

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/13/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	54.03	53.69	52.71	41.96	38.59	50.03	52.29	55.05	53.00	61.05	58.88	63.25	63.90	68.33	90.02	80.52	69.64	54.52	53.76	50.63	50.64	53.11	51.94	57.87
24138	1.01	1.37	1.51	1.34	1.21	1.33	1.34	1.57	1.95	2.48	3.44	4.55	4.69	5.20	7.00	6.29	5.62	4.23	3.57	3.18	2.89	2.33	1.94	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.15	53.78	52.78	41.99	38.61	50.04	52.33	55.05	52.97	60.94	58.73	63.11	63.81	68.23	89.84	80.35	69.55	54.47	53.75	50.66	50.68	53.20	52.04	57.96
24260	1.13	1.47	1.58	1.37	1.23	1.34	1.38	1.57	1.92	2.37	3.30	4.41	4.60	5.09	6.82	6.12	5.53	4.18	3.56	3.21	2.94	2.42	2.05	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.15	53.78	52.78	41.99	38.61	50.04	52.33	55.05	52.97	60.94	58.73	63.11	63.81	68.23	89.84	80.35	69.55	54.47	53.75	50.66	50.68	53.20	52.04	57.96
24261	1.13	1.47	1.58	1.37	1.23	1.34	1.38	1.57	1.92	2.37	3.30	4.41	4.60	5.09	6.82	6.12	5.53	4.18	3.56	3.21	2.94	2.42	2.05	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 HUDSON___FALLS	55.02	54.30	53.23	42.11	39.02	50.93	53.36	56.19	53.47	60.71	57.47	61.60	62.59	66.99	88.81	78.90	68.37	53.76	53.89	50.77	51.07	54.02	52.60	58.87
24011	1.99	1.99	2.03	1.48	1.64	2.23	2.40	2.71	2.42	2.15	2.03	2.91	3.38	3.86	5.78	4.67	4.35	3.46	3.70	3.32	3.33	3.24	2.61	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	55.07	54.35	53.30	42.12	39.15	51.14	53.67	56.59	53.78	60.82	57.61	61.79	62.75	67.12	89.31	79.38	68.86	54.17	54.22	51.00	51.25	54.23	52.76	58.99
23798	2.04	2.03	2.10	1.50	1.77	2.44	2.72	3.11	2.73	2.25	2.17	3.09	3.55	3.99	6.29	5.15	4.84	3.88	4.03	3.55	3.50	3.45	2.77	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	55.02	54.30	53.23	42.11	39.02	50.93	53.36	56.19	53.47	60.71	57.47	61.60	62.59	66.99	88.81	78.90	68.37	53.76	53.89	50.77	51.07	54.02	52.60	58.87
24028	1.99	1.99	2.03	1.48	1.64	2.23	2.40	2.71	2.42	2.15	2.03	2.91	3.38	3.86	5.78	4.67	4.35	3.46	3.70	3.32	3.33	3.24	2.61	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.17	53.60	52.54	41.54	38.36	49.95	52.13	54.80	52.36	59.58	56.76	60.75	61.62	65.93	87.15	77.26	66.91	52.69	52.35	49.30	49.68	52.65	51.40	57.73
23527	1.15	1.29	1.35	0.92	0.99	1.25	1.18	1.32	1.31	1.01	1.33	2.06	2.42	2.80	4.12	3.03	2.89	2.39	2.16	1.85	1.94	1.87	1.41	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.04	51.51	50.63	40.21	37.02	48.15	50.17	52.66	50.33	57.60	54.92	58.74	59.52	63.60	83.65	74.44	64.37	50.70	50.39	47.50	47.74	50.54	49.45	55.42
24190	-0.99	-0.80	-0.57	-0.41	-0.36	-0.55	-0.78	-0.82	-0.72	-0.97	-0.51	0.04	0.31	0.47	0.63	0.21	0.35	0.41	0.20	0.05	0.00	-0.24	-0.55	-0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.97	53.26	51.94	41.20	37.88	49.46	51.85	54.38	51.86	59.47	55.21	57.60	58.00	61.69	81.07	72.81	62.75	49.30	49.26	46.59	47.07	50.38	50.24	57.09
355683	0.94	0.95	0.75	0.58	0.50	0.76	0.90	0.90	0.81	0.90	-0.23	-1.10	-1.21	-1.45	-1.96	-1.42	-1.27	-0.99	-0.93	-0.85	-0.67	-0.40	0.24	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.40	51.84	50.98	40.46	37.27	48.44	50.42	52.77	50.21	57.28	54.54	58.25	59.13	63.40	83.64	74.43	64.10	50.59	50.39	47.62	47.90	50.75	49.68	55.70
323833	-0.63	-0.47	-0.22	-0.16	-0.11	-0.26	-0.53	-0.70	-0.84	-1.28	-0.90	-0.45	-0.08	0.26	0.62	0.20	0.08	0.30	0.20	0.17	0.15	-0.03	-0.32	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.38	51.82	50.95	40.44	37.26	48.42	50.40	52.76	50.19	57.28	54.52	58.21	59.11	63.37	83.61	74.39	64.08	50.57	50.38	47.58	47.86	50.73	49.66	55.69
323834	-0.65	-0.50	-0.25	-0.19	-0.12	-0.28	-0.55	-0.72	-0.86	-1.29	-0.92	-0.49	-0.09	0.24	0.59	0.16	0.06	0.27	0.19	0.13	0.12	-0.05	-0.33	-0.70
	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
ALBANY___1	52.04	51.51	50.63	40.21	37.02	48.15	50.17	52.66	50.33	57.60	54.92	58.74	59.52	63.60	83.65	74.44	64.37	50.70	50.39	47.50	47.74	50.54	49.45	55.42
23571	-0.99	-0.80	-0.57	-0.41	-0.36	-0.55	-0.78	-0.82	-0.72	-0.97	-0.51	0.04	0.31	0.47	0.63	0.21	0.35	0.41	0.20	0.05	0.00	-0.24	-0.55	-0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.60 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.47 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.70 0.41 0.00	50.39 0.20 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.42 -0.96 0.00
ALBANY___3 23573	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.60 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.47 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.70 0.41 0.00	50.39 0.20 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.42 -0.96 0.00
ALBANY___4 23574	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.60 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.47 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.70 0.41 0.00	50.39 0.20 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.42 -0.96 0.00
ALBANY___LFGE 323615	52.81 -0.21 0.00	52.23 -0.08 0.00	51.33 0.13 0.00	40.73 0.10 0.00	37.51 0.13 0.00	48.79 0.09 0.00	50.88 -0.07 0.00	53.42 -0.05 0.00	51.09 0.04 0.00	58.49 -0.08 0.00	55.81 0.37 0.00	59.72 1.02 0.00	60.57 1.37 0.00	64.70 1.57 0.00	85.06 2.03 0.00	75.64 1.42 0.00	65.40 1.38 0.00	51.50 1.21 0.00	51.21 1.02 0.00	48.26 0.81 0.00	48.51 0.77 0.00	51.33 0.55 0.00	50.18 0.19 0.00	56.23 -0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	54.53 1.49 -0.01	53.78 1.47 0.00	52.45 1.25 0.00	41.60 0.98 0.00	38.24 0.86 0.00	49.93 1.24 0.00	52.31 1.36 0.00	54.69 1.21 0.00	52.14 1.09 0.00	59.84 1.27 0.00	55.42 -0.01 0.00	57.69 -1.00 0.00	58.03 -1.17 0.00	61.69 -1.45 0.00	80.93 -2.09 0.00	72.69 -1.54 0.00	62.68 -1.35 0.00	49.28 -1.01 0.00	49.22 -0.97 0.00	46.64 -0.81 0.00	47.13 -0.61 0.00	50.40 -0.38 0.00	50.43 0.44 0.00	57.41 1.03 0.00
ALCOA_RYNLDS___DRP 24188	54.53 1.49 -0.01	53.78 1.47 0.00	52.45 1.25 0.00	41.60 0.98 0.00	38.24 0.86 0.00	49.93 1.24 0.00	52.31 1.36 0.00	54.69 1.21 0.00	52.14 1.09 0.00	59.84 1.27 0.00	55.42 -0.01 0.00	57.69 -1.00 0.00	58.03 -1.17 0.00	61.69 -1.45 0.00	80.93 -2.09 0.00	72.69 -1.54 0.00	62.68 -1.35 0.00	49.28 -1.01 0.00	49.22 -0.97 0.00	46.64 -0.81 0.00	47.13 -0.61 0.00	50.40 -0.38 0.00	50.43 0.44 0.00	57.41 1.03 0.00
ALCOA___DSASP 323711	54.53 1.49 -0.01	53.78 1.47 0.00	52.45 1.26 0.00	41.60 0.98 0.00	38.24 0.86 0.00	49.93 1.23 0.00	52.32 1.36 0.00	54.69 1.21 0.00	52.14 1.09 0.00	59.84 1.27 0.00	55.42 -0.01 0.00	57.69 -1.00 0.00	58.03 -1.17 0.00	61.69 -1.45 0.00	80.93 -2.09 0.00	72.69 -1.54 0.00	62.68 -1.35 0.00	49.28 -1.01 0.00	49.22 -0.97 0.00	46.64 -0.81 0.00	47.13 -0.61 0.00	50.40 -0.38 0.00	50.43 0.43 0.00	57.41 1.03 0.00
ALLEGHENY___COGEN 23514	55.87 2.85 0.00	54.19 1.88 0.00	52.59 1.39 0.00	41.49 0.86 0.00	38.18 0.80 0.00	49.85 1.16 0.00	52.84 1.88 0.00	55.59 2.11 0.00	53.26 2.21 0.00	61.16 2.60 0.00	58.69 3.26 0.00	62.03 3.33 0.00	60.46 1.26 0.00	62.46 -0.68 0.00	79.74 -3.28 0.00	71.62 -2.61 0.00	62.73 -1.29 0.00	49.29 -1.00 0.00	50.39 0.20 0.00	48.87 1.42 0.00	50.48 2.74 0.00	56.63 5.85 0.00	54.31 4.31 0.00	60.30 3.91 0.00
ALTAMONT_115KV_TB 2 55880	52.88 -0.14 0.00	52.32 0.00 0.00	51.38 0.19 0.00	40.78 0.16 0.00	37.56 0.18 0.00	48.86 0.16 0.00	50.93 -0.02 0.00	53.46 -0.02 0.00	51.04 -0.01 0.00	58.44 -0.13 0.00	55.72 0.28 0.00	59.51 0.82 0.00	60.28 1.08 0.00	64.44 1.31 0.00	84.78 1.75 0.00	75.49 1.26 0.00	65.26 1.24 0.00	51.33 1.04 0.00	51.07 0.88 0.00	48.19 0.75 0.00	48.43 0.69 0.00	51.30 0.52 0.00	50.23 0.23 0.00	56.33 -0.05 0.00
ALTONA_WT_PWR 323606	53.65 0.63 0.00	53.00 0.69 0.00	51.69 0.49 0.00	40.97 0.34 0.00	37.70 0.32 0.00	49.22 0.52 0.00	51.63 0.68 0.00	54.41 0.93 0.00	51.97 0.91 0.00	59.54 0.97 0.00	54.78 -0.66 0.00	57.18 -1.52 0.00	57.95 -1.25 0.00	61.58 -1.55 0.00	81.29 -1.74 0.00	72.76 -1.47 0.00	62.67 -1.36 0.00	49.49 -0.80 0.00	49.55 -0.64 0.00	46.78 -0.66 0.00	47.25 -0.50 0.00	50.68 -0.10 0.00	50.33 0.33 0.00	57.00 0.62 0.00
AMERICAN_REF_FUEL 24010	54.67 1.65 0.00	53.08 0.77 0.00	51.38 0.18 0.00	40.48 -0.14 0.00	37.34 -0.04 0.00	49.15 0.45 0.00	51.96 1.01 0.00	54.28 0.80 0.00	52.03 0.98 0.00	60.63 2.07 0.00	58.75 3.34 0.03	62.32 3.63 0.00	61.46 2.26 0.00	64.90 1.77 0.00	85.12 2.10 0.00	76.58 2.35 0.00	64.72 0.71 0.00	50.47 0.18 0.00	51.29 1.10 0.00	48.59 1.14 0.00	49.25 1.82 0.31	44.74 1.92 7.95	51.63 1.64 0.00	58.34 1.96 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.92 2.90 0.00	53.59 1.28 0.00	51.33 0.14 0.00	40.17 -0.45 0.00	37.43 0.05 0.00	50.31 1.61 0.00	52.76 1.81 0.00	55.26 1.78 0.00	53.23 2.18 0.00	62.52 3.96 0.00	60.84 5.44 0.03	64.61 5.92 0.00	63.59 4.39 0.00	67.20 4.07 0.00	88.21 5.19 0.00	79.34 5.12 0.00	67.68 3.66 0.00	53.15 2.85 0.00	54.10 3.91 0.00	51.42 3.97 0.00	51.48 4.14 0.41	44.59 4.19 10.39	53.36 3.36 0.00	60.09 3.71 0.00
ARTHUR KILL_GT_1 23520	53.46 0.44 0.00	53.11 0.80 0.00	51.76 0.85 0.29	41.58 0.95 0.00	38.15 0.77 0.00	49.27 0.57 0.00	51.44 0.53 0.04	53.33 0.50 0.64	51.99 1.01 0.08	57.23 0.93 2.27	52.59 1.82 4.67	60.44 3.00 1.26	62.43 3.23 0.00	67.01 3.88 0.00	88.13 5.10 0.00	79.22 4.99 0.00	68.83 4.81 0.00	53.89 3.60 0.00	53.18 2.99 0.00	50.40 2.95 -0.01	50.21 2.47 0.00	52.43 1.65 0.00	51.45 1.45 0.00	57.00 0.62 0.00
ARTHUR_KILL_2 23512	53.23 0.21 0.00	52.90 0.58 0.00	51.56 0.64 0.29	41.42 0.80 0.00	38.01 0.63 0.00	49.07 0.38 0.00	51.22 0.31 0.04	53.12 0.28 0.65	51.77 0.80 0.08	56.91 0.62 2.27	52.31 1.54 4.67	60.17 2.73 1.26	62.12 2.92 0.01	66.71 3.58 0.00	87.71 4.68 0.00	78.82 4.59 0.00	68.46 4.45 0.00	53.61 3.32 0.00	52.89 2.70 0.00	50.17 2.72 0.00	49.97 2.24 0.00	52.18 1.40 0.00	51.21 1.22 0.00	56.75 0.37 0.00
ARTHUR_KILL_3 23513	53.30 0.27 0.00	52.92 0.61 0.00	51.71 0.79 0.28	41.40 0.78 0.00	38.06 0.69 0.00	49.28 0.58 0.00	51.46 0.54 0.04	53.47 0.63 0.64	51.97 1.00 0.08	54.72 1.27 5.11	52.18 2.27 5.52	60.48 3.31 1.52	62.49 3.50 0.22	66.94 3.93 0.12	88.33 5.31 0.01	78.98 4.75 0.00	68.37 4.36 0.00	53.57 3.28 0.00	52.88 2.69 0.00	49.93 2.48 0.00	49.93 2.19 0.00	52.33 1.54 0.00	51.21 1.21 0.00	56.98 0.60 0.01

ARTHUR_KILL_COGEN 323718	53.47 0.45 0.00	53.11 0.80 0.00	51.76 0.85 0.29	41.58 0.95 0.00	38.15 0.77 0.00	49.27 0.57 0.00	51.43 0.52 0.04	53.33 0.50 0.65	51.98 1.01 0.08	57.18 0.88 2.27	52.54 1.78 4.67	60.43 2.99 1.26	62.41 3.21 0.01	67.00 3.87 0.00	88.12 5.09 0.00	79.22 4.99 0.00	68.83 4.81 0.00	53.89 3.60 0.00	53.18 2.99 0.00	50.40 2.95 0.00	50.21 2.47 0.00	52.43 1.65 0.00	51.45 1.45 0.00	57.00 0.62 0.00
ASHOKAN____ 23654	53.80 0.78 0.00	53.10 0.79 0.00	52.02 0.83 0.00	41.27 0.65 0.00	37.98 0.59 0.00	49.41 0.71 0.00	51.53 0.58 0.00	54.22 0.74 0.00	51.79 0.74 0.00	59.44 0.87 0.00	56.86 1.42 0.00	60.93 2.23 0.00	61.85 2.65 0.00	66.53 3.40 0.00	88.89 5.86 0.00	79.23 5.00 0.00	68.08 4.06 0.00	53.36 3.07 0.00	52.97 2.78 0.00	50.00 2.56 0.00	50.13 2.39 0.00	52.82 2.04 0.00	51.45 1.45 0.00	57.38 1.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.42 0.40 0.00	53.16 0.85 0.00	52.21 1.01 0.00	41.60 0.97 0.00	38.16 0.78 0.00	49.28 0.58 0.00	51.66 0.71 0.00	54.21 0.73 0.00	52.23 1.18 0.00	59.61 1.05 0.00	57.39 1.96 0.00	61.68 2.99 0.00	62.38 3.18 0.01	66.68 3.55 0.00	87.72 4.70 0.00	78.46 4.23 0.00	68.15 4.13 0.00	53.46 3.17 0.00	52.68 2.49 0.00	49.93 2.49 0.00	49.79 2.05 0.00	52.23 1.46 0.00	51.27 1.27 0.00	56.92 0.54 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.42 0.40 0.00	53.16 0.85 0.00	52.21 1.01 0.00	41.60 0.97 0.00	38.16 0.78 0.00	49.27 0.58 0.00	51.66 0.71 0.00	54.21 0.73 0.00	52.23 1.19 0.00	59.61 1.05 0.00	57.39 1.96 0.00	61.68 2.99 0.00	62.38 3.18 0.01	66.68 3.55 0.00	87.72 4.70 0.00	78.46 4.23 0.00	68.15 4.13 0.00	53.46 3.17 0.00	52.68 2.49 0.00	49.93 2.49 0.00	49.79 2.05 0.00	52.23 1.46 0.00	51.27 1.27 0.00	56.92 0.55 0.00
ASTORIA_GT2_1 24094	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT2_2 24095	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT2_3 24096	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT2_4 24097	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT3_1 24098	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT3_2 24099	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT3_3 24100	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT3_4 24101	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT4_1 24102	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT4_2 24103	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT4_3 24104	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00

ASTORIA_GT4_4 24105	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.04 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.44 3.24 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.52 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.29 1.29 0.00	56.95 0.57 0.00
ASTORIA_GT_1 23523	53.58 0.55 0.00	53.31 1.00 0.00	52.35 1.15 0.00	41.71 1.09 0.00	38.25 0.87 0.00	49.41 0.71 0.00	51.81 0.86 0.00	54.37 0.89 0.00	52.40 1.35 0.00	59.83 1.27 0.00	57.61 2.18 0.00	61.91 3.22 0.00	62.62 3.41 0.00	66.94 3.81 0.00	88.04 5.01 0.00	78.76 4.53 0.00	68.39 4.37 0.00	53.65 3.36 0.00	52.87 2.68 0.00	50.10 2.65 0.00	49.95 2.21 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.09 0.71 0.00
ASTORIA_GT_10 24110	53.36 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.70 0.00	54.26 0.78 0.00	52.28 1.23 0.00	59.85 1.28 0.00	57.64 2.20 0.00	61.93 3.23 0.00	62.54 3.34 0.00	66.93 3.80 0.00	88.09 5.06 0.00	78.84 4.61 0.00	68.34 4.32 0.00	53.56 3.26 0.00	52.78 2.59 0.00	49.95 2.51 0.00	49.89 2.15 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
ASTORIA_GT_11 24225	53.36 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.70 0.00	54.26 0.78 0.00	52.28 1.23 0.00	59.85 1.28 0.00	57.64 2.20 0.00	61.93 3.23 0.00	62.54 3.34 0.00	66.93 3.80 0.00	88.09 5.06 0.00	78.84 4.61 0.00	68.34 4.32 0.00	53.56 3.26 0.00	52.78 2.59 0.00	49.95 2.51 0.00	49.89 2.15 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
ASTORIA_GT_12 24226	53.36 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.70 0.00	54.26 0.78 0.00	52.28 1.23 0.00	59.85 1.28 0.00	57.64 2.20 0.00	61.93 3.23 0.00	62.54 3.34 0.00	66.93 3.80 0.00	88.09 5.06 0.00	78.84 4.61 0.00	68.34 4.32 0.00	53.56 3.26 0.00	52.78 2.59 0.00	49.95 2.51 0.00	49.89 2.15 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
ASTORIA_GT_13 24227	53.36 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.70 0.00	54.26 0.78 0.00	52.28 1.23 0.00	59.85 1.28 0.00	57.64 2.20 0.00	61.93 3.23 0.00	62.54 3.34 0.00	66.93 3.80 0.00	88.09 5.06 0.00	78.84 4.61 0.00	68.34 4.32 0.00	53.56 3.26 0.00	52.78 2.59 0.00	49.95 2.51 0.00	49.89 2.15 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
ASTORIA_GT_5 24106	53.58 0.55 0.00	53.31 1.00 0.00	52.35 1.15 0.00	41.71 1.09 0.00	38.25 0.87 0.00	49.41 0.71 0.00	51.81 0.86 0.00	54.37 0.89 0.00	52.40 1.35 0.00	59.83 1.27 0.00	57.61 2.18 0.00	61.91 3.22 0.00	62.62 3.41 0.00	66.94 3.81 0.00	88.04 5.01 0.00	78.76 4.53 0.00	68.39 4.37 0.00	53.65 3.36 0.00	52.87 2.68 0.00	50.10 2.65 0.00	49.95 2.21 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.09 0.71 0.00
ASTORIA_GT_7 24107	53.58 0.55 0.00	53.31 1.00 0.00	52.35 1.15 0.00	41.71 1.09 0.00	38.25 0.87 0.00	49.41 0.71 0.00	51.81 0.86 0.00	54.37 0.89 0.00	52.40 1.35 0.00	59.83 1.27 0.00	57.61 2.18 0.00	61.91 3.22 0.00	62.62 3.41 0.00	66.94 3.81 0.00	88.04 5.01 0.00	78.76 4.53 0.00	68.39 4.37 0.00	53.65 3.36 0.00	52.87 2.68 0.00	50.10 2.65 0.00	49.95 2.21 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.09 0.71 0.00
ASTORIA_GT_8 24108	53.58 0.55 0.00	53.31 1.00 0.00	52.35 1.15 0.00	41.71 1.09 0.00	38.25 0.87 0.00	49.41 0.71 0.00	51.81 0.86 0.00	54.37 0.89 0.00	52.40 1.35 0.00	59.83 1.27 0.00	57.61 2.18 0.00	61.91 3.22 0.00	62.62 3.41 0.00	66.94 3.81 0.00	88.04 5.01 0.00	78.76 4.53 0.00	68.39 4.37 0.00	53.65 3.36 0.00	52.87 2.68 0.00	50.10 2.65 0.00	49.95 2.21 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.09 0.71 0.00
ASTORIA___2 24149	53.45 0.43 0.00	53.19 0.88 0.00	52.23 1.03 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.73 0.00	54.23 0.76 0.00	52.26 1.21 0.00	59.64 1.07 0.00	57.41 1.98 0.00	61.73 3.03 0.00	62.41 3.21 0.01	66.72 3.59 0.00	87.76 4.74 0.00	78.52 4.29 0.00	68.20 4.18 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.51 0.00	49.82 2.08 0.00	52.26 1.48 0.00	51.30 1.30 0.00	56.96 0.58 0.00
ASTORIA___3 23516	53.44 0.42 0.00	53.19 0.88 0.00	52.23 1.03 0.00	41.63 1.00 0.00	38.18 0.79 0.00	49.31 0.61 0.00	51.69 0.73 0.00	54.23 0.76 0.00	52.26 1.21 0.00	59.64 1.07 0.00	57.41 1.98 0.00	61.73 3.03 0.00	62.41 3.21 0.01	66.72 3.59 0.00	87.75 4.73 0.00	78.52 4.29 0.00	68.20 4.18 0.00	53.48 3.19 0.00	52.71 2.52 0.00	49.95 2.51 0.00	49.82 2.08 0.00	52.26 1.48 0.00	51.30 1.30 0.00	56.95 0.57 0.00
ASTORIA___4 23517	53.45 0.42 0.00	53.19 0.88 0.00	52.23 1.03 0.00	41.63 1.00 0.00	38.17 0.79 0.00	49.31 0.61 0.00	51.69 0.74 0.00	54.23 0.75 0.00	52.26 1.21 0.00	59.68 1.11 0.00	57.45 2.01 0.00	61.74 3.04 0.00	62.43 3.23 0.00	66.74 3.60 0.00	87.78 4.76 0.00	78.52 4.30 0.00	68.19 4.17 0.00	53.48 3.19 0.00	52.72 2.53 0.00	49.96 2.51 0.00	49.82 2.08 0.00	52.27 1.49 0.00	51.28 1.28 0.00	56.95 0.57 0.00
ASTORIA___5 23518	53.37 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.64 0.69 0.00	54.25 0.77 0.00	52.28 1.23 0.00	59.83 1.26 0.00	57.62 2.19 0.00	61.92 3.23 0.00	62.51 3.32 0.01	66.92 3.79 0.00	88.07 5.05 0.00	78.83 4.60 0.00	68.34 4.32 0.00	53.56 3.26 0.00	52.79 2.60 0.00	49.95 2.50 0.00	49.87 2.14 0.00	52.32 1.54 0.00	51.30 1.30 0.00	56.99 0.62 0.00
AST_ENERGY_2_CC3 323677	53.45 0.42 0.00	53.10 0.79 0.00	52.14 0.95 0.00	41.51 0.88 0.00	38.16 0.78 0.00	49.44 0.74 0.00	51.66 0.71 0.00	54.30 0.82 0.00	52.22 1.17 0.00	60.05 1.49 0.00	57.88 2.44 0.00	62.21 3.51 0.00	62.92 3.72 0.00	67.28 4.15 0.00	88.61 5.59 0.00	79.24 5.01 0.00	68.59 4.57 0.00	53.73 3.44 0.00	53.02 2.83 0.00	49.99 2.54 0.00	50.01 2.27 0.00	52.49 1.70 0.00	51.35 1.35 0.00	57.18 0.80 0.00
AST_ENERGY_2_CC4 323678	53.45 0.42 0.00	53.10 0.79 0.00	52.14 0.95 0.00	41.51 0.88 0.00	38.16 0.78 0.00	49.44 0.74 0.00	51.66 0.71 0.00	54.30 0.82 0.00	52.22 1.17 0.00	60.05 1.49 0.00	57.88 2.44 0.00	62.21 3.51 0.00	62.92 3.72 0.00	67.28 4.15 0.00	88.61 5.59 0.00	79.24 5.01 0.00	68.59 4.57 0.00	53.73 3.44 0.00	53.02 2.83 0.00	49.99 2.54 0.00	50.01 2.27 0.00	52.49 1.70 0.00	51.35 1.35 0.00	57.18 0.80 0.00

ATHENS_STG_1 23668	52.82 -0.20 0.00	52.35 0.04 0.00	51.45 0.25 0.00	40.87 0.25 0.00	37.63 0.25 0.00	48.93 0.22 0.00	50.93 -0.02 0.00	53.47 0.00 0.00	51.12 0.07 0.00	58.68 0.12 0.00	56.16 0.72 0.00	60.13 1.44 0.00	60.87 1.67 0.00	65.03 1.90 0.00	85.54 2.51 0.00	76.23 2.00 0.00	65.95 1.94 0.00	51.80 1.51 0.00	51.40 1.21 0.00	48.47 1.02 0.00	48.62 0.87 0.00	51.42 0.64 0.00	50.31 0.31 0.00	56.35 -0.03 0.00
ATHENS_STG_2 23670	52.82 -0.20 0.00	52.35 0.04 0.00	51.45 0.25 0.00	40.87 0.25 0.00	37.63 0.25 0.00	48.93 0.22 0.00	50.93 -0.02 0.00	53.47 0.00 0.00	51.12 0.07 0.00	58.68 0.12 0.00	56.16 0.72 0.00	60.13 1.44 0.00	60.87 1.67 0.00	65.03 1.90 0.00	85.54 2.51 0.00	76.23 2.00 0.00	65.95 1.94 0.00	51.80 1.51 0.00	51.40 1.21 0.00	48.47 1.02 0.00	48.62 0.87 0.00	51.42 0.64 0.00	50.31 0.31 0.00	56.35 -0.03 0.00
ATHENS_STG_3 23677	52.82 -0.20 0.00	52.35 0.04 0.00	51.45 0.25 0.00	40.87 0.25 0.00	37.63 0.25 0.00	48.93 0.22 0.00	50.93 -0.02 0.00	53.47 0.00 0.00	51.12 0.07 0.00	58.68 0.12 0.00	56.16 0.72 0.00	60.13 1.44 0.00	60.87 1.67 0.00	65.03 1.90 0.00	85.54 2.51 0.00	76.23 2.00 0.00	65.95 1.94 0.00	51.80 1.51 0.00	51.40 1.21 0.00	48.47 1.02 0.00	48.62 0.87 0.00	51.42 0.64 0.00	50.31 0.31 0.00	56.35 -0.03 0.00
AUBURN___LFGE 323710	54.06 1.03 0.00	53.02 0.70 0.00	51.77 0.58 0.00	41.04 0.41 0.00	37.81 0.43 0.00	49.26 0.56 0.00	51.60 0.65 0.00	54.34 0.86 0.00	51.93 0.88 0.00	60.41 1.43 -0.41	57.58 2.03 -0.11	61.59 2.41 -0.49	61.13 1.92 0.00	64.86 1.73 0.00	85.25 2.23 0.00	76.29 2.06 0.00	65.70 1.68 0.00	51.69 1.40 0.00	51.99 1.80 0.00	49.45 2.00 0.00	49.71 1.87 -0.10	52.58 1.79 0.00	51.40 1.34 -0.07	58.28 1.14 -0.76
BABYLON_RES_REC 323704	54.36 1.34 0.00	54.17 1.86 0.00	52.86 1.66 0.00	41.95 1.33 0.00	38.52 1.14 0.00	50.07 1.37 0.00	52.45 1.49 0.00	54.72 1.25 0.00	52.12 1.07 0.00	59.56 1.00 0.00	57.19 1.75 0.00	61.36 2.66 0.00	62.33 3.13 0.00	66.47 3.34 0.00	87.52 4.49 0.00	78.12 3.89 0.00	68.18 3.99 -0.17	53.73 3.44 0.00	52.78 2.59 0.00	49.68 2.24 0.00	49.46 1.72 0.00	51.69 0.91 0.00	50.55 0.55 0.00	35.32 -0.10 20.96
BALL_HILL_WT_PWR 323825	55.29 2.27 0.00	53.50 1.19 0.00	51.74 0.54 0.00	40.66 0.03 0.00	37.56 0.18 0.00	49.70 1.00 0.00	52.49 1.53 0.00	55.01 1.53 0.00	52.87 1.82 0.00	61.75 3.19 0.00	59.89 4.49 0.03	63.58 4.88 0.00	62.91 3.71 0.00	66.50 3.37 0.00	87.34 4.31 0.00	78.51 4.28 0.00	66.87 2.85 0.00	52.43 2.14 0.00	53.29 3.10 0.00	50.56 3.11 0.00	50.80 3.43 0.38	44.78 3.57 9.57	52.73 2.74 0.00	59.33 2.95 0.00
BARON_WINDS___WT_PWR 323822	54.25 1.23 0.00	52.97 0.66 0.00	51.59 0.39 0.00	40.73 0.11 0.00	37.46 0.08 0.00	48.60 -0.10 0.00	51.18 0.23 0.00	54.17 0.69 0.00	51.96 0.91 0.00	60.10 1.42 -0.11	57.87 2.39 -0.05	61.44 2.61 -0.13	61.08 1.88 0.00	64.53 1.40 0.00	84.88 1.86 0.00	76.06 1.83 0.00	65.10 1.08 0.00	51.23 0.94 0.00	52.06 1.87 0.00	49.83 2.38 0.00	50.61 2.64 -0.23	58.73 2.84 -5.11	51.88 1.87 -0.02	58.49 1.89 -0.21
BARRETT_IC_1 23704	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_10 23701	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_11 23702	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_12 23703	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_2 23705	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_3 23706	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_4 23707	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_5 23708	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22

BARRETT_IC_6 23709	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_7 23710	54.02 1.00 0.00	53.73 1.42 0.00	52.48 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.21 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.56 0.00	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.07 4.05 0.00	53.65 3.36 0.00	52.76 2.57 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.46 -0.01	51.13 1.13 0.00	58.97 0.37 -2.22
BARRETT_IC_8 23711	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT_IC_9 23700	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT___1 23545	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BARRETT___2 23546	54.03 1.00 0.00	53.73 1.42 0.00	52.47 1.28 0.00	41.66 1.04 0.00	38.28 0.91 0.00	49.75 1.05 0.00	51.96 1.00 0.00	54.39 0.91 0.00	52.09 1.04 0.00	59.78 1.22 0.00	57.63 2.20 0.00	61.90 3.20 0.00	62.77 3.57 -0.01	66.84 3.70 0.00	87.95 4.92 0.00	78.48 4.25 0.00	68.02 4.00 0.00	53.65 3.36 0.00	52.77 2.58 0.00	49.80 2.35 0.00	49.67 1.93 0.00	52.25 1.45 -0.01	51.13 1.13 -0.01	58.90 0.29 -2.22
BATAVIA__115KV_TB1 55881	56.95 3.93 0.00	55.27 2.96 0.00	53.53 2.33 0.00	42.15 1.52 0.00	38.87 1.49 0.00	51.16 2.46 0.00	54.09 3.14 0.00	56.73 3.25 0.00	54.45 3.40 0.00	63.35 4.79 0.00	60.93 5.50 0.00	64.77 6.07 0.00	64.34 5.13 0.00	68.08 4.94 0.00	88.88 5.86 0.00	79.69 5.46 0.00	67.77 3.75 0.00	53.30 3.01 0.00	54.08 3.89 0.00	51.45 4.00 0.00	52.38 4.64 0.00	55.58 4.79 0.00	54.11 4.11 0.00	60.69 4.30 0.00
BAYONEEC___CTG1 323682	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG10 323750	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG2 323683	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG3 323684	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG4 323685	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG5 323686	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG6 323687	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG7 323688	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00

