0.93 0.00	20.45 -0.87 0.00	23.02 -0.91 0.00	22.62 -1.43 0.00	32.43 -2.57 0.91	30.92 -2.43 6.27	41.69 -3.16 10.15	34.11 -2.05 7.67	40.55 -1.66 0.00	54.95 -1.91 0.45	48.53 -1.74 0.00	39.28 -1.93 1.19	36.40 -2.37 0.55	40.08 -2.49 0.00	51.53 -4.14 0.00	55.85 -4.84 0.09	47.22 -3.47 0.00	38.98 -2.50 0.00	37.74 -2.15 0.00	37.81 -1.44 0.00	32.12 -0.61 0.00
INDIAN POINT_GT_1 24139	30.89 0.77 0.00	28.44 0.71 0.00	22.96 0.67 0.00	21.79 0.62 0.00	21.92 0.61 0.00	24.66 0.73 0.00	25.00 0.96 0.00	37.27 1.36 0.00	41.03 1.42 0.00	56.77 1.78 0.00	45.13 1.31 0.00	43.33 1.12 0.00	58.66 1.35 0.00	51.69 1.42 0.00	43.80 1.41 0.00	40.80 1.49 0.00	44.14 1.57 0.00	57.73 2.07 0.00	63.07 2.29 0.00	52.27 1.58 0.00	42.69 1.20 0.00	41.04 1.16 0.00	40.22 0.97 0.00	33.50 0.77 0.00
INDIAN POINT_GT_2 23659	30.89 0.77 0.00	28.44 0.71 0.00	22.96 0.67 0.00	21.79 0.62 0.00	21.92 0.61 0.00	24.66 0.73 0.00	25.00 0.96 0.00	37.27 1.36 0.00	41.03 1.42 0.00	56.77 1.78 0.00	45.13 1.31 0.00	43.33 1.12 0.00	58.66 1.35 0.00	51.69 1.42 0.00	43.80 1.41 0.00	40.80 1.49 0.00	44.14 1.57 0.00	57.73 2.07 0.00	63.07 2.29 0.00	52.27 1.58 0.00	42.69 1.20 0.00	41.04 1.16 0.00	40.22 0.97 0.00	33.50 0.77 0.00
INDIAN POINT_GT_3 24019	30.89 0.77 0.00	28.44 0.71 0.00	22.96 0.67 0.00	21.79 0.62 0.00	21.92 0.61 0.00	24.66 0.73 0.00	25.00 0.96 0.00	37.27 1.36 0.00	41.03 1.42 0.00	56.77 1.78 0.00	45.13 1.31 0.00	43.33 1.12 0.00	58.66 1.35 0.00	51.69 1.42 0.00	43.80 1.41 0.00	40.80 1.49 0.00	44.14 1.57 0.00	57.73 2.07 0.00	63.07 2.29 0.00	52.27 1.58 0.00	42.69 1.20 0.00	41.04 1.16 0.00	40.22 0.97 0.00	33.50 0.77 0.00
INDIAN POINT___2 23530	30.81 0.69 0.00	28.38 0.65 0.00	22.89 0.61 0.00	21.74 0.56 0.00	21.88 0.57 0.00	24.61 0.68 0.00	24.95 0.90 0.00	37.19 1.28 0.00	40.91 1.29 0.00	56.61 1.62 0.00	44.97 1.15 0.00	43.18 0.97 0.00	58.45 1.14 0.00	51.52 1.25 0.00	43.66 1.26 0.00	40.66 1.35 0.00	43.99 1.42 0.00	57.57 1.91 0.00	62.89 2.11 0.00	52.11 1.42 0.00	42.57 1.09 0.00	40.93 1.05 0.00	40.12 0.86 0.00	33.42 0.69 0.00
INDIAN POINT___3 23531	30.98 0.86 0.00	28.51 0.78 0.00	23.02 0.74 0.00	21.86 0.68 0.00	21.99 0.67 0.00	24.73 0.80 0.00	25.07 1.03 0.00	37.38 1.47 0.00	41.15 1.54 0.00	56.93 1.94 0.00	45.30 1.47 0.00	43.52 1.31 0.00	58.91 1.60 0.00	51.90 1.63 0.00	43.99 1.59 0.00	40.97 1.66 0.00	44.30 1.74 0.00	57.91 2.25 0.00	63.23 2.46 0.00	52.42 1.73 0.00	42.80 1.31 0.00	41.16 1.27 0.00	40.33 1.08 0.00	33.58 0.85 0.00
INGHAM_C_115KV_TB7 356103	29.64 -0.48 0.00	27.31 -0.42 0.00	22.07 -0.22 0.00	21.04 -0.14 0.00	21.15 -0.16 0.00	23.87 -0.06 0.00	24.23 0.18 0.00	36.39 0.48 0.00	40.00 0.39 0.00	55.29 0.30 0.00	43.82 -0.01 0.00	41.98 -0.22 0.00	57.23 -0.07 0.00	50.33 0.06 0.00	42.33 -0.07 0.00	39.30 0.00 0.00	42.47 -0.10 0.00	55.74 0.08 0.00	61.04 0.26 0.00	50.76 0.07 0.00	41.35 -0.14 0.00	39.50 -0.39 0.00	38.65 -0.60 0.00	32.04 -0.70 0.00
IP CORINTH___1 23988	30.99 0.87 0.00	28.51 0.78 0.00	22.98 0.70 0.00	21.83 0.66 0.00	21.98 0.67 0.00	24.73 0.80 0.00	24.97 0.92 0.00	37.67 1.76 0.00	41.80 2.18 0.00	58.04 3.05 0.00	46.23 2.40 0.00	44.40 2.19 0.00	60.43 3.12 0.00	53.07 2.80 0.00	44.86 2.46 0.00	41.44 2.13 0.00	44.74 2.17 0.00	58.75 3.09 0.00	64.02 3.24 0.00	53.17 2.48 0.00	43.33 1.84 0.00	41.51 1.62 0.00	40.78 1.53 0.00	33.80 1.07 0.00

IP___TICONDEROGA 23804	32.25 2.13 0.00	29.72 2.00 0.00	23.94 1.66 0.00	22.69 1.52 0.00	22.81 1.50 0.00	25.80 1.87 0.00	26.18 2.13 0.00	40.08 4.17 0.00	45.18 5.56 0.00	62.77 7.78 0.00	50.08 6.25 0.00	48.17 5.96 0.00	65.53 8.23 0.00	57.47 7.20 0.00	48.53 6.14 0.00	44.84 5.53 0.00	48.11 5.54 0.00	63.65 7.99 0.00	68.96 8.18 0.00	57.18 6.49 0.00	46.41 4.93 0.00	44.55 4.66 0.00	43.94 4.68 0.00	36.10 3.37 0.00
ISLIP_RES_REC 323679	31.40 1.28 0.00	28.80 1.07 0.00	23.34 1.05 0.00	22.17 0.99 0.00	22.16 0.84 0.00	25.05 1.12 0.00	25.40 1.35 0.00	37.66 1.75 0.00	41.62 2.00 0.00	57.66 2.67 0.00	46.08 2.26 0.00	44.34 2.13 0.00	59.59 2.29 0.00	52.46 2.19 0.00	39.93 1.82 4.28	41.41 2.12 0.02	44.97 2.40 0.00	58.85 3.19 0.00	63.66 2.88 0.00	52.89 2.21 0.00	43.35 1.86 0.00	41.55 1.66 0.00	40.60 1.35 0.00	33.80 1.07 0.00
JAMAICA__27_KV_LOAD 355505	31.39 1.27 0.00	28.91 1.18 0.00	23.31 1.02 0.00	22.14 0.96 0.00	22.31 1.00 0.00	25.06 1.13 0.00	25.44 1.39 0.00	37.72 1.80 0.00	41.36 1.74 0.00	57.09 2.10 0.00	45.41 1.58 0.00	43.69 1.48 0.00	59.21 1.91 0.00	52.13 1.85 0.00	44.27 1.88 0.00	41.30 1.98 0.00	44.74 2.17 0.00	58.40 2.74 0.00	63.79 3.01 0.00	52.80 2.12 0.00	43.15 1.66 0.00	41.53 1.64 0.00	40.59 1.34 0.00	33.91 1.17 0.00
JANIS___SOLAR 323808	31.17 1.05 0.00	28.68 0.95 0.00	23.01 0.72 0.00	21.88 0.70 0.00	22.07 0.76 0.00	24.88 0.95 0.00	24.99 0.94 0.00	37.63 1.37 -0.35	43.64 1.64 -2.39	60.97 2.14 -3.83	48.42 1.69 -2.91	43.59 1.38 0.00	58.76 1.28 -0.17	51.25 0.98 0.00	43.89 1.04 -0.45	40.62 1.11 -0.20	44.14 1.57 0.00	57.84 2.18 0.00	63.47 2.70 0.01	53.18 2.50 0.00	43.52 2.03 0.00	41.84 1.95 0.00	41.10 1.86 0.00	34.30 1.57 0.00
JARVIS____ 23743	30.06 -0.06 0.00	27.68 -0.05 0.00	22.28 0.00 0.00	21.18 0.00 0.00	21.31 0.00 0.00	23.93 0.00 0.00	24.07 0.02 0.00	35.95 0.04 0.00	39.64 0.03 0.00	55.02 0.02 0.00	43.84 0.01 0.00	42.19 -0.01 0.00	57.31 0.00 0.00	50.27 0.00 0.00	42.41 0.02 0.00	39.37 0.07 0.00	42.60 0.03 0.00	55.71 0.04 0.00	60.83 0.04 0.00	50.69 0.00 0.00	41.47 -0.02 0.00	39.85 -0.04 0.00	39.21 -0.04 0.00	32.70 -0.03 0.00
JENNISON___1 23625	31.22 1.10 0.00	28.72 0.99 0.00	23.07 0.79 0.00	21.95 0.77 0.00	22.12 0.81 0.00	24.93 1.00 0.00	24.92 0.87 0.00	37.26 1.15 -0.19	42.18 1.22 -1.35	58.54 1.37 -2.18	46.40 0.93 -1.65	42.76 0.55 0.00	57.75 0.35 -0.10	50.44 0.17 0.00	42.91 0.26 -0.26	39.78 0.36 -0.12	43.14 0.57 0.00	56.51 0.85 0.00	62.08 1.31 0.01	52.05 1.36 0.00	42.70 1.21 0.00	41.40 1.51 0.00	40.78 1.53 0.00	34.13 1.40 0.00
JENNISON___2 23626	31.22 1.10 0.00	28.72 0.99 0.00	23.07 0.79 0.00	21.95 0.77 0.00	22.12 0.81 0.00	24.93 1.00 0.00	24.92 0.87 0.00	37.26 1.15 -0.19	42.18 1.22 -1.35	58.54 1.37 -2.18	46.40 0.93 -1.65	42.76 0.55 0.00	57.75 0.35 -0.10	50.44 0.17 0.00	42.91 0.26 -0.26	39.78 0.36 -0.12	43.14 0.57 0.00	56.51 0.85 0.00	62.08 1.31 0.01	52.05 1.36 0.00	42.70 1.21 0.00	41.40 1.51 0.00	40.78 1.53 0.00	34.13 1.40 0.00
JERICHO_RISE_WT_PWR 323719	30.81 0.69 0.00	28.36 0.63 0.00	22.61 0.32 0.00	21.50 0.33 0.00	21.56 0.25 0.00	24.00 0.07 0.00	24.12 0.07 0.00	35.91 0.00 0.00	39.68 0.06 0.00	54.95 -0.05 0.00	43.86 0.03 0.00	42.57 0.36 0.00	57.69 0.38 0.00	50.10 -0.17 0.00	42.04 -0.35 0.00	38.86 -0.45 0.00	42.42 -0.15 0.00	55.93 0.27 0.00	61.78 1.00 0.00	51.65 0.96 0.00	42.11 0.63 0.00	40.39 0.51 0.00	39.84 0.59 0.00	33.07 0.34 0.00
KATONAH___115KV_46KV_TB4 355592	31.11 1.00 0.00	28.62 0.88 0.00	23.11 0.82 0.00	21.94 0.77 0.00	22.06 0.75 0.00	24.82 0.90 0.00	25.19 1.15 0.00	37.66 1.75 0.00	41.48 1.86 0.00	57.41 2.42 0.00	45.69 1.87 0.00	43.87 1.67 0.00	59.39 2.09 0.00	52.33 2.06 0.00	44.34 1.95 0.00	41.32 2.00 0.00	44.67 2.10 0.00	58.44 2.78 0.00	63.85 3.07 0.00	52.96 2.27 0.00	43.21 1.72 0.00	41.53 1.64 0.00	40.65 1.40 0.00	33.83 1.09 0.00
KCE_NY_1 323755	31.22 1.10 0.00	28.71 0.98 0.00	23.14 0.85 0.00	21.98 0.80 0.00	22.13 0.82 0.00	24.88 0.96 0.00	25.10 1.05 0.00	37.73 1.82 0.00	41.71 2.09 0.00	57.82 2.83 0.00	46.04 2.21 0.00	44.17 1.96 0.00	60.22 2.92 0.00	52.85 2.57 0.00	44.65 2.26 0.00	41.29 1.98 0.00	44.61 2.04 0.00	58.57 2.90 0.00	63.77 2.99 0.00	53.01 2.32 0.00	43.27 1.78 0.00	41.45 1.57 0.00	40.77 1.52 0.00	33.87 1.14 0.00
KCE_NY_6_ESR 323823	29.56 -0.55 0.00	27.16 -0.56 0.00	21.39 -0.89 0.00	20.33 -0.85 0.00	20.54 -0.78 0.00	23.09 -0.84 0.00	22.78 -1.27 0.00	32.87 -2.29 0.75	32.20 -2.24 5.18	43.90 -2.67 8.42	35.86 -1.60 6.37	40.90 -1.31 0.00	55.61 -1.32 0.37	49.06 -1.21 0.00	39.94 -1.47 0.99	36.84 -2.01 0.45	40.49 -2.08 0.00	52.15 -3.52 0.00	56.56 -4.13 0.09	47.74 -2.95 0.00	39.44 -2.05 0.00	38.13 -1.75 0.00	38.12 -1.13 0.00	32.36 -0.37 0.00
KEDC_PORT_JEFF_GT2 24210	31.30 1.18 0.00	28.72 0.99 0.00	23.27 0.99 0.00	22.10 0.92 0.00	22.10 0.78 0.00	24.97 1.04 0.00	25.32 1.27 0.00	37.52 1.61 0.00	41.46 1.84 0.00	57.42 2.42 0.00	45.85 2.03 0.00	44.12 1.91 0.00	59.30 1.99 0.00	52.24 1.96 0.00	39.72 1.64 4.31	41.24 1.95 0.02	44.76 2.19 0.00	58.52 2.86 0.00	62.98 2.19 0.00	52.34 1.66 0.00	43.14 1.65 0.00	41.36 1.48 0.00	40.43 1.18 0.00	33.69 0.95 0.00
KEDC_PORT_JEFF_GT3 24211	31.30 1.18 0.00	28.72 0.99 0.00	23.27 0.99 0.00	22.10 0.92 0.00	22.10 0.78 0.00	24.97 1.04 0.00	25.32 1.27 0.00	37.52 1.61 0.00	41.46 1.84 0.00	57.42 2.42 0.00	45.85 2.03 0.00	44.12 1.91 0.00	59.30 1.99 0.00	52.24 1.96 0.00	39.72 1.64 4.31	41.24 1.95 0.02	44.76 2.19 0.00	58.52 2.86 0.00	62.98 2.19 0.00	52.34 1.66 0.00	43.14 1.65 0.00	41.36 1.48 0.00	40.43 1.18 0.00	33.69 0.95 0.00
KEDC_GLWD_GT4 24219	31.29 1.17 0.00	28.74 1.01 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.10 0.79 0.00	24.91 0.99 0.00	25.25 1.20 0.00	37.53 1.62 0.00	41.44 1.82 0.00	57.33 2.33 0.00	45.70 1.88 0.00	43.95 1.75 0.00	59.24 1.94 0.00	52.21 1.94 0.00	42.59 1.81 1.61	41.31 2.01 0.00	44.77 2.20 0.00	58.39 2.73 0.00	63.54 2.76 0.00	52.76 2.07 0.00	43.13 1.64 0.00	41.45 1.56 0.00	40.57 1.32 0.00	33.80 1.06 0.00
KEDC_GLWD_GT5 24220	31.29 1.17 0.00	28.74 1.01 0.00	23.22 0.94 0.00	22.05 0.87 0.00	22.10 0.79 0.00	24.91 0.99 0.00	25.25 1.20 0.00	37.53 1.62 0.00	41.44 1.82 0.00	57.33 2.33 0.00	45.70 1.88 0.00	43.95 1.75 0.00	59.24 1.94 0.00	52.21 1.94 0.00	42.59 1.81 1.61	41.31 2.01 0.00	44.77 2.20 0.00	58.39 2.73 0.00	63.54 2.76 0.00	52.76 2.07 0.00	43.13 1.64 0.00	41.45 1.56 0.00	40.57 1.32 0.00	33.80 1.06 0.00

KENSICO____ 23655	31.02 0.90 0.00	28.54 0.82 0.00	23.04 0.76 0.00	21.88 0.70 0.00	22.01 0.70 0.00	24.75 0.83 0.00	25.10 1.05 0.00	37.41 1.50 0.00	41.20 1.58 0.00	56.99 2.00 0.00	45.33 1.51 0.00	43.55 1.34 0.00	58.95 1.65 0.00	51.93 1.66 0.00	44.02 1.63 0.00	41.01 1.70 0.00	44.35 1.78 0.00	57.96 2.30 0.00	63.29 2.51 0.00	52.47 1.78 0.00	42.85 1.36 0.00	41.20 1.32 0.00	40.37 1.12 0.00	33.62 0.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.13 1.01 0.00	28.65 0.92 0.00	23.11 0.82 0.00	21.94 0.76 0.00	22.08 0.77 0.00	24.83 0.90 0.00	25.15 1.10 0.00	37.54 1.63 0.00	41.36 1.74 0.00	57.33 2.34 0.00	45.49 1.67 0.00	43.50 1.29 0.00	58.87 1.57 0.00	51.94 1.67 0.00	44.00 1.61 0.00	40.96 1.65 0.00	44.37 1.80 0.00	58.25 2.59 0.00	63.77 2.99 0.00	52.93 2.25 0.00	43.24 1.75 0.00	41.53 1.64 0.00	40.65 1.40 0.00	33.84 1.10 0.00
KIAC_JFK_GT1 23816	31.21 1.09 0.00	28.74 1.02 0.00	23.19 0.90 0.00	22.03 0.85 0.00	22.19 0.88 0.00	24.90 0.97 0.00	25.20 1.15 0.00	37.36 1.45 0.00	40.97 1.35 0.00	56.52 1.53 0.00	44.96 1.13 0.00	43.26 1.05 0.00	58.64 1.34 0.00	51.64 1.37 0.00	43.87 1.48 0.00	40.91 1.60 0.00	44.30 1.73 0.00	57.82 2.16 0.00	63.16 2.38 0.00	52.26 1.57 0.00	42.73 1.24 0.00	41.11 1.23 0.00	40.18 0.93 0.00	33.63 0.90 0.00
KIAC_JFK_GT2 23817	31.21 1.09 0.00	28.74 1.02 0.00	23.19 0.90 0.00	22.03 0.85 0.00	22.19 0.88 0.00	24.90 0.97 0.00	25.20 1.15 0.00	37.36 1.45 0.00	40.97 1.35 0.00	56.52 1.53 0.00	44.96 1.13 0.00	43.26 1.05 0.00	58.64 1.34 0.00	51.64 1.37 0.00	43.87 1.48 0.00	40.91 1.60 0.00	44.30 1.73 0.00	57.82 2.16 0.00	63.16 2.38 0.00	52.26 1.57 0.00	42.73 1.24 0.00	41.11 1.23 0.00	40.18 0.93 0.00	33.63 0.90 0.00
KIAC_JFK____ 323774	31.21 1.09 0.00	28.74 1.02 0.00	23.19 0.90 0.00	22.03 0.85 0.00	22.19 0.88 0.00	24.90 0.97 0.00	25.20 1.15 0.00	37.36 1.45 0.00	40.95 1.34 0.00	56.52 1.52 0.00	44.93 1.11 0.00	43.26 1.05 0.00	58.64 1.34 0.00	51.64 1.37 0.00	43.87 1.48 0.00	40.91 1.60 0.00	44.30 1.73 0.00	57.82 2.16 0.00	63.16 2.38 0.00	52.26 1.58 0.00	42.73 1.24 0.00	41.11 1.22 0.00	40.18 0.93 0.00	33.64 0.90 0.00
KINTIGH____ 23543	29.24 -0.88 0.00	26.89 -0.84 0.00	21.23 -1.06 0.00	20.18 -1.00 0.00	20.37 -0.94 0.00	22.94 -0.99 0.00	22.63 -1.42 0.00	32.77 -2.48 0.67	32.62 -2.42 4.58	44.43 -3.13 7.44	35.99 -2.21 5.62	40.35 -1.86 0.00	54.83 -2.15 0.33	48.37 -1.91 0.00	39.47 -2.05 0.87	36.61 -2.30 0.40	40.12 -2.45 0.00	51.72 -3.94 0.00	56.26 -4.57 -0.05	47.36 -3.32 0.00	39.04 -2.45 0.00	37.76 -2.13 0.00	37.66 -1.59 0.00	31.92 -0.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.47 1.35 0.00	29.00 1.27 0.00	23.12 0.84 0.00	22.02 0.84 0.00	22.01 0.70 0.00	24.34 0.42 0.00	24.65 0.60 0.00	36.71 0.80 0.00	40.55 0.93 0.00	55.93 0.93 0.00	44.73 0.91 0.00	43.58 1.37 0.00	59.15 1.85 0.00	51.28 1.01 0.00	43.02 0.63 0.00	39.75 0.45 0.00	43.49 0.92 0.00	57.58 1.92 0.00	63.86 3.08 0.00	53.29 2.60 0.00	43.32 1.83 0.00	41.30 1.42 0.00	40.68 1.43 0.00	33.49 0.76 0.00
LACHUTE__HYDRO 323717	32.25 2.13 0.00	29.72 2.00 0.00	23.94 1.66 0.00	22.69 1.52 0.00	22.81 1.50 0.00	25.80 1.87 0.00	26.18 2.13 0.00	40.08 4.17 0.00	45.18 5.56 0.00	62.77 7.77 0.00	50.08 6.26 0.00	48.17 5.96 0.00	65.54 8.23 0.00	57.47 7.20 0.00	48.53 6.13 0.00	44.84 5.53 0.00	48.11 5.54 0.00	63.65 7.99 0.00	68.97 8.19 0.00	57.18 6.49 0.00	46.41 4.92 0.00	44.55 4.66 0.00	43.93 4.68 0.00	36.10 3.37 0.00
LAWRNCALV_115KV_TB1 80681	30.81 0.70 0.00	28.37 0.63 0.00	22.60 0.32 0.00	21.42 0.24 0.00	21.53 0.22 0.00	24.08 0.15 0.00	23.83 -0.21 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.37 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.47 0.00	50.48 -0.21 0.00	41.14 -0.35 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
LEDERLE____ 23769	30.83 0.71 0.00	28.41 0.68 0.00	22.91 0.62 0.00	21.76 0.58 0.00	21.90 0.59 0.00	24.64 0.72 0.00	24.98 0.93 0.00	37.27 1.36 0.00	41.00 1.38 0.00	56.75 1.75 0.00	45.05 1.22 0.00	43.19 0.98 0.00	58.49 1.19 0.00	51.58 1.30 0.00	43.69 1.30 0.00	40.69 1.38 0.00	44.06 1.49 0.00	57.72 2.06 0.00	63.10 2.31 0.00	52.23 1.55 0.00	42.68 1.19 0.00	41.03 1.14 0.00	40.21 0.96 0.00	33.49 0.75 0.00
LIGHTRSE_115KV_TB6 355974	29.91 -0.21 0.00	27.49 -0.24 0.00	22.03 -0.25 0.00	20.88 -0.30 0.00	20.99 -0.33 0.00	23.62 -0.31 0.00	23.63 -0.41 0.00	35.21 -0.70 0.00	38.95 -0.67 0.00	54.48 -0.52 0.00	43.57 -0.25 0.00	41.97 -0.24 0.00	56.94 -0.37 0.00	49.58 -0.69 0.00	41.79 -0.61 0.00	38.79 -0.52 0.00	42.15 -0.41 0.00	55.12 -0.54 0.00	60.17 -0.62 0.00	50.31 -0.38 0.00	41.11 -0.38 0.00	39.48 -0.41 0.00	38.91 -0.34 0.00	32.49 -0.25 0.00
LINDEN COGEN____ 23786	31.06 0.94 0.00	28.59 0.86 0.00	23.07 0.78 0.00	21.90 0.73 0.00	22.03 0.72 0.00	24.79 0.87 0.00	25.16 1.11 0.00	37.43 1.52 0.00	41.11 1.49 0.00	56.76 1.76 0.00	36.77 1.27 8.33	35.75 1.17 7.63	38.22 1.40 20.48	38.69 1.44 13.03	36.69 1.48 7.18	37.35 1.60 3.56	38.21 1.65 6.01	56.66 2.08 1.08	63.07 2.30 0.00	52.24 1.56 0.00	41.27 1.21 1.43	41.13 1.24 0.00	40.27 1.02 0.00	33.61 0.88 0.00
LINDHRST_69_KV_BK1 356055	31.46 1.34 0.00	28.87 1.14 0.00	23.37 1.09 0.00	22.17 1.00 0.00	22.19 0.88 0.00	25.00 1.07 0.00	25.34 1.30 0.00	37.62 1.71 0.00	41.60 1.99 0.00	57.51 2.51 0.00	45.91 2.09 0.00	44.12 1.91 0.00	59.35 2.05 0.00	52.30 2.02 0.00	40.45 1.78 3.72	41.36 2.06 0.01	44.87 2.30 0.00	58.57 2.91 0.00	63.64 2.86 0.00	52.87 2.18 0.00	43.27 1.78 0.00	41.57 1.68 0.00	40.72 1.47 0.00	33.93 1.20 0.00
LIPA_MISC_IPP 23656	31.19 1.07 0.00	28.61 0.88 0.00	23.21 0.92 0.00	22.05 0.87 0.00	22.05 0.74 0.00	24.95 1.02 0.00	25.31 1.27 0.00	37.52 1.60 0.00	41.46 1.84 0.00	57.39 2.40 0.00	45.86 2.03 0.00	44.09 1.88 0.00	59.25 1.95 0.00	52.16 1.89 0.00	39.63 1.57 4.33	41.13 1.84 0.02	44.70 2.13 0.00	58.43 2.78 0.00	63.20 2.42 0.00	52.50 1.81 0.00	42.98 1.50 0.00	41.22 1.33 0.00	40.30 1.05 0.00	33.56 0.82 0.00
LISF__SOLAR 323691	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.77 0.00	24.99 1.06 0.00	25.35 1.31 0.00	37.58 1.67 0.00	41.52 1.90 0.00	57.50 2.50 0.00	45.93 2.10 0.00	44.17 1.96 0.00	59.34 2.04 0.00	52.23 1.95 0.00	39.69 1.63 4.33	41.18 1.89 0.02	44.77 2.20 0.00	58.55 2.89 0.00	63.35 2.57 0.00	52.63 1.94 0.00	43.09 1.60 0.00	41.31 1.42 0.00	40.38 1.13 0.00	33.62 0.88 0.00