BAYONEEC___CTG8 323689	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BAYONEEC___CTG9 323749	53.55 0.53 0.00	53.21 0.90 0.00	52.26 1.07 0.00	41.59 0.97 0.00	38.24 0.86 0.00	49.55 0.85 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.32 1.27 0.00	60.16 1.59 0.00	57.98 2.55 0.00	62.33 3.63 0.00	63.03 3.83 0.00	67.40 4.26 0.00	88.76 5.74 0.00	79.39 5.16 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.11 2.92 0.00	50.09 2.64 0.00	50.11 2.37 0.00	52.58 1.79 0.00	51.45 1.45 0.00	57.31 0.93 0.00
BEACON___LESR 323632	52.71 -0.32 0.00	52.19 -0.12 0.00	51.32 0.12 0.00	40.65 0.02 0.00	37.53 0.15 0.00	48.93 0.23 0.00	50.88 -0.08 0.00	53.52 0.04 0.00	51.12 0.07 0.00	58.57 0.00 0.00	55.59 0.16 0.00	59.50 0.80 0.00	60.40 1.20 0.00	64.83 1.69 0.00	85.52 2.49 0.00	75.97 1.74 0.00	65.67 1.65 0.00	51.77 1.48 0.00	51.50 1.31 0.00	48.44 0.99 0.00	48.58 0.84 0.00	51.51 0.73 0.00	50.26 0.26 0.00	56.21 -0.17 0.00
BEAVER RIVER___HYD 24048	56.83 3.81 0.00	55.71 3.40 0.00	54.40 3.20 0.00	43.12 2.50 0.00	39.27 1.89 0.00	51.42 2.72 0.00	54.11 3.16 0.00	56.62 3.14 0.00	53.12 2.07 0.00	62.58 3.79 -0.22	59.22 3.72 -0.06	62.50 3.53 -0.26	61.97 2.77 0.00	65.25 2.12 0.00	85.06 2.03 0.00	76.37 2.14 0.00	66.07 2.05 0.00	52.08 1.78 0.00	52.43 2.24 0.00	50.49 3.04 0.00	51.19 3.39 -0.05	54.06 3.28 0.00	52.78 2.75 -0.04	59.91 3.12 -0.41
BEEBEE_GT_13 23619	55.17 2.15 0.00	53.77 1.46 0.00	52.23 1.03 0.00	41.26 0.64 0.00	38.02 0.64 0.00	49.88 1.18 0.00	52.62 1.67 0.00	55.19 1.71 0.00	52.95 1.90 0.00	61.48 2.92 0.00	59.17 3.73 0.00	62.90 4.20 0.00	62.80 3.59 0.00	66.64 3.51 0.00	87.60 4.57 0.00	78.63 4.40 0.00	67.00 2.98 0.00	52.52 2.23 0.00	53.10 2.91 0.00	50.27 2.82 0.00	50.86 3.11 0.00	54.00 3.22 0.00	52.59 2.60 0.00	58.90 2.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.06 1.04 0.00	53.71 1.40 0.00	52.74 1.54 0.00	42.02 1.40 0.00	38.57 1.19 0.00	49.86 1.16 0.00	52.16 1.21 0.00	54.75 1.27 0.00	52.77 1.73 0.00	60.41 1.84 0.00	58.20 2.76 0.00	62.62 3.93 0.00	63.31 4.10 0.00	67.87 4.74 0.00	89.30 6.27 0.00	80.06 5.83 0.00	69.43 5.41 0.00	54.36 4.06 0.00	53.61 3.42 0.00	50.76 3.31 -0.01	50.64 2.90 0.00	53.04 2.26 0.00	51.97 1.98 0.00	57.74 1.36 0.00
BETHLEHEM___GRP 23843	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.60 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.47 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.70 0.41 0.00	50.39 0.20 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.42 -0.96 0.00
BETHLEHEM___GS1 323560	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.59 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.46 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.69 0.40 0.00	50.40 0.21 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.41 -0.97 0.00
BETHLEHEM___GS2 323561	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.59 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.46 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.69 0.40 0.00	50.40 0.21 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.41 -0.97 0.00
BETHLEHEM___GS3 323562	52.04 -0.99 0.00	51.51 -0.80 0.00	50.63 -0.57 0.00	40.21 -0.41 0.00	37.02 -0.36 0.00	48.15 -0.55 0.00	50.17 -0.78 0.00	52.66 -0.82 0.00	50.33 -0.72 0.00	57.59 -0.97 0.00	54.92 -0.51 0.00	58.74 0.04 0.00	59.52 0.31 0.00	63.60 0.46 0.00	83.65 0.63 0.00	74.44 0.21 0.00	64.37 0.35 0.00	50.69 0.40 0.00	50.40 0.21 0.00	47.50 0.05 0.00	47.74 0.00 0.00	50.54 -0.24 0.00	49.45 -0.55 0.00	55.41 -0.97 0.00
BETHLEHEM___STEEL 23779	55.51 2.49 0.00	53.86 1.55 0.00	52.15 0.95 0.00	41.06 0.44 0.00	37.86 0.48 0.00	49.79 1.10 0.00	52.69 1.74 0.00	55.25 1.77 0.00	53.09 2.05 0.00	61.99 3.43 0.00	60.11 4.68 0.00	63.75 5.05 0.00	63.12 3.92 0.00	66.73 3.59 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.97 2.94 0.00	52.42 2.13 0.00	53.24 3.05 0.00	50.45 3.00 0.00	51.20 3.46 0.00	54.42 3.64 0.00	52.92 2.92 0.00	59.50 3.11 0.00
BETHLHEM_115KV_TB1 79974	52.20 -0.83 0.00	51.66 -0.65 0.00	50.77 -0.42 0.00	40.32 -0.30 0.00	37.13 -0.25 0.00	48.29 -0.41 0.00	50.32 -0.63 0.00	52.82 -0.66 0.00	50.47 -0.58 0.00	57.77 -0.80 0.00	55.10 -0.34 0.00	58.91 0.21 0.00	59.70 0.49 0.00	63.77 0.64 0.00	83.89 0.86 0.00	74.65 0.43 0.00	64.55 0.52 0.00	50.82 0.53 0.00	50.51 0.32 0.00	47.62 0.17 0.00	47.86 0.11 0.00	50.67 -0.11 0.00	49.59 -0.40 0.00	55.58 -0.80 0.00
BETHPAGE_CC_5 323564	53.90 0.87 0.00	53.65 1.34 0.00	52.37 1.18 0.00	41.58 0.95 0.00	38.18 0.80 0.00	49.62 0.92 0.00	51.94 0.99 0.00	54.47 0.99 0.00	52.12 1.07 0.00	59.78 1.22 0.00	57.61 2.18 0.00	61.85 3.15 0.00	62.83 3.63 0.00	67.05 3.91 0.00	88.27 5.24 0.00	78.79 4.56 0.00	68.47 4.45 0.00	54.01 3.72 0.00	53.08 2.89 0.00	49.96 2.52 0.00	49.74 2.00 0.00	52.09 1.31 0.00	50.87 0.88 0.00	37.35 0.07 19.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	55.61 2.59 0.00	53.94 1.63 0.00	52.24 1.04 0.00	41.11 0.49 0.00	37.90 0.52 0.00	49.82 1.12 0.00	52.78 1.82 0.00	55.35 1.87 0.00	53.18 2.13 0.00	62.10 3.54 0.00	60.24 4.80 0.00	63.87 5.18 0.00	63.29 4.09 0.00	66.91 3.77 0.00	87.94 4.91 0.00	79.07 4.84 0.00	67.20 3.18 0.00	52.64 2.35 0.00	53.46 3.27 0.00	50.64 3.20 0.00	51.38 3.64 0.00	54.56 3.78 0.00	53.02 3.02 0.00	59.59 3.21 0.00
BINGHAMTON___COGEN 23790	53.45 0.43 0.00	52.59 0.27 0.00	51.49 0.29 0.00	40.81 0.19 0.00	37.61 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.62 0.57 0.00	59.67 0.90 -0.19	57.10 1.62 -0.06	60.99 2.06 -0.23	61.00 1.80 0.00	64.88 1.75 0.00	85.40 2.37 0.00	76.38 2.15 0.00	65.81 1.79 0.00	51.82 1.53 0.00	51.99 1.80 0.00	49.22 1.77 0.00	49.46 1.67 -0.05	52.44 1.65 0.00	51.00 0.97 -0.03	57.65 0.90 -0.36

BIXINCNT_115KV_LOAD 355685	55.45 2.43 0.00	53.70 1.39 0.00	52.00 0.80 0.00	40.86 0.23 0.00	37.59 0.21 0.00	48.93 0.23 0.00	52.77 1.82 0.00	55.31 1.84 0.00	52.89 1.84 0.00	62.11 3.54 0.00	59.92 4.49 0.00	63.45 4.75 0.00	62.97 3.77 0.00	66.71 3.58 0.00	87.39 4.37 0.00	78.57 4.34 0.00	67.05 3.03 0.00	52.68 2.39 0.00	53.62 3.43 0.00	50.89 3.44 0.00	51.59 3.85 0.00	54.76 3.97 0.00	52.95 2.95 0.00	59.51 3.12 0.00
BLACK RIVER___HYD 24047	57.86 4.84 0.00	56.49 4.18 0.00	55.15 3.95 0.00	43.72 3.10 0.00	39.73 2.35 0.00	52.14 3.44 0.00	55.02 4.07 0.00	57.60 4.12 0.00	54.11 3.06 0.00	64.17 5.23 -0.38	60.67 5.12 -0.11	64.31 5.16 -0.45	63.35 4.14 0.00	66.70 3.57 0.00	86.69 3.66 0.00	77.87 3.64 0.00	67.45 3.42 0.00	53.08 2.79 0.00	53.53 3.35 0.00	52.02 4.57 0.00	52.82 4.99 -0.09	55.54 4.76 0.00	53.97 3.91 -0.06	61.22 4.15 -0.69
BLACKRVR_115KV_TB2 79977	57.87 4.84 0.00	56.49 4.18 0.00	55.14 3.95 0.00	43.72 3.10 0.00	39.73 2.35 0.00	52.14 3.44 0.00	55.02 4.06 0.00	57.60 4.12 0.00	54.11 3.06 0.00	64.17 5.23 -0.38	60.67 5.13 -0.11	64.31 5.17 -0.45	63.35 4.15 0.00	66.70 3.57 0.00	86.69 3.66 0.00	77.87 3.64 0.00	67.45 3.43 0.00	53.08 2.79 0.00	53.53 3.35 0.00	52.01 4.56 0.00	52.82 4.99 -0.09	55.54 4.76 0.00	53.97 3.91 -0.06	61.22 4.15 -0.69
BLDWN_LI_69_KV_BK4 356085	54.51 1.48 0.00	54.16 1.85 0.00	52.84 1.64 0.00	41.94 1.32 0.00	38.52 1.14 0.00	50.06 1.37 0.00	52.36 1.40 0.00	54.91 1.43 0.00	52.62 1.57 0.00	60.42 1.85 0.00	58.10 2.66 0.00	62.46 3.76 0.00	63.41 4.21 0.00	67.63 4.50 0.00	89.04 6.01 0.00	79.35 5.12 0.00	68.93 4.91 0.00	54.46 4.17 0.00	53.52 3.33 0.00	50.44 2.99 0.00	50.26 2.51 0.00	52.85 2.06 0.00	51.63 1.63 0.00	46.65 0.93 10.67
BLISS_WT_PWR 323608	55.43 2.41 0.00	53.68 1.37 0.00	51.93 0.73 0.00	40.76 0.14 0.00	37.49 0.11 0.00	48.67 -0.03 0.00	52.75 1.80 0.00	55.27 1.79 0.00	52.79 1.74 0.00	62.12 3.56 0.00	59.85 4.45 0.04	63.40 4.70 0.00	62.92 3.72 0.00	66.67 3.54 0.00	87.28 4.26 0.00	78.50 4.27 0.00	66.99 2.97 0.00	52.62 2.33 0.00	53.62 3.43 0.00	50.86 3.41 0.00	51.14 3.83 0.44	43.60 3.95 11.12	52.94 2.95 0.00	59.49 3.11 0.00
BLUESTONE___WT_PWR 323821	55.29 2.27 0.00	54.61 2.29 0.00	53.29 2.09 0.00	42.39 1.77 0.00	39.11 1.74 0.00	51.14 2.45 0.00	53.40 2.45 0.00	55.68 2.20 0.00	53.71 2.66 0.00	62.06 3.32 -0.17	59.43 3.94 -0.05	63.67 4.77 -0.20	63.25 4.04 0.00	67.57 4.43 0.00	89.10 6.07 0.00	79.89 5.66 0.00	68.92 4.90 0.00	54.64 4.35 0.00	54.88 4.69 0.00	51.96 4.51 0.00	52.30 4.42 -0.13	57.44 4.42 -2.23	53.59 3.56 -0.03	60.33 3.63 -0.31
BLUE_CIRC_CHEM_DRP 24182	51.78 -1.24 0.00	51.27 -1.05 0.00	50.41 -0.78 0.00	40.01 -0.61 0.00	36.86 -0.52 0.00	47.93 -0.77 0.00	49.91 -1.04 0.00	52.29 -1.19 0.00	49.83 -1.21 0.00	56.96 -1.61 0.00	54.23 -1.21 0.00	57.91 -0.79 0.00	58.71 -0.49 0.00	62.81 -0.32 0.00	82.67 -0.36 0.00	73.58 -0.65 0.00	63.52 -0.50 0.00	50.07 -0.23 0.00	49.83 -0.36 0.00	47.04 -0.41 0.00	47.30 -0.44 0.00	50.13 -0.66 0.00	49.10 -0.90 0.00	55.09 -1.30 0.00
BOC_GAS_DRP 24189	52.51 -0.51 0.00	51.99 -0.33 0.00	51.09 -0.11 0.00	40.57 -0.05 0.00	37.36 -0.03 0.00	48.58 -0.12 0.00	50.61 -0.34 0.00	53.11 -0.36 0.00	50.74 -0.31 0.00	58.15 -0.42 0.00	55.47 0.03 0.00	59.27 0.57 0.00	59.98 0.78 0.00	64.07 0.93 0.00	84.24 1.22 0.00	75.05 0.82 0.00	64.89 0.87 0.00	51.03 0.73 0.00	50.72 0.53 0.00	47.85 0.40 0.00	48.06 0.32 0.00	50.93 0.15 0.00	49.86 -0.14 0.00	55.94 -0.44 0.00
BOONVILLE_115KV_TB1 79983	55.59 2.56 0.00	54.63 2.31 0.00	53.43 2.23 0.00	42.32 1.70 0.00	38.76 1.38 0.00	50.60 1.90 0.00	53.15 2.20 0.00	55.73 2.25 0.00	52.73 1.69 0.00	61.39 2.71 -0.11	58.36 2.89 -0.03	61.90 3.07 -0.13	61.88 2.68 0.00	65.50 2.37 0.00	85.81 2.78 0.00	76.87 2.64 0.00	66.47 2.44 0.00	52.38 2.09 0.00	52.58 2.39 0.00	50.15 2.70 0.00	50.55 2.78 -0.03	53.53 2.75 0.00	52.30 2.29 -0.02	58.99 2.41 -0.20
BORALEX_4TH_BRANCH 23824	54.17 1.15 0.00	53.60 1.29 0.00	52.54 1.35 0.00	41.54 0.92 0.00	38.36 0.99 0.00	49.95 1.24 0.00	52.13 1.18 0.00	54.80 1.32 0.00	52.36 1.31 0.00	59.58 1.01 0.00	56.77 1.33 0.00	60.75 2.06 0.00	61.62 2.42 0.00	65.94 2.80 0.00	87.15 4.12 0.00	77.26 3.03 0.00	66.92 2.91 0.00	52.69 2.39 0.00	52.35 2.16 0.00	49.30 1.85 0.00	49.68 1.94 0.00	52.65 1.87 0.00	51.40 1.41 0.00	57.73 1.35 0.00
BOWLINE___1 23526	53.30 0.28 0.00	52.78 0.47 0.00	51.76 0.56 0.00	41.12 0.50 0.00	37.81 0.43 0.00	49.06 0.36 0.00	51.31 0.36 0.00	53.93 0.45 0.00	51.75 0.70 0.00	59.49 0.92 0.00	57.28 1.85 0.00	61.62 2.93 0.00	62.38 3.18 0.00	66.79 3.66 0.00	87.93 4.90 0.00	78.69 4.46 0.00	68.13 4.11 0.00	53.41 3.11 0.00	52.75 2.56 0.00	49.74 2.29 0.00	49.72 1.97 0.00	52.21 1.43 0.00	50.97 0.97 0.00	56.95 0.56 0.00
BOWLINE___2 23595	53.37 0.34 0.00	52.86 0.55 0.00	51.84 0.64 0.00	41.18 0.56 0.00	37.86 0.48 0.00	49.14 0.44 0.00	51.38 0.43 0.00	54.01 0.53 0.00	51.82 0.77 0.00	59.59 1.03 0.00	57.36 1.92 0.00	61.70 3.00 0.00	62.47 3.27 0.00	66.88 3.74 0.00	88.05 5.03 0.00	78.79 4.56 0.00	68.21 4.19 0.00	53.47 3.18 0.00	52.84 2.65 0.00	49.80 2.36 0.00	49.78 2.04 0.00	52.30 1.51 0.00	51.05 1.06 0.00	57.02 0.63 0.00
BRADY___115KV_TB2 356060	55.65 2.62 -0.01	54.86 2.55 0.00	53.49 2.29 0.00	42.42 1.79 0.00	38.97 1.58 0.00	50.94 2.24 0.00	53.40 2.44 0.00	55.65 2.18 0.00	52.99 1.95 0.00	61.04 2.47 0.00	56.39 0.95 0.00	58.31 -0.39 0.00	58.56 -0.64 0.00	62.27 -0.86 0.00	81.26 -1.77 0.00	73.00 -1.23 0.00	62.94 -1.08 0.00	49.75 -0.54 0.00	49.55 -0.64 0.00	47.37 -0.08 0.00	47.97 0.23 0.00	51.27 0.48 0.00	51.28 1.29 0.00	58.41 2.03 0.00
BRANSCOMB___SOLAR 323811	54.60 1.58 0.00	53.92 1.60 0.00	52.88 1.68 0.00	41.86 1.24 0.00	38.67 1.30 0.00	50.43 1.73 0.00	52.74 1.78 0.00	55.40 1.92 0.00	52.74 1.69 0.00	60.08 1.51 0.00	57.02 1.59 0.00	61.03 2.33 0.00	61.92 2.72 0.00	66.43 3.29 0.00	87.66 4.64 0.00	77.97 3.74 0.00	67.51 3.49 0.00	53.08 2.79 0.00	53.09 2.90 0.00	50.10 2.66 0.00	50.41 2.67 0.00	53.34 2.56 0.00	52.06 2.06 0.00	58.32 1.93 0.00
BRDGHMPT_69_KV_BK1 55812	56.01 2.99 0.00	55.62 3.31 0.00	54.51 3.31 0.00	43.22 2.60 0.00	39.71 2.33 0.00	51.72 3.02 0.00	54.22 3.27 0.00	56.69 3.21 0.00	54.24 3.19 0.00	61.86 3.29 0.00	59.46 4.03 0.00	63.63 4.94 0.00	64.77 5.57 0.00	68.96 5.82 0.00	90.42 7.40 0.00	80.76 6.54 0.00	73.65 6.49 -3.14	55.74 5.44 0.00	54.63 4.43 0.00	51.18 3.73 0.00	51.40 3.66 0.00	53.60 2.82 0.00	52.25 2.25 0.00	34.51 1.98 23.85

BRENTWOD_69_KV_W. BRTWOOD 56703	54.64 1.62 0.00	54.58 2.27 0.00	53.22 2.02 0.00	42.23 1.61 0.00	38.78 1.40 0.00	50.42 1.72 0.00	52.85 1.90 0.00	55.37 1.89 0.00	52.86 1.81 0.00	60.44 1.87 0.00	58.30 2.86 0.00	62.45 3.75 0.00	63.46 4.26 0.00	67.44 4.31 0.00	88.77 5.74 0.00	78.83 4.60 0.00	69.17 4.59 -0.55	54.50 4.21 0.00	53.54 3.35 0.00	50.45 3.00 0.00	50.23 2.48 0.00	52.42 1.64 0.00	51.43 1.43 0.00	33.63 0.63 23.38
BRISTLHL_115KV_TB1 79998	52.42 -0.60 0.00	51.50 -0.81 0.00	50.33 -0.87 0.00	39.91 -0.71 0.00	36.74 -0.64 0.00	47.85 -0.85 0.00	50.25 -0.70 0.00	52.74 -0.74 0.00	50.41 -0.64 0.00	59.00 -0.46 -0.89	55.73 0.05 -0.25	59.98 0.22 -1.06	59.27 0.07 0.00	63.02 -0.11 0.00	83.01 -0.02 0.00	74.28 0.04 0.00	63.93 -0.09 0.00	50.21 -0.08 0.00	50.32 0.13 0.00	47.65 0.20 0.00	48.17 0.22 -0.21	50.88 0.09 0.00	49.89 -0.26 -0.15	57.41 -0.62 -1.64
BROOKHAVEN___DRP 24191	54.51 1.49 0.00	54.36 2.04 0.00	53.06 1.86 0.00	42.10 1.48 0.00	38.64 1.26 0.00	50.28 1.58 0.00	52.69 1.73 0.00	55.10 1.62 0.00	52.67 1.62 0.00	60.17 1.60 0.00	58.03 2.59 0.00	62.09 3.39 0.00	63.17 3.97 0.00	67.27 4.13 0.00	88.50 5.48 0.00	78.83 4.60 0.00	71.94 4.83 -3.09	54.51 4.21 0.00	53.52 3.32 0.00	50.33 2.89 0.00	50.24 2.50 0.00	52.44 1.65 0.00	51.31 1.31 0.00	33.06 0.54 23.86
BROOKLYN_NAVY_YARD 23515	53.61 0.59 0.00	53.27 0.96 0.00	52.31 1.12 0.00	41.63 1.01 0.00	38.27 0.89 0.00	49.58 0.88 0.00	51.82 0.87 0.00	54.47 0.99 0.00	52.40 1.36 0.00	60.27 1.70 0.00	58.06 2.62 0.00	62.40 3.70 0.00	63.10 3.90 0.00	67.47 4.34 0.00	88.87 5.85 0.00	79.47 5.24 0.00	68.78 4.76 0.00	53.88 3.59 0.00	53.19 3.00 0.00	50.16 2.71 0.00	50.20 2.46 0.00	52.69 1.91 0.00	51.58 1.58 0.00	57.43 1.04 0.00
BROOKLYN___ARMY_DRP 323595	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
BROOME_2_LFGE 323671	53.45 0.43 0.00	52.59 0.28 0.00	51.49 0.29 0.00	40.81 0.19 0.00	37.62 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.62 0.57 0.00	59.67 0.90 -0.19	57.12 1.62 -0.06	61.00 2.07 -0.23	61.00 1.80 0.00	64.88 1.75 0.00	85.39 2.37 0.00	76.38 2.15 0.00	65.81 1.79 0.00	51.83 1.54 0.00	51.99 1.80 0.00	49.22 1.77 0.00	49.56 1.67 -0.15	55.11 1.65 -2.68	51.00 0.97 -0.03	57.65 0.90 -0.36
BROOME___LFGE 323600	53.45 0.43 0.00	52.59 0.28 0.00	51.49 0.29 0.00	40.81 0.19 0.00	37.62 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.62 0.57 0.00	59.67 0.90 -0.19	57.12 1.62 -0.06	61.00 2.07 -0.23	61.00 1.80 0.00	64.88 1.75 0.00	85.39 2.37 0.00	76.38 2.15 0.00	65.81 1.79 0.00	51.83 1.54 0.00	51.99 1.80 0.00	49.22 1.77 0.00	49.56 1.67 -0.15	55.11 1.65 -2.68	51.00 0.97 -0.03	57.65 0.90 -0.36
BROWNFLS_115KV_TB_3_5 80003	55.99 2.96 0.00	55.08 2.77 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.61 1.57 0.00	61.42 2.70 -0.15	57.52 2.05 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.41 0.28 0.00	82.64 -0.39 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.54 0.25 0.00	50.74 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
BROWNSV1_27_KV_LOAD 356125	54.34 1.32 0.00	53.93 1.62 0.00	52.93 1.74 0.00	42.11 1.49 0.00	38.71 1.33 0.00	50.18 1.48 0.00	52.46 1.51 0.00	55.19 1.71 0.00	53.09 2.04 0.00	61.09 2.52 0.00	58.93 3.49 0.00	63.33 4.63 0.00	64.04 4.84 0.00	68.48 5.35 0.00	90.21 7.18 0.00	80.72 6.49 0.00	69.85 5.83 0.00	54.68 4.39 0.00	53.95 3.77 0.00	50.84 3.39 0.00	50.87 3.13 0.00	53.41 2.63 0.00	52.24 2.24 0.00	58.17 1.79 0.00
BURROWS___LYONSDAL 23803	55.87 2.84 0.00	54.87 2.56 0.00	53.64 2.45 0.00	42.50 1.87 0.00	38.86 1.48 0.00	50.76 2.06 0.00	53.35 2.40 0.00	55.93 2.45 0.00	52.73 1.69 0.00	61.61 2.92 -0.13	58.57 3.10 -0.04	62.04 3.18 -0.16	61.90 2.70 0.00	65.43 2.30 0.00	85.62 2.59 0.00	76.72 2.50 0.00	66.36 2.34 0.00	52.32 2.03 0.00	52.57 2.37 0.00	50.24 2.79 0.00	50.71 2.93 -0.03	53.65 2.87 0.00	52.38 2.37 -0.02	59.17 2.55 -0.24
CAITHNESS_CC_1 323624	54.42 1.40 0.00	54.30 1.98 0.00	53.00 1.80 0.00	42.04 1.42 0.00	38.60 1.22 0.00	50.21 1.51 0.00	52.62 1.67 0.00	55.05 1.57 0.00	52.59 1.54 0.00	60.10 1.53 0.00	57.96 2.52 0.00	62.04 3.34 0.00	63.09 3.89 0.00	67.17 4.04 0.00	88.35 5.33 0.00	78.73 4.50 0.00	71.67 4.61 -3.03	54.38 4.08 0.00	53.39 3.20 0.00	50.24 2.79 0.00	50.11 2.37 0.00	52.30 1.52 0.00	51.18 1.19 0.00	32.86 0.35 23.87
CALPINE BETH_PAGE_GT4 24209	53.83 0.81 0.00	53.59 1.28 0.00	52.31 1.11 0.00	41.52 0.90 0.00	38.14 0.76 0.00	49.57 0.87 0.00	51.88 0.93 0.00	54.40 0.92 0.00	52.09 1.04 0.00	59.75 1.19 0.00	57.59 2.16 0.00	61.84 3.14 0.00	62.82 3.62 0.00	67.04 3.91 0.00	88.27 5.25 0.00	78.79 4.56 0.00	68.51 4.48 0.00	54.00 3.71 0.00	53.06 2.87 0.00	49.95 2.50 0.00	49.73 1.99 0.00	52.09 1.31 0.00	50.88 0.88 0.00	39.51 0.12 16.99
CALPINE_BETH_PAGE_GT_4 323586	53.83 0.81 0.00	53.59 1.28 0.00	52.31 1.11 0.00	41.52 0.90 0.00	38.14 0.76 0.00	49.57 0.87 0.00	51.88 0.93 0.00	54.40 0.92 0.00	52.08 1.03 0.00	59.75 1.18 0.00	57.58 2.15 0.00	61.84 3.14 0.00	62.82 3.62 0.00	67.05 3.91 0.00	88.27 5.25 0.00	78.79 4.56 0.00	68.44 4.42 0.00	54.00 3.71 0.00	53.06 2.87 0.00	49.96 2.51 0.00	49.73 1.99 0.00	52.08 1.30 0.00	50.87 0.88 0.00	39.46 0.07 16.99
CALPINE_BP_GT1 23823	53.83 0.81 0.00	53.59 1.28 0.00	52.31 1.11 0.00	41.52 0.90 0.00	38.14 0.76 0.00	49.57 0.87 0.00	51.88 0.93 0.00	54.40 0.92 0.00	52.08 1.03 0.00	59.75 1.18 0.00	57.58 2.15 0.00	61.84 3.14 0.00	62.82 3.62 0.00	67.05 3.91 0.00	88.27 5.25 0.00	78.79 4.56 0.00	68.44 4.42 0.00	54.00 3.71 0.00	53.06 2.87 0.00	49.96 2.51 0.00	49.73 1.99 0.00	52.08 1.30 0.00	50.87 0.88 0.00	39.46 0.07 16.99
CALSPAN___DRP 24200	55.51 2.49 0.00	53.86 1.55 0.00	52.15 0.95 0.00	41.06 0.44 0.00	37.86 0.48 0.00	49.79 1.10 0.00	52.69 1.74 0.00	55.25 1.77 0.00	53.09 2.05 0.00	61.99 3.43 0.00	60.11 4.68 0.00	63.75 5.05 0.00	63.12 3.92 0.00	66.73 3.59 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.97 2.94 0.00	52.42 2.13 0.00	53.24 3.05 0.00	50.45 3.00 0.00	51.20 3.46 0.00	54.42 3.64 0.00	52.92 2.92 0.00	59.50 3.11 0.00

CALVERTON___SOLAR 323806	54.67 1.65 0.00	54.50 2.18 0.00	53.20 2.00 0.00	42.20 1.58 0.00	38.74 1.36 0.00	50.42 1.72 0.00	52.84 1.89 0.00	55.25 1.77 0.00	52.81 1.77 0.00	60.31 1.74 0.00	58.13 2.70 0.00	62.23 3.53 0.00	63.34 4.14 0.00	67.46 4.32 0.00	88.73 5.70 0.00	79.06 4.83 0.00	72.12 4.99 -3.11	54.71 4.41 0.00	53.71 3.52 0.00	50.48 3.03 0.00	50.43 2.69 0.00	52.62 1.84 0.00	51.44 1.44 0.00	33.16 0.63 23.86
CANDIGU_WT_PWR 323617	54.25 1.23 0.00	52.97 0.66 0.00	51.59 0.39 0.00	40.73 0.11 0.00	37.46 0.08 0.00	48.60 -0.10 0.00	51.18 0.23 0.00	54.17 0.69 0.00	51.96 0.91 0.00	60.10 1.42 -0.11	57.87 2.39 -0.05	61.44 2.61 -0.13	61.08 1.88 0.00	64.53 1.40 0.00	84.88 1.86 0.00	76.06 1.83 0.00	65.10 1.08 0.00	51.23 0.94 0.00	52.06 1.87 0.00	49.83 2.38 0.00	50.61 2.64 -0.23	58.73 2.84 -5.11	51.88 1.87 -0.02	58.49 1.89 -0.21
CARR STREET_E_SYR 24060	52.65 -0.38 0.00	51.73 -0.59 0.00	50.53 -0.67 0.00	40.06 -0.56 0.00	36.88 -0.50 0.00	48.05 -0.65 0.00	50.44 -0.51 0.00	52.98 -0.50 0.00	50.75 -0.30 0.00	58.81 -0.03 -0.27	56.08 0.57 -0.07	59.82 0.81 -0.32	59.79 0.59 0.00	63.68 0.55 0.00	83.78 0.76 0.00	74.97 0.74 0.00	64.51 0.50 0.00	50.68 0.39 0.00	50.76 0.57 0.00	48.06 0.61 0.00	48.40 0.59 -0.06	51.27 0.49 0.00	50.10 0.05 -0.04	56.67 -0.21 -0.50
CARTHAGE___PAPER 23857	57.67 4.64 0.00	56.43 4.12 0.00	55.10 3.90 0.00	43.67 3.05 0.00	39.73 2.36 0.00	52.09 3.39 0.00	54.90 3.94 0.00	57.44 3.96 0.00	53.87 2.82 0.00	63.73 4.84 -0.32	60.14 4.62 -0.09	63.60 4.53 -0.37	62.81 3.61 0.00	66.03 2.89 0.00	85.86 2.83 0.00	77.26 3.03 0.00	66.90 2.88 0.00	52.72 2.42 0.00	53.13 2.95 0.00	51.42 3.97 0.00	52.21 4.39 -0.08	55.03 4.24 0.00	53.64 3.59 -0.05	60.92 3.95 -0.59
CASSADAGA_WT_PWR 323784	56.20 3.18 0.00	53.74 1.43 0.00	51.36 0.16 0.00	40.17 -0.45 0.00	37.46 0.08 0.00	50.56 1.86 0.00	53.16 2.21 0.00	55.65 2.17 0.00	53.60 2.55 0.00	62.96 4.39 0.00	61.24 5.84 0.04	65.01 6.31 0.00	63.80 4.60 0.00	67.42 4.29 0.00	88.51 5.48 0.00	79.62 5.39 0.00	67.93 3.92 0.00	53.41 3.12 0.00	54.40 4.21 0.00	51.70 4.25 0.00	51.75 4.42 0.41	44.70 4.44 10.53	53.69 3.70 0.00	60.40 4.02 0.00
CE_DUNWOOD___DRP 24194	53.65 0.63 0.00	53.22 0.91 0.00	52.21 1.02 0.00	41.49 0.86 0.00	38.16 0.77 0.00	49.49 0.79 0.00	51.75 0.80 0.00	54.41 0.93 0.00	52.24 1.19 0.00	60.04 1.48 0.00	57.81 2.38 0.00	62.14 3.44 0.00	62.91 3.71 0.00	67.29 4.16 0.00	88.63 5.60 0.00	79.25 5.02 0.00	68.62 4.60 0.00	53.79 3.50 0.00	53.10 2.92 0.00	50.06 2.61 0.00	50.05 2.31 0.00	52.58 1.80 0.00	51.37 1.38 0.00	57.32 0.94 0.00
CE_MILLWOOD___DRP 24193	53.57 0.55 0.00	53.12 0.80 0.00	52.11 0.91 0.00	41.40 0.78 0.00	38.07 0.69 0.00	49.39 0.69 0.00	51.63 0.68 0.00	54.30 0.82 0.00	52.12 1.07 0.00	59.89 1.33 0.00	57.66 2.22 0.00	61.97 3.27 0.00	62.75 3.55 0.00	67.14 4.01 0.00	88.42 5.39 0.00	79.07 4.84 0.00	68.45 4.43 0.00	53.66 3.37 0.00	53.00 2.81 0.00	49.95 2.50 0.00	49.95 2.21 0.00	52.48 1.70 0.00	51.27 1.27 0.00	57.22 0.84 0.00
CE_NYC2_DRP 24202	53.42 0.40 0.00	53.16 0.85 0.00	52.23 1.03 0.00	41.60 0.97 0.00	38.21 0.83 0.00	49.40 0.70 0.00	51.69 0.74 0.00	54.31 0.83 0.00	52.33 1.29 0.00	59.93 1.36 0.00	57.70 2.27 0.00	62.00 3.30 0.00	62.60 3.39 0.00	67.00 3.86 0.00	88.18 5.15 0.00	78.92 4.69 0.00	68.41 4.39 0.00	53.60 3.31 0.00	52.83 2.64 0.00	49.98 2.53 0.00	49.94 2.19 0.00	52.37 1.59 0.00	51.34 1.34 0.00	57.06 0.68 0.00
CE_NYC_DRP 24195	53.71 0.68 0.00	53.34 1.03 0.00	52.38 1.18 0.00	41.67 1.05 0.00	38.30 0.93 0.00	49.65 0.95 0.00	51.91 0.96 0.00	54.59 1.11 0.00	52.51 1.46 0.00	60.40 1.83 0.00	58.22 2.78 0.00	62.57 3.87 0.00	63.28 4.07 0.00	67.67 4.53 0.00	89.11 6.08 0.00	79.71 5.48 0.00	68.99 4.97 0.00	54.03 3.74 0.00	53.30 3.11 0.00	50.23 2.78 0.00	50.26 2.51 0.00	52.75 1.96 0.00	51.60 1.60 0.00	57.48 1.10 0.00
CHAFFEE___LFGE 323603	55.56 2.54 0.00	53.89 1.58 0.00	52.20 1.01 0.00	41.10 0.48 0.00	37.90 0.52 0.00	49.80 1.11 0.00	52.71 1.76 0.00	55.31 1.83 0.00	53.17 2.12 0.00	62.07 3.50 0.00	60.20 4.80 0.03	63.85 5.16 0.00	63.33 4.13 0.00	66.97 3.84 0.00	88.03 5.00 0.00	79.15 4.92 0.00	67.32 3.30 0.00	52.72 2.43 0.00	53.55 3.36 0.00	50.73 3.29 0.00	51.06 3.71 0.39	44.60 3.83 10.02	53.03 3.03 0.00	59.58 3.20 0.00
CHATEAUG_35_KV_LOAD 355732	53.81 0.78 0.00	53.11 0.80 0.00	51.79 0.59 0.00	41.06 0.44 0.00	37.77 0.39 0.00	49.35 0.65 0.00	51.77 0.82 0.00	54.44 0.96 0.00	51.92 0.86 0.00	59.45 0.89 0.00	54.76 -0.68 0.00	57.15 -1.55 0.00	57.81 -1.39 0.00	61.38 -1.75 0.00	81.00 -2.03 0.00	72.54 -1.69 0.00	62.43 -1.59 0.00	49.25 -1.04 0.00	49.38 -0.81 0.00	46.67 -0.78 0.00	47.23 -0.51 0.00	50.64 -0.14 0.00	50.36 0.36 0.00	57.07 0.68 0.00
CHATEAUG_WT_PWR 323614	53.61 0.59 0.00	52.92 0.60 0.00	51.62 0.43 0.00	40.93 0.30 0.00	37.65 0.26 0.00	49.17 0.47 0.00	51.57 0.61 0.00	54.26 0.78 0.00	51.79 0.74 0.00	59.39 0.83 0.00	54.59 -0.84 0.00	57.07 -1.63 0.00	57.85 -1.35 0.00	61.47 -1.67 0.00	81.08 -1.94 0.00	72.61 -1.62 0.00	62.52 -1.50 0.00	49.32 -0.97 0.00	49.38 -0.81 0.00	46.65 -0.80 0.00	47.11 -0.63 0.00	50.52 -0.26 0.00	50.22 0.21 0.00	56.88 0.50 0.00
CHAT_HIGH_FALL_HYD 323578	53.81 0.78 0.00	53.11 0.80 0.00	51.79 0.59 0.00	41.06 0.44 0.00	37.77 0.39 0.00	49.35 0.65 0.00	51.77 0.82 0.00	54.44 0.96 0.00	51.92 0.86 0.00	59.45 0.89 0.00	54.76 -0.68 0.00	57.15 -1.55 0.00	57.81 -1.39 0.00	61.38 -1.75 0.00	81.00 -2.03 0.00	72.54 -1.69 0.00	62.43 -1.59 0.00	49.25 -1.04 0.00	49.38 -0.81 0.00	46.67 -0.78 0.00	47.23 -0.51 0.00	50.64 -0.14 0.00	50.36 0.36 0.00	57.07 0.68 0.00
CHAUTAUQUA___LFGE 323629	55.65 2.62 0.00	53.64 1.33 0.00	51.70 0.51 0.00	40.57 -0.05 0.00	37.61 0.23 0.00	50.08 1.38 0.00	52.73 1.78 0.00	55.29 1.81 0.00	53.18 2.14 0.00	62.22 3.65 0.00	60.41 5.01 0.03	64.18 5.48 0.00	63.36 4.16 0.00	66.99 3.85 0.00	87.93 4.91 0.00	79.05 4.82 0.00	67.46 3.44 0.00	52.94 2.65 0.00	53.86 3.67 0.00	51.17 3.72 0.00	51.27 3.93 0.40	44.76 4.04 10.07	53.15 3.15 0.00	59.82 3.44 0.00
CHERRYST_13_KV_LD 356241	53.88 0.86 0.00	53.53 1.22 0.00	52.56 1.36 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.83 1.13 0.00	52.12 1.16 0.00	54.84 1.36 0.00	52.77 1.72 0.00	60.72 2.16 0.00	58.55 3.12 0.00	62.93 4.24 0.00	63.65 4.45 0.00	68.04 4.91 0.00	89.63 6.60 0.00	80.17 5.94 0.00	69.38 5.36 0.00	54.33 4.03 0.00	53.57 3.38 0.00	50.44 2.99 0.00	50.45 2.71 0.00	52.95 2.17 0.00	51.80 1.80 0.00	57.69 1.30 0.00

CHESTROR_138KV_BK263 355645	53.45 0.43 0.00	52.92 0.61 0.00	51.89 0.69 0.00	41.20 0.58 0.00	37.89 0.51 0.00	49.21 0.51 0.00	51.44 0.49 0.00	54.08 0.60 0.00	51.84 0.79 0.00	59.57 1.00 0.00	57.24 1.80 0.00	61.48 2.79 0.00	62.25 3.04 0.00	66.62 3.49 0.00	87.80 4.78 0.00	78.52 4.29 0.00	67.89 3.87 0.00	53.21 2.92 0.00	52.65 2.46 0.00	49.64 2.20 0.00	49.68 1.94 0.00	52.28 1.50 0.00	51.07 1.07 0.00	57.21 0.82 0.00
CH_MIDHUDSON___DRP 24192	53.74 0.72 0.00	53.26 0.94 0.00	52.24 1.04 0.00	41.46 0.84 0.00	38.15 0.77 0.00	49.55 0.85 0.00	51.78 0.83 0.00	54.46 0.98 0.00	52.29 1.24 0.00	60.08 1.51 0.00	57.74 2.30 0.00	62.02 3.32 0.00	62.90 3.70 0.00	67.36 4.22 0.00	88.76 5.73 0.00	79.27 5.04 0.00	68.53 4.51 0.00	53.70 3.41 0.00	53.10 2.91 0.00	50.02 2.57 0.00	50.05 2.31 0.00	52.67 1.89 0.00	51.43 1.43 0.00	57.44 1.06 0.00
CH_MISC_IPPS 23765	54.15 1.12 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.88 1.41 0.00	52.72 1.67 0.00	60.61 2.05 0.00	58.34 2.90 0.00	62.69 3.99 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.26 5.24 0.00	54.22 3.93 0.00	53.63 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.97 1.58 0.00
CH_RES_BVR_FALLS 23983	53.14 0.12 0.00	52.44 0.13 0.00	51.27 0.07 0.00	40.68 0.06 0.00	37.30 -0.08 0.00	48.72 0.02 0.00	51.03 0.07 0.00	53.54 0.06 0.00	50.77 -0.28 0.00	58.27 -0.30 0.00	54.86 -0.57 0.00	57.74 -0.96 0.00	58.21 -0.99 0.00	61.97 -1.17 0.00	81.50 -1.53 0.00	72.98 -1.25 0.00	62.96 -1.06 0.00	49.41 -0.88 0.00	49.39 -0.80 0.00	46.73 -0.72 0.00	47.08 -0.66 0.00	50.20 -0.59 0.00	49.74 -0.26 0.00	56.44 0.06 0.00
CH_RES_NIAGARA 23895	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.06 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.49 0.00	51.90 0.85 0.00	60.63 2.06 0.00	58.91 3.48 0.00	62.46 3.76 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.42 2.39 0.00	76.82 2.59 0.00	64.89 0.87 0.00	50.54 0.24 0.00	51.12 0.93 0.00	48.26 0.81 0.00	49.30 1.56 0.00	52.77 1.99 0.00	51.37 1.37 0.00	57.81 1.43 0.00
CH_RES_SYRACUSE 23985	52.96 -0.06 0.00	52.03 -0.28 0.00	50.82 -0.38 0.00	40.29 -0.33 0.00	37.06 -0.31 0.00	48.29 -0.41 0.00	50.66 -0.29 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.93 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.23 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.69 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.48 0.62 -0.12	51.31 0.53 0.00	50.22 0.14 -0.08	57.17 -0.12 -0.90
CLINTON_WT_PWR 323605	53.61 0.59 0.00	52.92 0.60 0.00	51.62 0.43 0.00	40.93 0.30 0.00	37.65 0.26 0.00	49.17 0.47 0.00	51.57 0.61 0.00	54.26 0.78 0.00	51.79 0.74 0.00	59.39 0.83 0.00	54.59 -0.84 0.00	57.07 -1.63 0.00	57.85 -1.35 0.00	61.47 -1.67 0.00	81.08 -1.94 0.00	72.61 -1.62 0.00	62.52 -1.50 0.00	49.32 -0.97 0.00	49.38 -0.81 0.00	46.65 -0.80 0.00	47.11 -0.63 0.00	50.52 -0.26 0.00	50.22 0.21 0.00	56.88 0.50 0.00
CLINTON___LFGE 323618	54.10 1.08 0.00	53.39 1.07 0.00	52.05 0.85 0.00	41.24 0.61 0.00	37.95 0.57 0.00	49.56 0.87 0.00	52.00 1.04 0.00	54.85 1.36 0.00	52.42 1.37 0.00	60.03 1.47 0.00	55.20 -0.23 0.00	57.84 -0.86 0.00	58.48 -0.72 0.00	61.93 -1.20 0.00	81.81 -1.22 0.00	73.24 -0.99 0.00	63.08 -0.94 0.00	49.89 -0.40 0.00	50.02 -0.17 0.00	47.24 -0.20 0.00	47.73 -0.01 0.00	51.22 0.44 0.00	50.81 0.81 0.00	57.48 1.10 0.00
COBBLENY_34_KV_TB1 80064	55.56 2.54 0.00	53.89 1.58 0.00	52.20 1.01 0.00	41.10 0.48 0.00	37.90 0.52 0.00	49.80 1.11 0.00	52.71 1.75 0.00	55.31 1.83 0.00	53.17 2.12 0.00	62.06 3.49 0.00	60.22 4.78 0.00	63.86 5.16 0.00	63.33 4.13 0.00	66.97 3.84 0.00	88.03 5.00 0.00	79.15 4.92 0.00	67.31 3.29 0.00	52.72 2.43 0.00	53.54 3.35 0.00	50.73 3.28 0.00	51.45 3.70 0.00	54.62 3.84 0.00	53.03 3.03 0.00	59.59 3.20 0.00
COFFEEN___115KV_TB3 355620	58.38 5.36 0.00	56.94 4.63 0.00	55.58 4.39 0.00	44.04 3.42 0.00	40.06 2.68 0.00	52.61 3.91 0.00	55.52 4.57 0.00	58.10 4.62 0.00	54.73 3.68 0.00	64.85 5.89 -0.39	61.24 5.70 -0.11	64.95 5.79 -0.46	63.96 4.75 0.00	67.36 4.23 0.00	87.37 4.34 0.00	78.41 4.18 0.00	67.96 3.94 0.00	53.51 3.22 0.00	53.96 3.77 0.00	52.58 5.13 0.00	53.46 5.63 -0.09	56.19 5.41 0.00	54.56 4.49 -0.06	61.82 4.72 -0.71
COLDSPRG_115KV_BK1 355956	55.97 2.95 0.00	53.98 1.67 0.00	52.11 0.92 0.00	40.95 0.33 0.00	37.98 0.60 0.00	50.49 1.79 0.00	53.34 2.39 0.00	56.05 2.57 0.00	53.90 2.86 0.00	63.02 4.45 0.00	61.05 5.61 0.00	64.73 6.03 0.00	63.55 4.34 0.00	67.22 4.08 0.00	88.25 5.22 0.00	79.33 5.10 0.00	67.83 3.82 0.00	53.42 3.12 0.00	54.37 4.19 0.00	51.62 4.17 0.00	52.09 4.35 0.00	55.16 4.38 0.00	53.60 3.60 0.00	60.19 3.80 0.00
COLONIE_LFGE___ 323577	53.75 0.73 0.00	53.15 0.84 0.00	52.14 0.94 0.00	41.30 0.68 0.00	38.10 0.72 0.00	49.60 0.91 0.00	51.80 0.85 0.00	54.41 0.93 0.00	51.94 0.89 0.00	59.31 0.75 0.00	56.49 1.05 0.00	60.44 1.74 0.00	61.27 2.06 0.00	65.60 2.46 0.00	86.41 3.38 0.00	76.79 2.56 0.00	66.47 2.45 0.00	52.28 1.99 0.00	52.06 1.87 0.00	49.07 1.62 0.00	49.38 1.64 0.00	52.29 1.51 0.00	51.10 1.10 0.00	57.31 0.93 0.00
COOPERNY_115KV_TB1 80082	53.30 0.28 0.00	52.73 0.42 0.00	51.70 0.51 0.00	41.06 0.44 0.00	37.78 0.39 0.00	49.08 0.39 0.00	51.28 0.32 0.00	53.88 0.40 0.00	51.61 0.56 0.00	59.30 0.73 0.00	56.84 1.40 0.00	60.87 2.17 0.00	61.55 2.35 0.00	65.76 2.63 0.00	86.57 3.54 0.00	77.36 3.13 0.00	66.85 2.83 0.00	52.47 2.17 0.00	52.05 1.86 0.00	49.12 1.68 0.00	49.23 1.48 0.00	51.96 1.18 0.00	50.81 0.81 0.00	57.08 0.70 0.00
COPENHAGEN_WT_PWR 323753	57.32 4.29 0.00	55.96 3.65 0.00	54.64 3.44 0.00	43.36 2.74 0.00	39.29 1.91 0.00	51.58 2.88 0.00	54.43 3.47 0.00	57.01 3.53 0.00	53.34 2.29 0.00	63.51 4.54 -0.41	60.18 4.63 -0.11	63.81 4.63 -0.48	62.82 3.61 0.00	66.11 2.98 0.00	86.01 2.98 0.00	77.26 3.03 0.00	66.88 2.86 0.00	52.67 2.38 0.00	53.13 2.94 0.00	51.53 4.08 0.00	52.31 4.47 -0.10	54.92 4.14 0.00	53.38 3.31 -0.07	60.62 3.49 -0.75
CORNELL_____ 23752	54.56 1.54 0.00	53.54 1.23 0.00	52.31 1.12 0.00	41.47 0.85 0.00	38.22 0.85 0.00	49.79 1.09 0.00	52.27 1.32 0.00	54.94 1.46 0.00	52.42 1.37 0.00	60.56 1.73 -0.27	57.86 2.35 -0.07	61.90 2.88 -0.32	61.32 2.12 0.00	65.11 1.97 0.00	85.80 2.77 0.00	77.01 2.78 0.00	66.60 2.58 0.00	52.64 2.35 0.00	52.84 2.65 0.00	50.18 2.73 0.00	50.54 2.74 -0.06	53.51 2.73 0.00	52.09 2.05 -0.04	58.84 1.96 -0.49

CORONA_69_KV_TB1 355595	54.51 1.49 0.00	54.14 1.83 0.00	52.90 1.70 0.00	41.99 1.37 0.00	38.59 1.21 0.00	50.14 1.44 0.00	52.41 1.45 0.00	54.96 1.48 0.00	52.70 1.65 0.00	60.52 1.95 0.00	58.39 2.96 0.00	62.75 4.05 0.00	63.60 4.40 0.00	67.88 4.75 0.00	89.43 6.40 0.00	79.90 5.67 0.00	69.24 5.23 0.00	54.43 4.14 0.00	53.56 3.37 0.00	50.49 3.05 0.00	50.42 2.67 0.00	52.92 2.13 0.00	51.68 1.68 0.00	57.43 1.05 0.00
CORTLAND_115KV_TB3 80093	53.84 0.82 0.00	52.94 0.63 0.00	51.76 0.56 0.00	41.03 0.41 0.00	37.79 0.41 0.00	49.23 0.54 0.00	51.66 0.70 0.00	54.27 0.79 0.00	51.82 0.77 0.00	59.91 1.07 -0.28	57.23 1.72 -0.08	61.15 2.12 -0.33	60.88 1.68 0.00	64.68 1.55 0.00	85.11 2.08 0.00	76.23 2.00 0.00	65.78 1.76 0.00	51.88 1.58 0.00	51.99 1.80 0.00	49.30 1.85 0.00	49.62 1.81 -0.07	52.56 1.78 0.00	51.27 1.23 -0.05	58.03 1.13 -0.52
COXSACKIE___GT 23611	54.86 1.83 0.00	54.03 1.72 0.00	52.98 1.78 0.00	41.99 1.38 0.00	38.70 1.32 0.00	50.38 1.68 0.00	52.56 1.61 0.00	55.21 1.73 0.00	52.43 1.38 0.00	59.33 0.76 0.00	56.27 0.83 0.00	60.14 1.45 0.00	61.08 1.88 0.00	66.11 2.97 0.00	89.25 6.22 0.00	79.02 4.79 0.00	67.41 3.38 0.00	53.25 2.95 0.00	53.14 2.95 0.00	50.27 2.82 0.00	50.62 2.88 0.00	53.53 2.74 0.00	52.10 2.10 0.00	58.23 1.84 0.00
CPV_VALLEY___CC1 323721	53.07 0.04 0.00	52.54 0.23 0.00	51.54 0.34 0.00	40.93 0.31 0.00	37.66 0.28 0.00	48.89 0.19 0.00	51.09 0.13 0.00	53.71 0.23 0.00	51.47 0.42 0.00	59.14 0.57 0.00	56.79 1.35 0.00	60.94 2.24 0.00	61.68 2.47 0.00	65.98 2.85 0.00	86.88 3.85 0.00	77.66 3.43 0.00	67.17 3.15 0.00	52.68 2.39 0.00	52.14 1.95 0.00	49.19 1.74 0.00	49.23 1.49 0.00	51.84 1.06 0.00	50.67 0.67 0.00	56.95 0.57 0.00
CPV_VALLEY___CC2 323722	53.07 0.04 0.00	52.54 0.23 0.00	51.54 0.34 0.00	40.93 0.31 0.00	37.66 0.28 0.00	48.89 0.19 0.00	51.09 0.13 0.00	53.71 0.23 0.00	51.47 0.42 0.00	59.14 0.57 0.00	56.79 1.35 0.00	60.94 2.24 0.00	61.68 2.47 0.00	65.98 2.85 0.00	86.88 3.85 0.00	77.66 3.43 0.00	67.17 3.15 0.00	52.68 2.39 0.00	52.14 1.95 0.00	49.19 1.74 0.00	49.23 1.49 0.00	51.84 1.06 0.00	50.67 0.67 0.00	56.95 0.57 0.00
CRESCENT___HYD 24018	53.75 0.73 0.00	53.15 0.84 0.00	52.14 0.94 0.00	41.30 0.68 0.00	38.10 0.72 0.00	49.60 0.91 0.00	51.80 0.85 0.00	54.41 0.93 0.00	51.94 0.89 0.00	59.31 0.75 0.00	56.49 1.05 0.00	60.44 1.74 0.00	61.27 2.06 0.00	65.60 2.46 0.00	86.41 3.38 0.00	76.79 2.56 0.00	66.47 2.45 0.00	52.28 1.99 0.00	52.06 1.87 0.00	49.07 1.62 0.00	49.38 1.64 0.00	52.29 1.51 0.00	51.10 1.10 0.00	57.31 0.93 0.00
CRICKET___VALLEY_CC1 323756	52.92 -0.10 0.00	52.46 0.14 0.00	51.45 0.25 0.00	40.78 0.16 0.00	37.56 0.18 0.00	48.81 0.11 0.00	51.06 0.11 0.00	53.64 0.16 0.00	51.50 0.45 0.00	59.00 0.44 0.00	56.61 1.18 0.00	60.85 2.16 0.00	61.77 2.57 0.00	66.11 2.97 0.00	87.10 4.07 0.00	77.70 3.48 0.00	67.38 3.36 0.00	52.92 2.62 0.00	52.29 2.10 0.00	49.17 1.72 0.00	49.22 1.48 0.00	51.81 1.03 0.00	50.58 0.58 0.00	56.49 0.11 0.00
CRICKET___VALLEY_CC2 323757	52.92 -0.10 0.00	52.46 0.14 0.00	51.45 0.25 0.00	40.78 0.16 0.00	37.56 0.18 0.00	48.81 0.11 0.00	51.06 0.11 0.00	53.64 0.16 0.00	51.50 0.45 0.00	59.00 0.44 0.00	56.61 1.18 0.00	60.85 2.16 0.00	61.77 2.57 0.00	66.11 2.97 0.00	87.10 4.07 0.00	77.70 3.48 0.00	67.38 3.36 0.00	52.92 2.62 0.00	52.29 2.10 0.00	49.17 1.72 0.00	49.22 1.48 0.00	51.81 1.03 0.00	50.58 0.58 0.00	56.49 0.11 0.00
CRICKET___VALLEY_CC3 323758	52.92 -0.10 0.00	52.46 0.14 0.00	51.45 0.25 0.00	40.78 0.16 0.00	37.56 0.18 0.00	48.81 0.11 0.00	51.06 0.11 0.00	53.64 0.16 0.00	51.50 0.45 0.00	59.00 0.44 0.00	56.61 1.18 0.00	60.85 2.16 0.00	61.77 2.57 0.00	66.11 2.97 0.00	87.10 4.07 0.00	77.70 3.48 0.00	67.38 3.36 0.00	52.92 2.62 0.00	52.29 2.10 0.00	49.17 1.72 0.00	49.22 1.48 0.00	51.81 1.03 0.00	50.58 0.58 0.00	56.49 0.11 0.00
CRUCIBLE_METL_DRP 24180	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
DAHOWA___HYDRO 323763	54.87 1.84 0.00	54.16 1.84 0.00	53.10 1.90 0.00	42.01 1.39 0.00	38.86 1.48 0.00	50.67 1.97 0.00	53.03 2.08 0.00	55.76 2.28 0.00	53.07 2.02 0.00	60.39 1.82 0.00	57.31 1.87 0.00	61.36 2.66 0.00	62.30 3.11 0.00	66.78 3.64 0.00	88.27 5.25 0.00	78.54 4.31 0.00	68.01 3.99 0.00	53.46 3.17 0.00	53.48 3.29 0.00	50.45 3.00 0.00	50.75 3.01 0.00	53.68 2.90 0.00	52.35 2.35 0.00	58.60 2.22 0.00
DANC___LFGE 323619	55.46 2.44 0.00	54.27 1.95 0.00	53.00 1.80 0.00	42.04 1.42 0.00	38.33 0.95 0.00	50.17 1.47 0.00	52.84 1.89 0.00	55.38 1.90 0.00	52.24 1.19 0.00	61.72 2.64 -0.51	58.43 2.85 -0.14	62.22 2.92 -0.60	61.43 2.23 0.00	64.89 1.76 0.00	84.75 1.72 0.00	76.06 1.83 0.00	65.57 1.55 0.00	51.62 1.33 0.00	51.94 1.76 0.00	49.98 2.54 0.00	50.64 2.78 -0.12	53.36 2.58 0.00	52.02 1.93 -0.08	59.25 1.93 -0.94
DANSKAMMER___1 23586	54.15 1.12 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.88 1.41 0.00	52.72 1.67 0.00	60.61 2.05 0.00	58.34 2.90 0.00	62.69 3.99 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.26 5.24 0.00	54.22 3.93 0.00	53.63 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.97 1.58 0.00
DANSKAMMER___2 23589	54.15 1.12 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.88 1.41 0.00	52.72 1.67 0.00	60.61 2.05 0.00	58.34 2.90 0.00	62.69 3.99 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.26 5.24 0.00	54.22 3.93 0.00	53.63 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.97 1.58 0.00
DANSKAMMER___3 23590	54.15 1.12 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.88 1.41 0.00	52.72 1.67 0.00	60.61 2.05 0.00	58.34 2.90 0.00	62.69 3.99 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.26 5.24 0.00	54.22 3.93 0.00	53.63 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.97 1.58 0.00

DANSKAMMER___4 23591	54.15 1.12 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.88 1.41 0.00	52.72 1.67 0.00	60.61 2.05 0.00	58.34 2.90 0.00	62.69 3.99 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.26 5.24 0.00	54.22 3.93 0.00	53.63 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.97 1.58 0.00
DANSKAMMER___DIESEL 23592	54.15 1.13 0.00	53.69 1.38 0.00	52.64 1.44 0.00	41.77 1.15 0.00	38.42 1.04 0.00	49.89 1.20 0.00	52.17 1.22 0.00	54.89 1.41 0.00	52.72 1.67 0.00	60.62 2.06 0.00	58.35 2.91 0.00	62.69 4.00 0.00	63.60 4.40 0.00	68.11 4.98 0.00	89.78 6.75 0.00	80.26 6.03 0.00	69.27 5.25 0.00	54.22 3.93 0.00	53.62 3.43 0.00	50.51 3.06 0.00	50.53 2.79 0.00	53.17 2.39 0.00	51.87 1.87 0.00	57.98 1.59 0.00
DARBY___SOLAR 323810	54.59 1.57 0.00	53.91 1.60 0.00	52.86 1.66 0.00	41.85 1.23 0.00	38.67 1.30 0.00	50.42 1.72 0.00	52.74 1.79 0.00	55.42 1.94 0.00	52.75 1.70 0.00	60.06 1.49 0.00	56.98 1.54 0.00	60.97 2.28 0.00	61.87 2.67 0.00	66.38 3.25 0.00	87.65 4.62 0.00	77.94 3.72 0.00	67.47 3.45 0.00	53.08 2.78 0.00	53.11 2.92 0.00	50.09 2.65 0.00	50.40 2.66 0.00	53.34 2.56 0.00	52.06 2.06 0.00	58.30 1.92 0.00
DASHVILLE___HYD 23610	53.54 0.51 0.00	53.01 0.70 0.00	52.00 0.80 0.00	41.28 0.66 0.00	37.98 0.60 0.00	49.35 0.65 0.00	51.49 0.53 0.00	54.14 0.66 0.00	51.87 0.81 0.00	59.78 1.21 0.00	57.46 2.03 0.00	61.69 3.00 0.00	62.52 3.32 0.00	66.90 3.77 0.00	88.30 5.28 0.00	78.93 4.70 0.00	68.16 4.14 0.00	53.38 3.08 0.00	52.78 2.59 0.00	49.73 2.29 0.00	49.78 2.04 0.00	52.46 1.68 0.00	51.23 1.23 0.00	57.25 0.87 0.00
DELAWARE___LFGE 323621	53.80 0.78 0.00	53.21 0.90 0.00	52.20 1.00 0.00	41.47 0.85 0.00	38.18 0.80 0.00	49.71 1.01 0.00	51.82 0.87 0.00	54.41 0.93 0.00	52.01 0.96 0.00	59.91 1.25 -0.09	57.24 1.77 -0.03	61.18 2.37 -0.11	61.60 2.40 0.00	65.62 2.48 0.00	86.28 3.25 0.00	77.01 2.78 0.00	66.50 2.48 0.00	52.27 1.97 0.00	52.14 1.95 0.00	49.29 1.84 0.00	49.50 1.73 -0.02	52.45 1.67 0.00	51.26 1.25 -0.02	57.70 1.15 -0.17
DERFIELD_115KV_TB7 355931	52.96 -0.06 0.00	52.27 -0.04 0.00	51.21 0.01 0.00	40.63 0.01 0.00	37.38 0.00 0.00	48.70 0.00 0.00	50.92 -0.04 0.00	53.43 -0.05 0.00	50.96 -0.09 0.00	58.47 -0.10 0.00	55.58 0.15 0.00	59.05 0.36 0.00	59.64 0.44 0.00	63.64 0.50 0.00	83.68 0.65 0.00	74.71 0.48 0.00	64.51 0.49 0.00	50.69 0.40 0.00	50.59 0.40 0.00	47.80 0.36 0.00	48.08 0.33 0.00	51.04 0.26 0.00	50.10 0.10 0.00	56.38 0.00 0.00
DOGLEVILLE___HYD 23807	53.67 0.65 0.00	53.03 0.72 0.00	52.19 0.99 0.00	41.43 0.80 0.00	38.23 0.85 0.00	49.72 1.03 0.00	51.72 0.77 0.00	54.07 0.59 0.00	51.15 0.10 0.00	57.79 -0.77 0.00	55.32 -0.11 0.00	59.73 1.03 0.00	61.10 1.90 0.00	65.92 2.79 0.00	87.68 4.65 0.00	76.95 2.73 0.00	67.02 3.00 0.00	52.68 2.39 0.00	53.13 2.94 0.00	50.06 2.61 0.00	50.35 2.61 0.00	53.41 2.63 0.00	51.76 1.76 0.00	57.75 1.37 0.00
DUNKIRK___115KV_TB_200 55889	55.53 2.51 0.00	53.60 1.29 0.00	51.72 0.52 0.00	40.59 -0.03 0.00	37.61 0.23 0.00	49.97 1.27 0.00	52.65 1.69 0.00	55.22 1.74 0.00	53.11 2.06 0.00	62.06 3.50 0.00	60.27 4.84 0.00	64.03 5.33 0.00	63.25 4.05 0.00	66.86 3.73 0.00	87.79 4.77 0.00	78.92 4.69 0.00	67.33 3.31 0.00	52.84 2.54 0.00	53.74 3.55 0.00	51.04 3.59 0.00	51.56 3.82 0.00	54.73 3.95 0.00	53.05 3.05 0.00	59.70 3.32 0.00
DUNKIRK___1 23563	55.53 2.51 0.00	53.60 1.29 0.00	51.72 0.52 0.00	40.59 -0.03 0.00	37.61 0.23 0.00	49.97 1.27 0.00	52.65 1.69 0.00	55.22 1.74 0.00	53.11 2.06 0.00	62.06 3.50 0.00	60.27 4.84 0.00	64.03 5.33 0.00	63.25 4.05 0.00	66.86 3.73 0.00	87.79 4.77 0.00	78.92 4.69 0.00	67.33 3.31 0.00	52.84 2.54 0.00	53.74 3.55 0.00	51.04 3.59 0.00	51.56 3.82 0.00	54.73 3.95 0.00	53.05 3.05 0.00	59.70 3.32 0.00
DUNKIRK___2 23564	55.53 2.51 0.00	53.60 1.29 0.00	51.72 0.52 0.00	40.59 -0.03 0.00	37.61 0.23 0.00	49.97 1.27 0.00	52.65 1.69 0.00	55.22 1.74 0.00	53.11 2.06 0.00	62.06 3.50 0.00	60.27 4.84 0.00	64.03 5.33 0.00	63.25 4.05 0.00	66.86 3.73 0.00	87.79 4.77 0.00	78.92 4.69 0.00	67.33 3.31 0.00	52.84 2.54 0.00	53.74 3.55 0.00	51.04 3.59 0.00	51.56 3.82 0.00	54.73 3.95 0.00	53.05 3.05 0.00	59.70 3.32 0.00
DUNKIRK___3 23565	55.27 2.24 0.00	53.47 1.16 0.00	51.70 0.51 0.00	40.64 0.01 0.00	37.57 0.19 0.00	49.72 1.03 0.00	52.47 1.52 0.00	55.02 1.54 0.00	52.89 1.84 0.00	61.74 3.18 0.00	59.91 4.47 0.00	63.60 4.90 0.00	62.92 3.72 0.00	66.54 3.41 0.00	87.38 4.35 0.00	78.55 4.32 0.00	66.96 2.94 0.00	52.52 2.23 0.00	53.39 3.20 0.00	50.67 3.23 0.00	51.24 3.50 0.00	54.41 3.63 0.00	52.75 2.76 0.00	59.36 2.98 0.00
DUNKIRK___4 23566	55.27 2.24 0.00	53.47 1.16 0.00	51.70 0.51 0.00	40.64 0.01 0.00	37.57 0.19 0.00	49.72 1.03 0.00	52.47 1.52 0.00	55.02 1.54 0.00	52.89 1.84 0.00	61.74 3.18 0.00	59.91 4.47 0.00	63.60 4.90 0.00	62.92 3.72 0.00	66.54 3.41 0.00	87.38 4.35 0.00	78.55 4.32 0.00	66.96 2.94 0.00	52.52 2.23 0.00	53.39 3.20 0.00	50.67 3.23 0.00	51.24 3.50 0.00	54.41 3.63 0.00	52.75 2.76 0.00	59.36 2.98 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.74 0.72 0.00	53.35 1.04 0.00	52.33 1.13 0.00	41.59 0.97 0.00	38.25 0.86 0.00	49.62 0.92 0.00	51.86 0.91 0.00	54.52 1.04 0.00	52.36 1.31 0.00	60.18 1.61 0.00	57.97 2.53 0.00	62.28 3.58 0.00	63.04 3.84 0.00	67.42 4.28 0.00	88.80 5.77 0.00	79.40 5.17 0.00	68.75 4.73 0.00	53.89 3.60 0.00	53.21 3.02 0.00	50.15 2.70 0.00	50.15 2.41 0.00	52.68 1.89 0.00	51.48 1.48 0.00	57.41 1.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.77 0.75 0.00	53.24 0.93 0.00	52.22 1.02 0.00	41.44 0.82 0.00	38.12 0.74 0.00	49.51 0.81 0.00	51.75 0.80 0.00	54.43 0.95 0.00	52.23 1.18 0.00	60.03 1.46 0.00	57.74 2.30 0.00	62.04 3.34 0.00	62.85 3.65 0.00	67.31 4.18 0.00	88.72 5.69 0.00	79.38 5.15 0.00	68.56 4.54 0.00	53.71 3.42 0.00	53.12 2.93 0.00	50.07 2.62 0.00	50.09 2.34 0.00	52.70 1.92 0.00	51.44 1.45 0.00	57.57 1.18 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.50 0.47 0.00	53.23 0.91 0.00	52.25 1.05 0.00	41.61 0.99 0.00	38.17 0.79 0.00	49.34 0.64 0.00	51.74 0.78 0.00	54.33 0.85 0.00	52.32 1.28 0.00	59.82 1.25 0.00	57.60 2.17 0.00	61.92 3.22 0.00	62.59 3.39 0.00	66.92 3.79 0.00	88.07 5.05 0.00	78.81 4.58 0.00	68.38 4.36 0.00	53.59 3.30 0.00	52.81 2.62 0.00	50.01 2.57 0.00	49.90 2.16 0.00	52.36 1.58 0.00	51.35 1.35 0.00	57.04 0.66 0.00