LITTLE FALLS___HYD 24013	29.64 -0.48 0.00	27.31 -0.42 0.00	22.07 -0.22 0.00	21.04 -0.14 0.00	21.15 -0.16 0.00	23.87 -0.06 0.00	24.23 0.18 0.00	36.39 0.48 0.00	40.00 0.39 0.00	55.29 0.30 0.00	43.82 -0.01 0.00	41.98 -0.22 0.00	57.23 -0.07 0.00	50.33 0.06 0.00	42.33 -0.07 0.00	39.30 0.00 0.00	42.47 -0.10 0.00	55.74 0.08 0.00	61.04 0.26 0.00	50.76 0.07 0.00	41.35 -0.14 0.00	39.50 -0.39 0.00	38.65 -0.60 0.00	32.04 -0.70 0.00
LITTLRIV_115KV_TB1 356100	31.23 1.11 0.00	28.77 1.04 0.00	22.91 0.63 0.00	21.71 0.53 0.00	21.84 0.52 0.00	24.43 0.50 0.00	24.33 0.28 0.00	35.63 -0.28 0.00	39.73 0.11 0.00	56.81 1.81 0.00	46.34 2.51 0.00	45.00 2.79 0.00	60.38 3.08 0.00	51.25 0.98 0.00	42.95 0.55 0.00	39.29 -0.02 0.00	42.32 -0.25 0.00	56.17 0.51 0.00	61.95 1.17 0.00	51.87 1.19 0.00	42.28 0.79 0.00	40.58 0.69 0.00	40.35 1.09 0.00	34.03 1.30 0.00
LI_NEWBRDGE___DRP 323616	31.08 0.96 0.00	28.55 0.82 0.00	23.10 0.81 0.00	21.92 0.74 0.00	21.96 0.65 0.00	24.75 0.82 0.00	25.08 1.03 0.00	37.27 1.35 0.00	41.12 1.50 0.00	56.89 1.89 0.00	45.37 1.55 0.00	43.60 1.40 0.00	58.75 1.45 0.00	51.80 1.53 0.00	39.17 1.44 4.67	40.97 1.67 0.02	44.38 1.81 0.00	57.93 2.26 0.00	63.01 2.23 0.00	52.29 1.61 0.00	42.77 1.28 0.00	41.11 1.23 0.00	40.25 1.00 0.00	33.55 0.81 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.23 -0.89 0.00	26.88 -0.85 0.00	21.13 -1.15 0.00	20.10 -1.08 0.00	20.30 -1.01 0.00	22.86 -1.07 0.00	22.42 -1.62 0.00	32.03 -2.86 1.02	29.94 -2.70 6.99	40.01 -3.73 11.26	32.65 -2.69 8.49	40.03 -2.18 0.00	54.16 -2.65 0.49	47.90 -2.37 0.00	38.57 -2.51 1.32	35.92 -2.79 0.60	39.60 -2.97 0.00	50.90 -4.76 0.00	55.22 -5.49 0.07	46.73 -3.95 0.00	38.58 -2.91 0.00	37.35 -2.54 0.00	37.42 -1.83 0.00	31.83 -0.90 0.00
LOCKPORT___CC1 323769	29.21 -0.91 0.00	26.86 -0.87 0.00	21.11 -1.17 0.00	20.09 -1.09 0.00	20.28 -1.03 0.00	22.83 -1.10 0.00	22.36 -1.68 0.00	31.76 -2.94 1.21	28.58 -2.76 8.28	37.87 -3.77 13.36	31.08 -2.67 10.08	39.93 -2.28 0.00	53.95 -2.77 0.59	47.80 -2.47 0.00	38.25 -2.58 1.57	35.78 -2.81 0.72	39.57 -3.00 0.00	50.85 -4.81 0.00	55.16 -5.55 0.07	46.68 -4.00 0.00	38.54 -2.95 0.00	37.32 -2.57 0.00	37.40 -1.85 0.00	31.81 -0.93 0.00
LOCKPORT___CC2 323770	29.21 -0.91 0.00	26.86 -0.87 0.00	21.11 -1.17 0.00	20.09 -1.09 0.00	20.28 -1.03 0.00	22.83 -1.10 0.00	22.36 -1.68 0.00	31.76 -2.94 1.21	28.58 -2.76 8.28	37.87 -3.77 13.36	31.08 -2.67 10.08	39.93 -2.28 0.00	53.95 -2.77 0.59	47.80 -2.47 0.00	38.25 -2.58 1.57	35.78 -2.81 0.72	39.57 -3.00 0.00	50.85 -4.81 0.00	55.16 -5.55 0.07	46.68 -4.00 0.00	38.54 -2.95 0.00	37.32 -2.57 0.00	37.40 -1.85 0.00	31.81 -0.93 0.00
LOCKPORT___CC3 323771	29.21 -0.91 0.00	26.86 -0.87 0.00	21.11 -1.17 0.00	20.09 -1.09 0.00	20.28 -1.03 0.00	22.83 -1.10 0.00	22.36 -1.68 0.00	31.76 -2.94 1.21	28.58 -2.76 8.28	37.87 -3.77 13.36	31.08 -2.67 10.08	39.93 -2.28 0.00	53.95 -2.77 0.59	47.80 -2.47 0.00	38.25 -2.58 1.57	35.78 -2.81 0.72	39.57 -3.00 0.00	50.85 -4.81 0.00	55.16 -5.55 0.07	46.68 -4.00 0.00	38.54 -2.95 0.00	37.32 -2.57 0.00	37.40 -1.85 0.00	31.81 -0.93 0.00
LONG_LAKE_PHOENIX 24014	29.44 -0.67 0.00	27.07 -0.66 0.00	21.75 -0.53 0.00	20.69 -0.49 0.00	20.84 -0.47 0.00	23.41 -0.52 0.00	23.50 -0.55 0.00	35.09 -0.82 0.00	38.75 -0.87 0.00	53.92 -1.07 0.00	43.04 -0.78 0.00	41.46 -0.74 0.00	56.34 -0.97 0.00	49.40 -0.87 0.00	41.66 -0.74 0.00	38.64 -0.67 0.00	41.87 -0.70 0.00	54.66 -1.00 0.00	59.63 -1.15 0.00	49.79 -0.89 0.00	40.76 -0.73 0.00	39.17 -0.72 0.00	38.54 -0.71 0.00	32.18 -0.56 0.00
LOVETT___3 23632	30.68 0.56 0.00	28.27 0.55 0.00	22.80 0.52 0.00	21.65 0.48 0.00	21.80 0.49 0.00	24.52 0.60 0.00	24.85 0.80 0.00	37.06 1.15 0.00	40.76 1.15 0.00	56.40 1.41 0.00	44.77 0.95 0.00	42.93 0.73 0.00	58.14 0.83 0.00	51.26 0.99 0.00	43.42 1.03 0.00	40.43 1.13 0.00	43.78 1.21 0.00	57.34 1.68 0.00	62.69 1.91 0.00	51.90 1.21 0.00	42.41 0.92 0.00	40.77 0.88 0.00	39.97 0.72 0.00	33.30 0.57 0.00
LOVETT___4 23642	30.68 0.56 0.00	28.27 0.55 0.00	22.80 0.52 0.00	21.65 0.48 0.00	21.80 0.49 0.00	24.52 0.60 0.00	24.85 0.80 0.00	37.06 1.15 0.00	40.76 1.15 0.00	56.40 1.41 0.00	44.77 0.95 0.00	42.93 0.73 0.00	58.14 0.83 0.00	51.26 0.99 0.00	43.42 1.03 0.00	40.43 1.13 0.00	43.78 1.21 0.00	57.34 1.68 0.00	62.69 1.91 0.00	51.90 1.21 0.00	42.41 0.92 0.00	40.77 0.88 0.00	39.97 0.72 0.00	33.30 0.57 0.00
LOVETT___5 23593	30.68 0.56 0.00	28.27 0.55 0.00	22.80 0.52 0.00	21.65 0.48 0.00	21.80 0.49 0.00	24.52 0.60 0.00	24.85 0.80 0.00	37.06 1.15 0.00	40.76 1.15 0.00	56.40 1.41 0.00	44.77 0.95 0.00	42.93 0.73 0.00	58.14 0.83 0.00	51.26 0.99 0.00	43.42 1.03 0.00	40.43 1.13 0.00	43.78 1.21 0.00	57.34 1.68 0.00	62.69 1.91 0.00	51.90 1.21 0.00	42.41 0.92 0.00	40.77 0.88 0.00	39.97 0.72 0.00	33.30 0.57 0.00
LOWER RAQUET___HYD 24057	30.82 0.70 0.00	28.38 0.65 0.00	22.61 0.33 0.00	21.42 0.24 0.00	21.53 0.22 0.00	24.05 0.12 0.00	23.81 -0.23 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.38 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.46 0.00	50.48 -0.21 0.00	41.14 -0.34 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
LOWER___HUDSON 24059	30.88 0.76 0.00	28.43 0.70 0.00	22.94 0.65 0.00	21.79 0.62 0.00	21.94 0.63 0.00	24.64 0.71 0.00	24.84 0.80 0.00	37.25 1.35 0.00	41.05 1.43 0.00	56.91 1.92 0.00	45.35 1.52 0.00	43.53 1.33 0.00	59.25 1.94 0.00	52.03 1.76 0.00	43.97 1.58 0.00	40.71 1.40 0.00	43.90 1.33 0.00	57.53 1.86 0.00	62.74 1.95 0.00	52.09 1.41 0.00	42.51 1.02 0.00	40.81 0.92 0.00	40.12 0.86 0.00	33.35 0.62 0.00
LOWVILLE_115KV_TB2 356335	30.79 0.67 0.00	28.32 0.59 0.00	22.74 0.45 0.00	21.38 0.20 0.00	21.47 0.16 0.00	24.21 0.28 0.00	24.07 0.02 0.00	35.74 -0.17 0.00	39.57 -0.05 0.00	55.76 0.76 0.00	44.74 0.92 0.00	43.13 0.92 0.00	58.10 0.80 0.00	50.10 -0.17 0.00	42.10 -0.30 0.00	39.07 -0.24 0.00	42.53 -0.04 0.00	56.10 0.44 0.00	61.44 0.66 0.00	51.41 0.72 0.00	41.96 0.47 0.00	39.94 0.06 0.00	39.55 0.30 0.00	33.06 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.20 1.08 0.00	28.71 0.98 0.00	23.14 0.86 0.00	21.98 0.81 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.11 1.06 0.00	37.71 1.80 0.00	41.66 2.04 0.00	57.80 2.80 0.00	46.03 2.21 0.00	44.18 1.97 0.00	60.17 2.87 0.00	52.84 2.56 0.00	44.64 2.25 0.00	41.28 1.97 0.00	44.61 2.05 0.00	58.51 2.85 0.00	63.76 2.97 0.00	52.99 2.31 0.00	43.25 1.77 0.00	41.46 1.56 0.00	40.75 1.49 0.00	33.85 1.12 0.00

LUTHERNY_35_KV_BK2 355980	31.22 1.10 0.00	28.72 0.98 0.00	23.14 0.85 0.00	21.98 0.80 0.00	22.13 0.82 0.00	24.88 0.96 0.00	25.10 1.05 0.00	37.73 1.82 0.00	41.71 2.09 0.00	57.82 2.83 0.00	46.04 2.22 0.00	44.17 1.96 0.00	60.23 2.92 0.00	52.85 2.57 0.00	44.65 2.26 0.00	41.29 1.98 0.00	44.60 2.04 0.00	58.57 2.91 0.00	63.78 2.99 0.00	53.00 2.32 0.00	43.26 1.78 0.00	41.45 1.57 0.00	40.77 1.52 0.00	33.87 1.14 0.00
LWR___OSWEGATCHIE_HYD 23850	30.83 0.71 0.00	28.36 0.63 0.00	22.67 0.39 0.00	21.40 0.22 0.00	21.50 0.19 0.00	24.13 0.20 0.00	23.94 -0.11 0.00	35.21 -0.70 0.00	39.13 -0.49 0.00	55.62 0.62 0.00	45.06 1.24 0.00	43.60 1.39 0.00	58.68 1.38 0.00	50.04 -0.23 0.00	41.99 -0.40 0.00	38.71 -0.60 0.00	41.93 -0.63 0.00	55.43 -0.23 0.00	60.90 0.12 0.00	50.96 0.27 0.00	41.54 0.05 0.00	39.75 -0.14 0.00	39.49 0.24 0.00	33.20 0.46 0.00
LYONS_FALL_HYD 23570	30.72 0.60 0.00	28.26 0.53 0.00	22.70 0.41 0.00	21.43 0.25 0.00	21.55 0.23 0.00	24.27 0.35 0.00	24.26 0.21 0.00	36.12 0.20 0.00	39.97 0.36 0.00	56.03 1.03 0.00	44.86 1.03 0.00	43.23 1.02 0.00	58.39 1.08 0.00	50.69 0.42 0.00	42.64 0.25 0.00	39.56 0.26 0.00	43.00 0.43 0.00	56.53 0.86 0.00	61.84 1.06 0.00	51.65 0.97 0.00	42.19 0.71 0.00	40.28 0.40 0.00	39.78 0.53 0.00	33.19 0.46 0.00
MADISON___COUNTY_LFGE 323628	30.63 0.51 0.00	28.18 0.46 0.00	22.64 0.35 0.00	21.51 0.34 0.00	21.66 0.35 0.00	24.41 0.49 0.00	24.57 0.52 0.00	36.74 0.83 0.00	40.65 1.03 0.00	56.58 1.58 0.00	45.16 1.33 0.00	43.49 1.28 0.00	58.95 1.64 0.00	51.66 1.39 0.00	43.53 1.14 0.00	40.39 1.08 0.00	43.81 1.24 0.00	57.24 1.58 0.00	62.49 1.71 0.00	52.09 1.40 0.00	42.60 1.11 0.00	40.85 0.96 0.00	40.19 0.94 0.00	33.49 0.75 0.00
MALONE___115KV_TB1 356076	31.13 1.01 0.00	28.63 0.91 0.00	22.80 0.52 0.00	21.68 0.50 0.00	21.75 0.44 0.00	24.24 0.31 0.00	24.29 0.25 0.00	36.03 0.12 0.00	39.94 0.33 0.00	55.82 0.83 0.00	44.79 0.97 0.00	43.50 1.29 0.00	58.84 1.53 0.00	50.79 0.51 0.00	42.60 0.20 0.00	39.26 -0.05 0.00	42.73 0.17 0.00	56.43 0.77 0.00	62.29 1.51 0.00	52.06 1.38 0.00	42.47 0.97 0.00	40.72 0.83 0.00	40.23 0.98 0.00	33.51 0.77 0.00
MAPLEWOD_115KV_TB3 80458	30.70 0.58 0.00	28.27 0.54 0.00	22.81 0.53 0.00	21.68 0.51 0.00	21.82 0.51 0.00	24.52 0.59 0.00	24.76 0.71 0.00	37.08 1.17 0.00	40.81 1.19 0.00	56.59 1.59 0.00	45.11 1.28 0.00	43.31 1.10 0.00	58.92 1.62 0.00	51.75 1.48 0.00	43.76 1.36 0.00	40.55 1.24 0.00	43.78 1.21 0.00	57.35 1.69 0.00	62.57 1.79 0.00	51.98 1.29 0.00	42.42 0.93 0.00	40.67 0.79 0.00	39.94 0.69 0.00	33.19 0.46 0.00
MAPLE_RIDGE_WT_1 323574	30.14 0.02 0.00	27.75 0.03 0.00	22.24 -0.05 0.00	20.98 -0.20 0.00	21.06 -0.25 0.00	23.67 -0.25 0.00	23.65 -0.39 0.00	35.20 -0.72 0.00	38.78 -0.83 0.00	54.10 -0.90 0.00	43.03 -0.79 0.00	41.42 -0.79 0.00	55.88 -1.42 0.00	48.97 -1.31 0.00	41.01 -1.38 0.00	37.96 -1.34 0.00	41.42 -1.15 0.00	54.47 -1.20 0.00	59.88 -0.90 0.00	50.06 -0.62 0.00	41.02 -0.47 0.00	39.33 -0.56 0.00	38.84 -0.41 0.00	32.47 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	30.14 0.02 0.00	27.75 0.03 0.00	22.24 -0.05 0.00	20.98 -0.20 0.00	21.06 -0.25 0.00	23.67 -0.25 0.00	23.65 -0.39 0.00	35.20 -0.72 0.00	38.78 -0.83 0.00	54.10 -0.90 0.00	43.03 -0.79 0.00	41.42 -0.79 0.00	55.88 -1.42 0.00	48.97 -1.31 0.00	41.01 -1.38 0.00	37.96 -1.34 0.00	41.42 -1.15 0.00	54.47 -1.20 0.00	59.88 -0.90 0.00	50.06 -0.62 0.00	41.02 -0.47 0.00	39.33 -0.56 0.00	38.84 -0.41 0.00	32.47 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	30.92 0.80 0.00	28.48 0.75 0.00	22.71 0.42 0.00	21.61 0.43 0.00	21.65 0.34 0.00	24.04 0.11 0.00	24.22 0.17 0.00	36.07 0.16 0.00	39.83 0.21 0.00	55.01 0.02 0.00	43.94 0.11 0.00	42.66 0.45 0.00	57.89 0.58 0.00	50.27 0.00 0.00	42.21 -0.18 0.00	39.02 -0.28 0.00	42.63 0.06 0.00	56.27 0.61 0.00	62.25 1.47 0.00	51.99 1.30 0.00	42.33 0.84 0.00	40.50 0.61 0.00	39.91 0.66 0.00	33.03 0.29 0.00
MARSHVLE_115KV_TB1 80742	31.82 1.70 0.00	29.31 1.58 0.00	23.47 1.18 0.00	22.32 1.14 0.00	22.48 1.17 0.00	25.30 1.37 0.00	25.40 1.35 0.00	37.89 1.98 0.00	41.81 2.19 0.00	58.19 3.20 0.00	46.21 2.39 0.00	44.67 2.46 0.00	60.50 3.20 0.00	53.05 2.77 0.00	44.58 2.18 0.00	41.37 2.06 0.00	44.99 2.43 0.00	58.90 3.24 0.00	64.42 3.65 0.00	53.88 3.20 0.00	44.18 2.69 0.00	42.37 2.48 0.00	41.67 2.42 0.00	34.80 2.07 0.00
MARSH_HILL_WT_PWR 323713	29.98 -0.13 0.00	27.61 -0.12 0.00	21.94 -0.34 0.00	20.86 -0.32 0.00	21.03 -0.28 0.00	23.57 -0.36 0.00	22.71 -1.34 0.00	37.46 -2.44 -3.99	64.48 -2.09 -26.94	95.14 -3.39 -43.54	73.85 -2.93 -32.96	39.35 -2.87 0.00	55.52 -3.70 -1.91	47.11 -3.16 0.00	45.04 -2.47 -5.12	39.41 -2.24 -2.34	40.79 -1.78 0.00	53.63 -2.03 0.00	58.63 -2.11 0.04	49.29 -1.40 0.00	40.41 -1.08 0.00	38.71 -1.18 0.00	38.61 -0.65 0.00	32.37 -0.37 0.00
MCINTYRE_115KV_TB2 80467	31.41 1.30 0.00	28.96 1.23 0.00	23.05 0.77 0.00	21.84 0.66 0.00	21.99 0.68 0.00	24.63 0.70 0.00	24.70 0.65 0.00	36.31 0.40 0.00	40.53 0.91 0.00	57.88 2.88 0.00	47.19 3.37 0.00	45.86 3.66 0.00	61.44 4.13 0.00	52.24 1.97 0.00	43.76 1.37 0.00	40.04 0.73 0.00	43.11 0.54 0.00	57.30 1.64 0.00	63.22 2.44 0.00	52.98 2.30 0.00	43.18 1.70 0.00	41.40 1.51 0.00	41.08 1.83 0.00	34.61 1.87 0.00
MECO_____69_KV_BK1 80468	31.96 1.84 0.00	29.42 1.69 0.00	23.61 1.32 0.00	22.44 1.27 0.00	22.62 1.30 0.00	25.45 1.52 0.00	25.65 1.60 0.00	38.38 2.47 0.00	42.38 2.76 0.00	58.92 3.93 0.00	46.75 2.93 0.00	44.94 2.73 0.00	61.05 3.75 0.00	53.73 3.46 0.00	45.24 2.84 0.00	41.92 2.61 0.00	45.55 2.98 0.00	59.78 4.12 0.00	65.33 4.55 0.00	54.51 3.83 0.00	44.60 3.11 0.00	42.70 2.81 0.00	41.91 2.66 0.00	34.90 2.17 0.00
MENANDS___115KV_TB5 355628	30.52 0.40 0.00	28.11 0.38 0.00	22.70 0.41 0.00	21.58 0.40 0.00	21.71 0.40 0.00	24.39 0.46 0.00	24.63 0.58 0.00	36.88 0.97 0.00	40.56 0.94 0.00	56.23 1.23 0.00	44.81 0.99 0.00	43.03 0.82 0.00	58.54 1.23 0.00	51.41 1.13 0.00	43.46 1.07 0.00	40.29 0.98 0.00	43.49 0.92 0.00	56.98 1.32 0.00	62.16 1.38 0.00	51.63 0.95 0.00	42.14 0.65 0.00	40.41 0.52 0.00	39.69 0.44 0.00	32.98 0.25 0.00
MG INDUSTRY___DRP 24185	30.59 0.47 0.00	28.17 0.44 0.00	22.75 0.47 0.00	21.64 0.46 0.00	21.78 0.47 0.00	24.45 0.53 0.00	24.66 0.61 0.00	36.90 0.98 0.00	40.59 0.98 0.00	56.24 1.24 0.00	44.82 0.99 0.00	43.00 0.79 0.00	58.53 1.23 0.00	51.33 1.05 0.00	43.33 0.94 0.00	40.11 0.80 0.00	43.45 0.88 0.00	56.92 1.26 0.00	62.15 1.37 0.00	51.70 1.01 0.00	42.20 0.71 0.00	40.51 0.63 0.00	39.81 0.56 0.00	33.13 0.39 0.00

MORRIS_RIDGE___SOLAR 323848	29.54 -0.58 0.00	27.20 -0.53 0.00	21.59 -0.69 0.00	20.54 -0.64 0.00	20.70 -0.62 0.00	23.25 -0.68 0.00	22.65 -1.40 0.00	25.24 -2.45 8.22	-18.16 -2.17 55.61	-38.01 -2.90 90.11	-26.66 -2.36 68.13	39.87 -2.33 0.01	50.39 -2.95 3.96	47.70 -2.57 0.01	29.59 -2.22 10.59	32.45 -2.02 4.84	40.77 -1.80 0.00	53.20 -2.47 0.00	57.84 -2.89 0.05	48.70 -1.98 0.00	40.12 -1.37 0.00	38.61 -1.28 0.00	38.39 -0.87 0.00	32.38 -0.35 0.00
MORTIMER_115KV_TB3 55949	29.90 -0.22 0.00	27.49 -0.24 0.00	21.81 -0.47 0.00	20.74 -0.44 0.00	20.93 -0.38 0.00	23.58 -0.34 0.00	23.44 -0.61 0.00	34.70 -1.08 0.13	37.47 -0.89 1.26	51.90 -1.06 2.04	41.67 -0.62 1.53	41.78 -0.43 0.00	56.88 -0.34 0.09	49.93 -0.34 0.00	41.52 -0.64 0.24	38.34 -0.86 0.11	41.66 -0.91 0.00	54.01 -1.65 0.00	58.87 -1.92 -0.01	49.44 -1.25 0.00	40.62 -0.87 0.00	39.13 -0.76 0.00	38.83 -0.43 0.00	32.70 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.20 1.08 0.00	28.71 0.98 0.00	23.17 0.89 0.00	22.00 0.82 0.00	22.13 0.82 0.00	24.90 0.97 0.00	25.26 1.21 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.15 2.15 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.79 0.00	41.19 1.87 -0.01	44.51 1.94 0.00	58.11 2.45 0.00	63.46 2.68 0.00	52.62 1.93 0.00	43.00 1.51 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.77 1.04 0.00
MUNSVILLE_WIND_PWR 323609	32.09 1.97 0.00	29.52 1.79 0.00	23.70 1.41 0.00	22.55 1.37 0.00	22.77 1.46 0.00	25.70 1.77 0.00	25.81 1.77 0.00	38.78 2.60 -0.27	44.50 3.02 -1.87	61.90 3.90 -3.00	49.06 2.96 -2.28	44.70 2.49 0.00	59.75 2.31 -0.13	52.13 1.86 0.00	44.59 1.85 -0.35	41.25 1.78 -0.16	44.86 2.29 0.00	58.96 3.30 0.00	64.97 4.20 0.01	54.60 3.92 0.00	44.71 3.23 0.00	43.05 3.16 0.00	42.27 3.02 0.00	35.26 2.53 0.00
N SALMON___HYD 24042	31.13 1.01 0.00	28.63 0.91 0.00	22.81 0.52 0.00	21.68 0.50 0.00	21.75 0.44 0.00	24.24 0.31 0.00	24.29 0.25 0.00	36.04 0.12 0.00	39.94 0.33 0.00	55.82 0.83 0.00	44.79 0.97 0.00	43.50 1.29 0.00	58.84 1.53 0.00	50.79 0.51 0.00	42.60 0.20 0.00	39.25 -0.06 0.00	42.74 0.17 0.00	56.43 0.77 0.00	62.29 1.51 0.00	52.06 1.38 0.00	42.47 0.98 0.00	40.72 0.83 0.00	40.23 0.98 0.00	33.51 0.77 0.00
N.AKRON__115KV_KNAPP 355671	29.65 -0.47 0.00	27.26 -0.47 0.00	21.46 -0.82 0.00	20.42 -0.76 0.00	20.63 -0.69 0.00	23.26 -0.67 0.00	22.88 -1.16 0.00	32.92 -2.07 0.92	31.49 -1.81 6.31	42.36 -2.46 10.17	34.43 -1.73 7.67	40.97 -1.24 0.00	55.39 -1.47 0.45	48.90 -1.38 0.00	39.51 -1.69 1.19	36.76 -2.00 0.55	40.44 -2.13 0.00	52.13 -3.54 0.00	56.67 -4.05 0.06	47.91 -2.77 0.00	39.51 -1.98 0.00	38.17 -1.71 0.00	38.17 -1.08 0.00	32.39 -0.35 0.00
N.BELMOR_69_KV_BK1 55787	31.27 1.15 0.00	28.71 0.99 0.00	23.22 0.93 0.00	22.03 0.85 0.00	22.07 0.76 0.00	24.88 0.95 0.00	25.21 1.16 0.00	37.45 1.54 0.00	41.35 1.73 0.00	57.11 2.12 0.00	45.56 1.74 0.00	43.78 1.57 0.00	58.93 1.62 0.00	51.93 1.66 0.00	41.61 1.56 2.34	41.12 1.82 0.01	44.63 2.06 0.00	58.05 2.39 0.00	63.19 2.41 0.00	52.56 1.87 0.00	42.97 1.48 0.00	41.37 1.48 0.00	40.53 1.27 0.00	33.76 1.02 0.00
N.E_GEN_SANDY PD 24062	30.81 0.69 0.00	28.37 0.65 0.00	27.68 0.63 -4.76	23.26 0.60 -1.48	23.74 0.60 -1.83	40.02 0.69 -15.41	36.59 0.82 -11.72	39.23 1.32 -2.00	51.12 1.34 -10.17	70.00 1.72 -13.29	66.67 1.33 -21.51	74.97 1.17 -31.59	113.18 1.64 -54.23	117.59 1.59 -65.73	89.23 1.48 -45.36	72.12 1.43 -31.38	46.72 1.35 -2.81	58.03 1.85 -0.51	62.79 1.99 -0.02	49.69 1.38 2.37	42.46 0.97 0.00	39.66 0.85 1.08	40.69 0.75 -0.69	33.26 0.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.74 0.62 0.00	28.33 0.60 0.00	22.84 0.56 0.00	21.70 0.52 0.00	21.83 0.52 0.00	24.56 0.63 0.00	24.89 0.84 0.00	37.13 1.22 0.00	40.84 1.22 0.00	56.51 1.52 0.00	44.86 1.03 0.00	43.02 0.81 0.00	58.25 0.95 0.00	51.37 1.10 0.00	43.51 1.12 0.00	40.52 1.22 0.00	43.88 1.31 0.00	57.48 1.82 0.00	62.82 2.04 0.00	52.00 1.32 0.00	42.50 1.01 0.00	40.86 0.97 0.00	40.05 0.80 0.00	33.37 0.64 0.00
N.QUEENS_27_KV_LOAD 356247	31.19 1.07 0.00	28.70 0.97 0.00	23.20 0.91 0.00	22.01 0.83 0.00	22.13 0.82 0.00	24.88 0.95 0.00	25.25 1.21 0.00	37.52 1.61 0.01	41.29 1.68 0.00	57.05 2.05 0.00	45.45 1.63 0.00	43.74 1.53 0.00	59.15 1.84 0.00	52.18 1.90 0.00	44.22 1.83 0.00	41.24 1.93 0.00	44.54 1.97 0.00	58.26 2.60 0.00	63.60 2.82 0.00	52.69 2.00 0.00	43.02 1.53 0.00	41.51 1.61 0.00	40.53 1.27 0.00	33.79 1.06 0.00
N.TROY___115KV_TB1 355778	30.88 0.76 0.00	28.43 0.70 0.00	22.94 0.65 0.00	21.80 0.62 0.00	21.94 0.63 0.00	24.64 0.71 0.00	24.84 0.80 0.00	37.26 1.35 0.00	41.05 1.43 0.00	56.91 1.92 0.00	45.35 1.53 0.00	43.53 1.33 0.00	59.25 1.94 0.00	52.03 1.76 0.00	43.97 1.57 0.00	40.70 1.40 0.00	43.90 1.33 0.00	57.53 1.86 0.00	62.74 1.96 0.00	52.09 1.41 0.00	42.51 1.02 0.00	40.81 0.92 0.00	40.12 0.87 0.00	33.35 0.62 0.00
NARROWS_GT1_1 24228	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_2 24229	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_3 24230	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_4 24231	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00