E179THST_13_KV_LOAD 356214	53.90 0.87 0.00	53.58 1.27 0.00	52.59 1.40 0.00	41.86 1.24 0.00	38.41 1.03 0.00	49.65 0.96 0.00	52.09 1.13 0.00	54.71 1.23 0.00	52.69 1.64 0.00	60.26 1.69 0.00	58.05 2.61 0.00	62.38 3.68 0.00	63.05 3.84 0.00	67.43 4.29 0.00	88.74 5.72 0.00	79.42 5.19 0.00	68.90 4.88 0.00	54.00 3.71 0.00	53.23 3.04 0.00	50.40 2.95 0.00	50.27 2.52 0.00	52.74 1.96 0.00	51.72 1.73 0.00	57.43 1.05 0.00
EAST HAMPTON___GT 23717	56.71 3.69 0.00	56.15 3.84 0.00	55.29 4.09 0.00	43.84 3.22 0.00	40.31 2.93 0.00	52.53 3.83 0.00	55.06 4.10 0.00	57.50 4.02 0.00	54.94 3.89 0.00	62.36 3.79 0.00	59.57 4.13 0.00	63.66 4.97 0.00	64.76 5.56 0.00	68.81 5.67 0.00	89.68 6.65 0.00	80.26 6.03 0.00	73.09 5.92 -3.14	55.29 4.99 0.00	54.13 3.94 0.00	50.58 3.13 0.00	51.26 3.52 0.00	53.45 2.67 0.00	52.01 2.02 0.00	34.73 2.19 23.85
EAST RIVER___6 23660	53.71 0.68 0.00	53.34 1.03 0.00	52.39 1.20 0.00	41.68 1.06 0.00	38.28 0.89 0.00	49.60 0.90 0.00	51.93 0.97 0.00	54.65 1.17 0.00	52.58 1.53 0.00	60.49 1.93 0.00	58.32 2.88 0.00	62.69 3.99 0.00	63.43 4.22 0.00	67.85 4.72 0.00	89.23 6.20 0.00	79.90 5.67 0.00	69.14 5.12 0.00	54.13 3.84 0.00	53.38 3.19 0.00	50.26 2.82 0.00	50.31 2.57 0.00	52.82 2.04 0.00	51.66 1.66 0.00	57.49 1.11 0.00
EAST RIVER___7 23524	53.71 0.68 0.00	53.34 1.03 0.00	52.39 1.20 0.00	41.68 1.06 0.00	38.28 0.89 0.00	49.60 0.90 0.00	51.93 0.97 0.00	54.65 1.17 0.00	52.58 1.53 0.00	60.49 1.93 0.00	58.32 2.88 0.00	62.69 3.99 0.00	63.43 4.22 0.00	67.85 4.72 0.00	89.23 6.20 0.00	79.90 5.67 0.00	69.14 5.12 0.00	54.13 3.84 0.00	53.38 3.19 0.00	50.26 2.82 0.00	50.31 2.57 0.00	52.82 2.04 0.00	51.66 1.66 0.00	57.49 1.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.65 0.63 0.00	53.22 0.91 0.00	52.21 1.02 0.00	41.49 0.86 0.00	38.16 0.77 0.00	49.49 0.79 0.00	51.75 0.80 0.00	54.41 0.93 0.00	52.24 1.19 0.00	60.04 1.48 0.00	57.81 2.38 0.00	62.14 3.44 0.00	62.91 3.71 0.00	67.29 4.16 0.00	88.63 5.60 0.00	79.25 5.02 0.00	68.62 4.60 0.00	53.79 3.50 0.00	53.10 2.92 0.00	50.06 2.61 0.00	50.05 2.31 0.00	52.58 1.80 0.00	51.37 1.38 0.00	57.32 0.94 0.00
EAST_HAMPTON___DIESEL 23722	56.69 3.67 0.00	56.12 3.81 0.00	55.29 4.10 0.00	43.85 3.23 0.00	40.31 2.93 0.00	52.54 3.84 0.00	55.07 4.11 0.00	57.49 4.01 0.00	54.92 3.87 0.00	62.34 3.77 0.00	59.52 4.08 0.00	63.59 4.89 0.00	64.69 5.49 0.00	68.73 5.59 0.00	89.54 6.52 0.00	80.16 5.93 0.00	73.00 5.84 -3.14	55.21 4.91 0.00	54.06 3.87 0.00	50.49 3.04 0.00	51.16 3.42 0.00	53.37 2.59 0.00	51.91 1.91 0.00	34.65 2.12 23.85
EAST_POINT___SOLAR 323840	56.67 3.65 0.00	55.74 3.43 0.00	54.40 3.20 0.00	43.11 2.49 0.00	39.63 2.25 0.00	51.80 3.10 0.00	54.30 3.35 0.00	55.68 2.20 0.00	51.62 0.57 0.00	58.87 0.30 0.00	55.86 0.43 0.00	61.34 2.65 0.00	62.23 3.03 0.00	66.62 3.48 0.00	88.19 5.16 0.00	78.07 3.84 0.00	67.56 3.54 0.00	53.22 2.93 0.00	53.90 3.71 0.00	51.28 3.84 0.00	51.77 4.03 0.00	54.83 4.05 0.00	53.70 3.70 0.00	60.24 3.86 0.00
EAST_PULASKI___ESR 323781	53.54 0.52 0.00	52.52 0.21 0.00	51.31 0.11 0.00	40.69 0.07 0.00	37.31 -0.07 0.00	48.70 0.00 0.00	51.20 0.24 0.00	53.70 0.22 0.00	51.07 0.02 0.00	59.98 0.66 -0.75	56.67 1.02 -0.21	60.73 1.15 -0.89	60.00 0.80 0.00	63.60 0.47 0.00	83.40 0.38 0.00	74.77 0.54 0.00	64.24 0.21 0.00	50.56 0.27 0.00	50.79 0.60 0.00	48.43 0.98 0.00	49.03 1.11 -0.18	51.77 0.98 0.00	50.63 0.51 -0.12	58.06 0.29 -1.38
EAST_RIVER___1 323558	53.71 0.68 0.00	53.34 1.03 0.00	52.38 1.18 0.00	41.67 1.05 0.00	38.30 0.92 0.00	49.64 0.95 0.00	51.91 0.96 0.00	54.58 1.10 0.00	52.51 1.46 0.00	60.40 1.83 0.00	58.21 2.78 0.00	62.57 3.87 0.00	63.28 4.07 0.00	67.67 4.53 0.00	89.11 6.08 0.00	79.71 5.48 0.00	68.98 4.96 0.00	54.03 3.73 0.00	53.30 3.11 0.00	50.23 2.78 0.00	50.25 2.51 0.00	52.75 1.97 0.00	51.60 1.60 0.00	57.47 1.08 0.00
EAST_RIVER___2 323559	53.71 0.68 0.00	53.34 1.03 0.00	52.39 1.20 0.00	41.68 1.06 0.00	38.28 0.89 0.00	49.60 0.90 0.00	51.93 0.97 0.00	54.65 1.17 0.00	52.58 1.53 0.00	60.49 1.93 0.00	58.32 2.88 0.00	62.69 3.99 0.00	63.43 4.22 0.00	67.85 4.72 0.00	89.23 6.20 0.00	79.90 5.67 0.00	69.14 5.12 0.00	54.13 3.84 0.00	53.38 3.19 0.00	50.26 2.82 0.00	50.31 2.57 0.00	52.82 2.04 0.00	51.66 1.66 0.00	57.49 1.11 0.00
EAST___DELAWARE_HYD 23607	53.23 0.21 0.00	52.62 0.31 0.00	51.55 0.36 0.00	40.91 0.28 0.00	37.62 0.24 0.00	48.87 0.17 0.00	51.08 0.13 0.00	53.74 0.26 0.00	51.57 0.53 0.00	59.32 0.75 0.00	57.11 1.67 0.00	61.39 2.69 0.00	61.97 2.77 0.00	64.96 1.83 0.00	85.84 2.81 0.00	76.69 2.46 0.00	66.03 2.01 0.00	51.76 1.47 0.00	51.28 1.09 0.00	48.34 0.89 0.00	48.55 0.81 0.00	52.33 1.55 0.00	51.03 1.03 0.00	57.05 0.67 0.00
EIGHT_POINT___WT_PWR 323820	55.32 2.29 0.00	53.92 1.61 0.00	52.40 1.21 0.00	41.30 0.68 0.00	37.74 0.36 0.00	48.86 0.16 0.00	51.60 0.64 0.00	54.78 1.30 0.00	52.92 1.88 0.00	61.18 2.50 -0.11	59.01 3.54 -0.03	62.34 3.51 -0.13	61.89 2.69 0.00	64.95 1.82 0.00	85.41 2.39 0.00	76.70 2.47 0.00	65.57 1.55 0.00	51.86 1.56 0.00	52.76 2.57 0.00	50.62 3.17 0.00	51.38 3.61 -0.03	54.77 3.99 0.00	52.92 2.91 -0.02	59.49 2.90 -0.21
ELBRIDGE_115KV_TB2 80188	52.91 -0.12 0.00	51.97 -0.34 0.00	50.77 -0.43 0.00	40.26 -0.36 0.00	37.07 -0.31 0.00	48.30 -0.40 0.00	50.63 -0.32 0.00	53.21 -0.27 0.00	50.87 -0.18 0.00	59.21 0.13 -0.52	56.27 0.69 -0.14	60.28 0.97 -0.61	59.91 0.70 0.00	63.71 0.58 0.00	83.79 0.77 0.00	74.93 0.70 0.00	64.45 0.43 0.00	50.65 0.36 0.00	50.77 0.58 0.00	48.14 0.70 0.00	48.50 0.64 -0.12	51.32 0.54 0.00	50.25 0.17 -0.09	57.26 -0.08 -0.96
ELEC_TRO_TEK 24086	54.00 0.97 0.00	53.67 1.35 0.00	52.45 1.25 0.00	41.65 1.03 0.00	38.28 0.90 0.00	49.74 1.04 0.00	52.02 1.06 0.00	54.55 1.07 0.00	52.28 1.23 0.00	60.02 1.45 0.00	57.87 2.43 0.00	62.15 3.45 0.00	63.05 3.85 0.00	67.30 4.17 0.00	88.63 5.60 0.00	79.15 4.92 0.00	68.70 4.68 0.00	54.06 3.77 0.00	53.18 2.99 0.00	50.10 2.65 0.00	49.96 2.22 0.00	52.41 1.63 0.00	51.22 1.22 0.00	53.18 0.55 3.75
ELLENBURG_WT_PWR 323604	53.61 0.59 0.00	52.92 0.60 0.00	51.62 0.43 0.00	40.93 0.30 0.00	37.65 0.26 0.00	49.17 0.47 0.00	51.57 0.61 0.00	54.26 0.78 0.00	51.79 0.74 0.00	59.39 0.83 0.00	54.59 -0.84 0.00	57.07 -1.63 0.00	57.85 -1.35 0.00	61.47 -1.67 0.00	81.08 -1.94 0.00	72.61 -1.62 0.00	62.52 -1.50 0.00	49.32 -0.97 0.00	49.38 -0.81 0.00	46.65 -0.80 0.00	47.11 -0.63 0.00	50.52 -0.26 0.00	50.22 0.21 0.00	56.88 0.50 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.29 2.27 0.00	53.65 1.33 0.00	51.94 0.75 0.00	40.90 0.28 0.00	37.73 0.35 0.00	49.66 0.96 0.00	52.53 1.58 0.00	55.06 1.58 0.00	52.90 1.85 0.00	61.78 3.21 0.00	59.91 4.48 0.00	63.53 4.83 0.00	62.87 3.66 0.00	66.45 3.32 0.00	87.29 4.27 0.00	78.49 4.26 0.00	66.61 2.59 0.00	52.09 1.79 0.00	52.88 2.69 0.00	50.09 2.64 0.00	50.87 3.13 0.00	54.10 3.32 0.00	52.67 2.68 0.00	59.23 2.85 0.00
EMPIRE_CC_1 323656	52.54 -0.48 0.00	52.00 -0.31 0.00	51.08 -0.11 0.00	40.51 -0.11 0.00	37.35 -0.03 0.00	48.56 -0.13 0.00	50.65 -0.30 0.00	53.18 -0.30 0.00	50.81 -0.24 0.00	58.05 -0.52 0.00	55.31 -0.12 0.00	59.20 0.50 0.00	59.96 0.76 0.00	64.09 0.96 0.00	84.40 1.37 0.00	75.06 0.83 0.00	65.01 0.99 0.00	51.13 0.84 0.00	50.79 0.60 0.00	47.85 0.40 0.00	48.13 0.39 0.00	50.95 0.17 0.00	49.86 -0.14 0.00	55.96 -0.42 0.00
EMPIRE_CC_2 323658	52.54 -0.48 0.00	52.00 -0.31 0.00	51.08 -0.11 0.00	40.51 -0.11 0.00	37.35 -0.03 0.00	48.56 -0.13 0.00	50.65 -0.30 0.00	53.18 -0.30 0.00	50.81 -0.24 0.00	58.05 -0.52 0.00	55.31 -0.12 0.00	59.20 0.50 0.00	59.96 0.76 0.00	64.09 0.96 0.00	84.40 1.37 0.00	75.06 0.83 0.00	65.01 0.99 0.00	51.13 0.84 0.00	50.79 0.60 0.00	47.85 0.40 0.00	48.13 0.39 0.00	50.95 0.17 0.00	49.86 -0.14 0.00	55.96 -0.42 0.00
ENORWICH_115KV_TB1 80156	56.62 3.60 0.00	55.60 3.28 0.00	54.33 3.13 0.00	43.03 2.40 0.00	39.73 2.34 0.00	51.90 3.20 0.00	54.53 3.58 0.00	57.25 3.77 0.00	54.84 3.79 0.00	63.15 4.38 -0.20	60.45 4.96 -0.06	65.08 6.14 -0.24	64.54 5.34 0.00	68.46 5.32 0.00	90.63 7.61 0.00	81.24 7.01 0.00	70.07 6.05 0.00	55.81 5.52 0.00	56.16 5.97 0.00	53.20 5.75 0.00	53.52 5.73 -0.05	56.55 5.77 0.00	54.82 4.79 -0.03	61.63 4.87 -0.37
ERIE_ST__34_KV_TB1-2 80199	55.67 2.65 0.00	53.98 1.67 0.00	52.26 1.06 0.00	41.12 0.50 0.00	37.89 0.51 0.00	49.80 1.11 0.00	52.73 1.78 0.00	55.36 1.88 0.00	53.22 2.17 0.00	62.17 3.60 0.00	60.29 4.86 0.00	63.97 5.27 0.00	63.45 4.25 0.00	67.09 3.95 0.00	88.27 5.25 0.00	79.42 5.19 0.00	67.60 3.57 0.00	53.03 2.74 0.00	53.85 3.65 0.00	50.99 3.54 0.00	51.67 3.92 0.00	54.80 4.02 0.00	53.16 3.16 0.00	59.67 3.29 0.00
ERIE_WT_PWR 323693	55.56 2.54 0.00	53.89 1.58 0.00	52.17 0.98 0.00	41.09 0.47 0.00	37.89 0.51 0.00	49.81 1.12 0.00	52.72 1.76 0.00	55.30 1.83 0.00	53.13 2.08 0.00	62.05 3.48 0.00	60.13 4.73 0.03	63.76 5.06 0.00	63.13 3.93 0.00	66.74 3.60 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.99 2.97 0.00	52.44 2.15 0.00	53.27 3.08 0.00	50.48 3.03 0.00	50.89 3.50 0.35	45.50 3.67 8.95	52.95 2.95 0.00	59.52 3.14 0.00
ESPRGFLD_115KV_TB1 80157	55.69 2.67 0.00	54.86 2.54 0.00	53.55 2.36 0.00	42.48 1.85 0.00	39.05 1.67 0.00	50.97 2.27 0.00	53.41 2.46 0.00	55.96 2.48 0.00	53.23 2.18 0.00	61.40 2.83 0.00	58.39 2.96 0.00	62.15 3.45 0.00	62.32 3.11 0.00	66.09 2.96 0.00	87.31 4.28 0.00	78.11 3.88 0.00	67.36 3.34 0.00	52.96 2.66 0.00	53.12 2.94 0.00	50.47 3.03 0.00	50.74 3.00 0.00	53.84 3.06 0.00	52.77 2.78 0.00	59.33 2.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.41 1.38 0.00	53.41 1.10 0.00	52.20 1.00 0.00	41.37 0.75 0.00	38.14 0.75 0.00	49.67 0.97 0.00	52.14 1.19 0.00	54.80 1.32 0.00	52.28 1.23 0.00	60.42 1.57 -0.28	57.71 2.20 -0.08	61.73 2.70 -0.33	61.23 2.03 0.00	65.01 1.87 0.00	85.66 2.64 0.00	76.86 2.63 0.00	66.40 2.38 0.00	52.47 2.18 0.00	52.67 2.48 0.00	50.00 2.55 0.00	50.35 2.54 -0.07	53.29 2.51 0.00	51.92 1.88 -0.05	58.67 1.78 -0.51
ETNA____115KV_TB2 80207	54.41 1.38 0.00	53.41 1.10 0.00	52.20 1.00 0.00	41.37 0.75 0.00	38.14 0.75 0.00	49.67 0.97 0.00	52.14 1.19 0.00	54.80 1.32 0.00	52.28 1.23 0.00	60.42 1.57 -0.28	57.71 2.20 -0.08	61.73 2.70 -0.33	61.23 2.03 0.00	65.01 1.87 0.00	85.66 2.64 0.00	76.86 2.63 0.00	66.40 2.38 0.00	52.47 2.18 0.00	52.67 2.48 0.00	50.00 2.55 0.00	50.35 2.54 -0.07	53.29 2.51 0.00	51.92 1.88 -0.05	58.67 1.78 -0.51
EUCLID___115KV_TB2 356179	52.54 -0.49 0.00	51.64 -0.68 0.00	50.44 -0.75 0.00	39.99 -0.63 0.00	36.82 -0.56 0.00	47.97 -0.73 0.00	50.35 -0.61 0.00	52.85 -0.62 0.00	50.55 -0.50 0.00	58.49 -0.31 -0.23	55.75 0.26 -0.06	59.44 0.48 -0.27	59.49 0.28 0.00	63.35 0.21 0.00	83.33 0.31 0.00	74.55 0.32 0.00	64.13 0.11 0.00	50.40 0.11 0.00	50.46 0.27 0.00	47.78 0.34 0.00	48.12 0.32 -0.06	50.99 0.21 0.00	49.87 -0.16 -0.04	56.36 -0.44 -0.42
E_CANADA_CAP_HY 24051	56.13 3.11 0.00	55.23 2.92 0.00	53.86 2.66 0.00	42.70 2.08 0.00	39.22 1.84 0.00	51.25 2.55 0.00	53.78 2.82 0.00	56.05 2.57 0.00	52.86 1.81 0.00	60.71 2.14 0.00	57.40 1.96 0.00	61.26 2.56 0.00	61.48 2.28 0.00	65.45 2.32 0.00	86.96 3.93 0.00	77.41 3.18 0.00	66.88 2.86 0.00	52.57 2.28 0.00	52.93 2.74 0.00	50.39 2.94 0.00	50.77 3.03 0.00	53.86 3.08 0.00	52.94 2.95 0.00	59.57 3.18 0.00
E_CANADA_MHWK_HY 24050	53.67 0.65 0.00	53.03 0.73 0.00	52.19 0.99 0.00	41.43 0.80 0.00	38.23 0.85 0.00	49.72 1.02 0.00	51.72 0.77 0.00	54.07 0.59 0.00	51.15 0.10 0.00	57.79 -0.77 0.00	55.32 -0.11 0.00	59.73 1.03 0.00	61.10 1.89 0.00	65.92 2.79 0.00	87.68 4.66 0.00	76.95 2.72 0.00	67.02 3.00 0.00	52.68 2.39 0.00	53.13 2.94 0.00	50.06 2.61 0.00	50.34 2.60 0.00	53.41 2.63 0.00	51.76 1.76 0.00	57.75 1.37 0.00
E_FISHKILL___LBMP 23776	53.33 0.30 0.00	52.89 0.58 0.00	51.90 0.71 0.00	41.21 0.59 0.00	37.92 0.54 0.00	49.24 0.54 0.00	51.44 0.49 0.00	54.07 0.59 0.00	51.89 0.84 0.00	59.56 0.99 0.00	57.24 1.80 0.00	61.46 2.77 0.00	62.26 3.06 0.00	66.60 3.47 0.00	87.71 4.68 0.00	78.33 4.10 0.00	67.82 3.80 0.00	53.20 2.90 0.00	52.57 2.38 0.00	49.52 2.07 0.00	49.56 1.82 0.00	52.16 1.38 0.00	50.99 0.99 0.00	56.98 0.59 0.00
FALCON___SEABRD_CC1 323796	53.59 0.57 0.00	52.92 0.61 0.00	51.60 0.40 0.00	40.89 0.26 0.00	37.63 0.25 0.00	49.12 0.42 0.00	51.52 0.57 0.00	54.39 0.91 0.00	51.97 0.92 0.00	59.49 0.92 0.00	54.75 -0.68 0.00	57.23 -1.47 0.00	57.90 -1.30 0.00	61.48 -1.65 0.00	81.21 -1.82 0.00	72.65 -1.58 0.00	62.64 -1.39 0.00	49.49 -0.80 0.00	49.54 -0.65 0.00	46.74 -0.71 0.00	47.20 -0.54 0.00	50.66 -0.12 0.00	50.27 0.27 0.00	56.94 0.55 0.00
FALCON___SEABRD_CC2 323797	53.59 0.57 0.00	52.92 0.61 0.00	51.60 0.40 0.00	40.89 0.26 0.00	37.63 0.25 0.00	49.12 0.42 0.00	51.52 0.57 0.00	54.39 0.91 0.00	51.97 0.92 0.00	59.49 0.92 0.00	54.75 -0.68 0.00	57.23 -1.47 0.00	57.90 -1.30 0.00	61.48 -1.65 0.00	81.21 -1.82 0.00	72.65 -1.58 0.00	62.64 -1.39 0.00	49.49 -0.80 0.00	49.54 -0.65 0.00	46.74 -0.71 0.00	47.20 -0.54 0.00	50.66 -0.12 0.00	50.27 0.27 0.00	56.94 0.55 0.00

FAR ROCKAWAY___4 23548	55.11 2.08 0.00	54.69 2.38 0.00	53.40 2.20 0.00	42.39 1.76 0.00	38.94 1.56 0.00	50.64 1.94 0.00	52.94 1.98 0.00	55.54 2.07 0.00	53.30 2.25 0.00	61.26 2.69 0.00	59.13 3.69 0.00	63.53 4.83 0.00	64.25 5.05 0.00	68.57 5.43 0.00	90.38 7.35 0.00	80.78 6.55 0.00	69.72 5.70 0.00	54.68 4.39 0.00	53.79 3.60 0.00	50.73 3.28 0.00	50.89 3.15 0.00	53.38 2.59 0.00	52.13 2.13 0.00	57.91 1.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.73 0.71 0.00	53.38 1.06 0.00	52.40 1.21 0.00	41.70 1.08 0.00	38.34 0.96 0.00	49.69 0.99 0.00	51.93 0.97 0.00	54.60 1.11 0.00	52.52 1.47 0.00	60.40 1.83 0.00	58.23 2.79 0.00	62.57 3.87 0.00	63.27 4.07 0.00	67.66 4.52 0.00	89.11 6.08 0.00	79.70 5.47 0.00	68.99 4.97 0.00	54.03 3.74 0.00	53.31 3.12 0.00	50.25 2.80 0.00	50.28 2.54 0.00	52.78 1.99 0.00	51.62 1.63 0.00	57.50 1.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.76 0.74 0.00	53.39 1.08 0.00	52.42 1.22 0.00	41.71 1.09 0.00	38.35 0.97 0.00	49.70 1.00 0.00	51.94 0.98 0.00	54.61 1.13 0.00	52.52 1.47 0.00	60.40 1.84 0.00	58.24 2.80 0.00	62.58 3.88 0.00	63.28 4.07 0.00	67.67 4.53 0.00	89.12 6.09 0.00	79.71 5.48 0.00	69.00 4.98 0.00	54.03 3.74 0.00	53.32 3.14 0.00	50.27 2.82 0.00	50.30 2.55 0.00	52.80 2.01 0.00	51.64 1.65 0.00	57.54 1.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.68 0.66 0.00	53.34 1.03 0.00	52.37 1.17 0.00	41.67 1.05 0.00	38.31 0.93 0.00	49.65 0.95 0.00	51.88 0.93 0.00	54.56 1.08 0.00	52.47 1.42 0.00	60.35 1.78 0.00	58.18 2.75 0.00	62.51 3.81 0.00	63.22 4.01 0.00	67.59 4.46 0.00	89.03 6.00 0.00	79.63 5.40 0.00	68.92 4.90 0.00	53.98 3.69 0.00	53.26 3.07 0.00	50.20 2.75 0.00	50.22 2.48 0.00	52.72 1.94 0.00	51.57 1.57 0.00	57.45 1.07 0.00
FARRAGUT___LBMP 323566	53.63 0.61 0.00	53.29 0.98 0.00	52.32 1.12 0.00	41.63 1.01 0.00	38.27 0.89 0.00	49.60 0.90 0.00	51.83 0.87 0.00	54.49 1.01 0.00	52.41 1.36 0.00	60.27 1.71 0.00	58.08 2.65 0.00	62.42 3.72 0.00	63.12 3.92 0.00	67.49 4.35 0.00	88.88 5.85 0.00	79.50 5.27 0.00	68.82 4.81 0.00	53.91 3.62 0.00	53.19 3.00 0.00	50.15 2.70 0.00	50.17 2.43 0.00	52.66 1.88 0.00	51.52 1.53 0.00	57.39 1.01 0.00
FENNER___WINDPWR 24204	54.52 1.50 0.00	53.61 1.30 0.00	52.41 1.22 0.00	41.53 0.90 0.00	38.20 0.83 0.00	49.81 1.11 0.00	52.29 1.34 0.00	54.89 1.41 0.00	52.32 1.27 0.00	60.57 1.79 -0.21	57.69 2.19 -0.06	61.39 2.44 -0.25	61.20 2.00 0.00	65.00 1.87 0.00	85.39 2.36 0.00	76.45 2.22 0.00	66.01 1.99 0.00	52.03 1.74 0.00	52.11 1.92 0.00	49.53 2.08 0.00	49.87 2.07 -0.05	52.85 2.07 0.00	51.82 1.79 -0.04	58.53 1.76 -0.39
FIBERTEK___ENERGY 23856	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
FITZPATRICK___ 23598	51.64 -1.39 0.00	50.81 -1.51 0.00	49.65 -1.55 0.00	39.38 -1.24 0.00	36.26 -1.12 0.00	47.23 -1.46 0.00	49.54 -1.42 0.00	51.97 -1.51 0.00	49.65 -1.40 0.00	54.39 -1.43 2.75	53.69 -0.98 0.77	54.57 -0.87 3.25	58.19 -1.01 0.00	62.00 -1.14 0.00	81.47 -1.56 0.00	72.87 -1.36 0.00	62.74 -1.28 0.00	49.31 -0.98 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.33 -0.75 0.66	49.89 -0.89 0.00	48.42 -1.13 0.45	49.86 -1.45 5.07
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.27 1.25 0.00	53.80 1.48 0.00	52.75 1.55 0.00	41.86 1.23 0.00	38.50 1.12 0.00	49.99 1.29 0.00	52.29 1.34 0.00	55.00 1.53 0.00	52.87 1.83 0.00	60.84 2.27 0.00	58.58 3.15 0.00	62.94 4.24 0.00	63.84 4.64 0.00	68.32 5.19 0.00	90.08 7.05 0.00	80.50 6.27 0.00	69.45 5.43 0.00	54.38 4.08 0.00	53.77 3.58 0.00	50.64 3.19 0.00	50.67 2.93 0.00	53.30 2.52 0.00	51.99 1.99 0.00	58.09 1.71 0.00
FORT ORANGE___ 23900	52.57 -0.45 0.00	52.01 -0.30 0.00	51.13 -0.07 0.00	40.58 -0.04 0.00	37.38 0.00 0.00	48.58 -0.11 0.00	50.50 -0.45 0.00	52.82 -0.66 0.00	50.41 -0.64 0.00	57.57 -1.00 0.00	54.81 -0.63 0.00	58.60 -0.10 0.00	59.38 0.18 0.00	63.58 0.44 0.00	84.05 1.03 0.00	74.74 0.52 0.00	64.48 0.46 0.00	50.83 0.54 0.00	50.56 0.37 0.00	47.69 0.24 0.00	47.94 0.19 0.00	50.73 -0.05 0.00	49.61 -0.39 0.00	55.58 -0.81 0.00
FORT_DRUM_COGEN 23780	57.81 4.79 0.00	56.44 4.13 0.00	55.10 3.91 0.00	43.69 3.07 0.00	39.70 2.33 0.00	52.10 3.40 0.00	54.96 4.01 0.00	57.54 4.07 0.00	54.05 3.00 0.00	64.07 5.14 -0.37	60.58 5.04 -0.10	64.21 5.08 -0.43	63.27 4.06 0.00	66.63 3.50 0.00	86.61 3.58 0.00	77.79 3.57 0.00	67.37 3.35 0.00	53.03 2.74 0.00	53.47 3.28 0.00	51.92 4.47 0.00	52.72 4.90 -0.09	55.45 4.67 0.00	53.90 3.84 -0.06	61.15 4.09 -0.67
FOX_HILLS___ESR 323835	53.45 0.43 0.00	53.12 0.81 0.00	51.86 0.94 0.28	41.60 0.98 0.00	38.18 0.80 0.00	49.31 0.62 0.00	51.49 0.57 0.04	53.41 0.57 0.64	52.02 1.05 0.08	57.31 1.01 2.27	52.68 1.92 4.67	60.50 3.06 1.26	62.45 3.24 0.00	67.01 3.88 0.00	88.13 5.10 0.00	79.11 4.88 0.00	68.67 4.65 0.00	53.78 3.48 0.00	53.05 2.86 0.00	50.27 2.81 -0.01	50.11 2.36 0.00	52.41 1.63 0.00	51.41 1.41 0.00	57.05 0.67 0.00
FPL_FAR_ROCK_GT1 24212	55.11 2.08 0.00	54.69 2.37 0.00	53.40 2.20 0.00	42.38 1.76 0.00	38.94 1.56 0.00	50.64 1.94 0.00	52.93 1.98 0.00	55.54 2.07 0.00	53.30 2.25 0.00	61.26 2.70 0.00	59.12 3.69 0.00	63.52 4.83 0.00	64.25 5.05 0.00	68.57 5.43 0.00	90.38 7.35 0.00	80.78 6.55 0.00	69.68 5.66 0.00	54.68 4.39 0.00	53.80 3.61 0.00	50.73 3.28 0.00	50.88 3.14 0.00	53.38 2.59 0.00	52.12 2.12 0.00	57.86 1.48 0.00
FPL_FAR_ROCK_GT2 23815	55.11 2.08 0.00	54.69 2.37 0.00	53.40 2.20 0.00	42.38 1.76 0.00	38.94 1.56 0.00	50.64 1.94 0.00	52.93 1.98 0.00	55.54 2.07 0.00	53.30 2.25 0.00	61.26 2.70 0.00	59.12 3.69 0.00	63.52 4.83 0.00	64.25 5.05 0.00	68.57 5.43 0.00	90.38 7.35 0.00	80.78 6.55 0.00	69.68 5.66 0.00	54.68 4.39 0.00	53.80 3.61 0.00	50.73 3.28 0.00	50.88 3.14 0.00	53.38 2.59 0.00	52.12 2.12 0.00	57.86 1.48 0.00
FRANKLIN_FALL_HYD 24054	54.84 1.82 0.00	54.07 1.76 0.00	52.71 1.51 0.00	41.78 1.16 0.00	38.39 1.01 0.00	50.19 1.49 0.00	52.63 1.68 0.00	55.25 1.77 0.00	52.71 1.66 0.00	60.69 2.12 0.00	55.93 0.50 0.00	58.32 -0.38 0.00	58.73 -0.48 0.00	62.34 -0.79 0.00	81.94 -1.08 0.00	73.38 -0.85 0.00	63.32 -0.70 0.00	49.98 -0.31 0.00	50.07 -0.12 0.00	47.38 -0.07 0.00	47.98 0.24 0.00	51.41 0.62 0.00	51.16 1.16 0.00	57.95 1.57 0.00

FREESPORT_EQUUS_GT1 23764	54.47 1.45 0.00	54.13 1.82 0.00	52.82 1.62 0.00	41.92 1.30 0.00	38.50 1.13 0.00	50.05 1.35 0.00	52.35 1.39 0.00	54.93 1.45 0.00	52.62 1.57 0.00	60.42 1.86 0.00	58.08 2.64 0.00	62.42 3.72 0.00	63.38 4.18 0.00	67.64 4.50 0.00	89.05 6.02 0.00	79.29 5.06 0.00	68.86 4.84 0.00	54.47 4.18 0.00	53.54 3.35 0.00	50.42 2.97 0.00	50.23 2.49 0.00	52.81 2.03 0.00	51.57 1.57 0.00	44.96 0.84 12.26
FREEPORT___CT2 23818	54.47 1.45 0.00	54.13 1.82 0.00	52.82 1.62 0.00	41.92 1.30 0.00	38.50 1.13 0.00	50.05 1.35 0.00	52.35 1.39 0.00	54.93 1.45 0.00	52.62 1.57 0.00	60.42 1.86 0.00	58.08 2.64 0.00	62.42 3.72 0.00	63.38 4.18 0.00	67.64 4.50 0.00	89.05 6.02 0.00	79.29 5.06 0.00	68.86 4.84 0.00	54.47 4.18 0.00	53.54 3.35 0.00	50.42 2.97 0.00	50.23 2.49 0.00	52.81 2.03 0.00	51.57 1.57 0.00	44.96 0.84 12.26
FRESHKLS_33_KV_LOAD 356253	53.46 0.44 0.00	53.11 0.80 0.00	51.76 0.85 0.29	41.58 0.95 0.00	38.15 0.77 0.00	49.27 0.57 0.00	51.44 0.53 0.04	53.33 0.50 0.64	51.99 1.01 0.08	57.23 0.93 2.27	52.59 1.82 4.67	60.44 3.00 1.26	62.43 3.23 0.00	67.01 3.88 0.00	88.13 5.10 0.00	79.22 4.99 0.00	68.83 4.81 0.00	53.89 3.60 0.00	53.18 2.99 0.00	50.40 2.95 -0.01	50.21 2.47 0.00	52.43 1.65 0.00	51.45 1.45 0.00	57.00 0.62 0.00
FULTON COGEN____ 23766	52.42 -0.60 0.00	51.50 -0.81 0.00	50.33 -0.87 0.00	39.91 -0.71 0.00	36.74 -0.64 0.00	47.85 -0.85 0.00	50.25 -0.70 0.00	52.74 -0.74 0.00	50.41 -0.64 0.00	59.00 -0.46 -0.89	55.73 0.05 -0.25	59.98 0.22 -1.06	59.27 0.07 0.00	63.02 -0.11 0.00	83.01 -0.02 0.00	74.28 0.04 0.00	63.93 -0.09 0.00	50.21 -0.08 0.00	50.32 0.13 0.00	47.65 0.20 0.00	48.17 0.22 -0.21	50.88 0.09 0.00	49.89 -0.26 -0.15	57.41 -0.62 -1.64
FULTON___LFGE 323630	56.12 3.10 0.00	55.25 2.94 0.00	53.96 2.76 0.00	42.76 2.13 0.00	39.34 1.96 0.00	51.34 2.64 0.00	53.81 2.85 0.00	56.01 2.53 0.00	52.45 1.40 0.00	59.64 1.07 0.00	56.51 1.07 0.00	60.51 1.81 0.00	61.04 1.83 0.00	65.53 2.39 0.00	87.79 4.77 0.00	77.42 3.19 0.00	67.09 3.07 0.00	52.76 2.46 0.00	53.48 3.29 0.00	50.91 3.47 0.00	51.33 3.59 0.00	54.37 3.59 0.00	53.25 3.25 0.00	59.73 3.34 0.00
G.F.CEMENT___DRP 24184	55.02 1.99 0.00	54.30 1.99 0.00	53.23 2.03 0.00	42.11 1.48 0.00	39.02 1.64 0.00	50.93 2.23 0.00	53.36 2.40 0.00	56.19 2.71 0.00	53.47 2.42 0.00	60.71 2.15 0.00	57.47 2.03 0.00	61.60 2.91 0.00	62.59 3.38 0.00	66.99 3.86 0.00	88.81 5.78 0.00	78.90 4.67 0.00	68.37 4.35 0.00	53.76 3.46 0.00	53.89 3.70 0.00	50.77 3.32 0.00	51.07 3.33 0.00	54.02 3.24 0.00	52.60 2.61 0.00	58.87 2.49 0.00
GARDENVILLE___LBMP 24039	55.37 2.34 0.00	53.70 1.38 0.00	51.99 0.79 0.00	40.93 0.31 0.00	37.75 0.37 0.00	49.68 0.98 0.00	52.56 1.61 0.00	55.10 1.62 0.00	52.94 1.89 0.00	61.81 3.24 0.00	59.92 4.48 0.00	63.54 4.84 0.00	62.89 3.69 0.00	66.47 3.34 0.00	87.32 4.29 0.00	78.51 4.28 0.00	66.70 2.67 0.00	52.20 1.90 0.00	53.02 2.83 0.00	50.26 2.81 0.00	51.01 3.27 0.00	54.23 3.44 0.00	52.73 2.74 0.00	59.30 2.91 0.00
GARDNVLA_35_KV_LD 355827	55.67 2.65 0.00	54.00 1.69 0.00	52.27 1.08 0.00	41.15 0.53 0.00	37.93 0.56 0.00	49.90 1.20 0.00	52.81 1.86 0.00	55.38 1.90 0.00	53.23 2.19 0.00	62.17 3.60 0.00	60.32 4.88 0.00	63.98 5.28 0.00	63.37 4.16 0.00	66.98 3.85 0.00	88.04 5.02 0.00	79.17 4.95 0.00	67.27 3.25 0.00	52.65 2.36 0.00	53.46 3.27 0.00	50.66 3.21 0.00	51.39 3.65 0.00	54.59 3.81 0.00	53.08 3.08 0.00	59.66 3.28 0.00
GELCKHM__115KV_LOAD 80723	52.69 -0.34 0.00	51.78 -0.53 0.00	50.57 -0.63 0.00	40.10 -0.52 0.00	36.90 -0.48 0.00	48.07 -0.63 0.00	50.45 -0.50 0.00	52.99 -0.49 0.00	50.66 -0.39 0.00	58.79 -0.09 -0.32	56.02 0.50 -0.09	59.81 0.73 -0.38	59.73 0.53 0.00	63.59 0.45 0.00	83.67 0.65 0.00	74.81 0.58 0.00	64.29 0.27 0.00	50.51 0.21 0.00	50.57 0.38 0.00	47.90 0.45 0.00	48.23 0.41 -0.08	51.10 0.32 0.00	49.98 -0.07 -0.05	56.63 -0.34 -0.59
GENERAL___MILLS 23808	55.51 2.49 0.00	53.86 1.55 0.00	52.15 0.95 0.00	41.06 0.44 0.00	37.86 0.48 0.00	49.79 1.10 0.00	52.69 1.74 0.00	55.25 1.77 0.00	53.09 2.05 0.00	61.99 3.43 0.00	60.11 4.68 0.00	63.75 5.05 0.00	63.12 3.92 0.00	66.73 3.59 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.97 2.94 0.00	52.42 2.13 0.00	53.24 3.05 0.00	50.45 3.00 0.00	51.20 3.46 0.00	54.42 3.64 0.00	52.92 2.92 0.00	59.50 3.11 0.00
GE_PLASTICS___DRP 24183	52.10 -0.92 0.00	51.57 -0.74 0.00	50.70 -0.50 0.00	40.26 -0.36 0.00	37.07 -0.31 0.00	48.21 -0.49 0.00	50.22 -0.74 0.00	52.71 -0.77 0.00	50.34 -0.71 0.00	57.63 -0.94 0.00	54.95 -0.49 0.00	58.72 0.02 0.00	59.46 0.26 0.00	63.55 0.41 0.00	83.65 0.63 0.00	74.48 0.25 0.00	64.36 0.34 0.00	50.65 0.36 0.00	50.36 0.17 0.00	47.49 0.04 0.00	47.72 -0.02 0.00	50.55 -0.24 0.00	49.49 -0.51 0.00	55.49 -0.89 0.00
GILBOA___1 23756	53.00 -0.02 0.00	52.62 0.30 0.00	51.97 0.77 0.00	41.36 0.74 0.00	38.09 0.71 0.00	49.52 0.83 0.00	51.23 0.27 0.00	53.75 0.27 0.00	51.23 0.18 0.00	58.79 0.22 0.00	56.17 0.74 0.00	60.05 1.35 0.00	60.71 1.50 0.00	64.73 1.60 0.00	84.87 1.84 0.00	75.48 1.25 0.00	65.28 1.26 0.00	51.31 1.01 0.00	51.08 0.89 0.00	48.23 0.78 0.00	48.45 0.70 0.00	51.53 0.75 0.00	50.41 0.42 0.00	56.54 0.15 0.00
GILBOA___2 23757	53.00 -0.02 0.00	52.62 0.30 0.00	51.97 0.77 0.00	41.36 0.74 0.00	38.09 0.71 0.00	49.52 0.83 0.00	51.23 0.27 0.00	53.75 0.27 0.00	51.23 0.18 0.00	58.79 0.22 0.00	56.17 0.74 0.00	60.05 1.35 0.00	60.71 1.50 0.00	64.73 1.60 0.00	84.87 1.84 0.00	75.48 1.25 0.00	65.28 1.26 0.00	51.31 1.01 0.00	51.08 0.89 0.00	48.23 0.78 0.00	48.45 0.70 0.00	51.53 0.75 0.00	50.41 0.42 0.00	56.54 0.15 0.00
GILBOA___3 23758	53.00 -0.02 0.00	52.62 0.30 0.00	51.97 0.77 0.00	41.36 0.74 0.00	38.09 0.71 0.00	49.52 0.83 0.00	51.23 0.27 0.00	53.75 0.27 0.00	51.23 0.18 0.00	58.79 0.22 0.00	56.17 0.74 0.00	60.05 1.35 0.00	60.71 1.50 0.00	64.73 1.60 0.00	84.87 1.84 0.00	75.48 1.25 0.00	65.28 1.26 0.00	51.31 1.01 0.00	51.08 0.89 0.00	48.23 0.78 0.00	48.45 0.70 0.00	51.53 0.75 0.00	50.41 0.42 0.00	56.54 0.15 0.00
GILBOA___4 23759	53.00 -0.02 0.00	52.62 0.30 0.00	51.97 0.77 0.00	41.36 0.74 0.00	38.09 0.71 0.00	49.52 0.83 0.00	51.23 0.27 0.00	53.75 0.27 0.00	51.23 0.18 0.00	58.79 0.22 0.00	56.17 0.74 0.00	60.05 1.35 0.00	60.71 1.50 0.00	64.73 1.60 0.00	84.87 1.84 0.00	75.48 1.25 0.00	65.28 1.26 0.00	51.31 1.01 0.00	51.08 0.89 0.00	48.23 0.78 0.00	48.45 0.70 0.00	51.53 0.75 0.00	50.41 0.42 0.00	56.54 0.15 0.00

GILBOA____ 23599	53.00 -0.02 0.00	52.61 0.30 0.00	51.97 0.77 0.00	41.36 0.74 0.00	38.09 0.71 0.00	49.53 0.83 0.00	51.23 0.27 0.00	53.74 0.27 0.00	51.23 0.18 0.00	58.79 0.23 0.00	56.18 0.74 0.00	60.05 1.35 0.00	60.71 1.51 0.00	64.73 1.59 0.00	84.87 1.84 0.00	75.48 1.25 0.00	65.28 1.26 0.00	51.31 1.01 0.00	51.08 0.89 0.00	48.23 0.78 0.00	48.45 0.70 0.00	51.52 0.74 0.00	50.41 0.42 0.00	56.54 0.15 0.00
GINNA____ 23603	52.49 -0.54 0.00	51.21 -1.11 0.00	49.76 -1.44 0.00	39.35 -1.28 0.00	36.24 -1.14 0.00	47.49 -1.21 0.00	50.09 -0.86 0.00	52.59 -0.89 0.00	50.43 -0.62 0.00	58.51 -0.06 0.00	56.18 0.75 0.01	59.78 1.08 0.00	59.80 0.60 0.00	63.52 0.39 0.00	83.53 0.50 0.00	74.92 0.69 0.00	63.99 -0.03 0.00	50.19 -0.10 0.00	50.64 0.46 0.00	47.90 0.45 0.00	48.24 0.62 0.12	48.29 0.50 2.99	49.97 -0.03 0.00	55.96 -0.43 0.00
GLEN PARK____ 23778	58.25 5.23 0.00	56.82 4.51 0.00	55.47 4.27 0.00	43.97 3.34 0.00	39.96 2.59 0.00	52.48 3.78 0.00	55.40 4.44 0.00	57.96 4.48 0.00	54.57 3.52 0.00	64.67 5.72 -0.38	61.10 5.55 -0.11	64.78 5.63 -0.46	63.79 4.59 0.00	67.18 4.05 0.00	87.19 4.16 0.00	78.26 4.03 0.00	67.83 3.81 0.00	53.40 3.11 0.00	53.85 3.66 0.00	52.43 4.98 0.00	53.30 5.46 -0.09	56.02 5.24 0.00	54.40 4.33 -0.06	61.68 4.59 -0.71
GLENDALE_27_KV_LOAD 356172	53.78 0.75 0.00	53.49 1.18 0.00	52.53 1.33 0.00	41.84 1.22 0.00	38.43 1.05 0.00	49.70 1.00 0.00	52.02 1.06 0.00	54.68 1.20 0.00	52.69 1.64 0.00	60.37 1.80 0.00	58.14 2.70 0.00	62.47 3.77 0.00	63.08 3.88 0.00	67.51 4.37 0.00	88.88 5.85 0.00	79.55 5.32 0.00	68.94 4.92 0.00	53.99 3.70 0.00	53.21 3.02 0.00	50.33 2.88 0.00	50.28 2.54 0.00	52.76 1.98 0.00	51.70 1.70 0.00	57.46 1.08 0.00
GLENWOOD_IC_1_G5 23712	54.20 1.17 0.00	53.81 1.49 0.00	52.65 1.46 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.92 1.22 0.00	52.20 1.25 0.00	54.83 1.35 0.00	52.29 1.25 0.00	60.13 1.56 0.00	58.40 2.96 0.00	62.44 3.74 0.00	63.27 4.07 0.00	67.62 4.49 0.00	89.10 6.08 0.00	79.65 5.42 0.00	69.04 5.02 0.00	54.21 3.92 0.00	53.36 3.17 0.00	50.24 2.79 0.00	50.11 2.37 0.00	52.58 1.80 0.00	51.29 1.29 0.00	49.81 0.74 7.31
GLENWOOD_IC_2_G1 23688	53.92 0.90 0.00	53.52 1.21 0.00	52.44 1.24 0.00	41.66 1.04 0.00	38.29 0.92 0.00	49.72 1.02 0.00	51.98 1.03 0.00	54.60 1.12 0.00	52.35 1.30 0.00	60.17 1.60 0.00	58.05 2.62 0.00	62.35 3.65 0.00	63.16 3.96 0.00	67.50 4.37 0.00	88.90 5.88 0.00	79.48 5.25 0.00	68.84 4.82 0.00	54.06 3.77 0.00	53.28 3.10 0.00	50.21 2.76 0.00	50.14 2.40 0.00	52.65 1.87 0.00	51.40 1.40 0.00	57.23 0.85 0.00
GLENWOOD_IC_3_G1 23689	53.92 0.90 0.00	53.52 1.21 0.00	52.44 1.24 0.00	41.66 1.04 0.00	38.29 0.92 0.00	49.72 1.02 0.00	51.98 1.03 0.00	54.60 1.12 0.00	52.35 1.30 0.00	60.17 1.60 0.00	58.05 2.62 0.00	62.35 3.65 0.00	63.16 3.96 0.00	67.50 4.37 0.00	88.90 5.88 0.00	79.48 5.25 0.00	68.84 4.82 0.00	54.06 3.77 0.00	53.28 3.10 0.00	50.21 2.76 0.00	50.14 2.40 0.00	52.65 1.87 0.00	51.40 1.40 0.00	57.23 0.85 0.00
GLENWOOD____4 23550	54.20 1.17 0.00	53.81 1.49 0.00	52.65 1.46 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.92 1.22 0.00	52.20 1.25 0.00	54.83 1.36 0.00	52.42 1.37 0.00	60.28 1.71 0.00	58.41 2.97 0.00	62.56 3.86 0.00	63.41 4.21 0.00	67.78 4.65 0.00	89.30 6.27 0.00	79.84 5.61 0.00	69.20 5.18 0.00	54.35 4.05 0.00	53.48 3.29 0.00	50.37 2.92 0.00	50.24 2.50 0.00	52.72 1.94 0.00	51.42 1.42 0.00	49.94 0.87 7.31
GLENWOOD____5 23614	54.20 1.17 0.00	53.81 1.49 0.00	52.65 1.46 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.92 1.22 0.00	52.20 1.25 0.00	54.83 1.36 0.00	52.42 1.37 0.00	60.28 1.71 0.00	58.41 2.97 0.00	62.56 3.86 0.00	63.41 4.21 0.00	67.78 4.65 0.00	89.30 6.27 0.00	79.84 5.61 0.00	69.20 5.18 0.00	54.35 4.05 0.00	53.48 3.29 0.00	50.37 2.92 0.00	50.24 2.50 0.00	52.72 1.94 0.00	51.42 1.42 0.00	49.94 0.87 7.31
GLOBAL GREEN_PORT_GT1 23814	56.65 3.63 0.00	56.14 3.82 0.00	55.13 3.93 0.00	43.72 3.10 0.00	40.17 2.79 0.00	52.34 3.64 0.00	54.89 3.94 0.00	57.37 3.90 0.00	54.90 3.85 0.00	61.99 3.43 0.00	59.06 3.62 0.00	63.21 4.51 0.00	64.37 5.16 0.00	68.51 5.37 0.00	89.57 6.54 0.00	80.05 5.82 0.00	72.99 5.82 -3.15	55.26 4.96 0.00	54.09 3.89 0.00	50.66 3.21 0.00	51.72 3.98 0.00	53.95 3.17 0.00	52.49 2.50 0.00	34.94 2.41 23.85
GLOBE____DSASP 323697	54.10 1.08 0.00	52.55 0.24 0.00	50.88 -0.32 0.00	40.10 -0.52 0.00	36.98 -0.40 0.00	48.68 -0.02 0.00	51.47 0.52 0.00	53.86 0.38 0.00	51.77 0.72 0.00	60.48 1.91 0.00	58.76 3.33 0.00	62.32 3.63 0.00	61.52 2.32 0.00	64.95 1.81 0.00	85.19 2.17 0.00	76.65 2.42 0.00	64.74 0.72 0.00	50.40 0.11 0.00	50.98 0.79 0.00	48.11 0.66 0.00	49.16 1.42 0.00	52.64 1.86 0.00	51.23 1.23 0.00	57.67 1.29 0.00
GOETHSLN____LBMP 323567	53.30 0.28 0.00	52.92 0.61 0.00	51.70 0.79 0.28	41.40 0.78 0.00	38.05 0.67 0.00	49.27 0.57 0.00	51.45 0.54 0.04	53.47 0.63 0.64	51.96 0.99 0.08	54.74 1.28 5.11	52.19 2.28 5.52	60.49 3.32 1.52	62.52 3.53 0.22	66.96 3.95 0.12	88.34 5.32 0.01	79.02 4.80 0.00	68.40 4.38 0.00	53.59 3.30 0.00	52.89 2.70 0.00	49.93 2.48 0.00	49.93 2.19 0.00	52.33 1.55 0.00	51.21 1.21 0.00	56.99 0.61 0.01
GOLAH____69_KV_TB 1_2 80279	56.02 3.00 0.00	54.54 2.23 0.00	52.91 1.71 0.00	41.65 1.03 0.00	38.36 0.99 0.00	50.39 1.69 0.00	53.30 2.35 0.00	55.89 2.40 0.00	53.52 2.47 0.00	62.15 3.59 0.00	59.80 4.36 0.00	63.48 4.78 0.00	63.36 4.15 0.00	67.27 4.13 0.00	88.08 5.05 0.00	79.14 4.91 0.00	67.44 3.42 0.00	52.85 2.56 0.00	53.48 3.29 0.00	50.73 3.28 0.00	59.80 3.80 -8.26	54.70 3.92 0.00	53.32 3.32 0.00	59.81 3.43 0.00
GOODYEAR_LAKE_HYD 323669	54.68 1.65 0.00	53.99 1.68 0.00	52.87 1.67 0.00	41.97 1.35 0.00	38.63 1.25 0.00	50.35 1.65 0.00	52.59 1.63 0.00	55.21 1.73 0.00	52.77 1.72 0.00	60.79 2.23 0.00	58.11 2.67 0.00	61.98 3.28 0.00	62.40 3.19 0.00	66.33 3.19 0.00	87.31 4.28 0.00	78.00 3.77 0.00	67.32 3.30 0.00	52.91 2.62 0.00	52.88 2.69 0.00	50.09 2.64 0.00	50.28 2.54 0.00	53.30 2.52 0.00	52.09 2.09 0.00	58.48 2.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.42 0.39 0.00	52.56 0.25 0.00	51.48 0.28 0.00	40.81 0.19 0.00	37.61 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.61 0.56 0.00	59.65 0.89 -0.19	57.10 1.61 -0.06	60.99 2.06 -0.23	60.97 1.77 0.00	64.84 1.71 0.00	85.33 2.31 0.00	76.31 2.09 0.00	65.81 1.79 0.00	51.82 1.53 0.00	52.00 1.81 0.00	49.24 1.79 0.00	49.47 1.68 -0.05	52.44 1.66 0.00	50.99 0.96 -0.03	57.66 0.92 -0.36

GOUDEY___7 23579	53.42 0.39 0.00	52.56 0.25 0.00	51.48 0.28 0.00	40.81 0.19 0.00	37.61 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.61 0.56 0.00	59.65 0.89 -0.19	57.10 1.61 -0.06	60.99 2.06 -0.23	60.97 1.77 0.00	64.84 1.71 0.00	85.33 2.31 0.00	76.31 2.09 0.00	65.81 1.79 0.00	51.82 1.53 0.00	52.00 1.81 0.00	49.24 1.79 0.00	49.47 1.68 -0.05	52.44 1.66 0.00	50.99 0.96 -0.03	57.66 0.92 -0.36
GOUDEY___8 23580	53.42 0.39 0.00	52.56 0.25 0.00	51.48 0.28 0.00	40.81 0.19 0.00	37.61 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.61 0.56 0.00	59.65 0.89 -0.19	57.10 1.61 -0.06	60.99 2.06 -0.23	60.97 1.77 0.00	64.84 1.71 0.00	85.33 2.31 0.00	76.31 2.09 0.00	65.81 1.79 0.00	51.82 1.53 0.00	52.00 1.81 0.00	49.24 1.79 0.00	49.47 1.68 -0.05	52.44 1.66 0.00	50.99 0.96 -0.03	57.66 0.92 -0.36
GOWANUS_GT1_1 24077	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_2 24078	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 -0.88 0.00
GOWANUS_GT1_3 24079	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_4 24080	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_5 24084	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_6 24111	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_7 24112	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT1_8 24113	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT2_1 24114	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_2 24115	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_3 24116	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_4 24117	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_5 24118	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00

GOWANUS_GT2_6 24119	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_7 24120	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT2_8 24121	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_1 24122	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_2 24123	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_3 24124	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_4 24125	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_5 24126	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_6 24127	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_7 24128	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT3_8 24129	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
GOWANUS_GT4_1 24130	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_2 24131	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_3 24132	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_4 24133	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00

GOWANUS_GT4_5 24134	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_6 24135	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_7 24136	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GOWANUS_GT4_8 24137	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GREATVRV_69_KV_BK1 356245	55.34 2.31 0.00	55.13 2.82 0.00	53.75 2.55 0.00	42.63 2.01 0.00	39.13 1.75 0.00	50.91 2.21 0.00	53.37 2.42 0.00	55.94 2.46 0.00	53.51 2.46 0.00	61.26 2.70 0.00	59.14 3.70 0.00	63.39 4.69 0.00	64.49 5.28 0.00	68.72 5.58 0.00	90.38 7.35 0.00	80.54 6.31 0.00	72.29 6.25 -2.02	55.59 5.30 0.00	54.60 4.41 0.00	51.38 3.93 0.00	51.13 3.39 0.00	53.34 2.56 0.00	52.14 2.15 0.00	34.76 1.42 23.04
GREENBSH_115KV_TB3 55895	52.22 -0.80 0.00	51.69 -0.62 0.00	50.83 -0.37 0.00	40.35 -0.27 0.00	37.17 -0.21 0.00	48.35 -0.35 0.00	50.37 -0.58 0.00	52.85 -0.63 0.00	50.50 -0.55 0.00	57.78 -0.78 0.00	55.09 -0.35 0.00	58.91 0.21 0.00	59.65 0.45 0.00	63.76 0.62 0.00	83.93 0.90 0.00	74.65 0.43 0.00	64.55 0.53 0.00	50.87 0.58 0.00	50.58 0.39 0.00	47.68 0.23 0.00	47.91 0.17 0.00	50.72 -0.06 0.00	49.62 -0.38 0.00	55.62 -0.76 0.00
GREENDGE_115KV_TB5 80291	54.52 1.50 0.00	53.31 1.00 0.00	51.91 0.72 0.00	41.26 0.64 0.00	38.08 0.70 0.00	49.27 0.57 0.00	51.92 0.97 0.00	54.71 1.24 0.00	52.35 1.30 0.00	60.78 2.05 -0.17	58.35 2.87 -0.05	62.03 3.14 -0.19	61.51 2.31 0.00	65.08 1.95 0.00	85.72 2.70 0.00	77.20 2.98 0.00	66.24 2.21 0.00	52.22 1.92 0.00	52.79 2.60 0.00	50.28 2.83 0.00	50.70 2.92 -0.04	53.74 2.96 0.00	52.05 2.03 -0.03	58.58 1.89 -0.30
GREENIDGE___3 23582	54.52 1.50 0.00	53.31 1.00 0.00	51.91 0.72 0.00	41.26 0.64 0.00	38.08 0.70 0.00	49.27 0.57 0.00	51.92 0.97 0.00	54.71 1.24 0.00	52.35 1.30 0.00	60.78 2.05 -0.17	58.35 2.87 -0.05	62.03 3.14 -0.19	61.51 2.31 0.00	65.08 1.95 0.00	85.72 2.70 0.00	77.20 2.98 0.00	66.24 2.21 0.00	52.22 1.92 0.00	52.79 2.60 0.00	50.28 2.83 0.00	50.70 2.92 -0.04	53.74 2.96 0.00	52.05 2.03 -0.03	58.58 1.89 -0.30
GREENIDGE___4 23583	54.52 1.50 0.00	53.31 1.00 0.00	51.91 0.71 0.00	41.27 0.65 0.00	38.08 0.70 0.00	49.28 0.58 0.00	51.92 0.97 0.00	54.72 1.24 0.00	52.35 1.30 0.00	60.79 2.06 -0.17	58.36 2.88 -0.05	62.03 3.15 -0.19	61.51 2.31 0.00	65.08 1.95 0.00	85.72 2.69 0.00	77.21 2.98 0.00	66.24 2.22 0.00	52.22 1.93 0.00	52.79 2.60 0.00	50.28 2.83 0.00	50.85 2.92 -0.19	57.62 2.97 -3.87	52.05 2.03 -0.03	58.58 1.90 -0.30
GREENLWN_69_KV_BK 3 55738	53.50 0.48 0.00	53.59 1.28 0.00	52.30 1.11 0.00	41.50 0.88 0.00	38.12 0.73 0.00	49.54 0.84 0.00	51.87 0.91 0.00	54.29 0.81 0.00	51.75 0.70 0.00	59.14 0.58 0.00	57.01 1.57 0.00	61.08 2.39 0.00	62.10 2.90 0.00	66.25 3.12 0.00	87.26 4.24 0.00	77.96 3.73 0.00	66.49 3.75 1.28	53.41 3.12 0.00	52.41 2.22 0.00	49.37 1.93 0.00	49.15 1.41 0.00	51.35 0.57 0.00	50.22 0.22 0.00	32.52 -0.60 23.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00
GRISSOM___SOLAR 323813	55.90 2.88 0.00	55.06 2.75 0.00	53.82 2.62 0.00	42.65 2.03 0.00	39.24 1.86 0.00	51.19 2.50 0.00	53.62 2.66 0.00	55.81 2.33 0.00	52.14 1.09 0.00	59.08 0.51 0.00	56.02 0.59 0.00	59.96 1.26 0.00	60.53 1.32 0.00	65.17 2.04 0.00	87.58 4.55 0.00	77.02 2.79 0.00	66.79 2.77 0.00	52.53 2.23 0.00	53.32 3.13 0.00	50.76 3.31 0.00	51.21 3.46 0.00	54.22 3.44 0.00	53.07 3.08 0.00	59.53 3.15 0.00
GROVEVILLE___HYD 323602	54.27 1.25 0.00	53.80 1.48 0.00	52.75 1.55 0.00	41.86 1.23 0.00	38.50 1.12 0.00	49.99 1.29 0.00	52.29 1.34 0.00	55.00 1.53 0.00	52.87 1.83 0.00	60.84 2.27 0.00	58.58 3.15 0.00	62.94 4.24 0.00	63.84 4.64 0.00	68.32 5.19 0.00	90.08 7.05 0.00	80.50 6.27 0.00	69.45 5.43 0.00	54.38 4.08 0.00	53.77 3.58 0.00	50.64 3.19 0.00	50.67 2.93 0.00	53.30 2.52 0.00	51.99 1.99 0.00	58.09 1.71 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
HAMLTNNY_34_KV_TB 80303	53.84 0.82 0.00	52.80 0.49 0.00	51.50 0.30 0.00	40.79 0.16 0.00	37.58 0.19 0.00	48.99 0.29 0.00	51.45 0.50 0.00	54.08 0.60 0.00	51.71 0.66 0.00	60.23 1.20 -0.47	57.36 1.79 -0.13	61.35 2.10 -0.56	61.02 1.82 0.00	64.86 1.72 0.00	85.21 2.19 0.00	76.35 2.12 0.00	65.53 1.51 0.00	51.50 1.20 0.00	51.68 1.49 0.00	49.07 1.62 0.00	49.48 1.63 -0.11	52.38 1.60 0.00	51.18 1.10 -0.08	58.21 0.96 -0.86

HAMPSHIRE___PAPER_HYD 323593	55.99 2.96 0.00	55.08 2.76 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.62 1.57 0.00	61.42 2.70 -0.15	57.52 2.04 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.42 0.28 0.00	82.64 -0.38 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.55 0.26 0.00	50.75 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
HARDSCRABBLE_WT_PWR 323673	53.65 0.62 0.00	52.98 0.67 0.00	52.08 0.88 0.00	41.35 0.72 0.00	38.13 0.75 0.00	49.62 0.92 0.00	51.66 0.71 0.00	54.06 0.58 0.00	51.25 0.20 0.00	58.15 -0.42 0.00	55.54 0.10 0.00	59.72 1.02 0.00	60.90 1.70 0.00	65.49 2.36 0.00	86.98 3.95 0.00	76.69 2.45 0.00	66.63 2.62 0.00	52.39 2.10 0.00	52.71 2.52 0.00	49.68 2.24 0.00	49.96 2.22 0.00	53.04 2.26 0.00	51.54 1.54 0.00	57.59 1.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	54.03 1.01 0.00	53.43 1.12 0.00	52.36 1.17 0.00	41.57 0.95 0.00	38.22 0.84 0.00	49.63 0.93 0.00	51.90 0.94 0.00	54.59 1.11 0.00	52.42 1.37 0.00	60.34 1.77 0.00	58.14 2.70 0.00	62.59 3.89 0.00	63.38 4.18 0.00	67.89 4.76 0.00	89.53 6.51 0.00	79.91 5.69 0.00	69.05 5.03 0.00	54.12 3.83 0.00	53.52 3.33 0.00	50.41 2.96 0.00	50.40 2.66 0.00	52.97 2.18 0.00	51.68 1.68 0.00	57.76 1.38 0.00
HARSNRAD_115KV_TB1 81005	54.83 1.81 0.00	53.21 0.89 0.00	51.49 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.07 1.12 0.00	54.47 0.98 0.00	52.26 1.21 0.00	60.93 2.37 0.00	59.01 3.57 0.00	62.62 3.92 0.00	61.81 2.60 0.00	65.25 2.11 0.00	85.59 2.57 0.00	76.99 2.76 0.00	65.15 1.13 0.00	50.85 0.56 0.00	51.68 1.49 0.00	49.01 1.57 0.00	49.96 2.22 0.00	53.13 2.35 0.00	51.95 1.95 0.00	58.53 2.15 0.00
HARZA MOOSE___RIVER 24016	55.87 2.84 0.00	54.87 2.56 0.00	53.64 2.45 0.00	42.50 1.87 0.00	38.86 1.48 0.00	50.76 2.06 0.00	53.35 2.40 0.00	55.93 2.45 0.00	52.73 1.69 0.00	61.61 2.92 -0.13	58.57 3.10 -0.04	62.04 3.18 -0.16	61.90 2.70 0.00	65.43 2.30 0.00	85.62 2.59 0.00	76.72 2.50 0.00	66.36 2.34 0.00	52.32 2.03 0.00	52.57 2.37 0.00	50.24 2.79 0.00	50.71 2.93 -0.03	53.65 2.87 0.00	52.38 2.37 -0.02	59.17 2.55 -0.24
HDSNBRDG_115KV_BRDG_TB1 355580	52.75 -0.27 0.00	51.84 -0.48 0.00	50.64 -0.56 0.00	40.15 -0.48 0.00	36.96 -0.42 0.00	48.16 -0.54 0.00	50.55 -0.40 0.00	53.09 -0.39 0.00	50.79 -0.26 0.00	58.85 0.01 -0.27	56.11 0.60 -0.07	59.87 0.85 -0.32	59.84 0.64 0.00	63.72 0.58 0.00	83.85 0.83 0.00	75.03 0.80 0.00	64.58 0.55 0.00	50.73 0.44 0.00	50.79 0.61 0.00	48.11 0.66 0.00	48.43 0.62 -0.06	51.31 0.52 0.00	50.13 0.09 -0.04	56.70 -0.17 -0.50
HELLGATE_13_KV_LD 55870	53.92 0.90 0.00	53.63 1.32 0.00	52.68 1.48 0.00	41.96 1.34 0.00	38.53 1.15 0.00	49.81 1.11 0.00	52.17 1.22 0.00	54.84 1.36 0.00	52.86 1.81 0.00	60.55 1.98 0.00	58.32 2.89 0.00	62.66 3.97 0.00	63.28 4.08 0.00	67.73 4.60 0.00	89.15 6.12 0.00	79.78 5.55 0.00	69.15 5.13 0.00	54.16 3.87 0.00	53.39 3.20 0.00	50.51 3.07 0.00	50.41 2.67 0.00	52.88 2.10 0.00	51.83 1.83 0.00	57.60 1.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.92 0.90 0.00	53.63 1.32 0.00	52.68 1.48 0.00	41.96 1.34 0.00	38.53 1.15 0.00	49.81 1.11 0.00	52.17 1.22 0.00	54.84 1.36 0.00	52.86 1.81 0.00	60.55 1.98 0.00	58.32 2.89 0.00	62.66 3.97 0.00	63.28 4.08 0.00	67.73 4.60 0.00	89.15 6.12 0.00	79.78 5.55 0.00	69.15 5.13 0.00	54.16 3.87 0.00	53.39 3.20 0.00	50.51 3.07 0.00	50.41 2.67 0.00	52.88 2.10 0.00	51.83 1.83 0.00	57.60 1.22 0.00
HEMPSTEAD____ 23647	53.94 0.91 0.00	53.61 1.30 0.00	52.40 1.20 0.00	41.61 0.99 0.00	38.23 0.84 0.00	49.67 0.97 0.00	51.95 1.00 0.00	54.52 1.04 0.00	52.19 1.14 0.00	59.94 1.37 0.00	57.86 2.43 0.00	62.10 3.40 0.00	63.01 3.81 0.00	67.30 4.16 0.00	88.60 5.58 0.00	79.13 4.90 0.00	68.65 4.64 0.00	54.07 3.78 0.00	53.17 2.98 0.00	50.08 2.63 0.00	49.89 2.15 0.00	52.34 1.55 0.00	51.11 1.11 0.00	45.63 0.40 11.15
HICKLING___1 23621	54.14 1.12 0.00	53.02 0.71 0.00	51.79 0.60 0.00	40.96 0.34 0.00	37.76 0.38 0.00	49.08 0.38 0.00	51.66 0.71 0.00	54.51 1.03 0.00	52.20 1.15 0.00	60.48 1.75 -0.16	58.22 2.74 -0.05	61.99 3.10 -0.19	61.72 2.52 0.00	65.35 2.22 0.00	86.09 3.07 0.00	77.17 2.94 0.00	66.37 2.35 0.00	52.36 2.06 0.00	52.93 2.74 0.00	50.37 2.92 0.00	50.63 2.85 -0.04	53.75 2.97 0.00	51.88 1.85 -0.03	58.60 1.92 -0.30
HICKLING___2 23622	54.14 1.12 0.00	53.02 0.71 0.00	51.79 0.60 0.00	40.96 0.34 0.00	37.76 0.38 0.00	49.08 0.38 0.00	51.66 0.71 0.00	54.51 1.03 0.00	52.20 1.15 0.00	60.48 1.75 -0.16	58.22 2.74 -0.05	61.99 3.10 -0.19	61.72 2.52 0.00	65.35 2.22 0.00	86.09 3.07 0.00	77.17 2.94 0.00	66.37 2.35 0.00	52.36 2.06 0.00	52.93 2.74 0.00	50.37 2.92 0.00	50.63 2.85 -0.04	53.75 2.97 0.00	51.88 1.85 -0.03	58.60 1.92 -0.30
HIGH FALLS___HY 23754	54.51 1.49 0.00	53.91 1.60 0.00	52.80 1.60 0.00	41.92 1.30 0.00	38.54 1.16 0.00	50.06 1.36 0.00	52.33 1.37 0.00	55.10 1.62 0.00	52.88 1.83 0.00	60.95 2.38 0.00	58.74 3.30 0.00	63.14 4.45 0.00	64.01 4.81 0.00	68.23 5.10 0.00	90.26 7.24 0.00	80.85 6.62 0.00	69.60 5.58 0.00	54.47 4.18 0.00	53.87 3.69 0.00	50.77 3.32 0.00	50.80 3.05 0.00	53.71 2.93 0.00	52.34 2.34 0.00	58.46 2.08 0.00
HIGH_RIVER___SOLAR 323847	54.60 1.58 0.00	53.87 1.56 0.00	52.75 1.55 0.00	41.84 1.22 0.00	38.51 1.14 0.00	50.20 1.50 0.00	52.46 1.50 0.00	54.74 1.26 0.00	51.69 0.64 0.00	58.75 0.18 0.00	55.61 0.18 0.00	59.46 0.76 0.00	60.15 0.94 0.00	64.82 1.68 0.00	86.28 3.26 0.00	75.76 1.53 0.00	66.07 2.05 0.00	52.02 1.73 0.00	52.30 2.11 0.00	49.62 2.17 0.00	49.97 2.23 0.00	52.96 2.18 0.00	51.84 1.84 0.00	58.16 1.78 0.00
HILLBURN___GT 23639	53.62 0.60 0.00	53.06 0.75 0.00	52.03 0.83 0.00	41.32 0.70 0.00	37.99 0.61 0.00	49.30 0.60 0.00	51.57 0.61 0.00	54.24 0.76 0.00	52.04 0.99 0.00	59.90 1.33 0.00	57.70 2.26 0.00	62.11 3.42 0.00	62.89 3.69 0.00	67.35 4.21 0.00	88.67 5.64 0.00	79.33 5.10 0.00	68.68 4.66 0.00	53.84 3.55 0.00	53.20 3.01 0.00	50.13 2.68 0.00	50.10 2.36 0.00	52.60 1.82 0.00	51.32 1.32 0.00	57.29 0.91 0.00
HILLSIDE_115KV_TB1 80332	52.90 -0.12 0.00	51.91 -0.40 0.00	50.83 -0.36 0.00	40.23 -0.39 0.00	37.13 -0.26 0.00	48.29 -0.41 0.00	50.70 -0.25 0.00	53.46 -0.01 0.00	51.18 0.12 0.00	59.16 0.43 -0.17	56.90 1.42 -0.05	60.67 1.78 -0.20	60.57 1.37 0.00	64.19 1.05 0.00	84.54 1.51 0.00	75.72 1.49 0.00	65.26 1.24 0.00	51.44 1.14 0.00	51.90 1.71 0.00	49.30 1.85 0.00	49.42 1.64 -0.04	52.48 1.70 0.00	50.67 0.64 -0.03	57.37 0.68 -0.31