NARROWS_GT1_5 24232	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_6 24233	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_7 24234	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT1_8 24235	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_1 24236	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_2 24237	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_3 24238	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_4 24239	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_5 24240	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_6 24241	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_7 24242	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NARROWS_GT2_8 24243	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.33 2.34 0.00	45.55 1.72 0.00	43.85 1.64 0.00	59.34 2.04 0.00	52.32 2.04 0.00	44.33 1.94 0.00	41.32 2.02 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.14 0.00	43.15 1.66 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.11 0.99 0.00	28.62 0.89 0.00	23.11 0.83 0.00	21.96 0.78 0.00	22.11 0.80 0.00	24.87 0.95 0.00	25.13 1.09 0.00	37.73 1.82 0.00	41.63 2.02 0.00	57.74 2.75 0.00	46.10 2.28 0.00	43.91 1.70 0.00	60.03 2.72 0.00	52.50 2.23 0.00	44.04 1.65 0.00	40.88 1.57 0.00	44.29 1.72 0.00	58.37 2.71 0.00	63.97 3.19 0.00	53.20 2.52 0.00	43.33 1.84 0.00	41.47 1.58 0.00	40.65 1.40 0.00	33.73 0.99 0.00
NCHELSEA_115KV_TR2 355582	31.11 0.99 0.00	28.63 0.90 0.00	23.11 0.82 0.00	21.94 0.76 0.00	22.07 0.76 0.00	24.83 0.90 0.00	25.17 1.12 0.00	37.59 1.67 0.00	41.39 1.77 0.00	57.32 2.33 0.00	45.58 1.76 0.00	43.71 1.50 0.00	59.20 1.90 0.00	52.21 1.94 0.00	44.22 1.83 0.00	41.16 1.85 0.00	44.55 1.98 0.00	58.31 2.65 0.00	63.73 2.95 0.00	52.85 2.16 0.00	43.14 1.65 0.00	41.43 1.54 0.00	40.57 1.32 0.00	33.77 1.03 0.00
NEG CAPITAL___MECHNVIL 23645	31.20 1.08 0.00	28.70 0.97 0.00	23.14 0.86 0.00	21.99 0.81 0.00	22.14 0.82 0.00	24.89 0.96 0.00	25.11 1.06 0.00	37.71 1.80 0.00	41.65 2.03 0.00	57.79 2.79 0.00	46.04 2.21 0.00	44.20 1.99 0.00	60.18 2.87 0.00	52.85 2.58 0.00	44.63 2.23 0.00	41.28 1.97 0.00	44.66 2.09 0.00	58.50 2.83 0.00	63.78 3.00 0.00	53.01 2.33 0.00	43.25 1.76 0.00	41.47 1.58 0.00	40.73 1.48 0.00	33.84 1.11 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.91 -0.21 0.00	27.51 -0.22 0.00	21.87 -0.41 0.00	20.81 -0.37 0.00	20.99 -0.32 0.00	23.65 -0.28 0.00	23.57 -0.48 0.00	35.08 -0.83 0.00	38.98 -0.64 0.00	54.28 -0.71 0.00	43.51 -0.31 0.00	41.93 -0.27 0.00	57.18 -0.13 0.00	50.10 -0.17 0.00	41.98 -0.41 0.00	38.69 -0.61 0.00	41.94 -0.63 0.00	54.48 -1.18 0.00	59.42 -1.38 -0.01	49.82 -0.86 0.00	40.89 -0.60 0.00	39.35 -0.54 0.00	38.99 -0.26 0.00	32.78 0.04 0.00
NEG CENTRAL___DRP 24199	30.03 -0.09 0.00	27.64 -0.09 0.00	22.10 -0.18 0.00	21.03 -0.15 0.00	21.20 -0.11 0.00	23.86 -0.07 0.00	23.85 -0.19 0.00	35.95 -0.33 -0.36	41.82 -0.23 -2.43	58.81 -0.09 -3.91	46.81 0.02 -2.97	42.26 0.05 0.00	57.45 -0.03 -0.17	50.30 0.02 0.00	42.88 0.03 -0.46	39.49 -0.03 -0.21	42.57 0.01 0.00	55.59 -0.07 0.00	60.69 -0.09 0.00	50.77 0.08 0.00	41.60 0.11 0.00	39.96 0.07 0.00	39.42 0.16 0.00	32.98 0.25 0.00
NEG CENTRAL___INDECK 23768	30.65 0.53 0.00	28.18 0.45 0.00	22.36 0.07 0.00	21.27 0.09 0.00	21.47 0.16 0.00	24.20 0.27 0.00	23.89 -0.16 0.00	39.51 -0.41 -4.01	66.69 0.03 -27.04	98.78 0.04 -43.75	76.94 0.02 -33.10	42.09 -0.11 0.00	59.26 0.03 -1.92	49.82 -0.45 0.00	46.96 -0.58 -5.14	40.43 -1.23 -2.35	41.25 -1.32 0.00	53.57 -2.09 0.00	59.10 -1.66 0.02	49.79 -0.90 0.00	40.82 -0.67 0.00	39.19 -0.70 0.00	39.67 0.42 0.00	33.61 0.87 0.00
NEG CENTRAL___SENECA 23627	30.21 0.09 0.00	27.80 0.07 0.00	22.19 -0.10 0.00	21.11 -0.07 0.00	21.29 -0.02 0.00	23.99 0.06 0.00	23.92 -0.13 0.00	36.25 -0.25 -0.59	43.47 -0.12 -3.97	61.53 0.16 -6.38	48.88 0.22 -4.84	42.50 0.29 0.00	57.77 0.18 -0.28	50.52 0.25 0.00	43.37 0.22 -0.75	39.76 0.11 -0.34	42.76 0.19 0.00	55.79 0.13 0.00	61.01 0.23 0.00	51.07 0.39 0.00	41.89 0.40 0.00	40.20 0.31 0.00	39.72 0.47 0.00	33.27 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	29.94 -0.18 0.00	27.56 -0.17 0.00	22.11 -0.17 0.00	21.03 -0.14 0.00	21.20 -0.12 0.00	23.82 -0.11 0.00	23.88 -0.17 0.00	35.63 -0.28 0.00	39.39 -0.22 0.00	54.82 -0.17 0.00	43.76 -0.07 0.00	42.13 -0.07 0.00	57.22 -0.09 0.00	50.17 -0.11 0.00	42.34 -0.05 0.00	39.24 -0.07 0.00	42.54 -0.03 0.00	55.55 -0.11 0.00	60.60 -0.19 0.00	50.61 -0.08 0.00	41.43 -0.06 0.00	39.82 -0.07 0.00	39.21 -0.04 0.00	32.75 0.02 0.00
NEG MILLWOOD___DRP 24198	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	22.00 0.83 0.00	22.13 0.81 0.00	24.90 0.97 0.00	25.26 1.21 0.00	37.72 1.81 0.00	41.54 1.92 0.00	57.45 2.46 0.00	45.71 1.88 0.00	43.89 1.69 0.00	59.42 2.11 0.00	52.36 2.09 0.00	44.38 1.98 0.00	41.32 2.01 0.00	44.71 2.14 0.00	58.51 2.85 0.00	63.93 3.16 0.00	53.02 2.34 0.00	43.27 1.78 0.00	41.56 1.67 0.00	40.70 1.45 0.00	33.85 1.12 0.00
NEG NORTH_FLCN_SEA 23793	31.46 1.34 0.00	29.02 1.29 0.00	23.16 0.87 0.00	22.04 0.87 0.00	22.00 0.69 0.00	24.25 0.32 0.00	24.62 0.57 0.00	36.64 0.72 0.00	40.43 0.81 0.00	55.66 0.67 0.00	44.53 0.71 0.00	43.42 1.21 0.00	58.96 1.65 0.00	51.08 0.81 0.00	42.87 0.48 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.18 2.49 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.57 1.32 0.00	33.32 0.58 0.00
NEG NORTH_KES_CHATEGAY 23792	30.88 0.76 0.00	28.43 0.70 0.00	22.65 0.36 0.00	21.55 0.37 0.00	21.61 0.29 0.00	24.05 0.12 0.00	24.16 0.11 0.00	36.00 0.09 0.00	39.76 0.14 0.00	55.10 0.11 0.00	43.97 0.14 0.00	42.72 0.51 0.00	57.84 0.53 0.00	50.23 -0.04 0.00	42.18 -0.21 0.00	38.96 -0.35 0.00	42.52 -0.05 0.00	56.10 0.44 0.00	61.98 1.20 0.00	51.80 1.12 0.00	42.25 0.76 0.00	40.53 0.65 0.00	39.97 0.72 0.00	33.16 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	31.47 1.35 0.00	29.00 1.27 0.00	23.12 0.84 0.00	22.02 0.84 0.00	22.01 0.70 0.00	24.34 0.42 0.00	24.65 0.60 0.00	36.71 0.80 0.00	40.55 0.93 0.00	55.93 0.93 0.00	44.73 0.91 0.00	43.58 1.37 0.00	59.15 1.85 0.00	51.28 1.01 0.00	43.02 0.63 0.00	39.75 0.45 0.00	43.49 0.92 0.00	57.58 1.92 0.00	63.86 3.08 0.00	53.29 2.60 0.00	43.32 1.83 0.00	41.30 1.42 0.00	40.68 1.43 0.00	33.49 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	31.47 1.35 0.00	29.00 1.27 0.00	23.12 0.84 0.00	22.02 0.84 0.00	22.01 0.70 0.00	24.34 0.42 0.00	24.65 0.60 0.00	36.71 0.80 0.00	40.55 0.93 0.00	55.93 0.93 0.00	44.73 0.91 0.00	43.58 1.37 0.00	59.15 1.85 0.00	51.28 1.01 0.00	43.02 0.63 0.00	39.75 0.45 0.00	43.49 0.92 0.00	57.58 1.92 0.00	63.86 3.08 0.00	53.29 2.60 0.00	43.32 1.83 0.00	41.30 1.42 0.00	40.68 1.43 0.00	33.49 0.76 0.00
NEG NORTH___PLATTSBURG 23628	31.47 1.35 0.00	29.00 1.27 0.00	23.12 0.84 0.00	22.01 0.84 0.00	22.01 0.70 0.00	24.34 0.42 0.00	24.65 0.60 0.00	36.72 0.80 0.00	40.55 0.93 0.00	55.93 0.93 0.00	44.73 0.91 0.00	43.58 1.37 0.00	59.15 1.84 0.00	51.28 1.00 0.00	43.02 0.63 0.00	39.75 0.45 0.00	43.49 0.92 0.00	57.58 1.92 0.00	63.86 3.08 0.00	53.29 2.60 0.00	43.32 1.83 0.00	41.30 1.42 0.00	40.68 1.43 0.00	33.49 0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	29.21 -0.91 0.00	26.86 -0.87 0.00	21.12 -1.17 0.00	20.09 -1.09 0.00	20.28 -1.03 0.00	22.83 -1.10 0.00	22.36 -1.68 0.00	31.76 -2.94 1.21	28.55 -2.79 8.28	37.82 -3.82 13.36	30.98 -2.77 10.08	39.92 -2.29 0.00	53.96 -2.76 0.59	47.81 -2.47 0.00	38.25 -2.58 1.57	35.77 -2.82 0.72	39.58 -2.99 0.00	50.86 -4.80 0.00	55.16 -5.55 0.07	46.68 -4.00 0.00	38.54 -2.95 0.00	37.32 -2.57 0.00	37.40 -1.86 0.00	31.81 -0.93 0.00
NEG WEST___LANCASTER 23811	29.82 -0.30 0.00	27.41 -0.32 0.00	21.63 -0.65 0.00	20.57 -0.61 0.00	20.76 -0.56 0.00	23.40 -0.53 0.00	23.12 -0.92 0.00	33.61 -1.71 0.59	33.65 -1.83 4.13	46.24 -2.01 6.74	37.49 -1.22 5.12	41.38 -0.82 0.00	56.42 -0.58 0.30	49.69 -0.58 0.00	40.64 -0.96 0.80	37.53 -1.42 0.36	41.13 -1.44 0.00	53.07 -2.60 0.00	57.59 -3.10 0.09	48.47 -2.22 0.00	40.01 -1.48 0.00	38.67 -1.22 0.00	38.58 -0.67 0.00	32.66 -0.08 0.00
NEG_PENN_ALLEGHNY 23528	30.01 -0.11 0.00	27.65 -0.08 0.00	22.17 -0.12 0.00	21.09 -0.09 0.00	21.23 -0.08 0.00	23.90 -0.03 0.00	23.95 -0.09 0.00	35.87 -0.17 -0.13	40.73 -0.12 -1.24	57.02 0.01 -2.01	45.38 0.04 -1.51	42.23 0.02 0.00	57.59 0.19 -0.09	50.43 0.15 0.00	42.78 0.15 -0.24	39.55 0.14 -0.11	42.80 0.23 0.00	55.89 0.23 0.00	60.94 0.18 0.02	50.92 0.23 0.00	41.75 0.26 0.00	40.18 0.29 0.00	39.58 0.33 0.00	33.07 0.34 0.00
NEG___GEN_MONROE 24207	30.05 -0.07 0.00	27.62 -0.10 0.00	21.90 -0.39 0.00	20.82 -0.36 0.00	21.02 -0.29 0.00	23.69 -0.24 0.00	23.53 -0.51 0.00	34.76 -0.94 0.21	37.40 -0.71 1.51	51.75 -0.80 2.45	41.57 -0.42 1.84	41.99 -0.22 0.00	57.14 -0.06 0.11	50.16 -0.12 0.00	41.56 -0.55 0.29	38.43 -0.74 0.13	41.79 -0.77 0.00	54.15 -1.51 0.00	59.05 -1.74 0.00	49.67 -1.02 0.00	40.81 -0.68 0.00	39.31 -0.58 0.00	39.03 -0.22 0.00	32.90 0.16 0.00

NEPA__ENERGY 23901	29.48 -0.64 0.00	27.14 -0.59 0.00	21.45 -0.83 0.00	20.43 -0.75 0.00	20.58 -0.73 0.00	23.21 -0.71 0.00	22.91 -1.14 0.00	33.38 -1.91 0.62	33.06 -2.21 4.36	45.61 -2.35 7.03	37.09 -1.44 5.30	41.09 -1.12 0.00	56.10 -0.90 0.31	49.39 -0.88 0.00	40.51 -1.06 0.82	37.49 -1.44 0.38	41.18 -1.39 0.00	53.40 -2.26 0.00	58.01 -2.69 0.09	48.79 -1.90 0.00	40.30 -1.19 0.00	38.97 -0.92 0.00	38.80 -0.45 0.00	32.78 0.04 0.00
NEVERSINK__HYD 23608	31.15 1.03 0.00	28.67 0.94 0.00	23.13 0.84 0.00	21.94 0.76 0.00	22.08 0.77 0.00	24.84 0.92 0.00	25.14 1.09 0.00	37.55 1.63 0.00	41.36 1.75 0.00	57.45 2.46 0.00	45.93 2.10 0.00	43.53 1.32 0.00	59.04 1.74 0.00	52.06 1.78 0.00	44.06 1.67 0.00	40.97 1.66 0.00	44.38 1.81 0.00	58.30 2.63 0.00	63.79 3.01 0.00	52.96 2.28 0.00	43.28 1.79 0.00	41.56 1.67 0.00	40.71 1.46 0.00	33.88 1.15 0.00
NEWKRMKL_115KV_TB1 55635	30.34 0.22 0.00	27.94 0.21 0.00	22.56 0.27 0.00	21.44 0.26 0.00	21.58 0.27 0.00	24.24 0.31 0.00	24.49 0.45 0.00	36.66 0.75 0.00	40.32 0.70 0.00	55.88 0.88 0.00	44.54 0.72 0.00	42.78 0.57 0.00	58.19 0.88 0.00	51.10 0.82 0.00	43.20 0.81 0.00	40.06 0.75 0.00	43.26 0.69 0.00	56.67 1.01 0.00	61.83 1.04 0.00	51.36 0.68 0.00	41.93 0.44 0.00	40.21 0.32 0.00	39.47 0.22 0.00	32.81 0.08 0.00
NEWTON__FALLS_HYD 23847	30.83 0.71 0.00	28.36 0.63 0.00	22.67 0.39 0.00	21.40 0.22 0.00	21.50 0.19 0.00	24.13 0.20 0.00	23.94 -0.11 0.00	35.21 -0.70 0.00	39.13 -0.49 0.00	55.62 0.62 0.00	45.06 1.24 0.00	43.60 1.39 0.00	58.68 1.38 0.00	50.04 -0.23 0.00	41.99 -0.40 0.00	38.71 -0.60 0.00	41.93 -0.63 0.00	55.43 -0.23 0.00	60.90 0.12 0.00	50.96 0.27 0.00	41.54 0.05 0.00	39.75 -0.14 0.00	39.49 0.24 0.00	33.20 0.46 0.00
NGRID_A1_DSASP 323792	28.77 -1.35 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.37 -3.59 0.96	29.44 -3.60 6.58	39.53 -4.80 10.67	32.39 -3.37 8.07	39.29 -2.91 0.00	53.31 -3.53 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.87 -3.70 0.00	49.79 -5.87 0.00	53.87 -6.81 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.69 -2.57 0.00	31.25 -1.48 0.00
NGRID_A2_DSASP 323793	28.77 -1.35 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.37 -3.59 0.96	29.44 -3.60 6.58	39.53 -4.80 10.67	32.39 -3.37 8.07	39.29 -2.91 0.00	53.31 -3.53 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.87 -3.70 0.00	49.79 -5.87 0.00	53.87 -6.81 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.69 -2.57 0.00	31.25 -1.48 0.00
NGRID_A4_DSASP 323807	28.77 -1.35 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.37 -3.59 0.96	29.44 -3.60 6.58	39.53 -4.80 10.67	32.39 -3.37 8.07	39.29 -2.91 0.00	53.31 -3.53 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.87 -3.70 0.00	49.79 -5.87 0.00	53.87 -6.81 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.69 -2.57 0.00	31.25 -1.48 0.00
NIAGARA_115E_LBMP 323715	28.79 -1.32 0.00	26.50 -1.23 0.00	20.81 -1.48 0.00	19.80 -1.37 0.00	20.00 -1.31 0.00	22.50 -1.42 0.00	22.06 -1.99 0.00	31.28 -3.69 0.94	29.36 -3.81 6.45	39.49 -4.98 10.52	32.37 -3.48 7.98	39.24 -2.96 0.00	53.11 -3.73 0.46	47.00 -3.28 0.00	37.89 -3.27 1.24	35.20 -3.54 0.57	38.75 -3.82 0.00	49.71 -5.96 0.00	53.85 -6.85 0.09	45.63 -5.06 0.00	37.69 -3.80 0.00	36.54 -3.35 0.00	36.69 -2.56 0.00	31.25 -1.48 0.00
NIAGARA_115W_LBMP 323714	28.70 -1.42 0.00	26.39 -1.34 0.00	20.72 -1.56 0.00	19.70 -1.48 0.00	19.90 -1.41 0.00	22.38 -1.54 0.00	21.95 -2.10 0.00	31.30 -3.65 0.96	29.32 -3.68 6.61	39.37 -4.91 10.71	32.27 -3.46 8.10	39.21 -3.00 0.00	53.19 -3.65 0.47	47.03 -3.24 0.00	37.91 -3.23 1.26	35.22 -3.51 0.58	38.79 -3.78 0.00	49.68 -5.98 0.00	53.75 -6.93 0.10	45.54 -5.15 0.00	37.64 -3.85 0.00	36.50 -3.39 0.00	36.61 -2.65 0.00	31.19 -1.55 0.00
NIAGARA_230_LBMP 323716	28.92 -1.20 0.00	26.59 -1.14 0.00	20.91 -1.37 0.00	19.88 -1.30 0.00	20.08 -1.23 0.00	22.59 -1.34 0.00	22.17 -1.87 0.00	31.64 -3.27 1.00	29.50 -3.26 6.85	39.58 -4.30 11.12	32.43 -2.98 8.41	39.58 -2.63 0.00	53.68 -3.13 0.49	47.50 -2.77 0.00	38.23 -2.85 1.31	35.58 -3.13 0.60	39.21 -3.36 0.00	50.31 -5.35 0.00	54.48 -6.19 0.11	46.09 -4.59 0.00	38.08 -3.41 0.00	36.90 -2.98 0.00	36.98 -2.28 0.00	31.46 -1.27 0.00
NIAGARA__115KV_198_GIBSON 55903	28.70 -1.42 0.00	26.39 -1.34 0.00	20.73 -1.56 0.00	19.70 -1.48 0.00	19.90 -1.41 0.00	22.38 -1.54 0.00	21.95 -2.10 0.00	31.28 -3.67 0.96	29.29 -3.72 6.61	39.32 -4.96 10.71	32.15 -3.57 8.10	39.21 -3.00 0.00	53.19 -3.65 0.47	47.03 -3.24 0.00	37.91 -3.23 1.26	35.22 -3.51 0.58	38.79 -3.78 0.00	49.68 -5.98 0.00	53.75 -6.93 0.10	45.53 -5.15 0.00	37.63 -3.86 0.00	36.50 -3.39 0.00	36.61 -2.65 0.00	31.19 -1.55 0.00
NIAGARA____ 23760	28.92 -1.20 0.00	26.59 -1.14 0.00	20.91 -1.37 0.00	19.88 -1.30 0.00	20.08 -1.23 0.00	22.59 -1.34 0.00	22.17 -1.87 0.00	31.67 -3.27 0.97	29.73 -3.26 6.63	39.89 -4.30 10.80	32.68 -2.98 8.16	39.58 -2.63 0.00	53.69 -3.13 0.48	47.50 -2.77 0.00	38.27 -2.85 1.27	35.60 -3.13 0.58	39.21 -3.36 0.00	50.31 -5.35 0.00	54.49 -6.19 0.10	46.09 -4.59 0.00	38.08 -3.41 0.00	36.90 -2.98 0.00	36.98 -2.28 0.00	31.46 -1.27 0.00
NINE_MILE_1 23575	29.19 -0.93 0.00	26.85 -0.88 0.00	21.57 -0.72 0.00	20.52 -0.66 0.00	20.66 -0.66 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.36 -1.26 0.00	53.30 -1.70 0.00	42.54 -1.28 0.00	40.96 -1.25 0.00	55.65 -1.66 0.00	48.82 -1.46 0.00	41.14 -1.25 0.00	38.14 -1.17 0.00	41.31 -1.26 0.00	53.96 -1.70 0.00	58.87 -1.91 0.00	49.14 -1.54 0.00	40.24 -1.25 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.82 -0.92 0.00
NINE_MILE_2 23744	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.72 0.00	20.52 -0.66 0.00	20.66 -0.66 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.69 0.00	42.54 -1.28 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.14 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.89 -1.89 0.00	49.15 -1.54 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.82 -0.92 0.00
NM_CAPITAL__DRP 24208	30.44 0.32 0.00	28.03 0.31 0.00	22.64 0.36 0.00	21.52 0.34 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.79 0.88 0.00	40.45 0.83 0.00	56.06 1.07 0.00	44.68 0.86 0.00	42.92 0.71 0.00	58.36 1.06 0.00	51.25 0.98 0.00	43.34 0.94 0.00	40.18 0.87 0.00	43.37 0.80 0.00	56.82 1.16 0.00	61.98 1.20 0.00	51.50 0.82 0.00	42.03 0.54 0.00	40.31 0.42 0.00	39.59 0.34 0.00	32.90 0.17 0.00

NM_CENTRAL___DRP 24181	29.68 -0.44 0.00	27.32 -0.41 0.00	21.92 -0.36 0.00	20.86 -0.32 0.00	21.00 -0.31 0.00	23.60 -0.33 0.00	23.68 -0.36 0.00	35.36 -0.55 0.00	39.11 -0.51 0.00	54.39 -0.60 0.00	43.42 -0.41 0.00	41.81 -0.40 0.00	56.82 -0.48 0.00	49.84 -0.43 0.00	42.02 -0.37 0.00	38.95 -0.36 0.00	42.21 -0.36 0.00	55.10 -0.56 0.00	60.10 -0.69 0.00	50.16 -0.53 0.00	41.07 -0.42 0.00	39.47 -0.43 0.00	38.85 -0.40 0.00	32.44 -0.30 0.00
NM_FRONTIER___DRP 24179	28.70 -1.42 0.00	26.39 -1.34 0.00	20.73 -1.56 0.00	19.70 -1.48 0.00	19.90 -1.41 0.00	22.38 -1.54 0.00	21.95 -2.10 0.00	31.28 -3.67 0.96	29.29 -3.72 6.61	39.32 -4.96 10.71	32.15 -3.57 8.10	39.21 -3.00 0.00	53.19 -3.65 0.47	47.03 -3.24 0.00	37.91 -3.23 1.26	35.22 -3.51 0.58	38.79 -3.78 0.00	49.68 -5.98 0.00	53.75 -6.93 0.10	45.53 -5.15 0.00	37.63 -3.86 0.00	36.50 -3.39 0.00	36.61 -2.65 0.00	31.19 -1.55 0.00
NM_ST_REGIS___HYD 24053	30.93 0.81 0.00	28.47 0.74 0.00	22.68 0.40 0.00	21.50 0.33 0.00	21.60 0.29 0.00	24.12 0.19 0.00	23.94 -0.10 0.00	35.07 -0.84 0.00	39.02 -0.60 0.00	55.53 0.53 0.00	45.14 1.31 0.00	43.81 1.60 0.00	58.96 1.66 0.00	50.19 -0.08 0.00	42.06 -0.34 0.00	38.55 -0.76 0.00	41.66 -0.91 0.00	55.19 -0.47 0.00	60.87 0.09 0.00	50.93 0.25 0.00	41.52 0.04 0.00	39.90 0.01 0.00	39.66 0.41 0.00	33.40 0.66 0.00
NORTHPORT___1 23551	31.18 1.06 0.00	28.64 0.91 0.00	23.21 0.93 0.00	22.03 0.85 0.00	22.00 0.69 0.00	24.83 0.90 0.00	25.13 1.08 0.00	37.26 1.34 0.00	41.14 1.52 0.00	56.93 1.94 0.00	45.44 1.61 0.00	43.73 1.52 0.00	58.86 1.55 0.00	51.90 1.63 0.00	39.43 1.43 4.40	41.04 1.74 0.02	44.43 1.85 0.00	58.02 2.36 0.00	62.97 2.19 0.00	52.32 1.63 0.00	42.82 1.33 0.00	41.09 1.20 0.00	40.16 0.91 0.00	33.53 0.80 0.00
NORTHPORT___2 23552	31.18 1.06 0.00	28.64 0.91 0.00	23.21 0.93 0.00	22.03 0.85 0.00	22.00 0.69 0.00	24.83 0.90 0.00	25.13 1.08 0.00	37.26 1.34 0.00	41.14 1.52 0.00	56.93 1.94 0.00	45.44 1.61 0.00	43.73 1.52 0.00	58.86 1.55 0.00	51.90 1.63 0.00	39.43 1.43 4.40	41.04 1.74 0.02	44.43 1.85 0.00	58.02 2.36 0.00	62.97 2.19 0.00	52.32 1.63 0.00	42.82 1.33 0.00	41.09 1.20 0.00	40.16 0.91 0.00	33.53 0.80 0.00
NORTHPORT___3 23553	30.95 0.83 0.00	28.42 0.70 0.00	23.04 0.75 0.00	21.87 0.69 0.00	21.84 0.53 0.00	24.61 0.68 0.00	24.89 0.84 0.00	36.93 1.02 0.00	40.75 1.14 0.00	56.39 1.40 0.00	44.97 1.14 0.00	43.23 1.03 0.00	58.20 0.90 0.00	51.34 1.07 0.00	39.03 1.01 4.38	40.65 1.36 0.02	43.96 1.39 0.00	57.44 1.78 0.00	62.40 1.62 0.00	51.80 1.11 0.00	42.37 0.88 0.00	40.69 0.81 0.00	39.83 0.58 0.00	33.27 0.54 0.00
NORTHPORT___4 23650	30.95 0.83 0.00	28.42 0.70 0.00	23.04 0.75 0.00	21.87 0.69 0.00	21.84 0.53 0.00	24.61 0.68 0.00	24.89 0.84 0.00	36.93 1.02 0.00	40.75 1.14 0.00	56.39 1.40 0.00	44.97 1.14 0.00	43.23 1.03 0.00	58.20 0.90 0.00	51.34 1.07 0.00	39.03 1.01 4.38	40.65 1.36 0.02	43.96 1.39 0.00	57.44 1.78 0.00	62.40 1.62 0.00	51.80 1.11 0.00	42.37 0.88 0.00	40.69 0.81 0.00	39.83 0.58 0.00	33.27 0.54 0.00
NORTHPORT___IC 23718	31.18 1.06 0.00	28.64 0.91 0.00	23.21 0.92 0.00	22.03 0.85 0.00	22.00 0.69 0.00	24.83 0.90 0.00	25.13 1.08 0.00	37.25 1.34 0.00	41.15 1.53 0.00	56.94 1.95 0.00	45.46 1.64 0.00	43.73 1.52 0.00	58.86 1.55 0.00	51.90 1.62 0.00	39.43 1.44 4.40	41.04 1.74 0.02	44.42 1.85 0.00	58.02 2.36 0.00	62.97 2.19 0.00	52.32 1.64 0.00	42.82 1.33 0.00	41.09 1.20 0.00	40.17 0.91 0.00	33.52 0.79 0.00
NORTH___COUNTRY_ESR 323785	30.81 0.69 0.00	28.36 0.63 0.00	22.61 0.32 0.00	21.50 0.33 0.00	21.56 0.25 0.00	24.00 0.07 0.00	24.12 0.07 0.00	35.91 0.00 0.00	39.68 0.06 0.00	54.95 -0.05 0.00	43.86 0.03 0.00	42.57 0.36 0.00	57.69 0.38 0.00	50.10 -0.17 0.00	42.04 -0.35 0.00	38.86 -0.45 0.00	42.42 -0.15 0.00	55.93 0.27 0.00	61.78 1.00 0.00	51.65 0.96 0.00	42.11 0.63 0.00	40.39 0.51 0.00	39.84 0.59 0.00	33.07 0.34 0.00
NPX_GEN_1385_PROXY 323591	31.18 1.06 0.00	28.64 0.91 0.00	23.43 1.15 0.00	22.23 1.06 0.00	22.01 0.70 0.00	25.27 1.34 0.00	25.81 1.76 0.00	38.28 2.37 0.00	43.81 2.66 -1.53	69.35 3.54 -10.81	46.71 2.88 0.00	51.92 2.77 -6.95	61.25 3.24 -0.71	53.39 3.12 0.00	87.89 2.67 -42.82	99.60 2.89 -57.41	124.55 3.09 -78.89	68.02 3.95 -8.40	64.56 3.78 0.00	53.77 3.09 0.00	57.19 2.53 -13.17	41.95 2.06 0.00	40.63 1.38 0.00	33.52 0.79 0.00
NPX_GEN_CSC 323557	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.10 0.00	25.40 1.35 0.00	37.65 1.74 0.00	41.59 1.98 0.00	57.62 2.63 0.00	46.02 2.20 0.00	44.28 2.07 0.00	59.49 2.18 0.00	52.36 2.09 0.00	39.76 1.70 4.33	41.26 1.97 0.02	44.86 2.29 0.00	58.65 2.99 0.00	63.37 2.59 0.00	52.63 1.95 0.00	43.10 1.61 0.00	41.32 1.43 0.00	40.39 1.13 0.00	33.62 0.89 0.00
NSINS_S___GLNS_FALLS 23858	31.17 1.05 0.00	28.69 0.96 0.00	23.11 0.83 0.00	21.96 0.78 0.00	22.10 0.79 0.00	24.88 0.95 0.00	25.12 1.07 0.00	37.92 2.01 0.00	42.09 2.47 0.00	58.45 3.45 0.00	46.54 2.72 0.00	44.72 2.51 0.00	60.87 3.57 0.00	53.45 3.17 0.00	45.18 2.78 0.00	41.73 2.43 0.00	45.05 2.48 0.00	59.18 3.52 0.00	64.48 3.70 0.00	53.52 2.84 0.00	43.62 2.13 0.00	41.80 1.91 0.00	41.06 1.81 0.00	34.03 1.30 0.00
NUCOR_STEEL___DRP 24197	29.90 -0.22 0.00	27.53 -0.20 0.00	22.09 -0.20 0.00	21.01 -0.16 0.00	21.17 -0.14 0.00	23.79 -0.14 0.00	23.86 -0.19 0.00	35.59 -0.32 0.00	39.35 -0.27 0.00	54.73 -0.27 0.00	43.70 -0.12 0.00	42.07 -0.14 0.00	57.15 -0.16 0.00	50.11 -0.16 0.00	42.28 -0.12 0.00	39.18 -0.12 0.00	42.48 -0.09 0.00	55.47 -0.19 0.00	60.50 -0.28 0.00	50.51 -0.17 0.00	41.36 -0.13 0.00	39.75 -0.14 0.00	39.13 -0.12 0.00	32.69 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	30.77 0.65 0.00	28.30 0.57 0.00	22.72 0.44 0.00	21.35 0.17 0.00	21.45 0.13 0.00	24.18 0.25 0.00	24.02 -0.02 0.00	35.65 -0.26 0.00	39.48 -0.14 0.00	55.67 0.68 0.00	44.68 0.85 0.00	43.07 0.86 0.00	58.01 0.70 0.00	49.99 -0.28 0.00	41.99 -0.40 0.00	38.98 -0.33 0.00	42.43 -0.14 0.00	55.97 0.31 0.00	61.31 0.53 0.00	51.31 0.63 0.00	41.88 0.39 0.00	39.86 -0.03 0.00	39.47 0.22 0.00	33.01 0.27 0.00
NYISO_LBMP_REFERENCE 24008	30.12 0.00 0.00	27.73 0.00 0.00	22.28 0.00 0.00	21.18 0.00 0.00	21.31 0.00 0.00	23.93 0.00 0.00	24.05 0.00 0.00	35.91 0.00 0.00	39.62 0.00 0.00	54.99 0.00 0.00	43.82 0.00 0.00	42.21 0.00 0.00	57.31 0.00 0.00	50.27 0.00 0.00	42.39 0.00 0.00	39.31 0.00 0.00	42.57 0.00 0.00	55.66 0.00 0.00	60.78 0.00 0.00	50.69 0.00 0.00	41.49 0.00 0.00	39.89 0.00 0.00	39.25 0.00 0.00	32.74 0.00 0.00