HISHELDN_WT_PWR 323625	54.94 1.92 0.00	53.35 1.04 0.00	51.69 0.49 0.00	40.71 0.09 0.00	37.47 0.09 0.00	49.07 0.37 0.00	52.03 1.08 0.00	54.57 1.09 0.00	52.42 1.37 0.00	61.09 2.53 0.00	58.98 3.56 0.01	62.46 3.76 0.00	61.94 2.74 0.00	65.40 2.26 0.00	85.89 2.87 0.00	77.15 2.93 0.00	65.60 1.58 0.00	51.45 1.16 0.00	52.38 2.20 0.00	49.88 2.43 0.00	50.50 2.93 0.17	49.50 3.11 4.39	52.35 2.36 0.00	58.86 2.48 0.00
HOLTSVILLE_IC_1 23690	54.29 1.27 0.00	54.22 1.90 0.00	52.90 1.70 0.00	41.98 1.35 0.00	38.53 1.15 0.00	50.12 1.42 0.00	52.52 1.57 0.00	54.95 1.47 0.00	52.50 1.45 0.00	60.00 1.43 0.00	57.87 2.44 0.00	61.94 3.24 0.00	62.96 3.77 0.00	67.00 3.87 0.00	88.14 5.11 0.00	78.54 4.31 0.00	71.36 4.39 -2.95	54.15 3.85 0.00	53.19 3.00 0.00	50.06 2.61 0.00	49.92 2.18 0.00	52.11 1.33 0.00	51.03 1.03 0.00	32.68 0.19 23.90
HOLTSVILLE_IC_10 23699	54.66 1.63 0.00	54.54 2.23 0.00	53.22 2.02 0.00	42.22 1.60 0.00	38.75 1.37 0.00	50.40 1.70 0.00	52.83 1.88 0.00	55.31 1.83 0.00	52.88 1.83 0.00	60.50 1.93 0.00	58.40 2.97 0.00	62.51 3.81 0.00	63.57 4.37 0.00	67.66 4.52 0.00	88.96 5.93 0.00	79.29 5.06 0.00	72.88 5.10 -3.76	54.69 4.40 -0.01	53.70 3.51 0.00	50.53 3.08 0.00	50.35 2.61 0.00	52.55 1.77 0.00	51.43 1.43 0.00	33.27 0.58 23.69
HOLTSVILLE_IC_2 23691	54.29 1.27 0.00	54.22 1.90 0.00	52.90 1.70 0.00	41.98 1.35 0.00	38.53 1.15 0.00	50.12 1.42 0.00	52.52 1.57 0.00	54.95 1.47 0.00	52.50 1.45 0.00	60.00 1.43 0.00	57.87 2.44 0.00	61.94 3.24 0.00	62.96 3.77 0.00	67.00 3.87 0.00	88.14 5.11 0.00	78.54 4.31 0.00	71.36 4.39 -2.95	54.15 3.85 0.00	53.19 3.00 0.00	50.06 2.61 0.00	49.92 2.18 0.00	52.11 1.33 0.00	51.03 1.03 0.00	32.68 0.19 23.90
HOLTSVILLE_IC_3 23692	54.29 1.27 0.00	54.22 1.90 0.00	52.90 1.70 0.00	41.98 1.35 0.00	38.53 1.15 0.00	50.12 1.42 0.00	52.52 1.57 0.00	54.95 1.47 0.00	52.50 1.45 0.00	60.00 1.43 0.00	57.87 2.44 0.00	61.94 3.24 0.00	62.96 3.77 0.00	67.00 3.87 0.00	88.14 5.11 0.00	78.54 4.31 0.00	71.36 4.39 -2.95	54.15 3.85 0.00	53.19 3.00 0.00	50.06 2.61 0.00	49.92 2.18 0.00	52.11 1.33 0.00	51.03 1.03 0.00	32.68 0.19 23.90
HOLTSVILLE_IC_4 23693	54.29 1.27 0.00	54.22 1.90 0.00	52.90 1.70 0.00	41.98 1.35 0.00	38.53 1.15 0.00	50.12 1.42 0.00	52.52 1.57 0.00	54.95 1.47 0.00	52.50 1.45 0.00	60.00 1.43 0.00	57.87 2.44 0.00	61.94 3.24 0.00	62.96 3.77 0.00	67.00 3.87 0.00	88.14 5.11 0.00	78.54 4.31 0.00	71.36 4.39 -2.95	54.15 3.85 0.00	53.19 3.00 0.00	50.06 2.61 0.00	49.92 2.18 0.00	52.11 1.33 0.00	51.03 1.03 0.00	32.68 0.19 23.90
HOLTSVILLE_IC_5 23694	54.29 1.27 0.00	54.22 1.90 0.00	52.90 1.70 0.00	41.98 1.35 0.00	38.53 1.15 0.00	50.12 1.42 0.00	52.52 1.57 0.00	54.95 1.47 0.00	52.50 1.45 0.00	60.00 1.43 0.00	57.87 2.44 0.00	61.94 3.24 0.00	62.96 3.77 0.00	67.00 3.87 0.00	88.14 5.11 0.00	78.54 4.31 0.00	71.36 4.39 -2.95	54.15 3.85 0.00	53.19 3.00 0.00	50.06 2.61 0.00	49.92 2.18 0.00	52.11 1.33 0.00	51.03 1.03 0.00	32.68 0.19 23.90
HOLTSVILLE_IC_6 23695	54.66 1.63 0.00	54.54 2.23 0.00	53.22 2.02 0.00	42.22 1.60 0.00	38.75 1.37 0.00	50.40 1.70 0.00	52.83 1.88 0.00	55.31 1.83 0.00	52.88 1.83 0.00	60.50 1.93 0.00	58.40 2.97 0.00	62.51 3.81 0.00	63.57 4.37 0.00	67.66 4.52 0.00	88.96 5.93 0.00	79.29 5.06 0.00	72.88 5.10 -3.76	54.69 4.40 -0.01	53.70 3.51 0.00	50.53 3.08 0.00	50.35 2.61 0.00	52.55 1.77 0.00	51.43 1.43 0.00	33.27 0.58 23.69
HOLTSVILLE_IC_7 23696	54.66 1.63 0.00	54.54 2.23 0.00	53.22 2.02 0.00	42.22 1.60 0.00	38.75 1.37 0.00	50.40 1.70 0.00	52.83 1.88 0.00	55.31 1.83 0.00	52.88 1.83 0.00	60.50 1.93 0.00	58.40 2.97 0.00	62.51 3.81 0.00	63.57 4.37 0.00	67.66 4.52 0.00	88.96 5.93 0.00	79.29 5.06 0.00	72.88 5.10 -3.76	54.69 4.40 -0.01	53.70 3.51 0.00	50.53 3.08 0.00	50.35 2.61 0.00	52.55 1.77 0.00	51.43 1.43 0.00	33.27 0.58 23.69
HOLTSVILLE_IC_8 23697	54.66 1.63 0.00	54.54 2.23 0.00	53.22 2.02 0.00	42.22 1.60 0.00	38.75 1.37 0.00	50.40 1.70 0.00	52.83 1.88 0.00	55.31 1.83 0.00	52.88 1.83 0.00	60.50 1.93 0.00	58.40 2.97 0.00	62.51 3.81 0.00	63.57 4.37 0.00	67.66 4.52 0.00	88.96 5.93 0.00	79.29 5.06 0.00	72.88 5.10 -3.76	54.69 4.40 -0.01	53.70 3.51 0.00	50.53 3.08 0.00	50.35 2.61 0.00	52.55 1.77 0.00	51.43 1.43 0.00	33.27 0.58 23.69
HOLTSVILLE_IC_9 23698	54.66 1.63 0.00	54.54 2.23 0.00	53.22 2.02 0.00	42.22 1.60 0.00	38.75 1.37 0.00	50.40 1.70 0.00	52.83 1.88 0.00	55.31 1.83 0.00	52.88 1.83 0.00	60.50 1.93 0.00	58.40 2.97 0.00	62.51 3.81 0.00	63.57 4.37 0.00	67.66 4.52 0.00	88.96 5.93 0.00	79.29 5.06 0.00	72.88 5.10 -3.76	54.69 4.40 -0.01	53.70 3.51 0.00	50.53 3.08 0.00	50.35 2.61 0.00	52.55 1.77 0.00	51.43 1.43 0.00	33.27 0.58 23.69
HOMER_HL_115KV_TB2 355744	53.74 0.72 0.00	52.23 -0.08 0.00	50.87 -0.33 0.00	40.12 -0.50 0.00	37.05 -0.33 0.00	48.69 -0.01 0.00	51.56 0.61 0.00	54.16 0.68 0.00	51.91 0.86 0.00	60.47 1.90 0.00	58.27 2.83 0.00	61.62 2.93 0.00	61.10 1.90 0.00	64.66 1.53 0.00	84.86 1.83 0.00	76.18 1.95 0.00	65.21 1.19 0.00	51.47 1.18 0.00	52.44 2.25 0.00	49.81 2.36 0.00	50.38 2.63 0.00	53.44 2.66 0.00	51.44 1.44 0.00	57.76 1.38 0.00
HOWARD_WT_PWR 323690	55.42 2.40 0.00	54.01 1.69 0.00	52.47 1.27 0.00	41.36 0.74 0.00	37.79 0.41 0.00	48.93 0.23 0.00	51.67 0.72 0.00	54.87 1.39 0.00	53.02 1.97 0.00	61.31 2.62 -0.12	59.16 3.69 -0.04	62.47 3.63 -0.14	61.96 2.76 0.00	65.02 1.89 0.00	85.53 2.51 0.00	76.83 2.60 0.00	65.67 1.65 0.00	51.97 1.68 0.00	52.87 2.68 0.00	50.70 3.25 0.00	51.52 3.68 -0.09	56.44 4.07 -1.59	53.00 2.98 -0.02	59.56 2.96 -0.22
HQ_GEN_CEDARS 23644	54.73 1.70 -0.01	54.00 1.68 0.00	52.66 1.46 0.00	41.76 1.14 0.00	38.37 0.99 0.00	50.13 1.43 0.00	52.50 1.55 0.00	54.76 1.29 0.00	52.19 1.14 0.00	59.94 1.37 0.00	55.40 -0.04 0.00	57.57 -1.13 0.00	57.90 -1.30 0.00	61.51 -1.62 0.00	80.64 -2.39 0.00	72.44 -1.79 0.00	62.46 -1.56 0.00	49.12 -1.18 0.00	49.07 -1.12 0.00	46.52 -0.93 0.00	47.03 -0.71 0.00	50.27 -0.51 0.00	50.42 0.42 0.00	57.49 1.10 0.00
HQ_GEN_CEDARS_PROXY 323590	54.74 1.70 -0.01	54.00 1.68 0.00	52.66 1.46 0.00	41.76 1.13 0.00	38.37 0.99 0.00	50.12 1.43 0.00	52.50 1.55 0.00	54.76 1.28 0.00	52.19 1.14 0.00	59.94 1.37 0.00	55.40 -0.04 0.00	28.37 -1.12 29.21	29.27 -1.31 28.63	31.05 -1.62 30.46	40.06 -2.39 40.58	35.02 -1.79 37.42	30.85 -1.56 31.61	24.48 -1.18 24.63	24.10 -1.12 24.98	22.83 -0.93 23.70	22.69 -0.71 24.34	24.59 -0.51 25.68	50.42 0.42 0.00	57.49 1.10 0.00

HQ_GEN_IMPORT 323601	52.31 0.54 1.26	52.83 0.52 0.00	51.60 0.40 0.00	40.41 0.33 0.54	37.66 0.27 0.00	49.11 0.41 0.00	51.45 0.50 0.00	53.98 0.50 0.00	51.49 0.44 0.00	56.87 0.40 2.10	55.03 -0.41 0.00	57.64 -1.05 0.00	58.09 -1.12 0.00	61.89 -1.25 0.00	81.37 -1.66 0.00	72.95 -1.28 0.00	62.85 -1.18 0.00	49.35 -0.94 0.00	49.28 -0.91 0.00	46.61 -0.84 0.00	46.99 -0.76 0.00	50.25 -0.53 0.00	49.98 -0.02 0.00	56.74 0.35 0.00
HQ_GEN_WHEEL 23651	52.31 0.54 1.26	52.83 0.52 0.00	51.60 0.40 0.00	40.41 0.33 0.54	37.66 0.27 0.00	49.11 0.41 0.00	51.45 0.50 0.00	53.98 0.50 0.00	51.49 0.44 0.00	56.87 0.40 2.10	55.03 -0.41 0.00	57.64 -1.05 0.00	58.09 -1.12 0.00	61.89 -1.25 0.00	81.37 -1.66 0.00	72.95 -1.28 0.00	62.85 -1.18 0.00	49.35 -0.94 0.00	49.28 -0.91 0.00	46.61 -0.84 0.00	46.99 -0.76 0.00	50.25 -0.53 0.00	49.98 -0.02 0.00	56.74 0.35 0.00
HUDSON AVE_GT_3 23810	53.76 0.74 0.00	53.39 1.08 0.00	52.42 1.22 0.00	41.71 1.09 0.00	38.35 0.97 0.00	49.70 1.00 0.00	51.94 0.98 0.00	54.62 1.14 0.00	52.53 1.48 0.00	60.44 1.87 0.00	58.26 2.83 0.00	62.60 3.90 0.00	63.32 4.12 0.00	67.70 4.57 0.00	89.16 6.14 0.00	79.75 5.52 0.00	69.03 5.01 0.00	54.07 3.78 0.00	53.34 3.15 0.00	50.29 2.84 0.00	50.31 2.57 0.00	52.81 2.02 0.00	51.65 1.65 0.00	57.54 1.16 0.00
HUDSON AVE_GT_4 23540	53.76 0.74 0.00	53.39 1.08 0.00	52.42 1.22 0.00	41.71 1.09 0.00	38.35 0.97 0.00	49.70 1.00 0.00	51.94 0.98 0.00	54.62 1.14 0.00	52.53 1.48 0.00	60.44 1.87 0.00	58.26 2.83 0.00	62.60 3.90 0.00	63.32 4.12 0.00	67.70 4.57 0.00	89.16 6.14 0.00	79.75 5.52 0.00	69.03 5.01 0.00	54.07 3.78 0.00	53.34 3.15 0.00	50.29 2.84 0.00	50.31 2.57 0.00	52.81 2.02 0.00	51.65 1.65 0.00	57.54 1.16 0.00
HUDSON AVE_GT_5 23657	53.76 0.74 0.00	53.39 1.08 0.00	52.42 1.22 0.00	41.71 1.09 0.00	38.35 0.97 0.00	49.70 1.00 0.00	51.94 0.98 0.00	54.62 1.14 0.00	52.53 1.48 0.00	60.44 1.87 0.00	58.26 2.83 0.00	62.60 3.90 0.00	63.32 4.12 0.00	67.70 4.57 0.00	89.16 6.14 0.00	79.75 5.52 0.00	69.03 5.01 0.00	54.07 3.78 0.00	53.34 3.15 0.00	50.29 2.84 0.00	50.31 2.57 0.00	52.81 2.02 0.00	51.65 1.65 0.00	57.54 1.16 0.00
HUDSON_AVE_10 24168	53.61 0.59 0.00	53.27 0.96 0.00	52.32 1.12 0.00	41.64 1.02 0.00	38.27 0.89 0.00	49.58 0.88 0.00	51.82 0.87 0.00	54.47 0.99 0.00	52.40 1.35 0.00	60.27 1.70 0.00	58.07 2.63 0.00	62.40 3.70 0.00	63.11 3.90 0.00	67.47 4.34 0.00	88.87 5.85 0.00	79.47 5.24 0.00	68.79 4.77 0.00	53.88 3.59 0.00	53.18 3.00 0.00	50.16 2.72 0.00	50.20 2.46 0.00	52.69 1.91 0.00	51.57 1.58 0.00	57.44 1.06 0.00
HUDSON___115KV_TB 4 355613	53.50 0.48 0.00	52.83 0.51 0.00	51.89 0.69 0.00	41.15 0.53 0.00	37.92 0.54 0.00	49.31 0.61 0.00	51.35 0.40 0.00	53.77 0.29 0.00	51.15 0.10 0.00	58.23 -0.33 0.00	55.38 -0.06 0.00	59.20 0.50 0.00	60.04 0.84 0.00	64.46 1.33 0.00	86.17 3.14 0.00	76.50 2.28 0.00	65.73 1.71 0.00	51.79 1.50 0.00	51.60 1.42 0.00	48.77 1.33 0.00	49.07 1.33 0.00	51.91 1.13 0.00	50.67 0.67 0.00	56.71 0.33 0.00
HUNTER MOUNT___DRP 323613	53.68 0.66 0.00	52.95 0.64 0.00	51.97 0.78 0.00	41.23 0.61 0.00	37.98 0.60 0.00	49.42 0.72 0.00	51.50 0.55 0.00	54.00 0.52 0.00	51.36 0.31 0.00	58.44 -0.13 0.00	55.54 0.10 0.00	59.36 0.66 0.00	60.25 1.05 0.00	64.86 1.73 0.00	86.62 3.59 0.00	76.78 2.55 0.00	65.88 1.86 0.00	51.97 1.68 0.00	51.83 1.64 0.00	49.00 1.55 0.00	49.33 1.59 0.00	52.18 1.40 0.00	50.91 0.91 0.00	56.96 0.58 0.00
HUNTINGTON_RES_REC 323705	54.03 1.01 0.00	54.05 1.74 0.00	52.71 1.52 0.00	41.82 1.20 0.00	38.39 1.02 0.00	49.91 1.22 0.00	52.29 1.34 0.00	54.77 1.29 0.00	52.26 1.21 0.00	59.76 1.19 0.00	57.69 2.26 0.00	61.82 3.12 0.00	62.89 3.69 0.00	66.98 3.84 0.00	88.18 5.16 0.00	78.70 4.48 0.00	80.29 4.48 -11.80	54.10 3.79 -0.02	53.08 2.89 0.00	49.95 2.50 0.00	49.72 1.97 0.00	51.86 1.08 0.00	50.76 0.76 0.00	32.64 -0.13 23.62
HUNTLEY___63 23557	55.58 2.56 0.00	53.91 1.60 0.00	52.11 0.91 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.81 1.12 0.00	52.66 1.71 0.00	55.19 1.71 0.00	53.03 1.98 0.00	61.93 3.36 0.00	60.13 4.70 0.00	63.78 5.08 0.00	63.06 3.86 0.00	66.64 3.50 0.00	87.49 4.46 0.00	78.64 4.41 0.00	66.59 2.58 0.00	52.04 1.75 0.00	52.79 2.60 0.00	49.93 2.48 0.00	50.88 3.13 0.00	54.15 3.37 0.00	52.71 2.71 0.00	59.29 2.90 0.00
HUNTLEY___64 23558	55.58 2.56 0.00	53.91 1.60 0.00	52.11 0.91 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.81 1.12 0.00	52.66 1.71 0.00	55.19 1.71 0.00	53.03 1.98 0.00	61.93 3.36 0.00	60.13 4.70 0.00	63.78 5.08 0.00	63.06 3.86 0.00	66.64 3.50 0.00	87.49 4.46 0.00	78.64 4.41 0.00	66.59 2.58 0.00	52.04 1.75 0.00	52.79 2.60 0.00	49.93 2.48 0.00	50.88 3.13 0.00	54.15 3.37 0.00	52.71 2.71 0.00	59.29 2.90 0.00
HUNTLEY___65 23559	55.58 2.56 0.00	53.91 1.60 0.00	52.11 0.91 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.81 1.12 0.00	52.66 1.71 0.00	55.19 1.71 0.00	53.03 1.98 0.00	61.93 3.36 0.00	60.13 4.70 0.00	63.78 5.08 0.00	63.06 3.86 0.00	66.64 3.50 0.00	87.49 4.46 0.00	78.64 4.41 0.00	66.59 2.58 0.00	52.04 1.75 0.00	52.79 2.60 0.00	49.93 2.48 0.00	50.88 3.13 0.00	54.15 3.37 0.00	52.71 2.71 0.00	59.29 2.90 0.00
HUNTLEY___66 23560	55.58 2.56 0.00	53.91 1.60 0.00	52.11 0.91 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.81 1.12 0.00	52.66 1.71 0.00	55.19 1.71 0.00	53.03 1.98 0.00	61.93 3.36 0.00	60.13 4.70 0.00	63.78 5.08 0.00	63.06 3.86 0.00	66.64 3.50 0.00	87.49 4.46 0.00	78.64 4.41 0.00	66.59 2.58 0.00	52.04 1.75 0.00	52.79 2.60 0.00	49.93 2.48 0.00	50.88 3.13 0.00	54.15 3.37 0.00	52.71 2.71 0.00	59.29 2.90 0.00
HUNTLEY___67 23561	54.95 1.93 0.00	53.35 1.04 0.00	51.66 0.46 0.00	40.69 0.07 0.00	37.52 0.14 0.00	49.39 0.69 0.00	52.24 1.29 0.00	54.73 1.25 0.00	52.59 1.54 0.00	61.41 2.84 0.00	59.56 4.12 0.00	63.16 4.46 0.00	62.48 3.27 0.00	66.01 2.88 0.00	86.71 3.68 0.00	77.97 3.74 0.00	66.08 2.06 0.00	51.63 1.33 0.00	52.40 2.21 0.00	49.61 2.16 0.00	50.44 2.69 0.00	53.69 2.91 0.00	52.33 2.33 0.00	58.87 2.49 0.00
HUNTLEY___68 23562	54.95 1.93 0.00	53.35 1.04 0.00	51.66 0.46 0.00	40.69 0.07 0.00	37.52 0.14 0.00	49.39 0.69 0.00	52.24 1.29 0.00	54.73 1.25 0.00	52.59 1.54 0.00	61.41 2.84 0.00	59.56 4.12 0.00	63.16 4.46 0.00	62.48 3.27 0.00	66.01 2.88 0.00	86.71 3.68 0.00	77.97 3.74 0.00	66.08 2.06 0.00	51.63 1.33 0.00	52.40 2.21 0.00	49.61 2.16 0.00	50.44 2.69 0.00	53.69 2.91 0.00	52.33 2.33 0.00	58.87 2.49 0.00

HYLAND___LFGE 323620	56.10 3.07 0.00	54.34 2.03 0.00	52.75 1.55 0.00	41.61 0.98 0.00	38.29 0.91 0.00	50.00 1.30 0.00	52.99 2.04 0.00	55.79 2.31 0.00	53.41 2.36 0.00	61.17 2.60 0.00	58.69 3.26 0.00	62.03 3.33 0.00	60.61 1.41 0.00	62.85 -0.28 0.00	79.89 -3.13 0.00	71.72 -2.51 0.00	62.94 -1.08 0.00	49.35 -0.94 0.00	50.52 0.33 0.00	49.18 1.74 0.00	50.90 3.15 0.00	57.24 6.46 0.00	54.71 4.71 0.00	60.69 4.30 0.00
INDECK___CORINTH 23802	54.37 1.35 0.00	53.62 1.31 0.00	52.57 1.38 0.00	41.61 0.98 0.00	38.51 1.13 0.00	50.24 1.55 0.00	52.62 1.67 0.00	55.41 1.94 0.00	52.76 1.72 0.00	60.01 1.44 0.00	56.68 1.24 0.00	60.75 2.05 0.00	61.76 2.55 0.00	66.10 2.97 0.00	87.56 4.53 0.00	77.74 3.51 0.00	67.32 3.30 0.00	52.96 2.66 0.00	53.22 3.03 0.00	50.11 2.67 0.00	50.48 2.74 0.00	53.37 2.59 0.00	51.99 1.99 0.00	58.17 1.79 0.00
INDECK___ILION 23567	53.37 0.35 0.00	52.69 0.38 0.00	51.71 0.51 0.00	41.03 0.40 0.00	37.80 0.42 0.00	49.21 0.51 0.00	51.34 0.39 0.00	53.80 0.33 0.00	51.15 0.10 0.00	58.36 -0.20 0.00	55.61 0.18 0.00	59.48 0.78 0.00	60.36 1.16 0.00	64.68 1.55 0.00	85.52 2.49 0.00	75.81 1.59 0.00	65.69 1.67 0.00	51.64 1.35 0.00	51.77 1.59 0.00	48.86 1.41 0.00	49.12 1.38 0.00	52.14 1.36 0.00	50.90 0.90 0.00	57.07 0.69 0.00
INDECK___OLEAN 23982	53.74 0.72 0.00	52.23 -0.08 0.00	50.87 -0.33 0.00	40.12 -0.50 0.00	37.05 -0.33 0.00	48.69 -0.01 0.00	51.56 0.61 0.00	54.16 0.68 0.00	51.91 0.86 0.00	60.47 1.91 0.00	58.24 2.84 0.04	61.63 2.93 0.00	61.10 1.90 0.00	64.66 1.53 0.00	84.86 1.83 0.00	76.17 1.94 0.00	65.22 1.20 0.00	51.48 1.19 0.00	52.45 2.26 0.00	49.81 2.36 0.00	49.91 2.63 0.47	41.54 2.63 11.87	51.44 1.45 0.00	57.76 1.38 0.00
INDECK___OSWEGO 23783	51.69 -1.33 0.00	50.81 -1.50 0.00	49.68 -1.52 0.00	39.44 -1.19 0.00	36.27 -1.12 0.00	47.23 -1.47 0.00	49.55 -1.40 0.00	51.99 -1.49 0.00	49.63 -1.42 0.00	58.37 -1.37 -1.17	54.90 -0.87 -0.33	59.32 -0.77 -1.39	58.26 -0.94 0.00	62.00 -1.14 0.00	81.49 -1.54 0.00	72.92 -1.31 0.00	62.74 -1.28 0.00	49.33 -0.96 0.00	49.39 -0.80 0.00	46.84 -0.61 0.00	47.43 -0.59 -0.28	50.02 -0.77 0.00	49.10 -1.09 -0.19	57.08 -1.46 -2.16
INDECK___YERKES 23781	55.60 2.58 0.00	53.92 1.61 0.00	52.12 0.92 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.82 1.13 0.00	52.69 1.73 0.00	55.20 1.72 0.00	53.05 2.00 0.00	61.95 3.39 0.00	60.15 4.74 0.03	63.81 5.11 0.00	63.08 3.88 0.00	66.68 3.54 0.00	87.53 4.50 0.00	78.67 4.45 0.00	66.64 2.62 0.00	52.08 1.79 0.00	52.81 2.62 0.00	49.95 2.50 0.00	50.58 3.15 0.32	46.14 3.37 8.02	52.73 2.73 0.00	59.32 2.94 0.00
INDIAN POINT_GT_1 24139	53.53 0.51 0.00	53.07 0.76 0.00	52.06 0.86 0.00	41.36 0.74 0.00	38.03 0.65 0.00	49.34 0.65 0.00	51.59 0.64 0.00	54.24 0.76 0.00	52.05 1.00 0.00	59.83 1.26 0.00	57.60 2.17 0.00	61.93 3.23 0.00	62.71 3.50 0.00	67.10 3.96 0.00	88.36 5.34 0.00	79.06 4.83 0.00	68.45 4.43 0.00	53.64 3.35 0.00	52.98 2.79 0.00	49.94 2.49 0.00	49.93 2.19 0.00	52.46 1.68 0.00	51.24 1.24 0.00	57.19 0.81 0.00
INDIAN POINT_GT_2 23659	53.53 0.51 0.00	53.07 0.76 0.00	52.06 0.86 0.00	41.36 0.74 0.00	38.03 0.65 0.00	49.34 0.65 0.00	51.59 0.64 0.00	54.24 0.76 0.00	52.05 1.00 0.00	59.83 1.26 0.00	57.60 2.17 0.00	61.93 3.23 0.00	62.71 3.50 0.00	67.10 3.96 0.00	88.36 5.34 0.00	79.06 4.83 0.00	68.45 4.43 0.00	53.64 3.35 0.00	52.98 2.79 0.00	49.94 2.49 0.00	49.93 2.19 0.00	52.46 1.68 0.00	51.24 1.24 0.00	57.19 0.81 0.00
INDIAN POINT_GT_3 24019	53.53 0.51 0.00	53.07 0.76 0.00	52.06 0.86 0.00	41.36 0.74 0.00	38.03 0.65 0.00	49.34 0.65 0.00	51.59 0.64 0.00	54.24 0.76 0.00	52.05 1.00 0.00	59.83 1.26 0.00	57.60 2.17 0.00	61.93 3.23 0.00	62.71 3.50 0.00	67.10 3.96 0.00	88.36 5.34 0.00	79.06 4.83 0.00	68.45 4.43 0.00	53.64 3.35 0.00	52.98 2.79 0.00	49.94 2.49 0.00	49.93 2.19 0.00	52.46 1.68 0.00	51.24 1.24 0.00	57.19 0.81 0.00
INDIAN POINT___2 23530	53.48 0.45 0.00	53.00 0.69 0.00	51.98 0.78 0.00	41.30 0.68 0.00	37.97 0.59 0.00	49.28 0.58 0.00	51.53 0.57 0.00	54.16 0.68 0.00	51.98 0.92 0.00	59.75 1.19 0.00	57.53 2.09 0.00	61.86 3.17 0.00	62.63 3.42 0.00	67.03 3.89 0.00	88.26 5.23 0.00	78.95 4.72 0.00	68.35 4.34 0.00	53.59 3.30 0.00	52.94 2.75 0.00	49.90 2.45 0.00	49.88 2.14 0.00	52.41 1.62 0.00	51.17 1.17 0.00	57.13 0.75 0.00
INDIAN POINT___3 23531	53.47 0.45 0.00	53.00 0.69 0.00	51.98 0.79 0.00	41.30 0.68 0.00	37.97 0.59 0.00	49.28 0.59 0.00	51.53 0.57 0.00	54.16 0.68 0.00	51.98 0.93 0.00	59.76 1.19 0.00	57.52 2.09 0.00	61.83 3.13 0.00	62.61 3.41 0.00	67.00 3.87 0.00	88.22 5.20 0.00	78.91 4.68 0.00	68.32 4.30 0.00	53.56 3.27 0.00	52.90 2.71 0.00	49.86 2.42 0.00	49.86 2.12 0.00	52.38 1.60 0.00	51.15 1.16 0.00	57.13 0.74 0.00
INGHAM_C_115KV_TB7 356103	53.67 0.65 0.00	53.03 0.72 0.00	52.19 0.99 0.00	41.43 0.80 0.00	38.23 0.85 0.00	49.72 1.03 0.00	51.72 0.77 0.00	54.07 0.59 0.00	51.15 0.10 0.00	57.79 -0.77 0.00	55.32 -0.11 0.00	59.73 1.03 0.00	61.10 1.90 0.00	65.92 2.79 0.00	87.68 4.65 0.00	76.95 2.73 0.00	67.02 3.00 0.00	52.68 2.39 0.00	53.13 2.94 0.00	50.06 2.61 0.00	50.35 2.61 0.00	53.41 2.63 0.00	51.76 1.76 0.00	57.75 1.37 0.00
IP CORINTH___1 23988	54.69 1.67 0.00	53.93 1.62 0.00	52.88 1.69 0.00	41.84 1.22 0.00	38.73 1.35 0.00	50.53 1.84 0.00	52.92 1.97 0.00	55.73 2.26 0.00	53.06 2.01 0.00	60.36 1.80 0.00	57.01 1.58 0.00	61.11 2.41 0.00	62.11 2.91 0.00	66.47 3.33 0.00	88.04 5.02 0.00	78.18 3.95 0.00	67.70 3.68 0.00	53.25 2.96 0.00	53.52 3.33 0.00	50.40 2.95 0.00	50.77 3.03 0.00	53.69 2.90 0.00	52.29 2.30 0.00	58.50 2.12 0.00
IP___TICONDEROGA 23804	56.88 3.85 0.00	56.07 3.76 0.00	55.00 3.81 0.00	43.21 2.58 0.00	40.49 3.11 0.00	53.14 4.44 0.00	56.06 5.11 0.00	59.21 5.73 0.00	56.07 5.02 0.00	62.63 4.06 0.00	59.38 3.94 0.00	63.79 5.09 0.00	64.74 5.54 0.00	69.08 5.94 0.00	92.54 9.52 0.00	82.55 8.32 0.00	72.10 8.08 0.00	56.65 6.36 0.00	55.91 5.72 0.00	52.77 5.32 0.00	52.90 5.15 0.00	56.26 5.48 0.00	54.46 4.47 0.00	60.87 4.48 0.00
ISLIP_RES_REC 323679	55.01 1.98 0.00	54.87 2.55 0.00	53.53 2.33 0.00	42.45 1.83 0.00	38.97 1.59 0.00	50.69 1.99 0.00	53.15 2.19 0.00	55.68 2.21 0.00	53.28 2.23 0.00	60.99 2.43 0.00	58.92 3.49 0.00	63.07 4.37 0.00	64.16 4.96 0.00	68.33 5.19 0.00	89.85 6.82 0.00	80.06 5.84 0.00	73.24 5.81 -3.41	55.22 4.92 0.00	54.21 4.02 0.00	51.00 3.55 0.00	50.81 3.07 0.00	53.00 2.22 0.00	51.83 1.83 0.00	33.81 0.98 23.55

JAMAICA__27_KV_LOAD 355505	54.12 1.10 0.00	53.78 1.47 0.00	52.84 1.64 0.00	42.07 1.45 0.00	38.66 1.27 0.00	50.04 1.34 0.00	52.30 1.34 0.00	54.95 1.47 0.00	52.86 1.81 0.00	60.80 2.23 0.00	58.52 3.09 0.00	62.91 4.22 0.00	63.59 4.39 0.00	67.99 4.86 0.00	89.56 6.53 0.00	80.13 5.90 0.00	69.36 5.34 0.00	54.33 4.03 0.00	53.69 3.50 0.00	50.57 3.12 0.00	50.58 2.84 0.00	53.08 2.30 0.00	52.00 2.00 0.00	57.87 1.49 0.00
JANIS__SOLAR 323808	55.75 2.72 0.00	54.69 2.37 0.00	53.41 2.21 0.00	42.30 1.68 0.00	39.00 1.63 0.00	50.91 2.21 0.00	53.54 2.58 0.00	56.15 2.67 0.00	53.41 2.36 0.00	61.39 2.59 -0.24	58.71 3.20 -0.07	63.02 4.04 -0.28	62.23 3.03 0.00	66.00 2.87 0.00	87.25 4.23 0.00	78.33 4.10 0.00	67.68 3.66 0.00	54.15 3.86 0.00	54.51 4.32 0.00	51.79 4.34 0.00	52.28 4.38 -0.16	57.75 4.41 -2.56	53.59 3.56 -0.04	60.36 3.53 -0.44
JARVIS____ 23743	52.96 -0.06 0.00	52.27 -0.04 0.00	51.21 0.01 0.00	40.63 0.01 0.00	37.38 0.00 0.00	48.70 0.00 0.00	50.92 -0.04 0.00	53.43 -0.05 0.00	50.96 -0.09 0.00	58.47 -0.10 0.00	55.58 0.14 0.00	59.06 0.36 0.00	59.64 0.44 0.00	63.64 0.50 0.00	83.68 0.65 0.00	74.72 0.49 0.00	64.51 0.48 0.00	50.69 0.40 0.00	50.59 0.40 0.00	47.81 0.36 0.00	48.08 0.33 0.00	51.04 0.26 0.00	50.10 0.10 0.00	56.38 0.00 0.00
JENNISON____1 23625	55.25 2.23 0.00	54.46 2.15 0.00	53.22 2.02 0.00	42.26 1.64 0.00	38.98 1.60 0.00	50.92 2.22 0.00	53.26 2.31 0.00	55.74 2.27 0.00	53.56 2.51 0.00	61.78 3.04 -0.17	59.11 3.63 -0.05	63.35 4.46 -0.20	63.11 3.90 0.00	67.24 4.10 0.00	88.72 5.70 0.00	79.48 5.25 0.00	68.55 4.53 0.00	54.31 4.01 0.00	54.52 4.34 0.00	51.62 4.17 0.00	51.87 4.09 -0.04	54.87 4.09 0.00	53.29 3.26 -0.03	60.01 3.31 -0.31
JENNISON____2 23626	55.25 2.23 0.00	54.46 2.15 0.00	53.22 2.02 0.00	42.26 1.64 0.00	38.98 1.60 0.00	50.92 2.22 0.00	53.26 2.31 0.00	55.74 2.27 0.00	53.56 2.51 0.00	61.78 3.04 -0.17	59.11 3.63 -0.05	63.35 4.46 -0.20	63.11 3.90 0.00	67.24 4.10 0.00	88.72 5.70 0.00	79.48 5.25 0.00	68.55 4.53 0.00	54.31 4.01 0.00	54.52 4.34 0.00	51.62 4.17 0.00	51.87 4.09 -0.04	54.87 4.09 0.00	53.29 3.26 -0.03	60.01 3.31 -0.31
JERICOHO_RISE_WT_PWR 323719	53.67 0.64 0.00	52.97 0.66 0.00	51.67 0.47 0.00	40.96 0.34 0.00	37.67 0.30 0.00	49.22 0.52 0.00	51.63 0.68 0.00	54.30 0.82 0.00	51.82 0.77 0.00	59.43 0.86 0.00	54.61 -0.83 0.00	57.01 -1.69 0.00	57.76 -1.45 0.00	61.37 -1.77 0.00	80.92 -2.11 0.00	72.52 -1.71 0.00	62.43 -1.59 0.00	49.24 -1.06 0.00	49.29 -0.90 0.00	46.58 -0.87 0.00	47.07 -0.67 0.00	50.49 -0.29 0.00	50.22 0.22 0.00	56.93 0.54 0.00
KATONAH__115KV_46KV_TB4 355592	53.89 0.87 0.00	53.42 1.11 0.00	52.40 1.20 0.00	41.61 0.98 0.00	38.27 0.89 0.00	49.68 0.98 0.00	51.94 0.98 0.00	54.62 1.14 0.00	52.47 1.42 0.00	60.33 1.76 0.00	58.10 2.66 0.00	62.47 3.77 0.00	63.33 4.13 0.00	67.78 4.65 0.00	89.33 6.30 0.00	79.86 5.63 0.00	69.04 5.01 0.00	54.08 3.78 0.00	53.41 3.22 0.00	50.29 2.84 0.00	50.29 2.55 0.00	52.85 2.07 0.00	51.60 1.60 0.00	57.58 1.19 0.00
KCE_NY_1 323755	54.77 1.74 0.00	54.10 1.79 0.00	53.01 1.82 0.00	41.99 1.37 0.00	38.75 1.37 0.00	50.55 1.86 0.00	52.84 1.89 0.00	55.53 2.05 0.00	52.92 1.87 0.00	60.41 1.85 0.00	57.33 1.89 0.00	61.40 2.70 0.00	62.35 3.15 0.00	66.83 3.70 0.00	88.11 5.08 0.00	78.29 4.06 0.00	67.73 3.71 0.00	53.29 2.99 0.00	53.34 3.15 0.00	50.30 2.85 0.00	50.56 2.81 0.00	53.52 2.74 0.00	52.23 2.24 0.00	58.60 2.21 0.00
KCE_NY_6_ESR 323823	55.56 2.54 0.00	53.89 1.58 0.00	52.17 0.98 0.00	41.09 0.47 0.00	37.89 0.51 0.00	49.81 1.12 0.00	52.72 1.76 0.00	55.30 1.83 0.00	53.13 2.08 0.00	62.05 3.48 0.00	60.13 4.73 0.03	63.76 5.06 0.00	63.13 3.93 0.00	66.74 3.60 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.99 2.97 0.00	52.44 2.15 0.00	53.27 3.08 0.00	50.48 3.03 0.00	50.89 3.50 0.35	45.50 3.67 8.95	52.95 2.95 0.00	59.52 3.14 0.00
KEDC_PORT_JEFF_GT2 24210	54.38 1.36 0.00	54.33 2.02 0.00	53.01 1.81 0.00	42.05 1.43 0.00	38.59 1.22 0.00	50.20 1.50 0.00	52.62 1.67 0.00	55.06 1.59 0.00	52.63 1.58 0.00	60.20 1.63 0.00	58.11 2.68 0.00	62.15 3.45 0.00	63.15 3.95 0.00	66.87 3.73 0.00	87.83 4.81 0.00	78.24 4.01 0.00	72.53 4.18 -4.34	53.94 3.64 -0.01	52.94 2.75 0.00	49.81 2.36 0.00	49.66 1.91 0.00	51.87 1.09 0.00	51.04 1.04 0.00	32.80 0.18 23.77
KEDC_PORT_JEFF_GT3 24211	54.38 1.36 0.00	54.33 2.02 0.00	53.01 1.81 0.00	42.05 1.43 0.00	38.59 1.22 0.00	50.20 1.50 0.00	52.62 1.67 0.00	55.06 1.59 0.00	52.63 1.58 0.00	60.20 1.63 0.00	58.11 2.68 0.00	62.15 3.45 0.00	63.15 3.95 0.00	66.87 3.73 0.00	87.83 4.81 0.00	78.24 4.01 0.00	72.53 4.18 -4.34	53.94 3.64 -0.01	52.94 2.75 0.00	49.81 2.36 0.00	49.66 1.91 0.00	51.87 1.09 0.00	51.04 1.04 0.00	32.80 0.18 23.77
KEDC_GLWD_GT4 24219	54.20 1.18 0.00	53.80 1.49 0.00	52.65 1.46 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.92 1.22 0.00	52.20 1.25 0.00	54.82 1.34 0.00	52.29 1.24 0.00	60.13 1.57 0.00	58.40 2.96 0.00	62.44 3.74 0.00	63.27 4.07 0.00	67.63 4.50 0.00	89.10 6.07 0.00	79.65 5.42 0.00	69.00 4.98 0.00	54.21 3.92 0.00	53.36 3.17 0.00	50.24 2.80 0.00	50.11 2.36 0.00	52.58 1.80 0.00	51.29 1.29 0.00	49.77 0.70 7.31
KEDC_GLWD_GT5 24220	54.20 1.18 0.00	53.80 1.49 0.00	52.65 1.46 0.00	41.82 1.20 0.00	38.44 1.06 0.00	49.92 1.22 0.00	52.20 1.25 0.00	54.82 1.34 0.00	52.29 1.24 0.00	60.13 1.57 0.00	58.40 2.96 0.00	62.44 3.74 0.00	63.27 4.07 0.00	67.63 4.50 0.00	89.10 6.07 0.00	79.65 5.42 0.00	69.00 4.98 0.00	54.21 3.92 0.00	53.36 3.17 0.00	50.24 2.80 0.00	50.11 2.36 0.00	52.58 1.80 0.00	51.29 1.29 0.00	49.77 0.70 7.31
KENSICO____ 23655	53.65 0.63 0.00	53.22 0.91 0.00	52.21 1.02 0.00	41.49 0.86 0.00	38.16 0.77 0.00	49.49 0.79 0.00	51.75 0.80 0.00	54.41 0.93 0.00	52.24 1.19 0.00	60.04 1.48 0.00	57.81 2.38 0.00	62.14 3.44 0.00	62.91 3.71 0.00	67.29 4.16 0.00	88.63 5.60 0.00	79.25 5.02 0.00	68.62 4.60 0.00	53.79 3.50 0.00	53.10 2.92 0.00	50.06 2.61 0.00	50.05 2.31 0.00	52.58 1.80 0.00	51.37 1.38 0.00	57.32 0.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.44 1.42 0.00	53.82 1.50 0.00	52.72 1.52 0.00	41.84 1.22 0.00	38.48 1.10 0.00	49.99 1.29 0.00	52.25 1.30 0.00	55.00 1.53 0.00	52.76 1.71 0.00	60.74 2.17 0.00	58.50 3.07 0.00	62.90 4.20 0.00	63.72 4.52 0.00	67.90 4.77 0.00	89.80 6.77 0.00	80.36 6.13 0.00	69.15 5.13 0.00	54.15 3.86 0.00	53.61 3.42 0.00	50.53 3.08 0.00	50.60 2.85 0.00	53.60 2.82 0.00	52.23 2.23 0.00	58.36 1.98 0.00