NYPA_BRENTWD____GT 24164	31.44 1.31 0.00	28.84 1.12 0.00	23.36 1.08 0.00	22.18 1.00 0.00	22.17 0.86 0.00	25.03 1.10 0.00	25.35 1.31 0.00	37.62 1.71 0.00	41.55 1.94 0.00	57.42 2.43 0.00	45.95 2.12 0.00	44.19 1.99 0.00	59.45 2.14 0.00	52.37 2.10 0.00	39.93 1.79 4.25	41.38 2.09 0.02	44.89 2.32 0.00	58.66 3.00 0.00	63.69 2.91 0.00	52.91 2.22 0.00	43.31 1.82 0.00	41.55 1.67 0.00	40.61 1.35 0.00	33.85 1.11 0.00
NYPA_GOWANUS____GT5 24156	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.32 2.33 0.00	45.54 1.71 0.00	43.84 1.63 0.00	59.32 2.02 0.00	52.31 2.04 0.00	44.33 1.94 0.00	41.32 2.01 0.00	44.61 2.04 0.00	58.28 2.62 0.00	63.66 2.88 0.00	52.80 2.12 0.00	43.14 1.65 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NYPA_GOWANUS____GT6 24157	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.83 0.00	57.32 2.33 0.00	45.54 1.71 0.00	43.84 1.63 0.00	59.32 2.02 0.00	52.31 2.04 0.00	44.33 1.94 0.00	41.32 2.01 0.00	44.61 2.04 0.00	58.28 2.62 0.00	63.66 2.88 0.00	52.80 2.12 0.00	43.14 1.65 0.00	41.63 1.74 0.00	40.65 1.39 0.00	33.90 1.16 0.00
NYPA_HARLEM__RVR__GT1 24160	31.18 1.06 0.00	28.68 0.96 0.00	23.19 0.90 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.86 0.93 0.00	25.23 1.18 0.00	37.47 1.56 0.01	41.21 1.59 0.00	56.88 1.89 0.00	45.28 1.45 0.00	43.59 1.39 0.01	58.96 1.66 0.00	52.02 1.75 0.00	44.08 1.69 0.01	41.11 1.80 0.00	44.40 1.83 0.00	58.07 2.41 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.89 1.41 0.00	41.40 1.52 0.00	40.44 1.20 0.01	33.73 1.01 0.01
NYPA_HARLEM__RVR__GT2 24161	31.18 1.06 0.00	28.68 0.96 0.00	23.19 0.90 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.86 0.93 0.00	25.23 1.18 0.00	37.47 1.56 0.01	41.21 1.59 0.00	56.88 1.89 0.00	45.28 1.45 0.00	43.59 1.39 0.01	58.96 1.66 0.00	52.02 1.75 0.00	44.08 1.69 0.01	41.11 1.80 0.00	44.40 1.83 0.00	58.07 2.41 0.00	63.37 2.59 0.00	52.51 1.83 0.00	42.89 1.41 0.00	41.40 1.52 0.00	40.44 1.20 0.01	33.73 1.01 0.01
NYPA_KENT____GT 24152	31.33 1.21 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.44 1.83 0.00	57.27 2.28 0.00	45.51 1.68 0.00	43.82 1.61 0.00	59.26 1.96 0.00	52.26 1.98 0.00	44.30 1.91 0.00	41.29 1.98 0.00	44.58 2.01 0.00	58.22 2.56 0.00	63.56 2.78 0.00	52.72 2.04 0.00	43.09 1.60 0.00	41.59 1.70 0.00	40.63 1.38 0.00	33.89 1.15 0.00
NYPA_POUCH1____GT 24155	31.27 1.15 0.00	28.77 1.04 0.00	23.22 0.94 0.00	22.05 0.88 0.00	22.17 0.86 0.00	24.94 1.01 0.00	25.30 1.26 0.00	36.24 1.63 1.29	39.13 1.61 2.10	54.64 2.07 2.43	37.04 1.46 8.25	36.05 1.40 7.55	38.52 1.70 20.48	39.01 1.77 13.03	36.91 1.70 7.18	37.59 1.83 3.55	38.39 1.82 6.00	55.65 2.36 2.37	60.78 2.60 2.60	52.18 1.93 0.44	41.53 1.48 1.43	41.43 1.55 0.00	40.45 1.20 0.00	33.82 1.08 0.00
NYPA_VERNON____GT2 24162	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.67 1.77 0.00	41.43 1.82 0.00	57.22 2.22 0.00	45.51 1.68 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.96 0.00	44.31 1.92 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.61 1.36 0.00	33.88 1.15 0.00
NYPA_VERNON____GT3 24163	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.67 1.77 0.00	41.43 1.82 0.00	57.22 2.22 0.00	45.51 1.68 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.96 0.00	44.31 1.92 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.61 1.36 0.00	33.88 1.15 0.00
NYPA__ASTORIA_CC1 323568	31.32 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.73 0.00	41.39 1.78 0.00	57.16 2.17 0.00	45.46 1.64 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.45 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.14 0.00
NYPA__ASTORIA_CC2 323569	31.32 1.21 0.00	28.81 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.65 1.73 0.00	41.39 1.78 0.00	57.16 2.17 0.00	45.46 1.64 0.00	43.79 1.58 0.00	59.17 1.87 0.00	52.20 1.92 0.00	44.29 1.90 0.00	41.29 1.98 0.00	44.53 1.97 0.00	58.12 2.45 0.00	63.44 2.66 0.00	52.62 1.93 0.00	43.00 1.52 0.00	41.50 1.61 0.00	40.60 1.35 0.00	33.87 1.14 0.00
NYPA__HOLTSVILL 23794	31.17 1.05 0.00	28.61 0.88 0.00	23.19 0.91 0.00	22.03 0.85 0.00	22.02 0.71 0.00	24.88 0.95 0.00	25.22 1.17 0.00	37.39 1.48 0.00	41.29 1.67 0.00	57.15 2.16 0.00	45.64 1.81 0.00	43.91 1.70 0.00	59.04 1.73 0.00	52.00 1.73 0.00	39.53 1.47 4.34	41.06 1.77 0.02	44.55 1.98 0.00	58.25 2.58 0.00	63.08 2.30 0.00	52.39 1.71 0.00	42.92 1.43 0.00	41.17 1.28 0.00	40.26 1.01 0.00	33.55 0.81 0.00
NYPA__HELLGATE_GT1 24158	31.18 1.06 0.00	28.69 0.96 0.00	23.19 0.90 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.86 0.93 0.00	25.23 1.19 0.00	37.50 1.59 0.00	41.24 1.62 0.00	56.98 1.99 0.00	45.34 1.52 0.00	43.66 1.46 0.01	59.05 1.75 0.00	52.10 1.83 0.00	44.15 1.76 0.01	41.17 1.86 0.00	44.46 1.89 0.00	58.15 2.49 0.00	63.48 2.70 0.00	52.59 1.91 0.00	42.97 1.48 0.00	41.41 1.53 0.00	40.44 1.20 0.01	33.73 1.01 0.01
NYPA__HELLGATE_GT2 24159	31.18 1.06 0.00	28.69 0.96 0.00	23.19 0.90 0.00	21.99 0.82 0.00	22.12 0.81 0.00	24.86 0.93 0.00	25.23 1.19 0.00	37.50 1.59 0.00	41.24 1.62 0.00	56.98 1.99 0.00	45.34 1.52 0.00	43.66 1.46 0.01	59.05 1.75 0.00	52.10 1.83 0.00	44.15 1.76 0.01	41.17 1.86 0.00	44.46 1.89 0.00	58.15 2.49 0.00	63.48 2.70 0.00	52.59 1.91 0.00	42.97 1.48 0.00	41.41 1.53 0.00	40.44 1.20 0.01	33.73 1.01 0.01
NYS_BARGE__HYD 23848	29.23 -0.89 0.00	26.88 -0.85 0.00	21.13 -1.15 0.00	20.10 -1.08 0.00	20.30 -1.01 0.00	22.86 -1.07 0.00	22.42 -1.62 0.00	32.05 -2.85 1.02	29.98 -2.66 6.99	40.05 -3.69 11.26	32.75 -2.59 8.49	40.03 -2.18 0.00	54.16 -2.65 0.49	47.89 -2.38 0.00	38.57 -2.50 1.32	35.92 -2.78 0.60	39.59 -2.97 0.00	50.90 -4.76 0.00	55.22 -5.49 0.07	46.73 -3.95 0.00	38.58 -2.91 0.00	37.36 -2.53 0.00	37.43 -1.83 0.00	31.83 -0.91 0.00

OAK ORCHARD___HYD 24046	29.90 -0.22 0.00	27.49 -0.24 0.00	21.81 -0.47 0.00	20.74 -0.44 0.00	20.93 -0.38 0.00	23.58 -0.34 0.00	23.44 -0.61 0.00	34.71 -1.07 0.13	37.50 -0.87 1.26	51.91 -1.04 2.04	41.74 -0.56 1.53	41.78 -0.43 0.00	56.87 -0.35 0.09	49.92 -0.35 0.00	41.52 -0.63 0.24	38.34 -0.85 0.11	41.66 -0.91 0.00	54.01 -1.65 0.00	58.88 -1.91 -0.01	49.44 -1.25 0.00	40.62 -0.87 0.00	39.13 -0.76 0.00	38.83 -0.42 0.00	32.70 -0.03 0.00
OAKDALE___35_KV_LOAD 356122	29.92 -0.19 0.00	27.57 -0.16 0.00	22.10 -0.18 0.00	21.03 -0.15 0.00	21.17 -0.14 0.00	23.83 -0.10 0.00	23.87 -0.18 0.00	35.74 -0.31 -0.13	40.64 -0.28 -1.30	56.90 -0.22 -2.12	45.26 -0.16 -1.59	42.03 -0.17 0.00	57.33 -0.07 -0.09	50.20 -0.07 0.00	42.58 -0.06 -0.25	39.38 -0.04 -0.11	42.60 0.03 0.00	55.61 -0.05 0.00	60.64 -0.13 0.02	50.67 -0.02 0.00	41.57 0.08 0.00	39.98 0.10 0.00	39.40 0.14 0.00	32.92 0.19 0.00
OCC_CHEM___DRP 24175	28.76 -1.36 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.35 -3.60 0.96	29.40 -3.64 6.58	39.48 -4.85 10.67	32.29 -3.47 8.07	39.29 -2.91 0.00	53.31 -3.52 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.88 -3.69 0.00	49.79 -5.87 0.00	53.87 -6.82 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.68 -2.57 0.00	31.26 -1.48 0.00
OH_GEN_PROXY 24063	28.94 -1.18 0.00	26.61 -1.11 0.00	20.94 -1.34 0.00	19.90 -1.27 0.00	20.10 -1.21 0.00	22.62 -1.30 0.00	22.23 -1.81 0.00	31.88 -3.16 0.88	30.44 -3.16 6.02	41.10 -4.13 9.77	33.56 -2.88 7.38	39.69 -2.51 0.00	53.91 -2.96 0.43	47.64 -2.63 0.00	38.52 -2.73 1.15	35.78 -3.00 0.53	39.35 -3.22 0.00	50.53 -5.13 0.00	54.73 -5.94 0.11	46.29 -4.40 0.00	38.24 -3.25 0.00	37.04 -2.85 0.00	37.08 -2.17 0.00	31.52 -1.22 0.00
OLIN_CORP_DRP 24177	28.84 -1.28 0.00	26.54 -1.19 0.00	20.84 -1.44 0.00	19.84 -1.34 0.00	20.03 -1.29 0.00	22.54 -1.39 0.00	22.09 -1.95 0.00	31.37 -3.62 0.92	29.53 -3.75 6.34	39.77 -4.88 10.34	32.51 -3.48 7.84	39.32 -2.89 0.00	53.27 -3.58 0.46	47.11 -3.14 0.00	38.01 -3.17 1.22	35.28 -3.47 0.56	38.85 -3.72 0.00	49.83 -5.84 0.00	53.96 -6.73 0.09	45.72 -4.96 0.00	37.77 -3.72 0.00	36.61 -3.27 0.00	36.76 -2.49 0.00	31.31 -1.42 0.00
OLIN_CORP_DSASP 323712	28.77 -1.35 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.37 -3.59 0.96	29.44 -3.60 6.58	39.53 -4.80 10.67	32.39 -3.37 8.07	39.29 -2.91 0.00	53.31 -3.53 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.87 -3.70 0.00	49.79 -5.87 0.00	53.87 -6.81 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.69 -2.57 0.00	31.25 -1.48 0.00
ONEIDA_HERK_LFGE 323681	30.68 0.56 0.00	28.23 0.50 0.00	22.68 0.40 0.00	21.46 0.28 0.00	21.59 0.28 0.00	24.32 0.39 0.00	24.36 0.31 0.00	36.33 0.42 0.00	40.18 0.57 0.00	56.18 1.19 0.00	44.92 1.09 0.00	43.27 1.07 0.00	58.55 1.25 0.00	51.02 0.74 0.00	42.95 0.55 0.00	39.84 0.53 0.00	43.26 0.69 0.00	56.76 1.10 0.00	62.06 1.27 0.00	51.79 1.11 0.00	42.33 0.84 0.00	40.47 0.58 0.00	39.91 0.66 0.00	33.27 0.54 0.00
ONEIDA___115KV_TB4 55905	30.63 0.51 0.00	28.18 0.46 0.00	22.64 0.35 0.00	21.51 0.34 0.00	21.66 0.35 0.00	24.41 0.49 0.00	24.57 0.52 0.00	36.74 0.83 0.00	40.65 1.03 0.00	56.58 1.58 0.00	45.16 1.33 0.00	43.49 1.28 0.00	58.95 1.64 0.00	51.66 1.39 0.00	43.53 1.14 0.00	40.39 1.08 0.00	43.81 1.24 0.00	57.24 1.58 0.00	62.49 1.71 0.00	52.09 1.40 0.00	42.60 1.11 0.00	40.85 0.96 0.00	40.19 0.94 0.00	33.49 0.75 0.00
ONONDAGA_REF_OCCRA 23987	29.84 -0.28 0.00	27.47 -0.26 0.00	22.05 -0.24 0.00	20.97 -0.21 0.00	21.12 -0.19 0.00	23.74 -0.19 0.00	23.83 -0.21 0.00	35.58 -0.33 0.00	39.35 -0.27 0.00	54.72 -0.27 0.00	43.69 -0.14 0.00	42.06 -0.15 0.00	57.15 -0.15 0.00	50.12 -0.15 0.00	42.28 -0.11 0.00	39.21 -0.10 0.00	42.51 -0.06 0.00	55.50 -0.16 0.00	60.56 -0.22 0.00	50.54 -0.15 0.00	41.37 -0.11 0.00	39.76 -0.13 0.00	39.12 -0.13 0.00	32.66 -0.08 0.00
ONONDAGA___COGEN 23986	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00
ONTARIO___LFGE 23819	30.21 0.09 0.00	27.80 0.08 0.00	22.19 -0.10 0.00	21.11 -0.07 0.00	21.29 -0.02 0.00	23.99 0.06 0.00	23.92 -0.13 0.00	36.25 -0.26 -0.59	43.48 -0.11 -3.97	61.53 0.16 -6.38	48.91 0.25 -4.84	42.50 0.29 0.00	57.76 0.18 -0.28	50.53 0.25 0.00	43.36 0.22 -0.75	39.76 0.11 -0.34	42.76 0.19 0.00	55.80 0.14 0.00	61.02 0.23 0.00	51.07 0.39 0.00	41.89 0.40 0.00	40.20 0.31 0.00	39.71 0.46 0.00	33.27 0.53 0.00
ORANGEVILLE_WT_PWR 323706	29.39 -0.73 0.00	27.03 -0.70 0.00	21.41 -0.88 0.00	20.35 -0.83 0.00	20.53 -0.79 0.00	23.03 -0.90 0.00	22.29 -1.76 0.00	26.39 -3.04 6.49	-6.94 -2.66 43.91	-19.61 -3.46 71.13	-12.65 -2.69 53.79	39.59 -2.61 0.00	50.89 -3.29 3.12	47.42 -2.84 0.00	31.50 -2.53 8.36	33.19 -2.29 3.82	40.38 -2.19 0.00	52.42 -3.25 0.00	56.90 -3.81 0.07	47.99 -2.70 0.00	39.57 -1.92 0.00	38.18 -1.71 0.00	38.06 -1.19 0.00	32.22 -0.51 0.00
ORANGEVILLE___ESR 323794	29.39 -0.73 0.00	27.03 -0.70 0.00	21.41 -0.88 0.00	20.35 -0.83 0.00	20.53 -0.79 0.00	23.03 -0.90 0.00	22.29 -1.76 0.00	26.39 -3.04 6.49	-6.94 -2.66 43.91	-19.61 -3.46 71.13	-12.65 -2.69 53.79	39.59 -2.61 0.00	50.89 -3.29 3.12	47.42 -2.84 0.00	31.50 -2.53 8.36	33.19 -2.29 3.82	40.38 -2.19 0.00	52.42 -3.25 0.00	56.90 -3.81 0.07	47.99 -2.70 0.00	39.57 -1.92 0.00	38.18 -1.71 0.00	38.06 -1.19 0.00	32.22 -0.51 0.00
OSWEGATCHIE___HYD 24044	30.83 0.71 0.00	28.36 0.63 0.00	22.67 0.39 0.00	21.40 0.22 0.00	21.50 0.19 0.00	24.13 0.20 0.00	23.94 -0.11 0.00	35.21 -0.70 0.00	39.13 -0.49 0.00	55.62 0.62 0.00	45.06 1.24 0.00	43.60 1.39 0.00	58.68 1.38 0.00	50.04 -0.23 0.00	41.99 -0.40 0.00	38.71 -0.60 0.00	41.93 -0.63 0.00	55.43 -0.23 0.00	60.90 0.12 0.00	50.96 0.27 0.00	41.54 0.05 0.00	39.75 -0.14 0.00	39.49 0.24 0.00	33.20 0.46 0.00
OSWEGO___5 23606	29.38 -0.74 0.00	27.04 -0.69 0.00	21.71 -0.57 0.00	20.65 -0.53 0.00	20.80 -0.51 0.00	23.35 -0.58 0.00	23.42 -0.62 0.00	34.97 -0.94 0.00	38.63 -0.99 0.00	53.69 -1.31 0.00	42.85 -0.97 0.00	41.26 -0.95 0.00	56.06 -1.25 0.00	49.17 -1.11 0.00	41.44 -0.95 0.00	38.41 -0.90 0.00	41.63 -0.94 0.00	54.36 -1.30 0.00	59.33 -1.46 0.00	49.52 -1.16 0.00	40.55 -0.94 0.00	38.97 -0.92 0.00	38.38 -0.87 0.00	32.05 -0.68 0.00

OSWEGO___6 23613	29.38 -0.74 0.00	27.04 -0.69 0.00	21.71 -0.57 0.00	20.65 -0.53 0.00	20.80 -0.51 0.00	23.35 -0.58 0.00	23.42 -0.62 0.00	34.97 -0.94 0.00	38.63 -0.99 0.00	53.69 -1.31 0.00	42.85 -0.97 0.00	41.26 -0.95 0.00	56.06 -1.25 0.00	49.17 -1.11 0.00	41.44 -0.95 0.00	38.41 -0.90 0.00	41.63 -0.94 0.00	54.36 -1.30 0.00	59.33 -1.46 0.00	49.52 -1.16 0.00	40.55 -0.94 0.00	38.97 -0.92 0.00	38.38 -0.87 0.00	32.05 -0.68 0.00
OUTOKUMPU-AB___DRP 24206	29.41 -0.71 0.00	27.04 -0.69 0.00	21.26 -1.03 0.00	20.23 -0.95 0.00	20.43 -0.89 0.00	22.98 -0.94 0.00	22.60 -1.45 0.00	32.39 -2.61 0.91	30.84 -2.51 6.27	41.58 -3.27 10.15	33.95 -2.21 7.67	40.49 -1.71 0.00	54.89 -1.97 0.45	48.49 -1.79 0.00	39.23 -1.98 1.19	36.35 -2.41 0.55	40.03 -2.54 0.00	51.46 -4.21 0.00	55.78 -4.91 0.09	47.16 -3.52 0.00	38.94 -2.54 0.00	37.70 -2.19 0.00	37.76 -1.49 0.00	32.09 -0.64 0.00
OXBOW___BTM 323836	29.14 -0.98 0.00	26.78 -0.94 0.00	21.05 -1.23 0.00	20.02 -1.16 0.00	20.22 -1.10 0.00	22.75 -1.17 0.00	22.34 -1.71 0.00	31.95 -3.03 0.94	30.24 -2.96 6.43	40.70 -3.88 10.41	33.33 -2.63 7.87	39.99 -2.22 0.00	54.21 -2.63 0.46	47.91 -2.36 0.00	38.71 -2.46 1.22	35.91 -2.84 0.56	39.55 -3.02 0.00	50.76 -4.91 0.00	54.97 -5.72 0.09	46.51 -4.17 0.00	38.41 -3.08 0.00	37.22 -2.67 0.00	37.31 -1.95 0.00	31.74 -1.00 0.00
OXBOW____ 24026	29.14 -0.98 0.00	26.79 -0.94 0.00	21.05 -1.23 0.00	20.02 -1.16 0.00	20.22 -1.10 0.00	22.75 -1.18 0.00	22.34 -1.71 0.00	31.94 -3.04 0.94	30.21 -2.99 6.43	40.67 -3.92 10.41	33.22 -2.74 7.87	39.99 -2.22 0.00	54.23 -2.62 0.46	47.91 -2.36 0.00	38.70 -2.47 1.22	35.91 -2.84 0.56	39.55 -3.02 0.00	50.76 -4.91 0.00	54.97 -5.72 0.09	46.51 -4.18 0.00	38.42 -3.07 0.00	37.22 -2.66 0.00	37.30 -1.95 0.00	31.74 -0.99 0.00
OXY_CHEM_DSASP 323612	28.76 -1.36 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.35 -3.60 0.96	29.40 -3.64 6.58	39.48 -4.85 10.67	32.29 -3.47 8.07	39.29 -2.91 0.00	53.31 -3.52 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.88 -3.69 0.00	49.79 -5.87 0.00	53.87 -6.82 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.68 -2.57 0.00	31.26 -1.48 0.00
OZONE_PARK_ESR 323760	31.45 1.33 0.00	28.93 1.20 0.00	23.34 1.06 0.00	22.16 0.98 0.00	22.28 0.97 0.00	25.08 1.15 0.00	25.45 1.41 0.00	37.89 1.98 0.00	41.66 2.05 0.00	57.57 2.57 0.00	45.81 1.99 0.00	44.06 1.85 0.00	59.62 2.31 0.00	52.51 2.24 0.00	44.54 2.15 0.00	41.53 2.22 -0.01	44.90 2.33 0.00	58.61 2.95 0.00	63.98 3.20 0.00	53.05 2.37 0.00	43.38 1.89 0.00	41.74 1.85 0.00	40.87 1.62 0.00	34.06 1.33 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	28.76 -1.36 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.35 -3.60 0.96	29.40 -3.64 6.58	39.48 -4.85 10.67	32.29 -3.47 8.07	39.29 -2.91 0.00	53.31 -3.52 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.88 -3.69 0.00	49.79 -5.87 0.00	53.87 -6.82 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.68 -2.57 0.00	31.26 -1.48 0.00
PACKARD__115KV_DUPONT_184 80571	28.76 -1.36 0.00	26.44 -1.29 0.00	20.77 -1.52 0.00	19.74 -1.44 0.00	19.94 -1.37 0.00	22.43 -1.50 0.00	21.99 -2.05 0.00	31.35 -3.60 0.96	29.40 -3.64 6.58	39.48 -4.85 10.67	32.29 -3.47 8.07	39.29 -2.91 0.00	53.31 -3.52 0.47	47.13 -3.14 0.00	38.00 -3.14 1.25	35.30 -3.43 0.57	38.88 -3.69 0.00	49.79 -5.87 0.00	53.87 -6.82 0.10	45.63 -5.05 0.00	37.71 -3.78 0.00	36.57 -3.32 0.00	36.68 -2.57 0.00	31.26 -1.48 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.24 1.12 0.00	28.74 1.01 0.00	23.21 0.93 0.00	22.03 0.85 0.00	22.15 0.84 0.00	24.91 0.98 0.00	25.27 1.23 0.00	37.57 1.66 0.00	41.29 1.67 0.00	56.97 1.98 0.00	45.37 1.54 0.00	43.62 1.42 0.00	59.01 1.70 0.00	52.07 1.80 0.00	44.12 1.73 0.00	41.13 1.82 0.00	44.42 1.85 0.00	58.06 2.40 0.00	63.36 2.58 0.00	52.56 1.87 0.00	42.94 1.46 0.00	41.39 1.50 0.00	40.43 1.18 0.00	33.75 1.02 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.26 1.14 0.00	28.74 1.01 0.00	23.22 0.93 0.00	22.04 0.86 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.28 1.23 0.00	37.58 1.67 0.00	41.29 1.68 0.00	56.97 1.98 0.00	45.37 1.55 0.00	43.63 1.42 0.00	59.02 1.71 0.00	52.07 1.80 0.00	44.12 1.73 0.00	41.13 1.82 0.00	44.43 1.86 0.00	58.07 2.41 0.00	63.37 2.59 0.00	52.56 1.87 0.00	42.94 1.46 0.00	41.39 1.50 0.00	40.44 1.19 0.00	33.75 1.02 0.00
PATROON__115KV_TB1 80586	30.43 0.32 0.00	28.02 0.30 0.00	22.63 0.34 0.00	21.51 0.33 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.77 0.86 0.00	40.45 0.83 0.00	56.07 1.08 0.00	44.70 0.88 0.00	42.93 0.73 0.00	58.40 1.10 0.00	51.27 1.00 0.00	43.36 0.97 0.00	40.19 0.88 0.00	43.40 0.83 0.00	56.86 1.20 0.00	62.04 1.26 0.00	51.54 0.86 0.00	42.06 0.58 0.00	40.33 0.45 0.00	39.61 0.35 0.00	32.91 0.18 0.00
PATTRSNVILLE___SOLAR 323815	31.04 0.92 0.00	28.56 0.83 0.00	23.00 0.72 0.00	21.86 0.69 0.00	22.01 0.70 0.00	24.73 0.80 0.00	24.91 0.87 0.00	37.30 1.39 0.00	41.13 1.51 0.00	57.05 2.06 0.00	45.34 1.51 0.00	43.59 1.39 0.00	59.26 1.95 0.00	52.02 1.75 0.00	43.98 1.58 0.00	40.71 1.40 0.00	44.07 1.50 0.00	57.75 2.08 0.00	63.05 2.27 0.00	52.50 1.82 0.00	42.91 1.42 0.00	41.18 1.29 0.00	40.47 1.22 0.00	33.69 0.95 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.78 -0.33 0.00	27.38 -0.35 0.00	21.59 -0.70 0.00	20.52 -0.66 0.00	20.72 -0.60 0.00	23.34 -0.58 0.00	23.06 -0.99 0.00	33.39 -1.84 0.68	32.99 -1.89 4.74	45.13 -2.14 7.72	36.69 -1.29 5.85	41.32 -0.89 0.00	56.25 -0.72 0.34	49.58 -0.70 0.00	40.43 -1.05 0.91	37.34 -1.55 0.42	40.99 -1.58 0.00	52.84 -2.82 0.00	57.37 -3.33 0.09	48.34 -2.34 0.00	39.90 -1.59 0.00	38.56 -1.33 0.00	38.50 -0.75 0.00	32.63 -0.11 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	22.00 0.83 0.00	22.13 0.81 0.00	24.90 0.97 0.00	25.26 1.21 0.00	37.72 1.81 0.00	41.54 1.92 0.00	57.45 2.46 0.00	45.71 1.88 0.00	43.89 1.69 0.00	59.42 2.11 0.00	52.36 2.09 0.00	44.38 1.98 0.00	41.32 2.01 0.00	44.71 2.14 0.00	58.51 2.85 0.00	63.93 3.16 0.00	53.02 2.34 0.00	43.27 1.78 0.00	41.56 1.67 0.00	40.70 1.45 0.00	33.85 1.12 0.00
PEEKSKILL____ 23653	30.89 0.77 0.00	28.44 0.71 0.00	22.95 0.67 0.00	21.80 0.62 0.00	21.92 0.61 0.00	24.66 0.73 0.00	25.00 0.96 0.00	37.27 1.36 0.00	41.02 1.40 0.00	56.76 1.77 0.00	45.11 1.28 0.00	43.32 1.12 0.00	58.66 1.35 0.00	51.69 1.42 0.00	43.80 1.41 0.00	40.80 1.49 0.00	44.14 1.57 0.00	57.73 2.07 0.00	63.07 2.29 0.00	52.27 1.58 0.00	42.69 1.20 0.00	41.04 1.16 0.00	40.22 0.96 0.00	33.50 0.77 0.00