KIAC_JFK_GT1 23816	53.57 0.54 0.00	53.24 0.93 0.00	52.33 1.14 0.00	41.68 1.06 0.00	38.29 0.92 0.00	49.56 0.86 0.00	51.77 0.82 0.00	54.41 0.93 0.00	52.34 1.29 0.00	60.19 1.63 0.00	57.93 2.49 0.00	62.24 3.54 0.00	62.93 3.73 0.00	67.30 4.17 0.00	88.62 5.60 0.00	79.27 5.05 0.00	68.62 4.61 0.00	53.75 3.46 0.00	53.11 2.92 0.00	50.01 2.56 0.00	50.02 2.27 0.00	52.49 1.70 0.00	51.43 1.43 0.00	57.28 0.90 0.00
KIAC_JFK_GT2 23817	53.57 0.54 0.00	53.24 0.93 0.00	52.33 1.14 0.00	41.68 1.06 0.00	38.29 0.92 0.00	49.56 0.86 0.00	51.77 0.82 0.00	54.41 0.93 0.00	52.34 1.29 0.00	60.19 1.63 0.00	57.93 2.49 0.00	62.24 3.54 0.00	62.93 3.73 0.00	67.30 4.17 0.00	88.62 5.60 0.00	79.27 5.05 0.00	68.62 4.61 0.00	53.75 3.46 0.00	53.11 2.92 0.00	50.01 2.56 0.00	50.02 2.27 0.00	52.49 1.70 0.00	51.43 1.43 0.00	57.28 0.90 0.00
KIAC_JFK____ 323774	53.57 0.54 0.00	53.24 0.93 0.00	52.33 1.13 0.00	41.68 1.06 0.00	38.29 0.92 0.00	49.55 0.86 0.00	51.77 0.82 0.00	54.41 0.93 0.00	52.34 1.29 0.00	60.18 1.62 0.00	57.92 2.48 0.00	62.24 3.55 0.00	62.93 3.73 0.00	67.31 4.17 0.00	88.63 5.61 0.00	79.27 5.04 0.00	68.62 4.60 0.00	53.75 3.46 0.00	53.11 2.92 0.00	50.00 2.55 0.00	50.02 2.27 0.00	52.49 1.71 0.00	51.44 1.44 0.00	57.26 0.88 0.00
KINTIGH__24_KV_GSU 356498	54.60 1.58 0.00	53.12 0.81 0.00	51.55 0.35 0.00	40.68 0.06 0.00	37.51 0.13 0.00	49.29 0.59 0.00	52.08 1.13 0.00	54.56 1.08 0.00	52.38 1.33 0.00	61.04 2.47 0.00	58.99 3.57 0.02	62.58 3.88 0.00	62.08 2.88 0.00	65.71 2.58 0.00	86.33 3.31 0.00	77.53 3.30 0.00	65.49 1.47 0.00	51.11 0.82 0.00	51.79 1.60 0.00	49.02 1.57 0.00	49.69 2.20 0.25	46.82 2.48 6.44	51.96 1.96 0.00	58.39 2.00 0.00
KINTIGH____ 23543	54.56 1.54 0.00	53.08 0.77 0.00	51.51 0.31 0.00	40.65 0.03 0.00	37.49 0.11 0.00	49.25 0.55 0.00	52.03 1.08 0.00	54.52 1.04 0.00	52.33 1.28 0.00	60.98 2.42 0.00	58.94 3.51 0.00	62.53 3.83 0.00	62.04 2.84 0.00	65.66 2.53 0.00	86.26 3.23 0.00	77.48 3.25 0.00	65.53 1.51 0.00	51.15 0.86 0.00	51.82 1.63 0.00	49.05 1.61 0.00	49.94 2.20 0.00	53.22 2.44 0.00	51.92 1.92 0.00	58.35 1.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.11 1.08 0.00	53.38 1.07 0.00	52.05 0.85 0.00	41.24 0.61 0.00	37.95 0.57 0.00	49.57 0.87 0.00	52.00 1.04 0.00	54.85 1.37 0.00	52.42 1.37 0.00	60.03 1.47 0.00	55.20 -0.23 0.00	57.84 -0.86 0.00	58.48 -0.72 0.00	61.93 -1.20 0.00	81.81 -1.22 0.00	73.24 -0.99 0.00	63.08 -0.94 0.00	49.90 -0.40 0.00	50.02 -0.17 0.00	47.24 -0.21 0.00	47.73 -0.01 0.00	51.22 0.44 0.00	50.81 0.81 0.00	57.48 1.09 0.00
LACHUTE____HYDRO 323717	56.88 3.85 0.00	56.07 3.76 0.00	55.01 3.81 0.00	43.21 2.59 0.00	40.49 3.11 0.00	53.14 4.44 0.00	56.06 5.10 0.00	59.21 5.73 0.00	56.07 5.02 0.00	62.63 4.06 0.00	59.38 3.94 0.00	63.79 5.09 0.00	64.74 5.54 0.00	69.08 5.95 0.00	92.54 9.51 0.00	82.55 8.31 0.00	72.09 8.07 0.00	56.65 6.36 0.00	55.91 5.72 0.00	52.77 5.32 0.00	52.90 5.15 0.00	56.26 5.48 0.00	54.46 4.46 0.00	60.86 4.47 0.00
LAWRNCAY_115KV_TB1 80681	55.04 2.01 -0.01	54.37 2.06 0.00	52.99 1.79 0.00	42.01 1.39 0.00	38.57 1.19 0.00	50.41 1.72 0.00	52.71 1.76 0.00	54.82 1.34 0.00	52.15 1.10 0.00	60.07 1.51 0.00	55.51 0.07 0.00	57.60 -1.10 0.00	57.81 -1.39 0.00	61.22 -1.91 0.00	79.88 -3.15 0.00	71.73 -2.49 0.00	61.91 -2.11 0.00	48.78 -1.51 0.00	48.76 -1.43 0.00	46.40 -1.05 0.00	46.95 -0.79 0.00	50.19 -0.59 0.00	50.38 0.38 0.00	57.50 1.11 0.00
LEDERLE____ 23769	53.86 0.84 0.00	53.30 0.99 0.00	52.25 1.05 0.00	41.50 0.88 0.00	38.16 0.77 0.00	49.52 0.82 0.00	51.81 0.86 0.00	54.50 1.02 0.00	52.32 1.27 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.46 3.76 0.00	63.27 4.06 0.00	67.77 4.63 0.00	89.23 6.21 0.00	79.83 5.60 0.00	69.11 5.08 0.00	54.15 3.86 0.00	53.49 3.31 0.00	50.40 2.96 0.00	50.35 2.61 0.00	52.86 2.08 0.00	51.57 1.57 0.00	57.56 1.18 0.00
LIGHTHSE_115KV_TB6 355974	54.06 1.03 0.00	52.99 0.68 0.00	51.76 0.56 0.00	41.06 0.44 0.00	37.61 0.23 0.00	49.12 0.42 0.00	51.66 0.70 0.00	54.17 0.69 0.00	51.45 0.40 0.00	60.37 1.22 -0.59	57.14 1.54 -0.16	61.06 1.67 -0.70	60.42 1.22 0.00	64.04 0.91 0.00	83.89 0.87 0.00	75.21 0.98 0.00	64.63 0.60 0.00	50.88 0.58 0.00	51.10 0.91 0.00	48.82 1.37 0.00	49.41 1.53 -0.14	52.21 1.43 0.00	51.03 0.93 -0.10	58.24 0.77 -1.09
LINDEN COGEN____ 23786	53.28 0.25 0.00	52.91 0.60 0.00	51.67 0.76 0.28	41.38 0.75 0.00	38.04 0.66 0.00	49.25 0.56 0.00	51.43 0.51 0.04	53.44 0.60 0.64	51.93 0.96 0.08	54.70 1.24 5.11	52.16 2.25 5.52	60.47 3.29 1.52	62.47 3.49 0.22	66.93 3.91 0.12	88.28 5.27 0.01	78.97 4.74 0.00	68.36 4.35 0.00	53.56 3.27 0.00	52.85 2.67 0.00	49.90 2.45 0.00	49.91 2.17 0.00	52.30 1.52 0.00	51.18 1.19 0.00	56.95 0.58 0.01
LINDHRST_69_KV_BK1 356055	54.81 1.79 0.00	54.58 2.26 0.00	53.23 2.04 0.00	42.24 1.61 0.00	38.78 1.40 0.00	50.42 1.72 0.00	52.83 1.88 0.00	55.36 1.88 0.00	52.96 1.91 0.00	60.67 2.10 0.00	58.46 3.02 0.00	62.72 4.03 0.00	63.73 4.52 0.00	67.96 4.82 0.00	89.44 6.42 0.00	79.85 5.62 0.00	69.77 5.48 -0.27	54.90 4.61 0.00	53.93 3.74 0.00	50.79 3.35 0.00	50.56 2.82 0.00	52.88 2.09 0.00	51.66 1.66 0.00	37.04 0.94 20.28
LIPA_MISC_IPP 23656	54.51 1.49 0.00	54.36 2.04 0.00	53.06 1.86 0.00	42.10 1.48 0.00	38.64 1.26 0.00	50.28 1.58 0.00	52.69 1.73 0.00	55.10 1.62 0.00	52.67 1.62 0.00	60.17 1.60 0.00	58.03 2.59 0.00	62.09 3.39 0.00	63.17 3.97 0.00	67.27 4.13 0.00	88.50 5.48 0.00	78.83 4.60 0.00	71.94 4.83 -3.09	54.51 4.21 0.00	53.52 3.32 0.00	50.33 2.89 0.00	50.24 2.50 0.00	52.44 1.65 0.00	51.31 1.31 0.00	33.06 0.54 23.86
LISF____SOLAR 323691	54.68 1.66 0.00	54.51 2.20 0.00	53.20 2.01 0.00	42.21 1.59 0.00	38.74 1.36 0.00	50.41 1.72 0.00	52.85 1.89 0.00	55.26 1.78 0.00	52.83 1.78 0.00	60.33 1.76 0.00	58.18 2.75 0.00	62.26 3.56 0.00	63.31 4.11 0.00	67.45 4.31 0.00	88.75 5.73 0.00	79.05 4.82 0.00	72.22 4.97 -3.24	54.71 4.42 0.00	53.73 3.54 0.00	50.54 3.10 0.00	50.45 2.71 0.00	52.64 1.86 0.00	51.48 1.48 0.00	33.22 0.66 23.83
LITTLE FALLS____HYD 24013	53.67 0.65 0.00	53.03 0.72 0.00	52.19 0.99 0.00	41.43 0.80 0.00	38.23 0.85 0.00	49.72 1.03 0.00	51.72 0.77 0.00	54.07 0.59 0.00	51.15 0.10 0.00	57.79 -0.77 0.00	55.32 -0.11 0.00	59.73 1.03 0.00	61.10 1.90 0.00	65.92 2.79 0.00	87.68 4.65 0.00	76.95 2.73 0.00	67.02 3.00 0.00	52.68 2.39 0.00	53.13 2.94 0.00	50.06 2.61 0.00	50.35 2.61 0.00	53.41 2.63 0.00	51.76 1.76 0.00	57.75 1.37 0.00

LITTLRIV_115KV_TB1 356100	56.26 3.23 -0.01	55.49 3.17 0.00	54.09 2.89 0.00	42.89 2.27 0.00	39.36 1.98 0.00	51.52 2.82 0.00	53.93 2.98 0.00	56.04 2.56 0.00	53.32 2.27 0.00	61.57 3.00 0.00	56.73 1.30 0.00	58.59 -0.11 0.00	58.76 -0.44 0.00	62.33 -0.80 0.00	81.01 -2.01 0.00	72.80 -1.43 0.00	62.82 -1.20 0.00	49.66 -0.63 0.00	49.57 -0.62 0.00	47.47 0.02 0.00	48.10 0.36 0.00	51.39 0.61 0.00	51.50 1.51 0.00	58.76 2.38 0.00
LI_NEWBRDGE___DRP 323616	53.73 0.71 0.00	53.49 1.18 0.00	52.25 1.06 0.00	41.49 0.87 0.00	38.12 0.74 0.00	49.53 0.83 0.00	51.81 0.86 0.00	54.31 0.83 0.00	51.98 0.93 0.00	59.58 1.01 0.00	57.43 1.99 0.00	61.65 2.95 0.00	62.55 3.35 0.00	66.73 3.59 0.00	87.87 4.84 0.00	78.43 4.20 0.00	68.14 4.12 0.00	53.66 3.37 0.00	52.75 2.57 0.00	49.71 2.26 0.00	49.56 1.82 0.00	51.94 1.16 0.00	50.79 0.79 0.00	30.62 0.07 25.83
LOCKPORT_115KV_TB60_63_64 80432	55.14 2.12 0.00	53.49 1.18 0.00	51.77 0.57 0.00	40.76 0.14 0.00	37.59 0.21 0.00	49.50 0.80 0.00	52.35 1.40 0.00	54.75 1.27 0.00	52.51 1.46 0.00	61.20 2.63 0.00	59.26 3.82 0.00	62.90 4.20 0.00	62.07 2.87 0.00	65.55 2.42 0.00	85.96 2.93 0.00	77.33 3.10 0.00	65.43 1.41 0.00	51.10 0.81 0.00	51.93 1.74 0.00	49.25 1.80 0.00	50.22 2.48 0.00	53.38 2.60 0.00	52.18 2.19 0.00	58.81 2.43 0.00
LOCKPORT___CC1 323769	54.83 1.81 0.00	53.21 0.89 0.00	51.49 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.08 1.12 0.00	54.47 0.99 0.00	52.26 1.21 0.00	60.95 2.38 0.00	59.01 3.60 0.02	62.62 3.92 0.00	61.81 2.60 0.00	65.25 2.12 0.00	85.59 2.56 0.00	76.99 2.76 0.00	65.15 1.13 0.00	50.85 0.56 0.00	51.69 1.50 0.00	49.02 1.57 0.00	49.68 2.22 0.28	45.96 2.35 7.17	51.94 1.95 0.00	58.55 2.17 0.00
LOCKPORT___CC2 323770	54.83 1.81 0.00	53.21 0.89 0.00	51.49 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.08 1.12 0.00	54.47 0.99 0.00	52.26 1.21 0.00	60.95 2.38 0.00	59.01 3.60 0.02	62.62 3.92 0.00	61.81 2.60 0.00	65.25 2.12 0.00	85.59 2.56 0.00	76.99 2.76 0.00	65.15 1.13 0.00	50.85 0.56 0.00	51.69 1.50 0.00	49.02 1.57 0.00	49.68 2.22 0.28	45.96 2.35 7.17	51.94 1.95 0.00	58.55 2.17 0.00
LOCKPORT___CC3 323771	54.83 1.81 0.00	53.21 0.89 0.00	51.49 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.08 1.12 0.00	54.47 0.99 0.00	52.26 1.21 0.00	60.95 2.38 0.00	59.01 3.60 0.02	62.62 3.92 0.00	61.81 2.60 0.00	65.25 2.12 0.00	85.59 2.56 0.00	76.99 2.76 0.00	65.15 1.13 0.00	50.85 0.56 0.00	51.69 1.50 0.00	49.02 1.57 0.00	49.68 2.22 0.28	45.96 2.35 7.17	51.94 1.95 0.00	58.55 2.17 0.00
LOCUSVLY_69_KV_BK2 55797	54.36 1.33 0.00	54.03 1.72 0.00	52.79 1.59 0.00	41.91 1.29 0.00	38.51 1.13 0.00	50.02 1.32 0.00	52.31 1.36 0.00	54.89 1.42 0.00	52.53 1.49 0.00	60.36 1.80 0.00	58.45 3.01 0.00	62.72 4.03 0.00	63.65 4.45 0.00	68.00 4.87 0.00	89.63 6.60 0.00	80.14 5.91 0.00	69.50 5.48 0.00	54.61 4.32 0.00	53.66 3.48 0.00	50.49 3.04 0.00	50.17 2.43 0.00	52.58 1.80 0.00	51.33 1.33 0.00	45.45 0.69 11.62
LONG_LAKE_PHOENIX 24014	52.42 -0.60 0.00	51.50 -0.81 0.00	50.33 -0.87 0.00	39.91 -0.71 0.00	36.74 -0.64 0.00	47.85 -0.85 0.00	50.25 -0.70 0.00	52.74 -0.74 0.00	50.41 -0.64 0.00	59.00 -0.46 -0.89	55.73 0.05 -0.25	59.98 0.22 -1.06	59.27 0.07 0.00	63.02 -0.11 0.00	83.01 -0.02 0.00	74.28 0.04 0.00	63.93 -0.09 0.00	50.21 -0.08 0.00	50.32 0.13 0.00	47.65 0.20 0.00	48.17 0.22 -0.21	50.88 0.09 0.00	49.89 -0.26 -0.15	57.41 -0.62 -1.64
LOVETT___3 23632	53.42 0.40 0.00	52.92 0.61 0.00	51.91 0.71 0.00	41.24 0.62 0.00	37.92 0.54 0.00	49.21 0.51 0.00	51.45 0.50 0.00	54.09 0.61 0.00	51.91 0.86 0.00	59.69 1.13 0.00	57.48 2.04 0.00	61.82 3.12 0.00	62.59 3.38 0.00	67.01 3.87 0.00	88.20 5.18 0.00	78.92 4.69 0.00	68.34 4.32 0.00	53.56 3.27 0.00	52.90 2.71 0.00	49.87 2.43 0.00	49.85 2.10 0.00	52.35 1.57 0.00	51.11 1.12 0.00	57.08 0.70 0.00
LOVETT___4 23642	53.42 0.40 0.00	52.92 0.61 0.00	51.91 0.71 0.00	41.24 0.62 0.00	37.92 0.54 0.00	49.21 0.51 0.00	51.45 0.50 0.00	54.09 0.61 0.00	51.91 0.86 0.00	59.69 1.13 0.00	57.48 2.04 0.00	61.82 3.12 0.00	62.59 3.38 0.00	67.01 3.87 0.00	88.20 5.18 0.00	78.92 4.69 0.00	68.34 4.32 0.00	53.56 3.27 0.00	52.90 2.71 0.00	49.87 2.43 0.00	49.85 2.10 0.00	52.35 1.57 0.00	51.11 1.12 0.00	57.08 0.70 0.00
LOVETT___5 23593	53.42 0.40 0.00	52.92 0.61 0.00	51.91 0.71 0.00	41.24 0.62 0.00	37.92 0.54 0.00	49.21 0.51 0.00	51.45 0.50 0.00	54.09 0.61 0.00	51.91 0.86 0.00	59.69 1.13 0.00	57.48 2.04 0.00	61.82 3.12 0.00	62.59 3.38 0.00	67.01 3.87 0.00	88.20 5.18 0.00	78.92 4.69 0.00	68.34 4.32 0.00	53.56 3.27 0.00	52.90 2.71 0.00	49.87 2.43 0.00	49.85 2.10 0.00	52.35 1.57 0.00	51.11 1.12 0.00	57.08 0.70 0.00
LOWER RAQUET___HYD 24057	55.15 2.12 -0.01	54.49 2.18 0.00	53.09 1.90 0.00	42.10 1.48 0.00	38.63 1.25 0.00	50.50 1.80 0.00	52.77 1.82 0.00	54.83 1.35 0.00	52.13 1.08 0.00	60.19 1.55 -0.08	55.55 0.09 -0.02	57.70 -1.09 -0.09	57.80 -1.41 0.00	61.13 -2.00 0.00	79.63 -3.40 0.00	71.53 -2.70 0.00	61.74 -2.28 0.00	48.66 -1.63 0.00	48.66 -1.53 0.00	46.35 -1.10 0.00	46.96 -0.80 -0.02	50.16 -0.62 0.00	50.38 0.37 -0.01	57.65 1.13 -0.14
LOWER___HUDSON 24059	53.75 0.73 0.00	53.15 0.84 0.00	52.14 0.94 0.00	41.30 0.68 0.00	38.10 0.72 0.00	49.60 0.91 0.00	51.80 0.85 0.00	54.41 0.93 0.00	51.94 0.89 0.00	59.31 0.75 0.00	56.49 1.05 0.00	60.44 1.74 0.00	61.27 2.06 0.00	65.60 2.46 0.00	86.41 3.38 0.00	76.79 2.56 0.00	66.47 2.45 0.00	52.28 1.99 0.00	52.06 1.87 0.00	49.07 1.62 0.00	49.38 1.64 0.00	52.29 1.51 0.00	51.10 1.10 0.00	57.31 0.93 0.00
LOWVILLE_115KV_TB2 356335	56.61 3.58 0.00	55.52 3.21 0.00	54.24 3.04 0.00	42.98 2.35 0.00	39.15 1.77 0.00	51.19 2.50 0.00	53.89 2.94 0.00	56.46 2.98 0.00	52.86 1.81 0.00	62.24 3.49 -0.18	59.18 3.69 -0.05	62.47 3.56 -0.21	62.08 2.88 0.00	65.38 2.25 0.00	85.37 2.34 0.00	76.55 2.32 0.00	66.27 2.25 0.00	52.27 1.98 0.00	52.67 2.48 0.00	50.55 3.10 0.00	51.17 3.39 -0.04	54.06 3.28 0.00	52.66 2.63 -0.03	59.67 2.96 -0.33
LUTHERFT_115KV_GLOB_FND_222 355753	54.75 1.72 0.00	54.06 1.75 0.00	53.00 1.80 0.00	41.97 1.35 0.00	38.74 1.36 0.00	50.51 1.81 0.00	52.80 1.84 0.00	55.48 2.00 0.00	52.86 1.81 0.00	60.35 1.78 0.00	57.32 1.89 0.00	61.34 2.64 0.00	62.25 3.05 0.00	66.74 3.61 0.00	87.97 4.94 0.00	78.20 3.97 0.00	67.67 3.65 0.00	53.23 2.94 0.00	53.24 3.05 0.00	50.22 2.77 0.00	50.51 2.77 0.00	53.45 2.67 0.00	52.17 2.17 0.00	58.48 2.10 0.00

LUTHERNY_35_KV_BK2 355980	54.77 1.74 0.00	54.10 1.79 0.00	53.02 1.82 0.00	41.99 1.37 0.00	38.75 1.37 0.00	50.55 1.86 0.00	52.84 1.89 0.00	55.53 2.05 0.00	52.92 1.87 0.00	60.41 1.85 0.00	57.33 1.90 0.00	61.40 2.70 0.00	62.35 3.15 0.00	66.84 3.71 0.00	88.11 5.08 0.00	78.29 4.06 0.00	67.73 3.71 0.00	53.29 2.99 0.00	53.34 3.15 0.00	50.30 2.85 0.00	50.56 2.81 0.00	53.53 2.75 0.00	52.23 2.24 0.00	58.61 2.22 0.00
LWR___OSWEGATCHIE_HYD 23850	55.99 2.96 0.00	55.08 2.77 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.61 1.57 0.00	61.42 2.70 -0.15	57.52 2.05 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.41 0.28 0.00	82.64 -0.39 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.54 0.25 0.00	50.74 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
LYONS_FALL_HYD 23570	55.87 2.84 0.00	54.87 2.56 0.00	53.64 2.45 0.00	42.50 1.88 0.00	38.86 1.48 0.00	50.76 2.06 0.00	53.35 2.40 0.00	55.93 2.45 0.00	52.73 1.68 0.00	61.61 2.92 -0.13	58.57 3.10 -0.04	62.03 3.18 -0.16	61.90 2.70 0.00	65.43 2.29 0.00	85.62 2.59 0.00	76.72 2.50 0.00	66.36 2.34 0.00	52.33 2.03 0.00	52.57 2.37 0.00	50.24 2.79 0.00	50.71 2.93 -0.03	53.65 2.87 0.00	52.38 2.37 -0.02	59.17 2.55 -0.24
MADISON___COUNTY_LFGE 323628	55.05 2.03 0.00	54.11 1.79 0.00	52.93 1.73 0.00	41.92 1.30 0.00	38.55 1.17 0.00	50.28 1.59 0.00	52.79 1.84 0.00	55.37 1.89 0.00	52.72 1.67 0.00	61.04 2.32 -0.15	58.15 2.67 -0.04	61.76 2.89 -0.17	61.63 2.43 0.00	65.39 2.26 0.00	85.83 2.80 0.00	76.83 2.60 0.00	66.38 2.36 0.00	52.32 2.02 0.00	52.43 2.24 0.00	49.88 2.43 0.00	50.20 2.43 -0.04	53.26 2.47 0.00	52.26 2.24 -0.02	58.89 2.24 -0.27
MALONE___115KV_TB1 356076	54.84 1.82 0.00	54.07 1.76 0.00	52.71 1.51 0.00	41.78 1.16 0.00	38.39 1.01 0.00	50.19 1.49 0.00	52.63 1.68 0.00	55.25 1.77 0.00	52.71 1.66 0.00	60.69 2.12 0.00	55.93 0.50 0.00	58.32 -0.38 0.00	58.73 -0.48 0.00	62.34 -0.79 0.00	81.94 -1.08 0.00	73.38 -0.85 0.00	63.32 -0.70 0.00	49.98 -0.31 0.00	50.07 -0.12 0.00	47.38 -0.07 0.00	47.98 0.24 0.00	51.41 0.62 0.00	51.16 1.16 0.00	57.95 1.57 0.00
MAPLEWOD_115KV_TB3 80458	53.35 0.33 0.00	52.74 0.43 0.00	51.77 0.57 0.00	41.05 0.43 0.00	37.82 0.44 0.00	49.21 0.51 0.00	51.34 0.39 0.00	53.92 0.45 0.00	51.54 0.49 0.00	58.98 0.41 0.00	56.25 0.81 0.00	60.20 1.50 0.00	61.07 1.87 0.00	65.36 2.23 0.00	85.89 2.87 0.00	76.35 2.12 0.00	66.01 1.99 0.00	51.99 1.70 0.00	51.71 1.52 0.00	48.73 1.29 0.00	49.01 1.26 0.00	51.87 1.09 0.00	50.71 0.71 0.00	56.82 0.44 0.00
MAPLE_RIDGE_WT_1 323574	53.01 -0.02 0.00	52.32 0.01 0.00	51.17 -0.02 0.00	40.61 -0.01 0.00	37.14 -0.24 0.00	48.58 -0.12 0.00	50.89 -0.07 0.00	53.39 -0.09 0.00	50.49 -0.56 0.00	58.16 -0.41 0.00	55.16 -0.28 0.00	58.20 -0.50 0.00	58.66 -0.54 0.00	62.44 -0.70 0.00	82.10 -0.93 0.00	73.48 -0.75 0.00	63.41 -0.61 0.00	49.81 -0.48 0.00	49.78 -0.41 0.00	47.11 -0.34 0.00	47.41 -0.33 0.00	50.45 -0.33 0.00	49.77 -0.23 0.00	56.36 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	53.01 -0.02 0.00	52.32 0.01 0.00	51.17 -0.02 0.00	40.61 -0.01 0.00	37.14 -0.24 0.00	48.58 -0.12 0.00	50.89 -0.07 0.00	53.39 -0.09 0.00	50.49 -0.56 0.00	58.16 -0.41 0.00	55.16 -0.28 0.00	58.20 -0.50 0.00	58.66 -0.54 0.00	62.44 -0.70 0.00	82.10 -0.93 0.00	73.48 -0.75 0.00	63.41 -0.61 0.00	49.81 -0.48 0.00	49.78 -0.41 0.00	47.11 -0.34 0.00	47.41 -0.33 0.00	50.45 -0.33 0.00	49.77 -0.23 0.00	56.36 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	53.58 0.56 0.00	52.90 0.59 0.00	51.61 0.41 0.00	40.91 0.29 0.00	37.65 0.27 0.00	49.18 0.48 0.00	51.57 0.62 0.00	54.27 0.79 0.00	51.81 0.76 0.00	59.40 0.84 0.00	54.59 -0.85 0.00	57.00 -1.70 0.00	57.84 -1.36 0.00	61.46 -1.68 0.00	81.08 -1.94 0.00	72.61 -1.62 0.00	62.52 -1.50 0.00	49.32 -0.97 0.00	49.38 -0.81 0.00	46.66 -0.79 0.00	47.12 -0.62 0.00	50.53 -0.26 0.00	50.22 0.21 0.00	56.88 0.50 0.00
MARSHVLE_115KV_TB1 80742	56.23 3.21 0.00	55.31 3.00 0.00	53.96 2.76 0.00	42.77 2.15 0.00	39.30 1.92 0.00	51.35 2.64 0.00	53.88 2.92 0.00	56.06 2.58 0.00	52.74 1.70 0.00	60.47 1.91 0.00	57.21 1.77 0.00	61.25 2.56 0.00	61.58 2.38 0.00	65.63 2.49 0.00	87.26 4.23 0.00	77.55 3.32 0.00	67.04 3.02 0.00	52.72 2.42 0.00	53.15 2.96 0.00	50.58 3.13 0.00	50.99 3.25 0.00	54.07 3.29 0.00	53.10 3.10 0.00	59.70 3.32 0.00
MARSH_HILL_WT_PWR 323713	55.32 2.30 0.00	53.92 1.61 0.00	52.40 1.21 0.00	41.30 0.68 0.00	37.74 0.36 0.00	48.86 0.16 0.00	51.60 0.64 0.00	54.78 1.30 0.00	52.92 1.88 0.00	61.18 2.50 -0.11	59.01 3.54 -0.03	62.34 3.51 -0.13	61.89 2.69 0.00	64.95 1.82 0.00	85.41 2.39 0.00	76.70 2.47 0.00	65.57 1.55 0.00	51.86 1.56 0.00	52.76 2.57 0.00	50.62 3.17 0.00	51.38 3.61 -0.03	54.77 3.99 0.00	52.92 2.91 -0.02	59.49 2.90 -0.21
MCINTYRE_115KV_TB2 80467	56.60 3.57 -0.01	55.78 3.47 0.00	54.37 3.17 0.00	43.11 2.49 0.00	39.58 2.21 0.00	51.81 3.11 0.00	54.33 3.38 0.00	56.50 3.02 0.00	53.78 2.73 0.00	62.08 3.51 0.00	57.14 1.71 0.00	58.86 0.16 0.00	59.02 -0.18 0.00	62.75 -0.39 0.00	81.50 -1.53 0.00	73.30 -0.93 0.00	63.18 -0.84 0.00	50.10 -0.20 0.00	49.81 -0.38 0.00	47.88 0.43 0.00	48.55 0.80 0.00	51.89 1.11 0.00	51.96 1.96 0.00	59.23 2.85 0.00
MECO_____69_KV_BK1 80468	56.68 3.66 0.00	55.75 3.44 0.00	54.45 3.26 0.00	43.14 2.52 0.00	39.69 2.31 0.00	51.81 3.11 0.00	54.30 3.35 0.00	56.55 3.07 0.00	52.99 1.94 0.00	60.09 1.53 0.00	56.92 1.49 0.00	60.86 2.16 0.00	61.40 2.21 0.00	66.16 3.03 0.00	88.77 5.75 0.00	78.23 4.00 0.00	67.89 3.87 0.00	53.42 3.13 0.00	54.18 3.99 0.00	51.67 4.22 0.00	52.12 4.38 0.00	55.15 4.37 0.00	53.90 3.91 0.00	60.41 4.03 0.00
MENANDS___115KV_TB5 355628	52.82 -0.20 0.00	52.24 -0.07 0.00	51.33 0.13 0.00	40.71 0.09 0.00	37.51 0.13 0.00	48.80 0.10 0.00	50.89 -0.07 0.00	53.44 -0.04 0.00	51.09 0.04 0.00	58.45 -0.11 0.00	55.75 0.32 0.00	59.67 0.97 0.00	60.48 1.28 0.00	64.65 1.52 0.00	85.04 2.01 0.00	75.62 1.39 0.00	65.39 1.37 0.00	51.49 1.20 0.00	51.17 0.98 0.00	48.21 0.77 0.00	48.47 0.73 0.00	51.31 0.52 0.00	50.17 0.18 0.00	56.24 -0.15 0.00
MG INDUSTRY___DRP 24185	51.78 -1.24 0.00	51.27 -1.05 0.00	50.41 -0.78 0.00	40.01 -0.61 0.00	36.86 -0.52 0.00	47.93 -0.77 0.00	49.91 -1.04 0.00	52.29 -1.19 0.00	49.83 -1.21 0.00	56.96 -1.61 0.00	54.23 -1.21 0.00	57.91 -0.79 0.00	58.71 -0.49 0.00	62.81 -0.32 0.00	82.67 -0.36 0.00	73.58 -0.65 0.00	63.52 -0.50 0.00	50.07 -0.23 0.00	49.83 -0.36 0.00	47.04 -0.41 0.00	47.30 -0.44 0.00	50.13 -0.66 0.00	49.10 -0.90 0.00	55.09 -1.30 0.00