PGE MADISON___WINDPWR 24146	32.09 1.97 0.00	29.52 1.79 0.00	23.70 1.41 0.00	22.55 1.37 0.00	22.77 1.46 0.00	25.70 1.77 0.00	25.81 1.77 0.00	38.78 2.60 -0.27	44.50 3.02 -1.87	61.90 3.90 -3.00	49.06 2.96 -2.28	44.70 2.49 0.00	59.75 2.31 -0.13	52.13 1.86 0.00	44.59 1.85 -0.35	41.25 1.78 -0.16	44.86 2.29 0.00	58.96 3.30 0.00	64.97 4.20 0.01	54.60 3.92 0.00	44.71 3.23 0.00	43.05 3.16 0.00	42.27 3.02 0.00	35.26 2.53 0.00
PIERCEFIELD___HYD 23852	30.82 0.71 0.00	28.38 0.65 0.00	22.61 0.33 0.00	21.42 0.24 0.00	21.53 0.22 0.00	24.05 0.12 0.00	23.81 -0.23 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.37 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.47 0.00	50.48 -0.21 0.00	41.14 -0.35 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
PINELAWN_CC_1 323563	31.28 1.17 0.00	28.71 0.99 0.00	23.25 0.96 0.00	22.06 0.88 0.00	22.07 0.76 0.00	24.74 0.82 0.00	25.02 0.97 0.00	37.11 1.20 0.00	41.02 1.40 0.00	56.78 1.79 0.00	45.27 1.44 0.00	43.54 1.33 0.00	58.54 1.24 0.00	51.58 1.30 0.00	39.73 1.17 3.84	40.79 1.49 0.01	44.16 1.59 0.00	57.52 1.85 0.00	62.53 1.76 0.00	51.92 1.23 0.00	42.63 1.14 0.00	41.04 1.16 0.00	40.47 1.21 0.00	33.72 0.99 0.00
PJM_GEN_HTP_PROXY 323702	31.14 1.02 0.00	28.65 0.92 0.00	23.13 0.84 0.00	21.96 0.78 0.00	22.09 0.78 0.00	24.85 0.92 0.00	25.63 1.17 -0.42	37.63 1.62 -0.09	42.54 1.67 -1.25	57.11 2.12 0.00	45.42 1.60 0.00	43.67 1.47 0.00	59.52 1.80 -0.41	52.02 1.80 0.06	44.16 1.77 0.00	41.17 1.85 -0.01	44.49 1.92 0.00	58.10 2.44 0.00	63.95 2.65 -0.52	52.56 1.87 0.00	42.94 1.45 0.00	40.25 1.43 1.08	42.15 1.22 -1.68	33.73 1.00 0.00
PJM_GEN_KEystone 24065	29.84 -0.28 0.00	27.97 -0.22 -0.46	22.00 -0.29 0.00	20.90 -0.28 0.00	21.06 -0.25 0.00	23.73 -0.19 0.00	24.21 -0.26 -0.42	35.33 -0.53 0.06	37.92 -0.67 1.02	55.99 -0.78 -1.77	37.60 -0.61 5.63	36.34 -0.58 5.29	55.59 -0.59 1.13	48.91 -0.39 0.97	41.20 -0.42 0.78	38.47 -0.46 0.38	41.67 -0.48 0.42	54.78 -0.80 0.08	60.34 -0.92 -0.48	56.27 -0.83 -6.41	40.85 -0.54 0.10	38.38 -0.43 1.08	40.66 -0.27 -1.68	32.70 -0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.06 0.94 0.00	28.53 0.80 0.00	23.08 0.80 0.00	21.91 0.73 0.00	21.95 0.64 0.00	24.74 0.81 0.00	25.48 1.01 -0.42	37.33 1.32 -0.09	42.34 1.47 -1.25	56.84 1.84 0.00	45.31 1.48 0.00	43.58 1.37 0.00	59.11 1.40 -0.41	51.70 1.48 0.06	39.13 1.41 4.67	40.94 1.65 0.02	44.34 1.77 0.00	57.89 2.23 0.00	63.49 2.18 -0.52	52.26 1.58 0.00	42.73 1.24 0.00	40.01 1.20 1.08	41.90 0.97 -1.68	33.53 0.80 0.00
PJM_GEN_VFT_PROXY 323633	31.06 0.94 0.00	28.59 0.86 0.00	23.07 0.78 0.00	21.90 0.73 0.00	22.03 0.72 0.00	24.79 0.87 0.00	25.58 1.11 -0.42	37.52 1.52 -0.09	42.36 1.49 -1.25	56.76 1.76 0.00	36.77 1.27 8.33	35.75 1.17 7.63	38.63 1.40 20.08	36.69 1.48 13.08	37.35 1.60 7.18	38.21 1.65 3.56	56.66 2.08 6.01	63.60 2.30 1.08	52.24 1.56 -0.52	41.27 1.21 0.00	40.05 1.24 1.43	41.95 1.02 1.08	33.61 0.88 -1.68	
PLATSBURG_115KV_PMLD1 355749	31.45 1.33 0.00	29.00 1.27 0.00	23.15 0.86 0.00	22.03 0.86 0.00	22.01 0.70 0.00	24.30 0.37 0.00	24.63 0.58 0.00	36.64 0.73 0.00	40.43 0.81 0.00	55.67 0.67 0.00	44.53 0.71 0.00	43.42 1.21 0.00	58.95 1.65 0.00	51.07 0.79 0.00	42.87 0.47 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.19 2.50 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.58 1.33 0.00	33.36 0.62 0.00
PLEASANTVLY___LBMP 24000	30.83 0.71 0.00	28.38 0.65 0.00	22.92 0.63 0.00	21.77 0.59 0.00	21.89 0.58 0.00	24.61 0.69 0.00	24.95 0.91 0.00	37.23 1.32 0.00	40.99 1.37 0.00	56.72 1.72 0.00	45.14 1.31 0.00	43.35 1.14 0.00	58.76 1.45 0.00	51.76 1.48 0.00	43.84 1.44 0.00	40.81 1.50 0.00	44.11 1.54 0.00	57.69 2.03 0.00	62.99 2.21 0.00	52.22 1.54 0.00	42.63 1.14 0.00	40.96 1.07 0.00	40.15 0.90 0.00	33.42 0.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.05 0.92 0.00	28.56 0.84 0.00	23.06 0.77 0.00	21.91 0.73 0.00	22.03 0.72 0.00	24.78 0.85 0.00	25.12 1.07 0.00	37.45 1.54 0.00	41.22 1.60 0.00	57.02 2.03 0.00	45.37 1.54 0.00	43.57 1.36 0.00	58.99 1.69 0.00	51.98 1.70 0.00	44.04 1.64 0.00	41.02 1.71 0.00	44.36 1.79 0.00	57.99 2.33 0.00	63.33 2.55 0.00	52.50 1.82 0.00	42.88 1.39 0.00	41.23 1.35 0.00	40.40 1.15 0.00	33.61 0.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.05 0.92 0.00	28.56 0.84 0.00	23.06 0.77 0.00	21.91 0.73 0.00	22.03 0.72 0.00	24.78 0.85 0.00	25.12 1.07 0.00	37.45 1.54 0.00	41.22 1.60 0.00	57.02 2.03 0.00	45.37 1.54 0.00	43.57 1.36 0.00	58.99 1.69 0.00	51.98 1.70 0.00	44.04 1.64 0.00	41.02 1.71 0.00	44.36 1.79 0.00	57.99 2.33 0.00	63.33 2.55 0.00	52.50 1.82 0.00	42.88 1.39 0.00	41.23 1.35 0.00	40.40 1.15 0.00	33.61 0.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.04 0.92 0.00	28.56 0.83 0.00	23.06 0.78 0.00	21.90 0.72 0.00	22.02 0.71 0.00	24.76 0.84 0.00	25.11 1.06 0.00	37.50 1.59 0.00	41.31 1.69 0.00	57.23 2.24 0.00	45.55 1.72 0.00	43.71 1.51 0.00	59.16 1.86 0.00	52.11 1.83 0.00	44.17 1.77 0.00	41.14 1.83 0.00	44.49 1.93 0.00	58.24 2.58 0.00	63.67 2.89 0.00	52.81 2.12 0.00	43.09 1.61 0.00	41.36 1.47 0.00	40.52 1.26 0.00	33.71 0.97 0.00
POLETTI_____ 23519	31.17 1.05 0.00	28.68 0.95 0.00	23.16 0.87 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.94 0.00	25.24 1.19 0.00	37.55 1.64 0.00	41.28 1.66 0.00	57.04 2.04 0.00	45.38 1.55 0.00	43.63 1.42 0.00	59.05 1.75 0.00	52.02 1.75 0.00	44.13 1.74 0.00	41.15 1.83 -0.01	44.49 1.92 0.00	58.07 2.41 0.00	63.41 2.63 0.00	52.55 1.86 0.00	42.94 1.45 0.00	41.35 1.46 0.00	40.47 1.22 0.00	33.75 1.01 0.00
POMONA____ESR 323819	30.74 0.62 0.00	28.32 0.60 0.00	22.84 0.55 0.00	21.70 0.52 0.00	21.83 0.52 0.00	24.56 0.63 0.00	24.89 0.84 0.00	37.13 1.22 0.00	40.83 1.21 0.00	56.50 1.51 0.00	44.84 1.02 0.00	43.02 0.81 0.00	58.25 0.95 0.00	51.37 1.09 0.00	43.51 1.12 0.00	40.52 1.22 0.00	43.87 1.31 0.00	57.48 1.81 0.00	62.82 2.04 0.00	52.00 1.32 0.00	42.50 1.01 0.00	40.86 0.97 0.00	40.06 0.80 0.00	33.37 0.63 0.00
PORT_JEFF_3 23555	31.28 1.17 0.00	28.70 0.97 0.00	23.26 0.97 0.00	22.09 0.91 0.00	22.09 0.77 0.00	24.95 1.03 0.00	25.30 1.26 0.00	37.51 1.60 0.00	41.44 1.82 0.00	57.39 2.40 0.00	45.83 2.00 0.00	44.09 1.88 0.00	59.28 1.97 0.00	52.22 1.94 0.00	39.69 1.63 4.33	41.22 1.93 0.02	44.75 2.18 0.00	58.49 2.83 0.00	63.15 2.37 0.00	52.47 1.79 0.00	43.11 1.62 0.00	41.35 1.47 0.00	40.42 1.17 0.00	33.68 0.94 0.00

PORT_JEFF_4 23616	31.28 1.17 0.00	28.70 0.97 0.00	23.26 0.97 0.00	22.09 0.91 0.00	22.09 0.77 0.00	24.95 1.03 0.00	25.30 1.26 0.00	37.51 1.60 0.00	41.44 1.82 0.00	57.39 2.40 0.00	45.83 2.00 0.00	44.09 1.88 0.00	59.28 1.97 0.00	52.22 1.94 0.00	39.69 1.63 4.33	41.22 1.93 0.02	44.75 2.18 0.00	58.49 2.83 0.00	63.15 2.37 0.00	52.47 1.79 0.00	43.11 1.62 0.00	41.35 1.47 0.00	40.42 1.17 0.00	33.68 0.94 0.00
PORT_JEFF_IC 23713	31.30 1.19 0.00	28.72 0.99 0.00	23.27 0.99 0.00	22.10 0.93 0.00	22.10 0.78 0.00	24.96 1.04 0.00	25.31 1.27 0.00	37.54 1.62 0.00	41.47 1.85 0.00	57.42 2.43 0.00	45.88 2.05 0.00	44.11 1.91 0.00	59.30 1.99 0.00	52.24 1.96 0.00	39.72 1.64 4.31	41.24 1.95 0.02	44.76 2.19 0.00	58.52 2.86 0.00	62.97 2.19 0.00	52.34 1.66 0.00	43.14 1.65 0.00	41.36 1.48 0.00	40.43 1.18 0.00	33.69 0.95 0.00
PPL_PILGRIM_ST_GT1 24216	31.44 1.31 0.00	28.84 1.12 0.00	23.36 1.08 0.00	22.18 1.00 0.00	22.17 0.86 0.00	25.03 1.10 0.00	25.35 1.31 0.00	37.62 1.71 0.00	41.55 1.94 0.00	57.42 2.43 0.00	45.95 2.12 0.00	44.19 1.99 0.00	59.45 2.14 0.00	52.37 2.10 0.00	39.93 1.79 4.25	41.38 2.09 0.02	44.89 2.32 0.00	58.66 3.00 0.00	63.69 2.91 0.00	52.91 2.22 0.00	43.31 1.82 0.00	41.55 1.67 0.00	40.61 1.35 0.00	33.85 1.11 0.00
PPL_PILGRIM_ST_GT2 24217	31.44 1.31 0.00	28.84 1.12 0.00	23.36 1.08 0.00	22.18 1.00 0.00	22.17 0.86 0.00	25.03 1.10 0.00	25.35 1.31 0.00	37.62 1.71 0.00	41.55 1.94 0.00	57.42 2.43 0.00	45.95 2.12 0.00	44.19 1.99 0.00	59.45 2.14 0.00	52.37 2.10 0.00	39.93 1.79 4.25	41.38 2.09 0.02	44.89 2.32 0.00	58.66 3.00 0.00	63.69 2.91 0.00	52.91 2.22 0.00	43.31 1.82 0.00	41.55 1.67 0.00	40.61 1.35 0.00	33.85 1.11 0.00
PPL_SHRM_GT3 24213	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.10 0.00	25.40 1.36 0.00	37.65 1.74 0.00	41.59 1.98 0.00	57.62 2.63 0.00	46.02 2.20 0.00	44.28 2.08 0.00	59.48 2.18 0.00	52.33 2.06 0.00	39.75 1.68 4.32	41.24 1.95 0.02	44.85 2.28 0.00	58.65 2.99 0.00	63.43 2.65 0.00	52.68 2.00 0.00	43.11 1.62 0.00	41.33 1.45 0.00	40.41 1.16 0.00	33.64 0.90 0.00
PPL_SHRM_GT4 24214	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.10 0.00	25.40 1.36 0.00	37.65 1.74 0.00	41.59 1.98 0.00	57.62 2.63 0.00	46.02 2.20 0.00	44.28 2.08 0.00	59.48 2.18 0.00	52.33 2.06 0.00	39.75 1.68 4.32	41.24 1.95 0.02	44.85 2.28 0.00	58.65 2.99 0.00	63.43 2.65 0.00	52.68 2.00 0.00	43.11 1.62 0.00	41.33 1.45 0.00	40.41 1.16 0.00	33.64 0.90 0.00
PROJECT___ORANGE 1 24174	29.69 -0.43 0.00	27.33 -0.40 0.00	21.93 -0.36 0.00	20.86 -0.32 0.00	21.01 -0.30 0.00	23.61 -0.32 0.00	23.69 -0.36 0.00	35.37 -0.55 0.00	39.12 -0.50 0.00	54.40 -0.60 0.00	43.43 -0.40 0.00	41.82 -0.39 0.00	56.84 -0.47 0.00	49.86 -0.41 0.00	42.05 -0.35 0.00	38.98 -0.33 0.00	42.24 -0.33 0.00	55.12 -0.54 0.00	60.13 -0.65 0.00	50.19 -0.49 0.00	41.09 -0.40 0.00	39.49 -0.40 0.00	38.86 -0.39 0.00	32.46 -0.27 0.00
PROJECT___ORANGE 2 24166	29.69 -0.43 0.00	27.33 -0.40 0.00	21.93 -0.36 0.00	20.86 -0.32 0.00	21.01 -0.30 0.00	23.61 -0.32 0.00	23.69 -0.36 0.00	35.37 -0.55 0.00	39.12 -0.50 0.00	54.40 -0.60 0.00	43.43 -0.40 0.00	41.82 -0.39 0.00	56.84 -0.47 0.00	49.86 -0.41 0.00	42.05 -0.35 0.00	38.98 -0.33 0.00	42.24 -0.33 0.00	55.12 -0.54 0.00	60.13 -0.65 0.00	50.19 -0.49 0.00	41.09 -0.40 0.00	39.49 -0.40 0.00	38.86 -0.39 0.00	32.46 -0.27 0.00
PUCKETT___SOLAR 323809	30.43 0.31 0.00	28.02 0.29 0.00	22.48 0.20 0.00	21.39 0.21 0.00	21.54 0.23 0.00	24.26 0.33 0.00	24.29 0.25 0.00	36.34 0.30 -0.13	41.21 0.33 -1.27	57.44 0.39 -2.06	45.70 0.32 -1.55	42.35 0.14 0.00	57.52 0.12 -0.09	50.33 0.05 0.00	42.70 0.07 -0.24	39.58 0.16 -0.11	42.93 0.36 0.00	56.14 0.48 0.00	61.38 0.62 0.02	51.34 0.65 0.00	42.11 0.62 0.00	40.60 0.72 0.00	39.99 0.74 0.00	33.43 0.70 0.00
PYRITES___HYD 24023	31.37 1.25 0.00	28.92 1.19 0.00	23.04 0.75 0.00	21.82 0.64 0.00	21.96 0.65 0.00	24.58 0.65 0.00	24.52 0.48 0.00	35.96 0.05 0.00	40.10 0.49 0.00	57.32 2.32 0.00	46.75 2.93 0.00	45.40 3.19 0.00	60.90 3.59 0.00	51.74 1.47 0.00	43.33 0.94 0.00	39.64 0.33 0.00	42.67 0.10 0.00	56.67 1.00 0.00	62.51 1.72 0.00	52.38 1.69 0.00	42.69 1.20 0.00	40.94 1.05 0.00	40.67 1.42 0.00	34.28 1.55 0.00
QUAKERRD_115KV_BK1 80622	29.84 -0.28 0.00	27.44 -0.29 0.00	21.82 -0.47 0.00	20.75 -0.43 0.00	20.94 -0.37 0.00	23.57 -0.35 0.00	23.48 -0.57 0.00	34.91 -1.00 0.00	38.78 -0.84 0.00	54.00 -0.99 0.00	43.23 -0.60 0.00	41.77 -0.44 0.00	56.93 -0.38 0.00	49.90 -0.37 0.00	41.81 -0.59 0.00	38.53 -0.78 0.00	41.76 -0.81 0.00	54.24 -1.43 0.00	59.12 -1.67 -0.01	49.58 -1.11 0.00	40.71 -0.78 0.00	39.19 -0.70 0.00	38.83 -0.43 0.00	32.64 -0.10 0.00
QUENSBRY_115KV_TB8 356137	31.15 1.03 0.00	28.66 0.94 0.00	23.10 0.81 0.00	21.94 0.76 0.00	22.08 0.77 0.00	24.86 0.93 0.00	25.12 1.07 0.00	37.96 2.05 0.00	42.20 2.58 0.00	58.61 3.62 0.00	46.68 2.85 0.00	44.86 2.65 0.00	61.06 3.76 0.00	53.62 3.34 0.00	45.31 2.92 0.00	41.86 2.55 0.00	45.15 2.58 0.00	59.33 3.67 0.00	64.64 3.86 0.00	53.65 2.96 0.00	43.70 2.21 0.00	41.87 1.99 0.00	41.15 1.90 0.00	34.07 1.33 0.00
RAMAPO___LBMP 323565	30.66 0.54 0.00	28.25 0.53 0.00	22.79 0.50 0.00	21.64 0.47 0.00	21.78 0.47 0.00	24.51 0.58 0.00	24.83 0.78 0.00	37.03 1.12 0.00	40.73 1.11 0.00	56.36 1.36 0.00	44.75 0.93 0.00	42.91 0.70 0.00	58.10 0.79 0.00	51.23 0.96 0.00	43.40 1.00 0.00	40.41 1.10 0.00	43.74 1.18 0.00	57.30 1.64 0.00	62.64 1.86 0.00	51.85 1.17 0.00	42.37 0.88 0.00	40.74 0.85 0.00	39.94 0.68 0.00	33.28 0.55 0.00
RANKINE____ 23646	29.56 -0.56 0.00	27.16 -0.57 0.00	21.39 -0.89 0.00	20.34 -0.84 0.00	20.54 -0.77 0.00	23.11 -0.82 0.00	22.78 -1.27 0.00	32.88 -2.28 0.75	32.16 -2.28 5.18	43.85 -2.72 8.42	35.72 -1.73 6.37	40.88 -1.33 0.00	55.62 -1.32 0.37	49.06 -1.21 0.00	39.92 -1.48 0.99	36.84 -2.02 0.45	40.47 -2.09 0.00	52.14 -3.52 0.00	56.55 -4.14 0.09	47.74 -2.95 0.00	39.43 -2.06 0.00	38.14 -1.75 0.00	38.11 -1.14 0.00	32.35 -0.38 0.00
RAVENSWOOD_GT2_1 24244	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.14 1.84 0.00	52.11 1.83 0.00	44.19 1.79 0.00	41.20 1.88 -0.01	44.51 1.94 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.59 1.91 0.00	42.99 1.50 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00

RAVENSWOOD_GT2_2 24245	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.14 1.84 0.00	52.11 1.83 0.00	44.19 1.79 0.00	41.20 1.88 -0.01	44.51 1.94 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.59 1.91 0.00	42.99 1.50 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00
RAVENSWOOD_GT2_3 24246	31.23 1.11 0.00	28.74 1.01 0.00	23.20 0.91 0.00	22.02 0.85 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.29 1.24 0.00	37.63 1.72 0.00	41.38 1.76 0.00	57.18 2.19 0.00	45.50 1.67 0.00	43.73 1.52 0.00	59.17 1.87 0.00	52.15 1.88 0.00	44.22 1.83 0.00	41.22 1.90 -0.01	44.53 1.96 0.00	58.15 2.49 0.00	63.49 2.71 0.00	52.63 1.94 0.00	43.02 1.53 0.00	41.42 1.53 0.00	40.55 1.29 0.00	33.80 1.07 0.00
RAVENSWOOD_GT2_4 24247	31.23 1.11 0.00	28.74 1.01 0.00	23.20 0.91 0.00	22.02 0.85 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.29 1.24 0.00	37.63 1.72 0.00	41.38 1.76 0.00	57.18 2.19 0.00	45.50 1.67 0.00	43.73 1.52 0.00	59.17 1.87 0.00	52.15 1.88 0.00	44.22 1.83 0.00	41.22 1.90 -0.01	44.53 1.96 0.00	58.15 2.49 0.00	63.49 2.71 0.00	52.63 1.94 0.00	43.02 1.53 0.00	41.42 1.53 0.00	40.55 1.29 0.00	33.80 1.07 0.00
RAVENSWOOD_GT3_1 24248	31.23 1.11 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.92 0.99 0.00	25.27 1.23 0.00	37.61 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.52 1.95 0.00	58.11 2.45 0.00	63.46 2.68 0.00	52.60 1.92 0.00	43.00 1.51 0.00	41.39 1.50 0.00	40.53 1.28 0.00	33.78 1.05 0.00
RAVENSWOOD_GT3_2 24249	31.23 1.11 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.92 0.99 0.00	25.27 1.23 0.00	37.61 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.52 1.95 0.00	58.11 2.45 0.00	63.46 2.68 0.00	52.60 1.92 0.00	43.00 1.51 0.00	41.39 1.50 0.00	40.53 1.28 0.00	33.78 1.05 0.00
RAVENSWOOD_GT3_3 24250	31.23 1.11 0.00	28.73 1.00 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.92 0.99 0.00	25.27 1.23 0.00	37.61 1.69 0.00	41.35 1.74 0.00	57.14 2.15 0.00	45.47 1.64 0.00	43.71 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.52 1.95 0.00	58.12 2.46 0.00	63.46 2.68 0.00	52.61 1.92 0.00	43.00 1.51 0.00	41.39 1.50 0.00	40.53 1.28 0.00	33.78 1.05 0.00
RAVENSWOOD_GT3_4 24251	31.23 1.11 0.00	28.73 1.00 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.92 0.99 0.00	25.27 1.23 0.00	37.61 1.69 0.00	41.35 1.74 0.00	57.14 2.15 0.00	45.47 1.64 0.00	43.71 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.52 1.95 0.00	58.12 2.46 0.00	63.46 2.68 0.00	52.61 1.92 0.00	43.00 1.51 0.00	41.39 1.50 0.00	40.53 1.28 0.00	33.78 1.05 0.00
RAVENSWOOD_GT_1 23729	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.76 0.00	41.44 1.83 0.00	57.21 2.22 0.00	45.55 1.73 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.97 0.00	44.30 1.91 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.62 1.36 0.00	33.88 1.15 0.00
RAVENSWOOD_GT_10 24258	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.11 1.83 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.51 1.95 0.00	58.10 2.44 0.00	63.44 2.66 0.00	52.60 1.91 0.00	42.99 1.51 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00
RAVENSWOOD_GT_11 24259	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.11 1.83 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.51 1.95 0.00	58.10 2.44 0.00	63.44 2.66 0.00	52.60 1.91 0.00	42.99 1.51 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00
RAVENSWOOD_GT_4 24252	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	21.99 0.82 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.26 1.21 0.00	37.60 1.69 0.00	41.34 1.72 0.00	57.14 2.14 0.00	45.45 1.62 0.00	43.68 1.48 0.00	59.12 1.81 0.00	52.08 1.81 0.00	44.17 1.78 0.00	41.17 1.85 -0.01	44.49 1.92 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.58 1.89 0.00	42.98 1.49 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.76 1.03 0.00
RAVENSWOOD_GT_5 24254	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	21.99 0.82 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.26 1.21 0.00	37.60 1.69 0.00	41.34 1.72 0.00	57.14 2.14 0.00	45.45 1.62 0.00	43.68 1.48 0.00	59.12 1.81 0.00	52.08 1.81 0.00	44.17 1.78 0.00	41.17 1.85 -0.01	44.49 1.92 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.58 1.89 0.00	42.98 1.49 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.76 1.03 0.00
RAVENSWOOD_GT_6 24253	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	21.99 0.82 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.26 1.21 0.00	37.60 1.69 0.00	41.34 1.72 0.00	57.14 2.14 0.00	45.45 1.62 0.00	43.68 1.48 0.00	59.12 1.81 0.00	52.08 1.81 0.00	44.17 1.78 0.00	41.17 1.85 -0.01	44.49 1.92 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.58 1.89 0.00	42.98 1.49 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.76 1.03 0.00
RAVENSWOOD_GT_7 24255	31.20 1.08 0.00	28.70 0.97 0.00	23.17 0.89 0.00	21.99 0.82 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.26 1.21 0.00	37.60 1.69 0.00	41.34 1.72 0.00	57.14 2.14 0.00	45.45 1.62 0.00	43.68 1.48 0.00	59.12 1.81 0.00	52.08 1.81 0.00	44.17 1.78 0.00	41.17 1.85 -0.01	44.49 1.92 0.00	58.10 2.44 0.00	63.43 2.65 0.00	52.58 1.89 0.00	42.98 1.49 0.00	41.37 1.48 0.00	40.50 1.25 0.00	33.76 1.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.11 1.83 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.51 1.95 0.00	58.10 2.44 0.00	63.44 2.66 0.00	52.60 1.91 0.00	42.99 1.51 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00

RAVENSWOOD_GT_9 24257	31.22 1.10 0.00	28.72 0.99 0.00	23.19 0.90 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.91 0.98 0.00	25.27 1.22 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.47 1.64 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.11 1.83 0.00	44.19 1.80 0.00	41.20 1.89 -0.01	44.51 1.95 0.00	58.10 2.44 0.00	63.44 2.66 0.00	52.60 1.91 0.00	42.99 1.51 0.00	41.39 1.50 0.00	40.52 1.27 0.00	33.78 1.04 0.00
RAVENSWOOD___1 23533	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.67 1.77 0.00	41.43 1.82 0.00	57.22 2.22 0.00	45.51 1.68 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.96 0.00	44.31 1.92 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.61 1.36 0.00	33.88 1.15 0.00
RAVENSWOOD___2 23534	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.67 1.77 0.00	41.43 1.82 0.00	57.22 2.22 0.00	45.51 1.68 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.96 0.00	44.31 1.92 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.61 1.36 0.00	33.88 1.15 0.00
RAVENSWOOD___3 23535	31.23 1.11 0.00	28.72 0.99 0.00	23.19 0.91 0.00	22.02 0.84 0.00	22.14 0.83 0.00	24.92 0.99 0.00	25.27 1.23 0.00	37.60 1.69 0.00	41.35 1.73 0.00	57.14 2.14 0.00	45.44 1.62 0.00	43.70 1.50 0.00	59.16 1.85 0.00	52.12 1.84 0.00	44.19 1.80 0.00	41.20 1.88 -0.01	44.52 1.95 0.00	58.12 2.45 0.00	63.46 2.68 0.00	52.60 1.92 0.00	43.00 1.51 0.00	41.40 1.51 0.00	40.53 1.28 0.00	33.79 1.05 0.00
RAVENSWOOD___4 23820	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.99 1.06 0.00	25.35 1.30 0.00	37.67 1.77 0.00	41.43 1.82 0.00	57.22 2.22 0.00	45.51 1.68 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.96 0.00	44.31 1.92 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.61 1.36 0.00	33.88 1.15 0.00
RCPI_TRUST___DRP 24196	31.18 1.06 0.00	28.68 0.95 0.00	23.15 0.87 0.00	21.98 0.80 0.00	22.11 0.80 0.00	24.87 0.95 0.00	25.24 1.19 0.00	37.59 1.67 0.00	41.35 1.73 0.00	57.20 2.21 0.00	45.52 1.69 0.00	43.75 1.54 0.00	59.21 1.90 0.00	52.16 1.89 0.00	44.24 1.85 0.00	41.23 1.91 -0.01	44.56 1.99 0.00	58.16 2.50 0.00	63.49 2.71 0.00	52.62 1.93 0.00	42.98 1.49 0.00	41.37 1.48 0.00	40.52 1.27 0.00	33.77 1.04 0.00
RED___ROCHESTER 323720	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	35.00 -0.77 0.14	37.75 -0.54 1.33	52.28 -0.55 2.16	42.04 -0.16 1.63	42.18 -0.03 0.00	57.41 0.20 0.09	50.40 0.12 0.00	41.90 -0.23 0.25	38.70 -0.49 0.12	42.05 -0.52 0.00	54.55 -1.11 0.00	59.49 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
REGAN___SOLAR 323812	31.83 1.71 0.00	29.29 1.56 0.00	23.52 1.23 0.00	22.35 1.17 0.00	22.52 1.21 0.00	25.34 1.42 0.00	25.54 1.50 0.00	38.23 2.32 0.00	42.20 2.58 0.00	58.62 3.62 0.00	46.47 2.64 0.00	44.64 2.43 0.00	60.58 3.28 0.00	53.46 3.19 0.00	45.03 2.63 0.00	41.72 2.41 0.00	45.31 2.74 0.00	59.50 3.84 0.00	64.99 4.21 0.00	54.21 3.53 0.00	44.35 2.86 0.00	42.48 2.60 0.00	41.70 2.45 0.00	34.71 1.98 0.00
RENSSELAER___COGEN 23796	30.29 0.17 0.00	27.89 0.16 0.00	22.53 0.25 0.00	21.41 0.23 0.00	21.55 0.24 0.00	24.20 0.28 0.00	24.45 0.40 0.00	36.60 0.68 0.00	40.23 0.61 0.00	55.77 0.77 0.00	44.44 0.61 0.00	42.67 0.46 0.00	58.04 0.73 0.00	50.96 0.69 0.00	43.07 0.67 0.00	39.94 0.63 0.00	43.13 0.56 0.00	56.52 0.86 0.00	61.67 0.89 0.00	51.25 0.56 0.00	41.82 0.33 0.00	40.12 0.23 0.00	39.40 0.14 0.00	32.75 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.53 2.41 0.00	29.97 2.24 0.00	24.13 1.85 0.00	22.88 1.70 0.00	23.00 1.69 0.00	26.02 2.10 0.00	26.43 2.38 0.00	40.48 4.57 0.00	45.63 6.02 0.00	63.46 8.47 0.00	50.64 6.81 0.00	48.71 6.51 0.00	66.24 8.93 0.00	58.08 7.81 0.00	49.05 6.65 0.00	45.30 5.99 0.00	48.63 6.06 0.00	64.44 8.78 0.00	69.70 8.92 0.00	57.79 7.11 0.00	46.88 5.39 0.00	45.01 5.12 0.00	44.37 5.12 0.00	36.44 3.71 0.00
REVERE_CPFR_DRP 24186	30.90 0.78 0.00	28.43 0.70 0.00	22.83 0.55 0.00	21.67 0.49 0.00	21.82 0.51 0.00	24.60 0.67 0.00	24.73 0.68 0.00	36.96 1.05 0.00	40.93 1.32 0.00	57.08 2.08 0.00	45.58 1.75 0.00	43.94 1.73 0.00	59.47 2.16 0.00	52.03 1.75 0.00	43.82 1.42 0.00	40.62 1.31 0.00	44.12 1.55 0.00	57.74 2.07 0.00	63.05 2.27 0.00	52.57 1.89 0.00	42.98 1.49 0.00	41.16 1.27 0.00	40.52 1.27 0.00	33.73 1.00 0.00
REYNOLDS_115KV_TB3 80639	30.57 0.45 0.00	28.15 0.42 0.00	22.74 0.45 0.00	21.61 0.43 0.00	21.75 0.44 0.00	24.42 0.50 0.00	24.66 0.62 0.00	36.94 1.02 0.00	40.61 0.99 0.00	56.28 1.29 0.00	44.86 1.03 0.00	43.07 0.87 0.00	58.59 1.29 0.00	51.45 1.18 0.00	43.50 1.11 0.00	40.33 1.03 0.00	43.52 0.95 0.00	57.03 1.37 0.00	62.21 1.43 0.00	51.66 0.98 0.00	42.16 0.67 0.00	40.43 0.55 0.00	39.72 0.47 0.00	33.01 0.28 0.00
RIVERBAY____ 323610	31.26 1.14 0.00	28.74 1.01 0.00	23.22 0.93 0.00	22.04 0.86 0.00	22.15 0.84 0.00	24.92 0.99 0.00	25.28 1.23 0.00	37.58 1.67 0.00	41.29 1.68 0.00	56.97 1.98 0.00	45.37 1.55 0.00	43.63 1.42 0.00	59.02 1.71 0.00	52.07 1.80 0.00	44.12 1.73 0.00	41.13 1.82 0.00	44.43 1.86 0.00	58.07 2.41 0.00	63.37 2.59 0.00	52.56 1.87 0.00	42.94 1.46 0.00	41.39 1.50 0.00	40.44 1.19 0.00	33.75 1.02 0.00
RIVERSIDE_115KV_TB3 55908	30.44 0.32 0.00	28.03 0.31 0.00	22.64 0.36 0.00	21.52 0.34 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.79 0.88 0.00	40.45 0.83 0.00	56.06 1.07 0.00	44.68 0.86 0.00	42.92 0.71 0.00	58.36 1.06 0.00	51.25 0.98 0.00	43.34 0.94 0.00	40.18 0.87 0.00	43.37 0.80 0.00	56.82 1.16 0.00	61.98 1.20 0.00	51.50 0.82 0.00	42.03 0.54 0.00	40.31 0.42 0.00	39.59 0.34 0.00	32.90 0.17 0.00
ROARING___BROOK_WT_PWR 323790	30.14 0.02 0.00	27.75 0.03 0.00	22.24 -0.05 0.00	20.98 -0.20 0.00	21.06 -0.25 0.00	23.67 -0.25 0.00	23.65 -0.39 0.00	35.20 -0.72 0.00	38.78 -0.83 0.00	54.10 -0.90 0.00	43.03 -0.79 0.00	41.42 -0.79 0.00	55.88 -1.42 0.00	48.97 -1.31 0.00	41.01 -1.38 0.00	37.96 -1.34 0.00	41.42 -1.15 0.00	54.47 -1.20 0.00	59.88 -0.90 0.00	50.06 -0.62 0.00	41.02 -0.47 0.00	39.33 -0.56 0.00	38.84 -0.41 0.00	32.47 -0.27 0.00

ROCHESRG_115KV_T4 355643	29.77 -0.35 0.00	27.38 -0.35 0.00	21.72 -0.56 0.00	20.66 -0.52 0.00	20.85 -0.47 0.00	23.46 -0.46 0.00	23.33 -0.72 0.00	34.43 -1.26 0.22	36.99 -1.11 1.52	51.15 -1.38 2.46	41.10 -0.87 1.86	41.54 -0.66 0.00	56.55 -0.65 0.11	49.65 -0.62 0.00	41.25 -0.85 0.29	38.11 -1.06 0.13	41.45 -1.12 0.00	53.71 -1.95 0.00	58.53 -2.26 -0.01	49.16 -1.53 0.00	40.39 -1.10 0.00	38.93 -0.96 0.00	38.64 -0.62 0.00	32.54 -0.19 0.00
ROCHESTER_9_IC 23652	29.95 -0.17 0.00	27.53 -0.20 0.00	21.85 -0.43 0.00	20.78 -0.40 0.00	20.97 -0.34 0.00	23.62 -0.30 0.00	23.48 -0.56 0.00	34.76 -1.01 0.14	37.47 -0.81 1.33	51.89 -0.95 2.16	41.66 -0.54 1.63	41.87 -0.34 0.00	57.00 -0.21 0.09	50.04 -0.23 0.00	41.60 -0.54 0.25	38.42 -0.77 0.12	41.75 -0.82 0.00	54.14 -1.52 0.00	59.00 -1.80 -0.01	49.56 -1.13 0.00	40.71 -0.78 0.00	39.21 -0.68 0.00	38.91 -0.34 0.00	32.76 0.03 0.00
ROCKVIEW_13_KV_LD 356306	31.15 1.04 0.00	28.66 0.94 0.00	23.13 0.85 0.00	21.97 0.80 0.00	22.09 0.78 0.00	24.86 0.93 0.00	25.21 1.17 0.00	37.57 1.66 0.00	41.37 1.75 0.00	57.24 2.25 0.00	45.55 1.72 0.00	43.76 1.55 0.00	59.23 1.93 0.00	52.19 1.91 0.00	44.24 1.85 0.00	41.22 1.91 0.00	44.58 2.01 0.00	58.27 2.61 0.00	63.61 2.83 0.00	52.72 2.04 0.00	43.07 1.58 0.00	41.42 1.53 0.00	40.57 1.32 0.00	33.78 1.05 0.00
ROME____115KV_TB2 80656	30.90 0.78 0.00	28.43 0.70 0.00	22.83 0.55 0.00	21.67 0.49 0.00	21.82 0.51 0.00	24.60 0.67 0.00	24.73 0.68 0.00	36.96 1.05 0.00	40.93 1.32 0.00	57.08 2.08 0.00	45.58 1.75 0.00	43.94 1.73 0.00	59.47 2.16 0.00	52.03 1.75 0.00	43.82 1.42 0.00	40.62 1.31 0.00	44.12 1.55 0.00	57.74 2.07 0.00	63.05 2.27 0.00	52.57 1.89 0.00	42.98 1.49 0.00	41.16 1.27 0.00	40.52 1.27 0.00	33.73 1.00 0.00
ROSETON___1 23587	30.78 0.66 0.00	28.33 0.60 0.00	22.87 0.58 0.00	21.73 0.55 0.00	21.85 0.54 0.00	24.57 0.64 0.00	24.88 0.83 0.00	37.12 1.21 0.00	40.86 1.24 0.00	56.55 1.55 0.00	44.97 1.15 0.00	43.20 0.99 0.00	58.54 1.24 0.00	51.56 1.28 0.00	43.67 1.27 0.00	40.65 1.34 0.00	43.95 1.38 0.00	57.49 1.83 0.00	62.79 2.01 0.00	52.06 1.38 0.00	42.51 1.02 0.00	40.87 0.98 0.00	40.07 0.81 0.00	33.36 0.63 0.00
ROSETON___2 23588	30.78 0.66 0.00	28.33 0.60 0.00	22.87 0.58 0.00	21.73 0.55 0.00	21.85 0.54 0.00	24.57 0.64 0.00	24.88 0.83 0.00	37.12 1.21 0.00	40.86 1.24 0.00	56.55 1.55 0.00	44.97 1.15 0.00	43.20 0.99 0.00	58.54 1.24 0.00	51.56 1.28 0.00	43.67 1.27 0.00	40.65 1.34 0.00	43.95 1.38 0.00	57.49 1.83 0.00	62.79 2.01 0.00	52.06 1.38 0.00	42.51 1.02 0.00	40.87 0.98 0.00	40.07 0.81 0.00	33.36 0.63 0.00
ROTRRDAM_115KV_TB3 80664	30.78 0.66 0.00	28.33 0.60 0.00	22.84 0.55 0.00	21.71 0.53 0.00	21.85 0.53 0.00	24.53 0.61 0.00	24.73 0.68 0.00	37.02 1.11 0.00	40.83 1.21 0.00	56.61 1.61 0.00	45.08 1.25 0.00	43.33 1.12 0.00	58.90 1.60 0.00	51.72 1.45 0.00	43.73 1.34 0.00	40.45 1.14 0.00	43.73 1.16 0.00	57.26 1.60 0.00	62.47 1.68 0.00	51.98 1.30 0.00	42.48 0.99 0.00	40.77 0.88 0.00	40.07 0.81 0.00	33.35 0.61 0.00
RUSSELL___1 23602	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
RUSSELL___2 23532	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
RUSSELL___3 23549	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
RUSSELL___4 23556	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
RUSSELL___STATION 23914	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
S SALMON___HYD 24043	29.91 -0.21 0.00	27.49 -0.24 0.00	22.03 -0.25 0.00	20.88 -0.30 0.00	20.99 -0.33 0.00	23.62 -0.31 0.00	23.63 -0.41 0.00	35.20 -0.70 0.00	38.95 -0.67 0.00	54.48 -0.52 0.00	43.59 -0.24 0.00	41.97 -0.24 0.00	56.94 -0.37 0.00	49.58 -0.69 0.00	41.79 -0.60 0.00	38.79 -0.52 0.00	42.16 -0.41 0.00	55.12 -0.54 0.00	60.17 -0.62 0.00	50.31 -0.38 0.00	41.11 -0.38 0.00	39.48 -0.41 0.00	38.91 -0.34 0.00	32.49 -0.25 0.00
S.PERRY__115KV_TB1 80734	30.65 0.53 0.00	28.18 0.45 0.00	22.36 0.07 0.00	21.27 0.09 0.00	21.47 0.16 0.00	24.20 0.27 0.00	23.88 -0.16 0.00	39.50 -0.42 -4.01	66.68 0.02 -27.04	98.75 0.01 -43.75	76.90 -0.03 -33.10	42.09 -0.12 0.00	59.26 0.03 -1.92	49.82 -0.45 0.00	46.95 -0.58 -5.14	40.42 -1.23 -2.35	41.26 -1.31 0.00	53.57 -2.09 0.00	59.10 -1.66 0.02	49.79 -0.90 0.00	40.82 -0.67 0.00	39.19 -0.70 0.00	39.67 0.41 0.00	33.60 0.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.29 -0.83 0.00	26.92 -0.81 0.00	21.18 -1.10 0.00	20.13 -1.05 0.00	20.33 -0.98 0.00	22.88 -1.05 0.00	22.50 -1.55 0.00	32.30 -2.75 0.87	30.89 -2.74 5.98	41.81 -3.47 9.71	34.12 -2.35 7.35	40.29 -1.91 0.00	54.74 -2.14 0.43	48.36 -1.92 0.00	39.15 -2.10 1.14	36.27 -2.52 0.52	39.92 -2.65 0.00	51.31 -4.35 0.00	55.59 -5.09 0.10	47.00 -3.68 0.00	38.82 -2.66 0.00	37.59 -2.30 0.00	37.61 -1.64 0.00	31.96 -0.77 0.00

SAWYER___23_KV_LOAD 55526	29.29 -0.83 0.00	26.92 -0.81 0.00	21.18 -1.10 0.00	20.13 -1.05 0.00	20.33 -0.98 0.00	22.88 -1.05 0.00	22.50 -1.55 0.00	32.30 -2.75 0.87	30.89 -2.74 5.98	41.81 -3.47 9.71	34.12 -2.35 7.35	40.29 -1.91 0.00	54.74 -2.14 0.43	48.36 -1.92 0.00	39.15 -2.10 1.14	36.27 -2.52 0.52	39.92 -2.65 0.00	51.31 -4.35 0.00	55.59 -5.09 0.10	47.00 -3.68 0.00	38.82 -2.66 0.00	37.59 -2.30 0.00	37.61 -1.64 0.00	31.96 -0.77 0.00
SELKIRK___I 23801	30.59 0.47 0.00	28.17 0.44 0.00	22.75 0.47 0.00	21.64 0.46 0.00	21.78 0.47 0.00	24.45 0.53 0.00	24.66 0.61 0.00	36.89 0.98 0.00	40.59 0.97 0.00	56.24 1.24 0.00	44.81 0.99 0.00	43.00 0.79 0.00	58.53 1.23 0.00	51.32 1.05 0.00	43.33 0.94 0.00	40.11 0.80 0.00	43.45 0.88 0.00	56.92 1.26 0.00	62.15 1.36 0.00	51.69 1.01 0.00	42.20 0.71 0.00	40.51 0.62 0.00	39.81 0.56 0.00	33.12 0.39 0.00
SELKIRK___II 23799	30.40 0.29 0.00	27.99 0.27 0.00	22.61 0.33 0.00	21.49 0.32 0.00	21.63 0.32 0.00	24.29 0.36 0.00	24.52 0.48 0.00	36.70 0.79 0.00	40.37 0.75 0.00	55.94 0.95 0.00	44.60 0.77 0.00	42.79 0.59 0.00	58.23 0.93 0.00	51.10 0.83 0.00	43.17 0.78 0.00	40.03 0.72 0.00	43.25 0.68 0.00	56.68 1.02 0.00	61.86 1.08 0.00	51.43 0.74 0.00	41.98 0.49 0.00	40.28 0.39 0.00	39.56 0.30 0.00	32.89 0.16 0.00
SENECA OSWGO___HYD 24041	29.45 -0.67 0.00	27.07 -0.66 0.00	21.75 -0.53 0.00	20.69 -0.49 0.00	20.84 -0.47 0.00	23.41 -0.52 0.00	23.50 -0.55 0.00	35.09 -0.82 0.00	38.74 -0.87 0.00	53.92 -1.07 0.00	43.05 -0.77 0.00	41.47 -0.74 0.00	56.34 -0.97 0.00	49.40 -0.87 0.00	41.66 -0.73 0.00	38.64 -0.67 0.00	41.86 -0.70 0.00	54.66 -1.00 0.00	59.63 -1.15 0.00	49.80 -0.89 0.00	40.76 -0.73 0.00	39.17 -0.72 0.00	38.54 -0.71 0.00	32.18 -0.56 0.00
SENECA___115KV_TB3 355854	29.60 -0.52 0.00	27.20 -0.52 0.00	21.42 -0.86 0.00	20.36 -0.81 0.00	20.56 -0.75 0.00	23.14 -0.79 0.00	22.82 -0.32 0.00	32.93 -0.51 0.75	32.23 -2.21 5.18	43.94 -2.64 8.42	35.81 -1.65 6.37	40.96 -1.25 0.00	55.71 -1.22 0.37	49.14 -1.13 0.00	39.99 -1.41 0.99	36.90 -1.95 0.45	40.55 -2.02 0.00	52.23 -3.43 0.00	56.65 -4.04 0.09	47.83 -2.86 0.00	39.49 -1.99 0.00	38.20 -1.68 0.00	38.17 -1.08 0.00	32.41 -0.33 0.00
SENECA___ENERGY 23797	29.86 -0.25 0.00	27.49 -0.24 0.00	21.98 -0.30 0.00	20.90 -0.28 0.00	21.08 -0.23 0.00	23.72 -0.20 0.00	23.73 -0.32 0.00	35.65 -0.51 -0.25	40.84 -0.44 -1.67	57.27 -0.40 -2.68	45.66 -0.20 -2.04	42.02 -0.18 0.00	57.16 -0.26 -0.12	50.08 -0.19 0.00	42.52 -0.18 -0.31	39.20 -0.25 -0.14	42.32 -0.24 0.00	55.25 -0.41 0.00	60.30 -0.48 0.00	50.43 -0.26 0.00	41.34 -0.15 0.00	39.72 -0.17 0.00	39.18 -0.07 0.00	32.81 0.07 0.00
SHOEMAKER___GT 23640	30.63 0.51 0.00	28.22 0.49 0.00	22.75 0.47 0.00	21.62 0.44 0.00	21.75 0.44 0.00	24.46 0.53 0.00	24.73 0.69 0.00	36.92 1.01 0.00	40.65 1.03 0.00	56.30 1.30 0.00	44.72 0.89 0.00	42.84 0.63 0.00	58.07 0.76 0.00	51.23 0.96 0.00	43.37 0.98 0.00	40.33 1.03 0.00	43.66 1.09 0.00	57.17 1.51 0.00	62.51 1.73 0.00	51.88 1.20 0.00	42.40 0.91 0.00	40.74 0.85 0.00	39.96 0.70 0.00	33.28 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	30.62 0.51 0.00	28.20 0.47 0.00	22.74 0.46 0.00	21.61 0.43 0.00	21.74 0.43 0.00	24.44 0.51 0.00	24.72 0.68 0.00	36.90 0.99 0.00	40.62 1.01 0.00	56.27 1.28 0.00	44.71 0.88 0.00	42.84 0.63 0.00	58.08 0.77 0.00	51.20 0.93 0.00	43.36 0.96 0.00	40.33 1.02 0.00	43.65 1.08 0.00	57.15 1.48 0.00	62.48 1.70 0.00	51.84 1.16 0.00	42.36 0.87 0.00	40.71 0.82 0.00	39.93 0.67 0.00	33.26 0.52 0.00
SHOREHAM_IC_1 23715	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.10 0.00	25.40 1.36 0.00	37.65 1.74 0.00	41.59 1.98 0.00	57.62 2.63 0.00	46.02 2.20 0.00	44.28 2.08 0.00	59.48 2.18 0.00	52.33 2.06 0.00	39.75 1.68 4.32	41.24 1.95 0.02	44.85 2.28 0.00	58.65 2.99 0.00	63.43 2.65 0.00	52.68 2.00 0.00	43.11 1.62 0.00	41.33 1.45 0.00	40.41 1.16 0.00	33.64 0.90 0.00
SHOREHAM_IC_2 23716	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.10 0.00	25.40 1.36 0.00	37.65 1.74 0.00	41.59 1.98 0.00	57.62 2.63 0.00	46.02 2.20 0.00	44.28 2.08 0.00	59.48 2.18 0.00	52.33 2.06 0.00	39.75 1.68 4.32	41.24 1.95 0.02	44.85 2.28 0.00	58.65 2.99 0.00	63.43 2.65 0.00	52.68 2.00 0.00	43.11 1.62 0.00	41.33 1.45 0.00	40.41 1.16 0.00	33.64 0.90 0.00
SISSONVILLE____ 23735	30.82 0.71 0.00	28.38 0.65 0.00	22.61 0.33 0.00	21.42 0.24 0.00	21.53 0.22 0.00	24.05 0.12 0.00	23.81 -0.23 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.37 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.47 0.00	50.48 -0.21 0.00	41.14 -0.35 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
SITHE_IND_GS1 24169	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.71 0.00	20.52 -0.66 0.00	20.67 -0.64 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.69 0.00	42.55 -1.28 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.15 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.88 -1.90 0.00	49.15 -1.53 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.83 -0.91 0.00
SITHE_IND_GS2 24170	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.71 0.00	20.52 -0.66 0.00	20.67 -0.64 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.69 0.00	42.55 -1.28 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.15 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.88 -1.90 0.00	49.15 -1.53 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.83 -0.91 0.00
SITHE_IND_GS3 24171	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.71 0.00	20.52 -0.66 0.00	20.67 -0.64 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.69 0.00	42.55 -1.28 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.15 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.88 -1.90 0.00	49.15 -1.53 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.83 -0.91 0.00
SITHE_IND_GS4 24172	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.71 0.00	20.52 -0.66 0.00	20.67 -0.64 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.18 0.00	38.37 -1.25 0.00	53.30 -1.69 0.00	42.55 -1.28 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.15 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.88 -1.90 0.00	49.15 -1.53 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.83 -0.91 0.00

SITHE___BATAVIA 24024	30.09 -0.03 0.00	27.65 -0.07 0.00	21.82 -0.47 0.00	20.76 -0.42 0.00	20.97 -0.34 0.00	23.67 -0.26 0.00	23.40 -0.65 0.00	33.98 -1.19 0.74	33.74 -0.83 5.05	45.81 -1.04 8.15	37.10 -0.59 6.14	41.91 -0.30 0.00	56.73 -0.22 0.36	49.96 -0.31 0.00	40.60 -0.84 0.95	37.76 -1.11 0.44	41.38 -1.19 0.00	53.51 -2.15 0.00	58.32 -2.42 0.04	49.23 -1.45 0.00	40.52 -0.96 0.00	39.08 -0.81 0.00	38.96 -0.29 0.00	32.96 0.22 0.00
SITHE___INDEPEND 23800	29.19 -0.93 0.00	26.86 -0.87 0.00	21.57 -0.71 0.00	20.52 -0.66 0.00	20.67 -0.64 0.00	23.19 -0.74 0.00	23.27 -0.78 0.00	34.73 -1.19 0.00	38.37 -1.25 0.00	53.30 -1.70 0.00	42.54 -1.29 0.00	40.96 -1.25 0.00	55.66 -1.65 0.00	48.82 -1.46 0.00	41.15 -1.25 0.00	38.14 -1.17 0.00	41.32 -1.25 0.00	53.96 -1.70 0.00	58.88 -1.90 0.00	49.15 -1.53 0.00	40.25 -1.24 0.00	38.69 -1.20 0.00	38.10 -1.16 0.00	31.82 -0.91 0.00
SITHE___MASSENA 23902	30.77 0.65 0.00	28.34 0.61 0.00	22.59 0.30 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.17 0.24 0.00	24.18 0.13 0.00	36.09 0.18 0.00	39.87 0.25 0.00	55.42 0.43 0.00	44.12 0.30 0.00	42.69 0.49 0.00	57.85 0.54 0.00	50.60 0.33 0.00	42.48 0.09 0.00	39.28 -0.03 0.00	42.64 0.07 0.00	55.83 0.17 0.00	61.17 0.39 0.00	51.16 0.47 0.00	41.97 0.48 0.00	40.47 0.58 0.00	39.90 0.64 0.00	33.28 0.55 0.00
SITHE___OGDNSBRG 24021	31.32 1.21 0.00	28.87 1.14 0.00	22.99 0.71 0.00	21.78 0.61 0.00	21.92 0.61 0.00	24.57 0.64 0.00	24.68 0.64 0.00	36.33 0.42 0.00	40.57 0.95 0.00	57.92 2.93 0.00	47.23 3.40 0.00	45.90 3.69 0.00	61.49 4.18 0.00	52.29 2.02 0.00	43.79 1.40 0.00	40.07 0.77 0.00	43.14 0.57 0.00	57.33 1.67 0.00	63.27 2.49 0.00	53.03 2.35 0.00	43.23 1.74 0.00	41.43 1.54 0.00	41.12 1.87 0.00	34.62 1.89 0.00
SITHE___STERLING 23777	30.63 0.51 0.00	28.18 0.46 0.00	22.64 0.35 0.00	21.51 0.34 0.00	21.66 0.35 0.00	24.41 0.49 0.00	24.57 0.52 0.00	36.74 0.83 0.00	40.65 1.03 0.00	56.59 1.59 0.00	45.16 1.33 0.00	43.49 1.28 0.00	58.95 1.64 0.00	51.66 1.39 0.00	43.53 1.13 0.00	40.38 1.08 0.00	43.81 1.24 0.00	57.24 1.58 0.00	62.48 1.70 0.00	52.09 1.40 0.00	42.60 1.11 0.00	40.85 0.96 0.00	40.19 0.94 0.00	33.48 0.75 0.00
SLEIGHT__34_KV_TB1 80719	30.20 0.08 0.00	27.75 0.03 0.00	22.07 -0.21 0.00	20.98 -0.19 0.00	21.18 -0.13 0.00	23.87 -0.05 0.00	23.80 -0.24 0.00	35.45 -0.46 0.00	39.40 -0.21 0.00	54.88 -0.11 0.00	43.92 0.09 0.00	42.27 0.07 0.00	57.59 0.29 0.00	50.48 0.20 0.00	42.32 -0.08 0.00	39.00 -0.30 0.00	42.28 -0.29 0.00	54.91 -0.75 0.00	59.90 -0.89 -0.01	50.23 -0.46 0.00	41.21 -0.28 0.00	39.66 -0.23 0.00	39.38 0.13 0.00	33.09 0.36 0.00
SOUTH CAIRO___GT 23612	31.46 1.34 0.00	28.93 1.20 0.00	23.37 1.08 0.00	22.18 1.01 0.00	22.34 1.03 0.00	25.14 1.22 0.00	25.43 1.39 0.00	38.20 2.29 0.00	42.21 2.59 0.00	58.55 3.56 0.00	46.72 2.90 0.00	44.37 2.17 0.00	60.77 3.47 0.00	53.04 2.77 0.00	44.49 2.10 0.00	41.30 1.99 0.00	44.81 2.24 0.00	59.20 3.54 0.00	64.95 4.17 0.00	54.00 3.32 0.00	43.96 2.47 0.00	42.03 2.14 0.00	41.16 1.91 0.00	34.13 1.40 0.00
SOUTH HAMPTN___IC 23720	31.15 1.03 0.00	28.58 0.85 0.00	23.20 0.92 0.00	22.07 0.89 0.00	22.07 0.76 0.00	25.19 1.26 0.00	25.65 1.60 0.00	38.02 2.11 0.00	42.04 2.42 0.00	58.26 3.27 0.00	46.55 2.72 0.00	44.79 2.59 0.00	60.19 2.89 0.00	52.97 2.69 0.00	40.13 2.07 4.33	41.57 2.28 0.02	45.25 2.68 0.00	59.03 3.37 0.00	63.35 2.57 0.00	52.61 1.92 0.00	43.03 1.54 0.00	41.23 1.35 0.00	40.29 1.04 0.00	33.52 0.79 0.00
SOUTHDOW_115KV_TB1 355954	30.38 0.26 0.00	27.84 0.11 0.00	21.94 -0.35 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.72 -0.21 0.00	23.21 -0.84 0.00	34.35 -1.28 0.28	36.37 -1.22 2.03	50.67 -0.99 3.33	41.32 0.03 2.53	42.49 0.28 0.00	58.12 0.96 0.15	51.01 0.74 0.00	42.28 0.28 0.39	38.82 -0.31 0.18	42.47 -0.10 0.00	55.11 -0.55 0.00	60.01 -0.69 0.08	50.44 -0.25 0.00	41.55 0.06 0.00	40.18 0.29 0.00	39.94 0.69 0.00	33.74 1.01 0.00
SOUTHOLD_69_KV_BK 2 55809	30.82 0.70 0.00	28.28 0.55 0.00	22.97 0.69 0.00	21.90 0.72 0.00	21.91 0.60 0.00	25.37 1.44 0.00	25.99 1.95 0.00	38.59 2.68 0.00	42.71 3.10 0.00	59.25 4.25 0.00	47.36 3.53 0.00	45.53 3.33 0.00	61.24 3.93 0.00	53.84 3.57 0.00	40.63 2.57 4.33	41.97 2.68 0.02	45.73 3.16 0.00	59.47 3.81 0.00	62.95 2.17 0.00	52.24 1.55 0.00	42.64 1.15 0.00	40.82 0.93 0.00	39.87 0.61 0.00	33.14 0.40 0.00
SOUTHOLD___IC 23719	30.82 0.70 0.00	28.28 0.55 0.00	22.97 0.69 0.00	21.90 0.72 0.00	21.91 0.60 0.00	25.37 1.44 0.00	25.99 1.95 0.00	38.58 2.67 0.00	42.70 3.08 0.00	59.24 4.25 0.00	47.33 3.50 0.00	45.54 3.33 0.00	61.24 3.94 0.00	53.84 3.57 0.00	40.63 2.56 4.33	41.97 2.68 0.02	45.73 3.16 0.00	59.47 3.81 0.00	62.94 2.17 0.00	52.24 1.55 0.00	42.64 1.15 0.00	40.82 0.93 0.00	39.87 0.62 0.00	33.14 0.41 0.00
SOUTH_FORK_WT_PWR 323839	30.35 0.23 0.00	27.84 0.11 0.00	22.65 0.36 0.00	21.63 0.45 0.00	21.64 0.32 0.00	25.31 1.39 0.00	26.05 2.00 0.00	38.67 2.76 0.00	42.79 3.17 0.00	59.37 4.38 0.00	47.45 3.62 0.00	45.64 3.44 0.00	61.39 4.09 0.00	53.99 3.72 0.00	40.58 2.51 4.33	41.91 2.62 0.02	45.70 3.13 0.00	59.23 3.57 0.00	61.99 1.21 0.00	51.45 0.77 0.00	41.96 0.47 0.00	40.16 0.28 0.00	39.24 -0.02 0.00	32.60 -0.13 0.00
SPIERFLS_115KV_TB 1 80737	30.99 0.87 0.00	28.51 0.78 0.00	22.98 0.70 0.00	21.83 0.66 0.00	21.98 0.67 0.00	24.73 0.80 0.00	24.97 0.92 0.00	37.67 1.76 0.00	41.80 2.18 0.00	58.04 3.05 0.00	46.23 2.40 0.00	44.40 2.19 0.00	60.43 3.12 0.00	53.07 2.80 0.00	44.86 2.46 0.00	41.44 2.13 0.00	44.74 2.17 0.00	58.75 3.09 0.00	64.02 3.24 0.00	53.17 2.48 0.00	43.33 1.84 0.00	41.51 1.62 0.00	40.78 1.53 0.00	33.80 1.07 0.00
ST LAWRENCE____ 23600	30.40 0.28 0.00	27.99 0.26 0.00	22.34 0.06 0.00	21.20 0.02 0.00	21.32 0.00 0.00	23.91 -0.01 0.00	23.95 -0.09 0.00	35.74 -0.17 0.00	39.48 -0.14 0.00	54.86 -0.14 0.00	43.67 -0.15 0.00	42.27 0.06 0.00	57.25 -0.06 0.00	50.10 -0.18 0.00	42.05 -0.34 0.00	38.89 -0.41 0.00	42.23 -0.34 0.00	55.31 -0.35 0.00	60.60 -0.18 0.00	50.69 0.00 0.00	41.56 0.08 0.00	40.07 0.18 0.00	39.51 0.26 0.00	32.95 0.21 0.00
STATE_CA_115KV_115_LB 55624	30.43 0.32 0.00	28.02 0.30 0.00	22.63 0.34 0.00	21.51 0.33 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.78 0.86 0.00	40.45 0.83 0.00	56.08 1.09 0.00	44.71 0.88 0.00	42.93 0.73 0.00	58.40 1.10 0.00	51.28 1.00 0.00	43.36 0.97 0.00	40.20 0.89 0.00	43.41 0.84 0.00	56.86 1.20 0.00	62.04 1.26 0.00	51.55 0.86 0.00	42.07 0.58 0.00	40.34 0.45 0.00	39.61 0.35 0.00	32.91 0.18 0.00

STATE_ST_34_KV_LOAD 55959	29.94 -0.18 0.00	27.56 -0.17 0.00	22.11 -0.17 0.00	21.03 -0.14 0.00	21.20 -0.12 0.00	23.82 -0.11 0.00	23.88 -0.17 0.00	35.63 -0.28 0.00	39.39 -0.22 0.00	54.82 -0.17 0.00	43.76 -0.07 0.00	42.13 -0.07 0.00	57.22 -0.09 0.00	50.17 -0.11 0.00	42.34 -0.05 0.00	39.24 -0.07 0.00	42.54 -0.03 0.00	55.55 -0.11 0.00	60.60 -0.19 0.00	50.61 -0.08 0.00	41.43 -0.06 0.00	39.82 -0.07 0.00	39.21 -0.04 0.00	32.75 0.02 0.00
STATION 5_MISC_HYD 23604	29.95 -0.17 0.00	27.53 -0.20 0.00	21.85 -0.43 0.00	20.78 -0.40 0.00	20.97 -0.34 0.00	23.62 -0.31 0.00	23.48 -0.56 0.00	34.77 -1.01 0.14	37.49 -0.79 1.33	51.90 -0.93 2.16	41.73 -0.47 1.63	41.88 -0.33 0.00	57.00 -0.21 0.09	50.04 -0.24 0.00	41.61 -0.54 0.25	38.43 -0.76 0.12	41.75 -0.82 0.00	54.14 -1.52 0.00	59.01 -1.79 -0.01	49.56 -1.12 0.00	40.71 -0.78 0.00	39.21 -0.68 0.00	38.91 -0.34 0.00	32.76 0.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.23 0.11 0.00	27.80 0.07 0.00	22.13 -0.15 0.00	21.05 -0.12 0.00	21.25 -0.07 0.00	23.94 0.01 0.00	23.89 -0.16 0.00	35.59 -0.32 0.00	39.51 -0.11 0.00	55.05 0.06 0.00	44.06 0.23 0.00	42.54 0.33 0.00	57.82 0.51 0.00	50.73 0.45 0.00	42.58 0.18 0.00	39.29 -0.01 0.00	42.58 0.01 0.00	55.40 -0.26 0.00	60.47 -0.32 -0.01	50.67 -0.02 0.00	41.57 0.08 0.00	39.96 0.07 0.00	39.52 0.26 0.00	33.16 0.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.96 -0.16 0.00	27.55 -0.18 0.00	21.88 -0.41 0.00	20.80 -0.37 0.00	20.99 -0.32 0.00	23.64 -0.29 0.00	23.53 -0.52 0.00	34.97 -0.94 0.00	38.89 -0.73 0.00	54.16 -0.83 0.00	43.37 -0.46 0.00	41.93 -0.28 0.00	57.18 -0.13 0.00	50.11 -0.17 0.00	41.94 -0.46 0.00	38.62 -0.69 0.00	41.85 -0.72 0.00	54.31 -1.35 0.00	59.20 -1.59 -0.01	49.69 -1.00 0.00	40.80 -0.69 0.00	39.30 -0.59 0.00	38.96 -0.30 0.00	32.79 0.05 0.00
STA_56___34_KV_BUS2 355983	29.96 -0.16 0.00	27.55 -0.18 0.00	21.88 -0.41 0.00	20.80 -0.37 0.00	20.99 -0.32 0.00	23.64 -0.29 0.00	23.53 -0.52 0.00	34.97 -0.94 0.00	38.89 -0.73 0.00	54.16 -0.83 0.00	43.37 -0.46 0.00	41.93 -0.28 0.00	57.18 -0.13 0.00	50.11 -0.17 0.00	41.94 -0.46 0.00	38.62 -0.69 0.00	41.85 -0.72 0.00	54.31 -1.35 0.00	59.20 -1.59 -0.01	49.69 -1.00 0.00	40.80 -0.69 0.00	39.30 -0.59 0.00	38.96 -0.30 0.00	32.79 0.05 0.00
STA_67___115KV_BK2 355882	29.88 -0.24 0.00	27.47 -0.26 0.00	21.80 -0.49 0.00	20.72 -0.45 0.00	20.92 -0.39 0.00	23.56 -0.37 0.00	23.42 -0.62 0.00	34.66 -1.11 0.14	37.33 -0.93 1.36	51.68 -1.11 2.20	41.50 -0.67 1.66	41.74 -0.47 0.00	56.82 -0.39 0.10	49.88 -0.39 0.00	41.47 -0.67 0.26	38.30 -0.89 0.12	41.62 -0.95 0.00	53.97 -1.69 0.00	58.81 -1.98 -0.01	49.39 -1.29 0.00	40.58 -0.90 0.00	39.10 -0.79 0.00	38.80 -0.45 0.00	32.67 -0.06 0.00
STA_7___115KV_9TRANS 80674	30.12 0.00 0.00	27.69 -0.04 0.00	21.97 -0.31 0.00	20.89 -0.29 0.00	21.08 -0.23 0.00	23.75 -0.17 0.00	23.63 -0.42 0.00	34.99 -0.78 0.14	37.72 -0.56 1.33	52.26 -0.57 2.16	41.96 -0.23 1.63	42.17 -0.03 0.00	57.42 0.21 0.09	50.40 0.12 0.00	41.90 -0.24 0.25	38.69 -0.50 0.12	42.05 -0.52 0.00	54.54 -1.12 0.00	59.48 -1.31 -0.01	49.95 -0.73 0.00	41.02 -0.47 0.00	39.49 -0.40 0.00	39.16 -0.09 0.00	32.97 0.23 0.00
STA_82___115KV_TB1 80780	29.89 -0.22 0.00	27.49 -0.24 0.00	21.81 -0.47 0.00	20.74 -0.44 0.00	20.93 -0.38 0.00	23.57 -0.35 0.00	23.43 -0.61 0.00	34.82 -1.09 0.00	38.72 -0.90 0.00	53.92 -1.07 0.00	43.19 -0.64 0.00	41.77 -0.44 0.00	56.95 -0.35 0.00	49.90 -0.37 0.00	41.75 -0.64 0.00	38.44 -0.87 0.00	41.64 -0.93 0.00	53.99 -1.67 0.00	58.85 -1.94 -0.01	49.42 -1.26 0.00	40.61 -0.88 0.00	39.12 -0.77 0.00	38.81 -0.45 0.00	32.69 -0.04 0.00
STEEL___WIND 323596	29.56 -0.55 0.00	27.16 -0.56 0.00	21.39 -0.89 0.00	20.33 -0.85 0.00	20.54 -0.78 0.00	23.09 -0.84 0.00	22.78 -1.27 0.00	32.87 -2.29 0.75	32.20 -2.24 5.18	43.90 -2.67 8.42	35.86 -1.60 6.37	40.90 -1.31 0.00	55.61 -1.32 0.37	49.06 -1.21 0.00	39.94 -1.47 0.99	36.84 -2.01 0.45	40.49 -2.08 0.00	52.15 -3.52 0.00	56.56 -4.13 0.09	47.74 -2.95 0.00	39.44 -2.05 0.00	38.13 -1.75 0.00	38.12 -1.13 0.00	32.36 -0.37 0.00
STEPHTWN_115KV_BK_2 55603	30.56 0.44 0.00	28.15 0.42 0.00	22.72 0.44 0.00	21.57 0.39 0.00	21.73 0.42 0.00	24.43 0.51 0.00	24.70 0.65 0.00	37.07 1.16 0.00	40.71 1.09 0.00	56.45 1.45 0.00	44.92 1.10 0.00	43.13 0.92 0.00	58.73 1.43 0.00	51.44 1.17 0.00	43.49 1.10 0.00	40.37 1.06 0.00	43.46 0.89 0.00	57.25 1.59 0.00	62.52 1.74 0.00	51.88 1.20 0.00	42.37 0.88 0.00	40.57 0.68 0.00	39.81 0.55 0.00	33.07 0.34 0.00
STEUBEN_REC_LFGE 323667	30.16 0.04 0.00	27.76 0.03 0.00	22.05 -0.24 0.00	20.97 -0.21 0.00	21.14 -0.17 0.00	23.72 -0.21 0.00	22.99 -1.06 0.00	36.63 -1.99 -2.71	56.22 -1.67 -18.26	81.69 -2.74 -29.44	63.81 -2.32 -22.30	39.97 -2.23 0.00	55.70 -2.90 -1.29	47.84 -2.44 0.00	43.98 -1.88 -3.46	39.09 -1.80 -1.58	41.25 -1.32 0.00	54.13 -1.53 0.00	59.23 -1.52 0.03	49.77 -0.91 0.00	40.81 -0.68 0.00	39.10 -0.79 0.00	38.97 -0.29 0.00	32.67 -0.07 0.00
STILLWATER___SOLAR 323814	31.16 1.05 0.00	28.68 0.95 0.00	23.12 0.84 0.00	21.96 0.79 0.00	22.11 0.80 0.00	24.86 0.93 0.00	25.08 1.04 0.00	37.67 1.76 0.00	41.62 2.01 0.00	57.74 2.75 0.00	45.99 2.16 0.00	44.14 1.93 0.00	60.10 2.80 0.00	52.78 2.51 0.00	44.60 2.20 0.00	41.23 1.92 0.00	44.57 2.00 0.00	58.44 2.78 0.00	63.69 2.91 0.00	52.93 2.24 0.00	43.19 1.70 0.00	41.41 1.52 0.00	40.70 1.45 0.00	33.81 1.08 0.00
STONY___BROOK 24151	31.31 1.20 0.00	28.72 1.00 0.00	23.28 0.99 0.00	22.10 0.93 0.00	22.10 0.78 0.00	24.97 1.04 0.00	25.31 1.26 0.00	37.54 1.63 0.00	41.46 1.85 0.00	57.43 2.44 0.00	45.86 2.04 0.00	44.13 1.92 0.00	59.31 2.01 0.00	52.25 1.98 0.00	39.73 1.65 4.31	41.26 1.96 0.02	44.78 2.21 0.00	58.56 2.90 0.00	63.15 2.37 0.00	52.47 1.79 0.00	43.16 1.67 0.00	41.37 1.48 0.00	40.44 1.18 0.00	33.68 0.94 0.00
STURGEON_POOL_HYD 23609	30.78 0.66 0.00	28.33 0.60 0.00	22.88 0.60 0.00	21.73 0.55 0.00	21.85 0.54 0.00	24.55 0.62 0.00	24.85 0.81 0.00	37.07 1.16 0.00	40.81 1.19 0.00	56.48 1.49 0.00	44.91 1.08 0.00	43.10 0.89 0.00	58.31 1.00 0.00	51.42 1.15 0.00	43.61 1.22 0.00	40.61 1.30 0.00	43.93 1.36 0.00	57.46 1.80 0.00	62.79 2.01 0.00	52.07 1.39 0.00	42.55 1.06 0.00	40.89 1.00 0.00	40.07 0.81 0.00	33.36 0.63 0.00
ST_LAW_115_BK7_LBMP 345037	30.42 0.31 0.00	28.01 0.28 0.00	22.36 0.07 0.00	21.21 0.03 0.00	21.33 0.01 0.00	23.92 -0.01 0.00	23.95 -0.09 0.00	35.74 -0.17 0.00	39.48 -0.14 0.00	54.86 -0.13 0.00	43.68 -0.14 0.00	42.27 0.07 0.00	57.26 -0.04 0.00	50.10 -0.18 0.00	42.05 -0.34 0.00	38.89 -0.41 0.00	42.23 -0.34 0.00	55.30 -0.36 0.00	60.59 -0.19 0.00	50.69 0.00 0.00	41.56 0.08 0.00	40.07 0.18 0.00	39.51 0.26 0.00	32.95 0.22 0.00

ST_LAW_115_BK8_LBMP 345038	30.42 0.31 0.00	28.01 0.28 0.00	22.36 0.07 0.00	21.21 0.03 0.00	21.33 0.01 0.00	23.92 -0.01 0.00	23.95 -0.09 0.00	35.74 -0.17 0.00	39.48 -0.14 0.00	54.86 -0.13 0.00	43.68 -0.14 0.00	42.27 0.07 0.00	57.26 -0.04 0.00	50.10 -0.18 0.00	42.05 -0.34 0.00	38.89 -0.41 0.00	42.23 -0.34 0.00	55.30 -0.36 0.00	60.59 -0.19 0.00	50.69 0.00 0.00	41.56 0.08 0.00	40.07 0.18 0.00	39.51 0.26 0.00	32.95 0.22 0.00
ST_LAW_230_BK5_LBMP 345035	30.40 0.28 0.00	27.99 0.26 0.00	22.34 0.06 0.00	21.20 0.02 0.00	21.32 0.00 0.00	23.91 -0.01 0.00	23.95 -0.09 0.00	35.74 -0.17 0.00	39.48 -0.14 0.00	54.86 -0.14 0.00	43.67 -0.15 0.00	42.27 0.06 0.00	57.25 -0.06 0.00	50.10 -0.18 0.00	42.05 -0.34 0.00	38.89 -0.41 0.00	42.23 -0.34 0.00	55.31 -0.35 0.00	60.60 -0.18 0.00	50.69 0.00 0.00	41.56 0.08 0.00	40.07 0.18 0.00	39.51 0.26 0.00	32.95 0.21 0.00
ST_LAW_230_BK6_LBMP 345036	30.40 0.28 0.00	27.99 0.26 0.00	22.34 0.06 0.00	21.20 0.02 0.00	21.32 0.00 0.00	23.91 -0.01 0.00	23.95 -0.09 0.00	35.74 -0.17 0.00	39.48 -0.14 0.00	54.86 -0.14 0.00	43.67 -0.15 0.00	42.27 0.06 0.00	57.25 -0.06 0.00	50.10 -0.18 0.00	42.05 -0.34 0.00	38.89 -0.41 0.00	42.23 -0.34 0.00	55.31 -0.35 0.00	60.60 -0.18 0.00	50.69 0.00 0.00	41.56 0.08 0.00	40.07 0.18 0.00	39.51 0.26 0.00	32.95 0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.68 0.56 0.00	28.26 0.53 0.00	22.79 0.51 0.00	21.65 0.47 0.00	21.79 0.48 0.00	24.51 0.58 0.00	24.81 0.76 0.00	37.01 1.10 0.00	40.73 1.12 0.00	56.39 1.40 0.00	44.81 0.98 0.00	42.97 0.76 0.00	58.20 0.90 0.00	51.30 1.03 0.00	43.47 1.07 0.00	40.45 1.14 0.00	43.78 1.22 0.00	57.34 1.67 0.00	62.66 1.88 0.00	51.94 1.26 0.00	42.43 0.94 0.00	40.80 0.91 0.00	39.99 0.74 0.00	33.31 0.58 0.00
SWANROAD_115KV_TB1 355699	28.85 -1.27 0.00	26.55 -1.18 0.00	20.85 -1.44 0.00	19.84 -1.33 0.00	20.03 -1.28 0.00	22.55 -1.38 0.00	22.10 -1.95 0.00	31.35 -3.61 0.95	29.37 -3.72 6.52	39.50 -4.87 10.63	32.28 -3.50 8.05	39.33 -2.87 0.00	53.23 -3.61 0.47	47.09 -3.18 0.00	37.96 -3.18 1.25	35.25 -3.48 0.57	38.84 -3.73 0.00	49.84 -5.82 0.00	54.00 -6.70 0.09	45.75 -4.93 0.00	37.79 -3.70 0.00	36.64 -3.25 0.00	36.77 -2.48 0.00	31.31 -1.42 0.00
SYNERGY___BIOGAS 323694	30.09 -0.03 0.00	27.65 -0.07 0.00	21.82 -0.47 0.00	20.76 -0.42 0.00	20.97 -0.34 0.00	23.67 -0.26 0.00	23.40 -0.65 0.00	33.98 -1.19 0.74	33.74 -0.83 5.05	45.81 -1.04 8.15	37.10 -0.59 6.14	41.91 -0.30 0.00	56.73 -0.22 0.36	49.96 -0.31 0.00	40.60 -0.84 0.95	37.76 -1.11 0.44	41.38 -1.19 0.00	53.51 -2.15 0.00	58.32 -2.42 0.04	49.23 -1.45 0.00	40.52 -0.96 0.00	39.08 -0.81 0.00	38.96 -0.29 0.00	32.96 0.22 0.00
SYRACUSE___ENERGY_ST1 323597	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00
SYRACUSE___ENERGY_ST2 323598	29.79 -0.32 0.00	27.42 -0.31 0.00	22.01 -0.27 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.70 -0.23 0.00	23.79 -0.26 0.00	35.51 -0.40 0.00	39.26 -0.36 0.00	54.60 -0.39 0.00	43.58 -0.24 0.00	41.95 -0.25 0.00	57.02 -0.29 0.00	50.02 -0.26 0.00	42.18 -0.22 0.00	39.11 -0.19 0.00	42.39 -0.17 0.00	55.36 -0.30 0.00	60.39 -0.39 0.00	50.41 -0.27 0.00	41.26 -0.22 0.00	39.66 -0.23 0.00	39.02 -0.23 0.00	32.57 -0.17 0.00
SYRACUSE___POWER 24017	29.81 -0.31 0.00	27.44 -0.29 0.00	22.02 -0.26 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.71 -0.21 0.00	23.80 -0.24 0.00	35.54 -0.37 0.00	39.30 -0.32 0.00	54.67 -0.33 0.00	43.64 -0.19 0.00	42.01 -0.20 0.00	57.09 -0.22 0.00	50.08 -0.20 0.00	42.23 -0.16 0.00	39.17 -0.14 0.00	42.46 -0.11 0.00	55.44 -0.23 0.00	60.49 -0.29 0.00	50.47 -0.21 0.00	41.32 -0.17 0.00	39.70 -0.19 0.00	39.08 -0.18 0.00	32.62 -0.12 0.00
TALLMAN___138KV_BK151 55660	30.71 0.59 0.00	28.30 0.57 0.00	22.82 0.54 0.00	21.68 0.50 0.00	21.82 0.51 0.00	24.55 0.62 0.00	24.88 0.83 0.00	37.10 1.19 0.00	40.81 1.19 0.00	56.47 1.48 0.00	44.82 1.00 0.00	42.99 0.78 0.00	58.21 0.90 0.00	51.33 1.05 0.00	43.48 1.08 0.00	40.49 1.18 0.00	43.84 1.27 0.00	57.42 1.76 0.00	62.76 1.98 0.00	51.95 1.27 0.00	42.45 0.97 0.00	40.82 0.93 0.00	40.01 0.76 0.00	33.34 0.61 0.00
TEALLAVE_115KV_TB7 355573	29.68 -0.44 0.00	27.32 -0.41 0.00	21.92 -0.36 0.00	20.86 -0.32 0.00	21.00 -0.31 0.00	23.60 -0.33 0.00	23.68 -0.36 0.00	35.36 -0.55 0.00	39.11 -0.51 0.00	54.39 -0.60 0.00	43.42 -0.41 0.00	41.81 -0.40 0.00	56.82 -0.48 0.00	49.84 -0.43 0.00	42.02 -0.37 0.00	38.95 -0.36 0.00	42.21 -0.36 0.00	55.10 -0.56 0.00	60.10 -0.69 0.00	50.16 -0.53 0.00	41.07 -0.42 0.00	39.47 -0.43 0.00	38.85 -0.40 0.00	32.44 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	29.53 -0.59 0.00	27.15 -0.58 0.00	21.37 -0.91 0.00	20.33 -0.85 0.00	20.54 -0.78 0.00	23.14 -0.79 0.00	22.76 -1.29 0.00	32.72 -2.28 0.90	31.36 -2.06 6.20	42.18 -2.82 9.99	34.30 -1.99 7.53	40.71 -1.50 0.00	55.06 -1.81 0.44	48.61 -1.67 0.00	39.32 -1.90 1.17	36.59 -2.19 0.54	40.25 -2.31 0.00	51.85 -3.81 0.00	56.34 -4.38 0.06	47.63 -3.06 0.00	39.27 -2.22 0.00	37.96 -1.93 0.00	37.96 -1.29 0.00	32.22 -0.52 0.00
TEMPLE___115KV_TB 2 55572	29.69 -0.43 0.00	27.33 -0.40 0.00	21.93 -0.36 0.00	20.86 -0.32 0.00	21.01 -0.30 0.00	23.61 -0.32 0.00	23.69 -0.36 0.00	35.37 -0.55 0.00	39.12 -0.50 0.00	54.40 -0.60 0.00	43.43 -0.40 0.00	41.82 -0.39 0.00	56.84 -0.47 0.00	49.86 -0.41 0.00	42.05 -0.35 0.00	38.98 -0.33 0.00	42.24 -0.33 0.00	55.12 -0.54 0.00	60.13 -0.65 0.00	50.19 -0.49 0.00	41.09 -0.40 0.00	39.49 -0.40 0.00	38.86 -0.39 0.00	32.46 -0.27 0.00
TIANA____69_KV_BK 1 55817	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.97 0.00	22.11 0.93 0.00	22.11 0.79 0.00	25.14 1.22 0.00	25.56 1.52 0.00	37.90 1.99 0.00	41.91 2.29 0.00	58.06 3.07 0.00	46.40 2.57 0.00	44.62 2.41 0.00	59.97 2.66 0.00	52.76 2.49 0.00	40.02 1.96 4.33	41.47 2.18 0.02	45.12 2.55 0.00	58.95 3.28 0.00	63.48 2.70 0.00	52.72 2.04 0.00	43.14 1.65 0.00	41.34 1.45 0.00	40.40 1.15 0.00	33.61 0.88 0.00
TILDEN___115KV_TB1 80814	29.81 -0.31 0.00	27.44 -0.29 0.00	22.02 -0.26 0.00	20.95 -0.23 0.00	21.10 -0.21 0.00	23.71 -0.21 0.00	23.80 -0.24 0.00	35.54 -0.37 0.00	39.30 -0.32 0.00	54.67 -0.33 0.00	43.64 -0.19 0.00	42.01 -0.20 0.00	57.09 -0.22 0.00	50.08 -0.20 0.00	42.23 -0.16 0.00	39.17 -0.14 0.00	42.46 -0.11 0.00	55.44 -0.23 0.00	60.49 -0.29 0.00	50.47 -0.21 0.00	41.32 -0.17 0.00	39.70 -0.19 0.00	39.08 -0.18 0.00	32.62 -0.12 0.00

TRIGEN___CC 323695	31.18 1.06 0.00	28.65 0.92 0.00	23.16 0.87 0.00	21.98 0.81 0.00	22.04 0.73 0.00	24.83 0.91 0.00	25.17 1.13 0.00	37.41 1.50 0.00	41.28 1.66 0.00	57.10 2.11 0.00	45.54 1.71 0.00	43.77 1.56 0.00	58.97 1.67 0.00	51.98 1.70 0.00	42.95 1.63 1.07	41.14 1.83 0.00	44.56 1.99 0.00	58.14 2.47 0.00	63.26 2.49 0.00	52.53 1.85 0.00	42.94 1.45 0.00	41.29 1.40 0.00	40.43 1.18 0.00	33.69 0.95 0.00
TRINITY___115KV___4 BK 55933	30.34 0.22 0.00	27.94 0.21 0.00	22.56 0.28 0.00	21.45 0.27 0.00	21.58 0.27 0.00	24.24 0.32 0.00	24.49 0.45 0.00	36.66 0.75 0.00	40.31 0.69 0.00	55.87 0.88 0.00	44.53 0.71 0.00	42.76 0.55 0.00	58.16 0.85 0.00	51.06 0.79 0.00	43.17 0.78 0.00	40.04 0.72 0.00	43.22 0.65 0.00	56.63 0.97 0.00	61.78 1.00 0.00	51.32 0.64 0.00	41.89 0.40 0.00	40.17 0.29 0.00	39.46 0.21 0.00	32.79 0.06 0.00
UNION___PROCESSING_DRP 323587	29.90 -0.22 0.00	27.49 -0.24 0.00	21.81 -0.47 0.00	20.74 -0.44 0.00	20.93 -0.38 0.00	23.58 -0.34 0.00	23.44 -0.61 0.00	34.70 -1.08 0.13	37.47 -0.89 1.26	51.90 -1.06 2.04	41.67 -0.62 1.53	41.78 -0.43 0.00	56.88 -0.34 0.09	49.93 -0.34 0.00	41.52 -0.64 0.24	38.34 -0.86 0.11	41.66 -0.91 0.00	54.01 -1.65 0.00	58.87 -1.92 -0.01	49.44 -1.25 0.00	40.62 -0.87 0.00	39.13 -0.76 0.00	38.83 -0.43 0.00	32.70 -0.03 0.00
UPPER HUDSON___HYD 24058	30.99 0.87 0.00	28.51 0.78 0.00	22.98 0.70 0.00	21.84 0.66 0.00	21.98 0.67 0.00	24.73 0.80 0.00	24.97 0.92 0.00	37.67 1.75 0.00	41.80 2.18 0.00	58.02 3.03 0.00	46.22 2.40 0.00	44.40 2.19 0.00	60.43 3.12 0.00	53.07 2.79 0.00	44.86 2.46 0.00	41.43 2.13 0.00	44.74 2.17 0.00	58.75 3.09 0.00	64.02 3.24 0.00	53.17 2.48 0.00	43.33 1.84 0.00	41.51 1.62 0.00	40.78 1.52 0.00	33.80 1.07 0.00
UPPER RAQUET___HYD 24056	30.82 0.70 0.00	28.38 0.65 0.00	22.61 0.33 0.00	21.42 0.24 0.00	21.53 0.22 0.00	24.05 0.12 0.00	23.81 -0.23 0.00	34.72 -1.19 0.00	38.69 -0.93 0.00	55.37 0.38 0.00	45.19 1.37 0.00	43.85 1.64 0.00	58.91 1.61 0.00	49.94 -0.33 0.00	41.86 -0.54 0.00	38.30 -1.01 0.00	41.27 -1.30 0.00	54.71 -0.95 0.00	60.32 -0.46 0.00	50.48 -0.21 0.00	41.14 -0.34 0.00	39.56 -0.33 0.00	39.40 0.15 0.00	33.30 0.57 0.00
VALLEY44_115KV_TB2 355964	29.86 -0.26 0.00	27.49 -0.24 0.00	21.77 -0.51 0.00	20.69 -0.49 0.00	20.86 -0.45 0.00	23.56 -0.37 0.00	23.36 -0.68 0.00	34.53 -1.23 0.16	36.78 -1.35 1.48	51.25 -1.28 2.46	41.17 -0.77 1.88	41.73 -0.48 0.00	57.10 -0.09 0.11	50.18 -0.09 0.00	41.56 -0.54 0.29	38.24 -0.94 0.14	41.66 -0.91 0.00	54.04 -1.62 0.00	58.83 -1.87 0.08	49.33 -1.35 0.00	40.71 -0.78 0.00	39.30 -0.59 0.00	39.13 -0.12 0.00	33.05 0.31 0.00
VALLEY___115KV_TB 1-4 80826	29.82 -0.30 0.00	27.49 -0.24 0.00	22.15 -0.13 0.00	21.13 -0.05 0.00	21.23 -0.08 0.00	23.96 0.03 0.00	24.24 0.19 0.00	36.33 0.41 0.00	39.94 0.32 0.00	55.36 0.36 0.00	44.00 0.17 0.00	42.28 0.07 0.00	57.61 0.31 0.00	50.51 0.23 0.00	42.32 -0.07 0.00	39.34 0.03 0.00	42.52 -0.05 0.00	55.68 0.02 0.00	60.99 0.20 0.00	50.80 0.11 0.00	41.48 -0.01 0.00	39.64 -0.24 0.00	38.88 -0.37 0.00	32.33 -0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.12 1.00 0.00	28.65 0.92 0.00	23.08 0.79 0.00	21.92 0.74 0.00	22.06 0.75 0.00	24.80 0.87 0.00	24.94 0.89 0.00	37.23 1.32 0.00	41.12 1.50 0.00	57.03 2.04 0.00	45.39 1.57 0.00	43.62 1.42 0.00	59.21 1.90 0.00	51.90 1.63 0.00	43.87 1.48 0.00	40.72 1.41 0.00	44.14 1.57 0.00	57.72 2.06 0.00	63.04 2.26 0.01	52.56 1.87 0.00	43.00 1.51 0.00	41.34 1.45 0.00	40.62 1.37 0.00	33.88 1.14 0.00
VISCHER___FERRY HYD 24020	30.88 0.76 0.00	28.43 0.70 0.00	22.94 0.65 0.00	21.79 0.62 0.00	21.94 0.63 0.00	24.64 0.71 0.00	24.84 0.80 0.00	37.25 1.35 0.00	41.05 1.43 0.00	56.91 1.92 0.00	45.35 1.52 0.00	43.53 1.33 0.00	59.25 1.94 0.00	52.03 1.76 0.00	43.97 1.58 0.00	40.71 1.40 0.00	43.90 1.33 0.00	57.53 1.86 0.00	62.74 1.95 0.00	52.09 1.41 0.00	42.51 1.02 0.00	40.81 0.92 0.00	40.12 0.86 0.00	33.35 0.62 0.00
V_A_10_SYNC_DSASP 323832	29.24 -0.88 0.00	26.90 -0.84 0.00	21.23 -1.05 0.00	20.18 -1.00 0.00	20.37 -0.94 0.00	22.94 -0.99 0.00	22.63 -1.41 0.00	32.78 -2.46 0.67	32.65 -2.39 4.58	44.46 -3.10 7.44	36.08 -2.12 5.62	40.34 -1.86 0.00	54.82 -2.16 0.33	48.37 -1.91 0.00	39.47 -2.05 0.87	36.62 -2.29 0.40	40.12 -2.45 0.00	51.72 -3.94 0.00	56.27 -4.56 -0.05	47.36 -3.32 0.00	39.04 -2.45 0.00	37.76 -2.13 0.00	37.66 -1.59 0.00	31.92 -0.81 0.00
V_CMM_10_SYNC_DSASP 323787	30.58 0.46 0.00	28.16 0.43 0.00	22.46 0.18 0.00	21.32 0.14 0.00	21.43 0.12 0.00	24.04 0.11 0.00	24.08 0.03 0.00	35.93 0.02 0.00	39.70 0.09 0.00	55.15 0.16 0.00	43.92 0.09 0.00	42.51 0.30 0.00	57.56 0.26 0.00	50.37 0.09 0.00	42.28 -0.11 0.00	39.10 -0.21 0.00	42.46 -0.11 0.00	55.59 -0.07 0.00	60.90 0.12 0.00	50.94 0.26 0.00	41.78 0.29 0.00	40.28 0.39 0.00	39.72 0.46 0.00	33.13 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	31.44 1.33 0.00	29.00 1.27 0.00	23.14 0.86 0.00	22.03 0.85 0.00	22.01 0.70 0.00	24.30 0.37 0.00	24.63 0.58 0.00	36.64 0.73 0.00	40.43 0.81 0.00	55.67 0.67 0.00	44.53 0.71 0.00	43.41 1.21 0.00	58.95 1.65 0.00	51.07 0.79 0.00	42.87 0.47 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.19 2.50 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.58 1.33 0.00	33.36 0.62 0.00
V_D_10_SYNC_DSASP 323841	30.77 0.65 0.00	28.34 0.61 0.00	22.59 0.30 0.00	21.43 0.26 0.00	21.55 0.24 0.00	24.16 0.23 0.00	24.18 0.13 0.00	36.09 0.18 0.00	39.87 0.25 0.00	55.42 0.43 0.00	44.12 0.30 0.00	42.69 0.49 0.00	57.85 0.54 0.00	50.60 0.33 0.00	42.48 0.09 0.00	39.28 -0.03 0.00	42.64 0.07 0.00	55.83 0.17 0.00	61.17 0.39 0.00	51.16 0.47 0.00	41.97 0.48 0.00	40.47 0.58 0.00	39.90 0.64 0.00	33.28 0.55 0.00
V_E_10_SYNC_DSASP 323830	32.09 1.97 0.00	29.52 1.79 0.00	23.70 1.41 0.00	22.55 1.37 0.00	22.77 1.46 0.00	25.70 1.77 0.00	25.81 1.77 0.00	38.78 2.60 -0.27	44.50 3.02 -1.87	61.90 3.90 -3.00	49.06 2.96 -2.28	44.70 2.49 0.00	59.75 2.31 -0.13	52.13 1.86 0.00	44.59 1.85 -0.35	41.25 1.78 -0.16	44.86 2.29 0.00	58.96 3.30 0.00	64.97 4.20 0.01	54.60 3.92 0.00	44.71 3.23 0.00	43.05 3.16 0.00	42.27 3.02 0.00	35.26 2.53 0.00
V_F_30_NSYNC___DSASP 323816	31.20 1.08 0.00	28.71 0.98 0.00	23.14 0.86 0.00	21.98 0.81 0.00	22.13 0.82 0.00	24.89 0.96 0.00	25.11 1.06 0.00	37.70 1.79 0.00	41.66 2.04 0.00	57.79 2.80 0.00	46.03 2.20 0.00	44.18 1.98 0.00	60.17 2.87 0.00	52.84 2.56 0.00	44.64 2.25 0.00	41.28 1.97 0.00	44.62 2.05 0.00	58.51 2.85 0.00	63.76 2.97 0.00	53.00 2.31 0.00	43.25 1.76 0.00	41.45 1.57 0.00	40.74 1.49 0.00	33.85 1.12 0.00

V_F_30_SYNC_DSASP 323786	30.43 0.32 0.00	28.02 0.30 0.00	22.63 0.34 0.00	21.51 0.33 0.00	21.65 0.34 0.00	24.32 0.39 0.00	24.57 0.52 0.00	36.77 0.86 0.00	40.45 0.83 0.00	56.07 1.08 0.00	44.70 0.88 0.00	42.93 0.73 0.00	58.40 1.10 0.00	51.27 1.00 0.00	43.36 0.97 0.00	40.19 0.88 0.00	43.40 0.83 0.00	56.86 1.20 0.00	62.04 1.26 0.00	51.54 0.86 0.00	42.06 0.58 0.00	40.33 0.45 0.00	39.61 0.35 0.00	32.91 0.18 0.00
V_XM_10_SYNC_DSASP 323789	31.44 1.33 0.00	29.00 1.27 0.00	23.14 0.86 0.00	22.03 0.85 0.00	22.01 0.70 0.00	24.30 0.37 0.00	24.63 0.58 0.00	36.64 0.73 0.00	40.43 0.81 0.00	55.67 0.67 0.00	44.53 0.71 0.00	43.41 1.21 0.00	58.95 1.65 0.00	51.07 0.79 0.00	42.87 0.47 0.00	39.63 0.32 0.00	43.33 0.76 0.00	57.43 1.77 0.00	63.69 2.91 0.00	53.19 2.50 0.00	43.21 1.72 0.00	41.17 1.28 0.00	40.58 1.33 0.00	33.36 0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.79 0.68 0.00	28.38 0.65 0.00	22.88 0.60 0.00	21.73 0.56 0.00	21.88 0.56 0.00	24.61 0.68 0.00	24.95 0.90 0.00	37.23 1.32 0.00	40.95 1.33 0.00	56.66 1.67 0.00	44.98 1.16 0.00	43.12 0.92 0.00	58.40 1.10 0.00	51.50 1.22 0.00	43.63 1.24 0.00	40.62 1.31 0.00	43.99 1.42 0.00	57.64 1.98 0.00	63.00 2.22 0.00	52.15 1.47 0.00	42.62 1.13 0.00	40.96 1.07 0.00	40.14 0.89 0.00	33.44 0.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.18 1.06 0.00	28.69 0.96 0.00	23.15 0.87 0.00	21.99 0.81 0.00	22.11 0.80 0.00	24.88 0.95 0.00	25.25 1.20 0.00	37.60 1.69 0.00	41.36 1.74 0.00	57.22 2.23 0.00	45.53 1.70 0.00	43.76 1.55 0.00	59.22 1.92 0.00	52.17 1.89 0.00	44.25 1.85 0.00	41.24 1.93 -0.01	44.56 1.99 0.00	58.18 2.52 0.00	63.52 2.74 0.00	52.63 1.94 0.00	42.99 1.51 0.00	41.38 1.49 0.00	40.53 1.28 0.00	33.77 1.04 0.00
W50THST__13_KV_LOAD 356117	31.36 1.24 0.00	28.85 1.12 0.00	23.28 1.00 0.00	22.10 0.92 0.00	22.24 0.92 0.00	25.03 1.10 0.00	25.41 1.36 0.00	37.83 1.91 0.00	41.63 2.01 0.00	57.63 2.64 0.00	45.87 2.05 0.00	44.12 1.91 0.00	59.67 2.36 0.00	52.56 2.29 0.00	44.59 2.19 0.00	41.55 2.24 -0.01	44.86 2.29 0.00	58.53 2.87 0.00	63.86 3.08 0.00	52.90 2.22 0.00	43.20 1.72 0.00	41.59 1.71 0.00	40.76 1.50 0.00	33.97 1.23 0.00
WADING RIVER_IC_1 23522	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.11 0.00	25.41 1.36 0.00	37.66 1.74 0.00	41.61 2.00 0.00	57.64 2.65 0.00	46.04 2.21 0.00	44.29 2.09 0.00	59.52 2.22 0.00	52.37 2.09 0.00	39.77 1.71 4.33	41.26 1.97 0.02	44.87 2.30 0.00	58.66 3.00 0.00	63.38 2.61 0.00	52.65 1.96 0.00	43.10 1.62 0.00	41.33 1.44 0.00	40.41 1.15 0.00	33.63 0.89 0.00
WADING RIVER_IC_2 23547	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.11 0.00	25.41 1.36 0.00	37.66 1.74 0.00	41.61 2.00 0.00	57.64 2.65 0.00	46.04 2.21 0.00	44.29 2.09 0.00	59.52 2.22 0.00	52.37 2.09 0.00	39.77 1.71 4.33	41.26 1.97 0.02	44.87 2.30 0.00	58.66 3.00 0.00	63.38 2.61 0.00	52.65 1.96 0.00	43.10 1.62 0.00	41.33 1.44 0.00	40.41 1.15 0.00	33.63 0.89 0.00
WADING RIVER_IC_3 23601	31.24 1.12 0.00	28.66 0.93 0.00	23.25 0.96 0.00	22.09 0.91 0.00	22.09 0.78 0.00	25.03 1.11 0.00	25.41 1.36 0.00	37.66 1.74 0.00	41.61 2.00 0.00	57.64 2.65 0.00	46.04 2.21 0.00	44.29 2.09 0.00	59.52 2.22 0.00	52.37 2.09 0.00	39.77 1.71 4.33	41.26 1.97 0.02	44.87 2.30 0.00	58.66 3.00 0.00	63.38 2.61 0.00	52.65 1.96 0.00	43.10 1.62 0.00	41.33 1.44 0.00	40.41 1.15 0.00	33.63 0.89 0.00
WALDENNY_12_KV_BK2 80841	29.59 -0.53 0.00	27.20 -0.53 0.00	21.41 -0.87 0.00	20.36 -0.81 0.00	20.56 -0.75 0.00	23.15 -0.78 0.00	22.80 -1.24 0.00	32.87 -2.27 0.77	32.04 -2.25 5.32	43.64 -2.70 8.66	35.58 -1.69 6.55	40.94 -1.27 0.00	55.64 -1.28 0.38	49.09 -1.18 0.00	39.91 -1.46 1.02	36.86 -1.98 0.47	40.51 -2.05 0.00	52.16 -3.50 0.00	56.56 -4.13 0.09	47.77 -2.92 0.00	39.44 -2.04 0.00	38.14 -1.75 0.00	38.13 -1.12 0.00	32.37 -0.36 0.00
WALDEN__HYDRO 24148	30.85 0.73 0.00	28.40 0.67 0.00	22.91 0.63 0.00	21.76 0.59 0.00	21.90 0.59 0.00	24.63 0.70 0.00	24.94 0.90 0.00	37.23 1.32 0.00	40.99 1.37 0.00	56.76 1.77 0.00	45.11 1.29 0.00	43.23 1.02 0.00	58.53 1.23 0.00	51.61 1.34 0.00	43.72 1.33 0.00	40.71 1.40 0.00	44.07 1.50 0.00	57.71 2.05 0.00	63.09 2.31 0.00	52.32 1.63 0.00	42.73 1.24 0.00	41.04 1.16 0.00	40.23 0.97 0.00	33.49 0.76 0.00
WARRENSBURG____ 23737	30.99 0.87 0.00	28.51 0.78 0.00	22.98 0.70 0.00	21.84 0.66 0.00	21.98 0.67 0.00	24.73 0.80 0.00	24.97 0.92 0.00	37.67 1.75 0.00	41.80 2.18 0.00	58.02 3.03 0.00	46.22 2.40 0.00	44.40 2.19 0.00	60.43 3.12 0.00	53.07 2.79 0.00	44.86 2.46 0.00	41.43 2.13 0.00	44.74 2.17 0.00	58.75 3.09 0.00	64.02 3.24 0.00	53.17 2.48 0.00	43.33 1.84 0.00	41.51 1.62 0.00	40.78 1.52 0.00	33.80 1.07 0.00
WATERSIDE____6 8 9 23538	31.32 1.20 0.00	28.82 1.09 0.00	23.26 0.98 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.76 0.00	41.44 1.83 0.00	57.21 2.22 0.00	45.55 1.73 0.00	43.81 1.61 0.00	59.24 1.93 0.00	52.24 1.97 0.00	44.30 1.91 0.00	41.31 2.00 0.00	44.58 2.01 0.00	58.20 2.53 0.00	63.54 2.76 0.00	52.67 1.99 0.00	43.06 1.57 0.00	41.53 1.64 0.00	40.62 1.36 0.00	33.88 1.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.95 -0.17 0.00	27.58 -0.15 0.00	22.23 -0.06 0.00	21.14 -0.03 0.00	21.28 -0.03 0.00	23.94 0.02 0.00	24.17 0.12 0.00	36.19 0.28 0.00	39.86 0.24 0.00	55.23 0.23 0.00	43.92 0.09 0.00	42.21 0.00 0.00	57.41 0.10 0.00	50.42 0.15 0.00	42.47 0.08 0.00	39.43 0.12 0.00	42.67 0.10 0.00	55.88 0.22 0.00	61.07 0.28 0.00	50.84 0.16 0.00	41.53 0.04 0.00	39.81 -0.08 0.00	39.08 -0.17 0.00	32.51 -0.23 0.00
WATSON__69_KV_BK 1 55734	31.56 1.44 0.00	28.95 1.22 0.00	23.46 1.17 0.00	22.26 1.08 0.00	22.26 0.94 0.00	25.12 1.20 0.00	25.46 1.41 0.00	37.79 1.88 0.00	41.77 2.15 0.00	57.79 2.80 0.00	46.20 2.38 0.00	44.40 2.20 0.00	59.74 2.44 0.00	52.61 2.34 0.00	40.17 1.95 4.17	41.55 2.26 0.01	45.10 2.53 0.00	58.99 3.33 0.00	64.01 3.23 0.00	53.17 2.49 0.00	43.54 2.05 0.00	41.76 1.87 0.00	40.82 1.57 0.00	34.00 1.27 0.00
WDELAWARE__HYD 323627	31.14 1.03 0.00	28.67 0.94 0.00	23.13 0.84 0.00	21.94 0.76 0.00	22.08 0.77 0.00	24.84 0.92 0.00	25.14 1.10 0.00	37.55 1.63 0.00	41.36 1.75 0.00	57.44 2.45 0.00	45.88 2.05 0.00	43.53 1.32 0.00	59.03 1.72 0.00	52.06 1.78 0.00	44.06 1.66 0.00	40.96 1.66 0.00	44.38 1.81 0.00	58.29 2.63 0.00	63.79 3.01 0.00	52.95 2.27 0.00	43.27 1.78 0.00	41.56 1.67 0.00	40.70 1.45 0.00	33.87 1.14 0.00

WEST BABYLON___IC 23714	31.52 1.40 0.00	28.92 1.19 0.00	23.42 1.13 0.00	22.22 1.04 0.00	22.23 0.91 0.00	25.04 1.11 0.00	25.36 1.32 0.00	37.66 1.74 0.00	41.63 2.01 0.00	57.57 2.58 0.00	45.99 2.16 0.00	44.20 1.99 0.00	59.46 2.15 0.00	52.38 2.11 0.00	40.39 1.81 3.82	41.39 2.10 0.01	44.90 2.33 0.00	58.65 2.99 0.00	63.71 2.93 0.00	52.93 2.25 0.00	43.34 1.86 0.00	41.62 1.74 0.00	40.78 1.52 0.00	33.98 1.24 0.00
WEST CANADA___HYD 24049	30.06 -0.06 0.00	27.68 -0.05 0.00	22.28 0.00 0.00	21.18 0.00 0.00	21.31 0.00 0.00	23.93 0.00 0.00	24.07 0.02 0.00	35.95 0.04 0.00	39.64 0.03 0.00	55.02 0.02 0.00	43.84 0.01 0.00	42.19 -0.01 0.00	57.31 0.00 0.00	50.27 0.00 0.00	42.41 0.02 0.00	39.37 0.07 0.00	42.60 0.03 0.00	55.71 0.04 0.00	60.83 0.04 0.00	50.69 0.00 0.00	41.47 -0.02 0.00	39.85 -0.04 0.00	39.21 -0.04 0.00	32.70 -0.03 0.00
WESTERN_NY_WIND 24143	30.05 -0.07 0.00	27.62 -0.11 0.00	21.79 -0.50 0.00	20.73 -0.45 0.00	20.94 -0.37 0.00	23.63 -0.30 0.00	23.35 -0.70 0.00	33.83 -1.29 0.79	33.26 -0.94 5.41	45.06 -1.21 8.72	36.46 -0.79 6.58	41.82 -0.38 0.00	56.60 -0.33 0.38	49.86 -0.41 0.00	40.45 -0.92 1.02	37.64 -1.20 0.47	41.28 -1.28 0.00	53.37 -2.29 0.00	58.15 -2.58 0.05	49.10 -1.58 0.00	40.42 -1.07 0.00	39.00 -0.89 0.00	38.89 -0.36 0.00	32.91 0.17 0.00
WESTOVER___LESR 323668	29.97 -0.15 0.00	27.61 -0.12 0.00	22.13 -0.15 0.00	21.05 -0.13 0.00	21.20 -0.12 0.00	23.87 -0.06 0.00	23.91 -0.14 0.00	35.79 -0.25 -0.13	40.62 -0.25 -1.25	56.87 -0.15 -2.04	45.27 -0.09 -1.53	42.11 -0.10 0.00	57.46 0.06 -0.09	50.31 0.04 0.00	42.66 0.03 -0.24	39.45 0.04 -0.11	42.68 0.12 0.00	55.75 0.08 0.00	60.76 0.00 0.02	50.77 0.09 0.00	41.65 0.16 0.00	40.09 0.20 0.00	39.50 0.25 0.00	33.01 0.28 0.00
WETHRSFD_WT_PWR 323626	29.41 -0.72 0.00	27.04 -0.69 0.00	21.43 -0.86 0.00	20.37 -0.81 0.00	20.54 -0.77 0.00	23.05 -0.88 0.00	22.31 -1.73 0.00	26.25 -2.99 6.67	-8.14 -2.62 45.15	-21.57 -3.42 73.14	-14.14 -2.66 55.30	39.61 -2.59 0.01	50.81 -3.28 3.21	47.43 -2.84 0.01	31.30 -2.50 8.59	33.10 -2.28 3.93	40.41 -2.16 0.00	52.48 -3.18 0.00	56.99 -3.72 0.07	48.05 -2.64 0.00	39.62 -1.87 0.00	38.22 -1.67 0.00	38.09 -1.16 0.00	32.24 -0.50 0.00
WHAVSTOR_138KV_BK127 55557	30.68 0.56 0.00	28.27 0.55 0.00	22.80 0.52 0.00	21.65 0.48 0.00	21.80 0.48 0.00	24.52 0.59 0.00	24.85 0.80 0.00	37.06 1.15 0.00	40.76 1.14 0.00	56.40 1.40 0.00	44.77 0.95 0.00	42.93 0.72 0.00	58.13 0.83 0.00	51.25 0.98 0.00	43.42 1.03 0.00	40.43 1.12 0.00	43.77 1.21 0.00	57.34 1.67 0.00	62.69 1.91 0.00	51.89 1.21 0.00	42.41 0.92 0.00	40.77 0.88 0.00	39.96 0.71 0.00	33.30 0.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.68 0.56 0.00	28.27 0.55 0.00	22.80 0.52 0.00	21.65 0.48 0.00	21.80 0.48 0.00	24.52 0.59 0.00	24.85 0.80 0.00	37.06 1.15 0.00	40.76 1.14 0.00	56.40 1.40 0.00	44.77 0.95 0.00	42.93 0.72 0.00	58.13 0.83 0.00	51.25 0.98 0.00	43.42 1.03 0.00	40.43 1.12 0.00	43.77 1.21 0.00	57.34 1.67 0.00	62.69 1.91 0.00	51.89 1.21 0.00	42.41 0.92 0.00	40.77 0.88 0.00	39.96 0.71 0.00	33.30 0.57 0.00
WHITEHAL_115KV_TB1 80871	31.55 1.43 0.00	29.08 1.36 0.00	23.45 1.16 0.00	22.21 1.03 0.00	22.33 1.02 0.00	25.19 1.26 0.00	25.51 1.46 0.00	39.08 3.17 0.00	44.05 4.43 0.00	61.09 6.09 0.00	48.75 4.92 0.00	46.96 4.76 0.00	63.94 6.64 0.00	56.09 5.81 0.00	47.36 4.97 0.00	43.78 4.47 0.00	46.95 4.38 0.00	61.88 6.22 0.00	67.26 6.48 0.00	55.74 5.06 0.00	45.28 3.79 0.00	43.44 3.56 0.00	42.89 3.64 0.00	35.29 2.55 0.00
WHITEPLN_13_KV_LOAD 356215	31.25 1.13 0.00	28.75 1.03 0.00	23.20 0.91 0.00	22.03 0.85 0.00	22.16 0.85 0.00	24.93 1.01 0.00	25.30 1.25 0.00	37.73 1.82 0.00	41.56 1.94 0.00	57.53 2.53 0.00	45.77 1.94 0.00	43.94 1.73 0.00	59.49 2.19 0.00	52.41 2.13 0.00	44.42 2.03 0.00	41.40 2.09 0.00	44.79 2.22 0.00	58.56 2.89 0.00	63.92 3.14 0.00	52.98 2.30 0.00	43.26 1.77 0.00	41.58 1.69 0.00	40.71 1.46 0.00	33.89 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	31.28 1.17 0.00	28.70 0.97 0.00	23.28 0.99 0.00	22.11 0.93 0.00	22.11 0.80 0.00	25.02 1.09 0.00	25.38 1.34 0.00	37.64 1.73 0.00	41.60 1.98 0.00	57.61 2.62 0.00	46.03 2.21 0.00	44.25 2.04 0.00	59.44 2.14 0.00	52.31 2.03 0.00	39.77 1.70 4.32	41.25 1.96 0.02	44.85 2.28 0.00	58.66 3.00 0.00	63.47 2.69 0.00	52.73 2.05 0.00	43.17 1.68 0.00	41.38 1.50 0.00	40.45 1.20 0.00	33.67 0.94 0.00
WOODARD___115KV_TB2 355635	29.62 -0.49 0.00	27.27 -0.46 0.00	21.89 -0.40 0.00	20.82 -0.36 0.00	20.97 -0.34 0.00	23.55 -0.37 0.00	23.64 -0.40 0.00	35.29 -0.62 0.00	39.02 -0.60 0.00	54.26 -0.74 0.00	43.32 -0.51 0.00	41.71 -0.50 0.00	56.68 -0.63 0.00	49.72 -0.56 0.00	41.92 -0.48 0.00	38.86 -0.44 0.00	42.11 -0.45 0.00	54.97 -0.69 0.00	59.99 -0.80 0.00	50.06 -0.63 0.00	40.98 -0.51 0.00	39.38 -0.51 0.00	38.77 -0.48 0.00	32.37 -0.37 0.00
YORK___WARBASSE 23770	31.34 1.22 0.00	28.82 1.09 0.00	23.26 0.97 0.00	22.08 0.90 0.00	22.20 0.89 0.00	24.98 1.06 0.00	25.35 1.30 0.00	37.68 1.77 0.00	41.45 1.84 0.00	57.34 2.35 0.00	45.63 1.80 0.00	43.86 1.65 0.00	59.34 2.04 0.00	52.32 2.05 0.00	44.34 1.94 0.00	41.33 2.03 0.00	44.62 2.05 0.00	58.29 2.63 0.00	63.66 2.89 0.00	52.82 2.13 0.00	43.15 1.66 0.00	41.64 1.75 0.00	40.65 1.40 0.00	33.90 1.16 0.00