MID___OSWEGATCHIE_HYD 23849	55.99 2.96 0.00	55.08 2.77 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.61 1.57 0.00	61.42 2.70 -0.15	57.52 2.05 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.41 0.28 0.00	82.64 -0.39 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.54 0.25 0.00	50.74 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
MID___RAQUETTE_HYD 23851	55.15 2.11 -0.01	54.49 2.18 0.00	53.09 1.90 0.00	42.10 1.48 0.00	38.63 1.25 0.00	50.50 1.80 0.00	52.77 1.82 0.00	54.83 1.35 0.00	52.13 1.08 0.00	60.19 1.55 -0.08	55.55 0.09 -0.02	57.70 -1.09 -0.09	57.80 -1.41 0.00	61.13 -2.00 0.00	79.63 -3.40 0.00	71.53 -2.70 0.00	61.74 -2.28 0.00	48.67 -1.63 0.00	48.66 -1.53 0.00	46.35 -1.10 0.00	46.96 -0.80 -0.02	50.16 -0.62 0.00	50.38 0.36 -0.01	57.65 1.13 -0.14
MILLIKEN___1 23584	54.51 1.48 0.00	53.48 1.17 0.00	52.24 1.05 0.00	41.41 0.79 0.00	38.18 0.80 0.00	49.74 1.04 0.00	52.19 1.24 0.00	54.88 1.40 0.00	52.38 1.33 0.00	60.61 1.74 -0.31	57.88 2.36 -0.09	61.91 2.85 -0.37	61.41 2.21 0.00	65.15 2.02 0.00	85.78 2.75 0.00	76.96 2.73 0.00	66.41 2.39 0.00	52.44 2.15 0.00	52.66 2.47 0.00	50.03 2.58 0.00	50.37 2.55 -0.07	53.30 2.52 0.00	51.97 1.92 -0.05	58.78 1.82 -0.58
MILLIKEN___2 23585	54.51 1.48 0.00	53.48 1.17 0.00	52.24 1.05 0.00	41.41 0.79 0.00	38.18 0.80 0.00	49.74 1.04 0.00	52.19 1.24 0.00	54.88 1.40 0.00	52.38 1.33 0.00	60.61 1.74 -0.31	57.88 2.36 -0.09	61.91 2.85 -0.37	61.41 2.21 0.00	65.15 2.02 0.00	85.78 2.75 0.00	76.96 2.73 0.00	66.41 2.39 0.00	52.44 2.15 0.00	52.66 2.47 0.00	50.03 2.58 0.00	50.37 2.55 -0.07	53.30 2.52 0.00	51.97 1.92 -0.05	58.78 1.82 -0.58
MILLIKEN___DIESEL 23629	54.51 1.48 0.00	53.48 1.17 0.00	52.24 1.05 0.00	41.41 0.79 0.00	38.18 0.80 0.00	49.74 1.04 0.00	52.19 1.24 0.00	54.88 1.40 0.00	52.38 1.33 0.00	60.61 1.74 -0.31	57.88 2.36 -0.09	61.91 2.85 -0.37	61.41 2.21 0.00	65.15 2.02 0.00	85.78 2.75 0.00	76.96 2.73 0.00	66.41 2.39 0.00	52.44 2.15 0.00	52.66 2.47 0.00	50.03 2.58 0.00	50.37 2.55 -0.07	53.30 2.52 0.00	51.97 1.92 -0.05	58.78 1.82 -0.58
MILLSEAT___LFGE 323607	56.43 3.41 0.00	54.75 2.44 0.00	53.01 1.82 0.00	41.74 1.12 0.00	38.49 1.11 0.00	50.68 1.98 0.00	53.60 2.65 0.00	56.16 2.68 0.00	53.89 2.84 0.00	62.76 4.19 0.00	60.47 5.05 0.02	64.24 5.55 0.00	63.69 4.49 0.00	67.34 4.21 0.00	88.01 4.98 0.00	78.99 4.76 0.00	67.09 3.07 0.00	52.66 2.36 0.00	53.47 3.28 0.00	50.81 3.36 0.00	51.52 4.04 0.25	48.46 4.16 6.49	53.56 3.56 0.00	60.16 3.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.57 0.55 0.00	53.12 0.80 0.00	52.11 0.91 0.00	41.40 0.78 0.00	38.07 0.69 0.00	49.39 0.69 0.00	51.63 0.68 0.00	54.30 0.82 0.00	52.12 1.07 0.00	59.89 1.33 0.00	57.66 2.22 0.00	61.97 3.27 0.00	62.75 3.55 0.00	67.14 4.01 0.00	88.42 5.39 0.00	79.07 4.84 0.00	68.45 4.43 0.00	53.66 3.37 0.00	53.00 2.81 0.00	49.95 2.50 0.00	49.95 2.21 0.00	52.48 1.70 0.00	51.27 1.27 0.00	57.22 0.84 0.00
MILLWOOD_13_KV_LOAD 356217	53.68 0.66 0.00	53.22 0.91 0.00	52.21 1.01 0.00	41.47 0.85 0.00	38.15 0.76 0.00	49.49 0.79 0.00	51.75 0.79 0.00	54.41 0.93 0.00	52.23 1.18 0.00	60.03 1.47 0.00	57.81 2.37 0.00	62.13 3.43 0.00	62.94 3.74 0.00	67.34 4.20 0.00	88.68 5.65 0.00	79.32 5.09 0.00	68.66 4.64 0.00	53.81 3.52 0.00	53.15 2.96 0.00	50.09 2.64 0.00	50.08 2.34 0.00	52.60 1.82 0.00	51.38 1.38 0.00	57.34 0.96 0.00
MODEL_CITY_ENERGY 24167	54.79 1.76 0.00	53.19 0.88 0.00	51.48 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.06 1.11 0.00	54.38 0.91 0.00	52.14 1.09 0.00	60.75 2.19 0.00	58.83 3.43 0.03	62.43 3.73 0.00	61.57 2.37 0.00	65.03 1.89 0.00	85.23 2.20 0.00	76.71 2.48 0.00	64.86 0.84 0.00	50.60 0.31 0.00	51.42 1.23 0.00	48.75 1.30 0.00	49.43 1.99 0.30	45.27 2.07 7.58	51.75 1.75 0.00	58.43 2.05 0.00
MODERN_LFGE___ 323580	54.79 1.76 0.00	53.19 0.88 0.00	51.48 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.06 1.11 0.00	54.38 0.91 0.00	52.14 1.09 0.00	60.75 2.19 0.00	58.83 3.43 0.03	62.43 3.73 0.00	61.57 2.37 0.00	65.03 1.89 0.00	85.23 2.20 0.00	76.71 2.48 0.00	64.86 0.84 0.00	50.60 0.31 0.00	51.42 1.23 0.00	48.75 1.30 0.00	49.43 1.99 0.30	45.27 2.07 7.58	51.75 1.75 0.00	58.43 2.05 0.00
MOHAWK_PAPER___DRP 24187	53.35 0.33 0.00	52.74 0.43 0.00	51.77 0.57 0.00	41.05 0.43 0.00	37.82 0.44 0.00	49.21 0.51 0.00	51.34 0.39 0.00	53.92 0.45 0.00	51.54 0.49 0.00	58.98 0.41 0.00	56.25 0.81 0.00	60.20 1.50 0.00	61.07 1.87 0.00	65.36 2.23 0.00	85.89 2.87 0.00	76.35 2.12 0.00	66.01 1.99 0.00	51.99 1.70 0.00	51.71 1.52 0.00	48.73 1.29 0.00	49.01 1.26 0.00	51.87 1.09 0.00	50.71 0.71 0.00	56.82 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	55.02 1.99 0.00	54.30 1.99 0.00	53.23 2.03 0.00	42.11 1.48 0.00	39.02 1.64 0.00	50.93 2.23 0.00	53.36 2.40 0.00	56.19 2.71 0.00	53.47 2.42 0.00	60.71 2.15 0.00	57.47 2.03 0.00	61.60 2.91 0.00	62.59 3.38 0.00	66.99 3.86 0.00	88.81 5.78 0.00	78.90 4.67 0.00	68.37 4.35 0.00	53.76 3.46 0.00	53.89 3.70 0.00	50.77 3.32 0.00	51.07 3.33 0.00	54.02 3.24 0.00	52.60 2.61 0.00	58.87 2.49 0.00
MONGAUP___HYD 23641	54.41 1.39 0.00	53.75 1.44 0.00	52.65 1.46 0.00	41.77 1.15 0.00	38.41 1.03 0.00	49.94 1.24 0.00	52.24 1.29 0.00	54.87 1.39 0.00	52.36 1.31 0.00	59.77 1.20 0.00	57.21 1.77 0.00	61.40 2.70 0.00	62.42 3.22 0.00	66.81 3.67 0.00	89.06 6.03 0.00	79.86 5.63 0.00	68.56 4.54 0.00	53.30 3.01 0.00	52.89 2.69 0.00	50.57 3.12 0.00	50.68 2.93 0.00	53.35 2.57 0.00	52.04 2.04 0.00	58.26 1.88 0.00
MONTAUK___DIESEL 23721	56.71 3.69 0.00	56.14 3.83 0.00	55.29 4.09 0.00	43.84 3.22 0.00	40.31 2.93 0.00	52.53 3.83 0.00	55.06 4.10 0.00	57.50 4.02 0.00	54.95 3.90 0.00	62.36 3.79 0.00	59.57 4.14 0.00	63.66 4.97 0.00	64.76 5.56 0.00	68.81 5.67 0.00	89.68 6.65 0.00	80.25 6.02 0.00	73.18 6.01 -3.14	55.30 5.00 0.00	54.13 3.94 0.00	50.58 3.14 0.00	51.26 3.52 0.00	53.46 2.68 0.00	52.03 2.03 0.00	34.82 2.29 23.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.20 3.18 0.00	53.73 1.42 0.00	51.36 0.16 0.00	40.17 -0.45 0.00	37.46 0.08 0.00	50.55 1.86 0.00	53.16 2.21 0.00	55.65 2.17 0.00	53.60 2.55 0.00	62.96 4.39 0.00	61.27 5.83 0.00	65.01 6.31 0.00	63.80 4.60 0.00	67.42 4.28 0.00	88.51 5.48 0.00	79.62 5.39 0.00	67.93 3.91 0.00	53.41 3.12 0.00	54.40 4.21 0.00	51.70 4.25 0.00	52.17 4.42 0.00	55.23 4.45 0.00	53.69 3.69 0.00	60.39 4.01 0.00

MORRIS_RIDGE___SOLAR 323848	54.64 1.62 0.00	53.20 0.89 0.00	51.69 0.49 0.00	40.76 0.14 0.00	37.48 0.11 0.00	48.77 0.08 0.00	51.59 0.64 0.00	54.34 0.86 0.00	52.16 1.11 0.00	60.52 1.86 -0.09	58.08 2.62 -0.02	61.48 2.69 -0.10	61.09 1.89 0.00	64.50 1.37 0.00	84.77 1.74 0.00	75.93 1.70 0.00	64.82 0.80 0.00	50.99 0.70 0.00	51.99 1.80 0.00	49.86 2.42 0.00	50.62 2.86 -0.02	53.87 3.08 0.00	52.19 2.18 -0.01	58.77 2.23 -0.16
MORTIMER_115KV_TB3 55949	55.02 2.00 0.00	53.64 1.32 0.00	52.11 0.91 0.00	41.16 0.54 0.00	37.93 0.55 0.00	49.75 1.05 0.00	52.49 1.53 0.00	55.05 1.58 0.00	52.83 1.78 0.00	61.33 2.76 0.00	59.01 3.58 0.00	62.71 4.02 0.00	62.60 3.40 0.00	66.42 3.29 0.00	87.30 4.27 0.00	78.36 4.13 0.00	66.77 2.75 0.00	52.33 2.03 0.00	52.89 2.70 0.00	50.08 2.63 0.00	50.69 2.95 0.00	53.83 3.05 0.00	52.44 2.44 0.00	58.76 2.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.68 0.66 0.00	53.31 1.00 0.00	52.33 1.13 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.60 0.90 0.00	51.86 0.90 0.00	54.52 1.04 0.00	52.41 1.36 0.00	60.23 1.67 0.00	58.03 2.59 0.00	62.36 3.66 0.00	63.08 3.87 0.00	67.43 4.30 0.00	88.82 5.79 0.00	79.42 5.19 0.00	68.77 4.75 0.00	53.88 3.59 0.00	53.17 2.98 0.00	50.13 2.68 0.00	50.15 2.41 0.00	52.67 1.89 0.00	51.52 1.52 0.00	57.41 1.03 0.00
MUNSVILLE_WIND_PWR 323609	56.92 3.89 0.00	55.87 3.56 0.00	54.61 3.41 0.00	43.23 2.60 0.00	39.92 2.54 0.00	52.17 3.47 0.00	54.84 3.89 0.00	57.61 4.14 0.00	55.24 4.19 0.00	63.60 4.83 -0.20	60.93 5.43 -0.07	65.63 6.70 -0.24	65.09 5.88 0.00	69.02 5.89 0.00	91.44 8.41 0.00	81.93 7.70 0.00	70.65 6.63 0.00	56.28 5.99 0.00	56.65 6.46 0.00	53.64 6.19 0.00	54.06 6.17 -0.14	59.40 6.22 -2.39	55.23 5.20 -0.03	62.06 5.30 -0.37
N SALMON___HYD 24042	54.84 1.82 0.00	54.07 1.76 0.00	52.71 1.51 0.00	41.78 1.16 0.00	38.39 1.01 0.00	50.19 1.49 0.00	52.64 1.68 0.00	55.25 1.77 0.00	52.71 1.66 0.00	60.69 2.12 0.00	55.94 0.50 0.00	58.32 -0.38 0.00	58.73 -0.48 0.00	62.34 -0.80 0.00	81.95 -1.08 0.00	73.38 -0.85 0.00	63.32 -0.70 0.00	49.99 -0.31 0.00	50.07 -0.12 0.00	47.38 -0.07 0.00	47.98 0.24 0.00	51.41 0.63 0.00	51.15 1.16 0.00	57.95 1.57 0.00
N.AKRON__115KV_KNAPP 355671	56.07 3.04 0.00	54.39 2.08 0.00	52.66 1.46 0.00	41.45 0.83 0.00	38.23 0.85 0.00	50.34 1.64 0.00	53.24 2.29 0.00	55.74 2.26 0.00	53.49 2.44 0.00	62.30 3.74 0.00	60.14 4.71 0.00	63.91 5.21 0.00	63.23 4.03 0.00	66.82 3.69 0.00	87.49 4.47 0.00	78.62 4.39 0.00	66.65 2.62 0.00	52.21 1.92 0.00	53.03 2.84 0.00	50.37 2.92 0.00	51.32 3.58 0.00	54.48 3.70 0.00	53.15 3.15 0.00	59.77 3.39 0.00
N.E_GEN_SANDY PD 24062	51.92 0.15 1.26	52.68 0.36 0.00	52.42 0.47 -0.76	39.16 0.30 1.76	37.73 0.35 0.00	49.07 0.38 0.00	52.26 0.33 -0.98	53.19 0.39 0.69	52.86 0.53 -1.29	56.45 0.39 2.50	56.38 0.94 0.00	60.46 1.76 0.00	61.30 2.10 0.00	65.57 2.44 0.00	88.54 3.39 -2.13	72.90 2.67 4.00	66.68 2.66 0.00	52.35 2.11 0.05	51.91 1.72 0.00	48.83 1.38 0.00	49.50 1.32 -0.45	50.91 1.03 0.91	50.64 0.64 0.00	56.68 0.30 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.57 0.55 0.00	53.05 0.74 0.00	52.01 0.81 0.00	41.32 0.70 0.00	37.99 0.60 0.00	49.29 0.59 0.00	51.54 0.58 0.00	54.20 0.71 0.00	52.02 0.97 0.00	59.84 1.28 0.00	57.66 2.23 0.00	62.05 3.35 0.00	62.85 3.65 0.00	67.31 4.18 0.00	88.64 5.61 0.00	79.30 5.07 0.00	68.63 4.61 0.00	53.79 3.50 0.00	53.13 2.94 0.00	50.07 2.62 0.00	50.03 2.29 0.00	52.54 1.76 0.00	51.27 1.27 0.00	57.24 0.86 0.00
N.QUEENS_27_KV_LOAD 356247	53.58 0.55 0.00	53.31 1.00 0.00	52.35 1.15 0.00	41.71 1.09 0.00	38.25 0.87 0.00	49.41 0.71 0.00	51.81 0.86 0.00	54.37 0.89 0.00	52.40 1.35 0.00	59.83 1.27 0.00	57.61 2.18 0.00	61.91 3.22 0.00	62.62 3.41 0.00	66.94 3.81 0.00	88.04 5.01 0.00	78.76 4.53 0.00	68.39 4.37 0.00	53.65 3.36 0.00	52.87 2.68 0.00	50.10 2.65 0.00	49.95 2.21 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.09 0.71 0.00
N.TROY___115KV_TB1 355778	53.75 0.73 0.00	53.15 0.84 0.00	52.14 0.94 0.00	41.30 0.68 0.00	38.10 0.72 0.00	49.60 0.90 0.00	51.80 0.85 0.00	54.40 0.93 0.00	51.94 0.89 0.00	59.32 0.75 0.00	56.50 1.06 0.00	60.44 1.74 0.00	61.27 2.06 0.00	65.60 2.46 0.00	86.40 3.38 0.00	76.79 2.56 0.00	66.47 2.45 0.00	52.28 1.99 0.00	52.05 1.87 0.00	49.07 1.62 0.00	49.38 1.64 0.00	52.29 1.50 0.00	51.10 1.10 0.00	57.31 0.93 0.00
NARROWS_GT1_1 24228	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_2 24229	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_3 24230	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_4 24231	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_5 24232	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00

NARROWS_GT1_6 24233	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_7 24234	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT1_8 24235	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_1 24236	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_2 24237	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_3 24238	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_4 24239	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_5 24240	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_6 24241	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_7 24242	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NARROWS_GT2_8 24243	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.04 3.34 0.00	62.70 3.51 0.01	67.22 4.09 0.00	88.44 5.42 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.11 2.92 0.00	50.30 2.84 0.00	50.18 2.44 0.00	52.57 1.79 0.00	51.53 1.54 0.00	57.26 0.88 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.68 0.66 0.00	52.95 0.64 0.00	51.97 0.78 0.00	41.23 0.61 0.00	37.98 0.60 0.00	49.42 0.72 0.00	51.50 0.55 0.00	54.00 0.52 0.00	51.36 0.31 0.00	58.44 -0.13 0.00	55.54 0.10 0.00	59.36 0.66 0.00	60.25 1.05 0.00	64.86 1.73 0.00	86.62 3.59 0.00	76.78 2.55 0.00	65.88 1.86 0.00	51.97 1.68 0.00	51.83 1.64 0.00	49.00 1.55 0.00	49.33 1.59 0.00	52.18 1.40 0.00	50.91 0.91 0.00	56.96 0.58 0.00
NCHELSEA_115KV_TR2 355582	54.17 1.15 0.00	53.70 1.40 0.00	52.66 1.47 0.00	41.78 1.16 0.00	38.43 1.06 0.00	49.92 1.22 0.00	52.19 1.24 0.00	54.91 1.44 0.00	52.74 1.70 0.00	60.66 2.09 0.00	58.39 2.95 0.00	62.74 4.04 0.00	63.64 4.43 0.00	68.15 5.02 0.00	89.84 6.81 0.00	80.30 6.08 0.00	69.31 5.29 0.00	54.26 3.96 0.00	53.65 3.46 0.00	50.54 3.09 0.00	50.56 2.82 0.00	53.19 2.41 0.00	51.89 1.90 0.00	57.99 1.60 0.00
NEG CAPITAL____MECHNVIL 23645	54.84 1.82 0.00	54.16 1.85 0.00	53.08 1.88 0.00	42.04 1.42 0.00	38.78 1.40 0.00	50.56 1.86 0.00	52.86 1.90 0.00	55.54 2.06 0.00	52.96 1.91 0.00	60.49 1.92 0.00	57.55 2.11 0.00	61.62 2.92 0.00	62.55 3.35 0.00	67.06 3.93 0.00	88.35 5.32 0.00	78.47 4.25 0.00	67.92 3.90 0.00	53.44 3.15 0.00	53.42 3.23 0.00	50.36 2.92 0.00	50.66 2.92 0.00	53.58 2.80 0.00	52.29 2.30 0.00	58.56 2.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	53.85 0.83 0.00	52.55 0.24 0.00	51.11 -0.09 0.00	40.41 -0.21 0.00	37.24 -0.14 0.00	48.77 0.07 0.00	51.54 0.58 0.00	54.10 0.62 0.00	51.88 0.83 0.00	60.19 1.62 0.00	57.74 2.31 0.01	61.32 2.62 0.00	61.30 2.10 0.00	65.17 2.03 0.00	85.69 2.66 0.00	76.86 2.63 0.00	65.62 1.60 0.00	51.47 1.17 0.00	51.92 1.73 0.00	49.17 1.71 0.00	49.56 1.93 0.11	49.95 1.89 2.72	51.28 1.28 0.00	57.42 1.04 0.00

NEG CENTRAL___DRP 24199	54.31 1.29 0.00	53.19 0.88 0.00	51.83 0.63 0.00	41.10 0.48 0.00	37.88 0.50 0.00	49.28 0.59 0.00	51.84 0.88 0.00	54.58 1.10 0.00	52.19 1.14 0.00	60.70 1.82 -0.31	58.03 2.51 -0.09	61.90 2.83 -0.37	61.41 2.21 0.00	65.20 2.07 0.00	85.86 2.84 0.00	77.02 2.80 0.00	66.09 2.07 0.00	52.09 1.80 0.00	52.49 2.30 0.00	49.88 2.43 0.00	50.26 2.45 -0.07	53.23 2.45 0.00	51.76 1.71 -0.05	58.50 1.54 -0.58
NEG CENTRAL___INDECK 23768	55.44 2.42 0.00	53.86 1.55 0.00	52.28 1.08 0.00	41.25 0.63 0.00	37.95 0.57 0.00	49.58 0.88 0.00	52.52 1.56 0.00	55.26 1.78 0.00	52.99 1.95 0.00	61.13 2.57 0.00	58.69 3.26 0.00	62.04 3.35 0.00	61.18 1.98 0.00	64.09 0.96 0.00	83.03 0.00 0.00	74.45 0.23 0.00	64.41 0.39 0.00	50.63 0.34 0.00	51.60 1.41 0.00	49.67 2.23 0.00	50.85 3.11 0.00	55.57 4.79 0.00	53.54 3.54 0.00	59.55 3.16 0.00
NEG CENTRAL___SENECA 23627	54.75 1.73 0.00	53.55 1.24 0.00	52.15 0.95 0.00	41.36 0.74 0.00	38.15 0.77 0.00	49.57 0.87 0.00	52.23 1.28 0.00	55.01 1.53 0.00	52.64 1.60 0.00	61.13 2.39 -0.17	58.65 3.17 -0.05	62.39 3.49 -0.20	61.92 2.71 0.00	65.68 2.55 0.00	86.55 3.53 0.00	77.77 3.54 0.00	66.67 2.65 0.00	52.57 2.28 0.00	53.09 2.90 0.00	50.48 3.04 0.00	50.88 3.10 -0.04	53.91 3.12 0.00	52.26 2.23 -0.03	58.82 2.11 -0.32
NEG CENTRAL___STATE_STREET 24147	54.06 1.03 0.00	53.02 0.70 0.00	51.77 0.58 0.00	41.04 0.41 0.00	37.81 0.43 0.00	49.26 0.56 0.00	51.60 0.65 0.00	54.34 0.86 0.00	51.93 0.88 0.00	60.41 1.43 -0.41	57.58 2.03 -0.11	61.59 2.41 -0.49	61.13 1.92 0.00	64.86 1.73 0.00	85.25 2.23 0.00	76.29 2.06 0.00	65.70 1.68 0.00	51.69 1.40 0.00	51.99 1.80 0.00	49.45 2.00 0.00	49.71 1.87 -0.10	52.58 1.79 0.00	51.40 1.34 -0.07	58.28 1.14 -0.76
NEG MILLWOOD___DRP 24198	54.26 1.23 0.00	53.77 1.46 0.00	52.71 1.51 0.00	41.83 1.21 0.00	38.48 1.10 0.00	49.97 1.27 0.00	52.26 1.31 0.00	54.98 1.51 0.00	52.81 1.76 0.00	60.73 2.16 0.00	58.49 3.06 0.00	62.90 4.20 0.00	63.83 4.62 0.00	68.38 5.25 0.00	90.17 7.14 0.00	80.61 6.38 0.00	69.61 5.59 0.00	54.45 4.16 0.00	53.81 3.62 0.00	50.67 3.22 0.00	50.68 2.94 0.00	53.28 2.50 0.00	51.98 1.98 0.00	58.00 1.61 0.00
NEG NORTH_FLCN_SEA 23793	53.59 0.57 0.00	52.92 0.61 0.00	51.60 0.40 0.00	40.88 0.26 0.00	37.62 0.25 0.00	49.12 0.42 0.00	51.52 0.57 0.00	54.40 0.92 0.00	51.97 0.92 0.00	59.49 0.92 0.00	54.75 -0.68 0.00	57.23 -1.47 0.00	57.90 -1.30 0.00	61.49 -1.65 0.00	81.21 -1.82 0.00	72.65 -1.58 0.00	62.64 -1.38 0.00	49.49 -0.80 0.00	49.53 -0.66 0.00	46.74 -0.71 0.00	47.20 -0.54 0.00	50.66 -0.12 0.00	50.27 0.27 0.00	56.93 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	53.81 0.78 0.00	53.11 0.80 0.00	51.79 0.59 0.00	41.06 0.44 0.00	37.77 0.39 0.00	49.35 0.65 0.00	51.77 0.82 0.00	54.44 0.96 0.00	51.92 0.86 0.00	59.45 0.89 0.00	54.76 -0.68 0.00	57.15 -1.55 0.00	57.81 -1.39 0.00	61.38 -1.75 0.00	81.00 -2.03 0.00	72.54 -1.69 0.00	62.43 -1.59 0.00	49.25 -1.04 0.00	49.38 -0.81 0.00	46.67 -0.78 0.00	47.23 -0.51 0.00	50.64 -0.14 0.00	50.36 0.36 0.00	57.07 0.68 0.00
NEG NORTH___ALICE_FALLS 23915	54.11 1.08 0.00	53.38 1.07 0.00	52.05 0.85 0.00	41.24 0.61 0.00	37.95 0.57 0.00	49.57 0.87 0.00	52.00 1.04 0.00	54.85 1.37 0.00	52.42 1.37 0.00	60.03 1.47 0.00	55.20 -0.23 0.00	57.84 -0.86 0.00	58.48 -0.72 0.00	61.93 -1.20 0.00	81.81 -1.22 0.00	73.24 -0.99 0.00	63.08 -0.94 0.00	49.90 -0.40 0.00	50.02 -0.17 0.00	47.24 -0.21 0.00	47.73 -0.01 0.00	51.22 0.44 0.00	50.81 0.81 0.00	57.48 1.09 0.00
NEG NORTH___LWR_SARANAC 23913	54.11 1.08 0.00	53.38 1.07 0.00	52.05 0.85 0.00	41.24 0.61 0.00	37.95 0.57 0.00	49.57 0.87 0.00	52.00 1.04 0.00	54.85 1.37 0.00	52.42 1.37 0.00	60.03 1.47 0.00	55.20 -0.23 0.00	57.84 -0.86 0.00	58.48 -0.72 0.00	61.93 -1.20 0.00	81.81 -1.22 0.00	73.24 -0.99 0.00	63.08 -0.94 0.00	49.90 -0.40 0.00	50.02 -0.17 0.00	47.24 -0.21 0.00	47.73 -0.01 0.00	51.22 0.44 0.00	50.81 0.81 0.00	57.48 1.09 0.00
NEG NORTH___PLATTSBURG 23628	54.10 1.08 0.00	53.39 1.07 0.00	52.05 0.85 0.00	41.24 0.61 0.00	37.95 0.57 0.00	49.56 0.87 0.00	52.00 1.04 0.00	54.85 1.36 0.00	52.42 1.37 0.00	60.03 1.47 0.00	55.20 -0.23 0.00	57.84 -0.86 0.00	58.48 -0.72 0.00	61.93 -1.20 0.00	81.81 -1.22 0.00	73.24 -0.99 0.00	63.08 -0.94 0.00	49.89 -0.40 0.00	50.02 -0.17 0.00	47.24 -0.20 0.00	47.73 -0.01 0.00	51.22 0.44 0.00	50.81 0.81 0.00	57.48 1.10 0.00
NEG WEST_LEA_LOCKPORT 23791	54.83 1.81 0.00	53.21 0.89 0.00	51.49 0.29 0.00	40.56 -0.06 0.00	37.40 0.02 0.00	49.23 0.53 0.00	52.07 1.12 0.00	54.47 0.98 0.00	52.26 1.21 0.00	60.93 2.37 0.00	59.01 3.57 0.00	62.62 3.92 0.00	61.81 2.60 0.00	65.25 2.11 0.00	85.59 2.57 0.00	76.99 2.76 0.00	65.15 1.13 0.00	50.85 0.56 0.00	51.68 1.49 0.00	49.01 1.57 0.00	49.96 2.22 0.00	53.13 2.35 0.00	51.95 1.95 0.00	58.53 2.15 0.00
NEG WEST___LANCASTR 23811	54.48 1.46 0.00	52.97 0.66 0.00	51.39 0.19 0.00	40.50 -0.13 0.00	37.33 -0.05 0.00	49.05 0.35 0.00	51.89 0.94 0.00	54.47 0.99 0.00	52.33 1.28 0.00	61.04 2.48 0.00	59.11 3.67 0.00	62.68 3.98 0.00	62.18 2.97 0.00	65.76 2.62 0.00	86.44 3.41 0.00	77.63 3.40 0.00	66.11 2.09 0.00	51.87 1.58 0.00	52.63 2.44 0.00	49.84 2.40 0.00	50.49 2.75 0.00	53.68 2.90 0.00	52.02 2.02 0.00	58.49 2.11 0.00
NEG_PENN_ALLEGHNY 23528	53.66 0.64 0.00	52.78 0.47 0.00	51.68 0.48 0.00	40.96 0.34 0.00	37.75 0.36 0.00	49.17 0.47 0.00	51.52 0.57 0.00	54.17 0.69 0.00	51.83 0.78 0.00	59.95 1.19 -0.19	57.40 1.91 -0.06	61.29 2.37 -0.23	61.31 2.11 0.00	65.22 2.08 0.00	85.82 2.80 0.00	76.77 2.54 0.00	66.13 2.11 0.00	52.08 1.78 0.00	52.24 2.05 0.00	49.46 2.01 0.00	49.80 1.91 -0.15	55.29 1.90 -2.61	51.21 1.18 -0.03	57.86 1.12 -0.36
NEG___GEN_MONROE 24207	56.02 3.00 0.00	54.54 2.23 0.00	52.91 1.71 0.00	41.65 1.03 0.00	38.36 0.99 0.00	50.39 1.69 0.00	53.30 2.35 0.00	55.89 2.40 0.00	53.52 2.47 0.00	62.15 3.59 0.00	59.80 4.36 0.00	63.48 4.78 0.00	63.36 4.15 0.00	67.27 4.13 0.00	88.08 5.05 0.00	79.14 4.91 0.00	67.44 3.42 0.00	52.85 2.56 0.00	53.48 3.29 0.00	50.73 3.28 0.00	59.80 3.80 -8.26	54.70 3.92 0.00	53.32 3.32 0.00	59.81 3.43 0.00
NEPA___ENERGY 23901	54.39 1.37 0.00	52.76 0.45 0.00	51.24 0.04 0.00	40.33 -0.29 0.00	37.30 -0.08 0.00	49.15 0.45 0.00	51.81 0.86 0.00	54.43 0.96 0.00	52.25 1.20 0.00	60.85 2.28 0.00	59.04 3.60 0.00	62.76 4.07 0.00	62.31 3.11 0.00	65.93 2.80 0.00	86.64 3.61 0.00	77.80 3.57 0.00	66.60 2.58 0.00	52.31 2.02 0.00	53.14 2.95 0.00	50.43 2.98 0.00	50.74 3.00 0.00	53.91 3.13 0.00	52.03 2.04 0.00	58.65 2.27 0.00

NEVERSINK___HYD 23608	53.63 0.60 0.00	53.00 0.69 0.00	51.92 0.72 0.00	41.19 0.57 0.00	37.89 0.51 0.00	49.21 0.51 0.00	51.45 0.49 0.00	54.14 0.66 0.00	51.94 0.89 0.00	59.75 1.18 0.00	57.51 2.07 0.00	61.82 3.13 0.00	62.35 3.15 0.00	65.19 2.06 0.00	86.12 3.09 0.00	76.93 2.70 0.00	66.23 2.21 0.00	51.94 1.65 0.00	51.46 1.27 0.00	48.51 1.07 0.00	48.75 1.01 0.00	52.71 1.93 0.00	51.40 1.40 0.00	57.48 1.10 0.00
NEWKRMKL_115KV_TB1 55635	52.59 -0.44 0.00	52.02 -0.30 0.00	51.12 -0.08 0.00	40.57 -0.05 0.00	37.36 -0.02 0.00	48.60 -0.10 0.00	50.67 -0.28 0.00	53.20 -0.28 0.00	50.86 -0.19 0.00	58.21 -0.35 0.00	55.53 0.09 0.00	59.42 0.72 0.00	60.26 1.06 0.00	64.38 1.25 0.00	84.64 1.61 0.00	75.29 1.06 0.00	65.09 1.07 0.00	51.27 0.98 0.00	50.97 0.78 0.00	48.04 0.59 0.00	48.28 0.54 0.00	51.09 0.31 0.00	49.97 -0.03 0.00	56.00 -0.39 0.00
NEWTON___FALLS_HYD 23847	55.99 2.96 0.00	55.08 2.77 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.61 1.57 0.00	61.42 2.70 -0.15	57.52 2.05 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.41 0.28 0.00	82.64 -0.39 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.54 0.25 0.00	50.74 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
NGRID_A1_DSASP 323792	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.05 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.50 0.00	51.90 0.85 0.00	60.65 2.08 0.00	58.91 3.50 0.03	62.47 3.77 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.41 2.39 0.00	76.82 2.59 0.00	64.90 0.88 0.00	50.54 0.25 0.00	51.12 0.93 0.00	48.26 0.81 0.00	48.98 1.56 0.31	44.80 1.99 7.98	51.37 1.37 0.00	57.84 1.45 0.00
NGRID_A2_DSASP 323793	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.05 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.50 0.00	51.90 0.85 0.00	60.65 2.08 0.00	58.91 3.50 0.03	62.47 3.77 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.41 2.39 0.00	76.82 2.59 0.00	64.90 0.88 0.00	50.54 0.25 0.00	51.12 0.93 0.00	48.26 0.81 0.00	48.98 1.56 0.31	44.80 1.99 7.98	51.37 1.37 0.00	57.84 1.45 0.00
NGRID_A4_DSASP 323807	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.05 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.50 0.00	51.90 0.85 0.00	60.65 2.08 0.00	58.91 3.50 0.03	62.47 3.77 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.41 2.39 0.00	76.82 2.59 0.00	64.90 0.88 0.00	50.54 0.25 0.00	51.12 0.93 0.00	48.26 0.81 0.00	48.98 1.56 0.31	44.80 1.99 7.98	51.37 1.37 0.00	57.84 1.45 0.00
NIAGARA_115E_LBMP 323715	54.62 1.60 0.00	53.04 0.72 0.00	51.33 0.13 0.00	40.45 -0.18 0.00	37.30 -0.07 0.00	49.11 0.41 0.00	51.93 0.97 0.00	54.21 0.73 0.00	51.95 0.90 0.00	60.51 1.95 0.00	58.62 3.21 0.03	62.19 3.49 0.00	61.29 2.09 0.00	64.73 1.59 0.00	84.87 1.85 0.00	76.37 2.14 0.00	64.53 0.51 0.00	50.32 0.03 0.00	51.15 0.95 0.00	48.47 1.02 0.00	49.17 1.73 0.31	44.78 1.79 7.80	51.52 1.53 0.00	58.25 1.87 0.00
NIAGARA_115W_LBMP 323714	54.10 1.07 0.00	52.55 0.24 0.00	50.88 -0.32 0.00	40.10 -0.52 0.00	36.98 -0.40 0.00	48.68 -0.02 0.00	51.47 0.52 0.00	53.86 0.39 0.00	51.77 0.72 0.00	60.50 1.93 0.00	58.78 3.37 0.03	62.32 3.63 0.00	61.51 2.31 0.00	64.95 1.82 0.00	85.20 2.17 0.00	76.64 2.41 0.00	64.75 0.73 0.00	50.40 0.11 0.00	50.99 0.80 0.00	48.11 0.66 0.00	48.85 1.43 0.31	44.67 1.86 7.97	51.22 1.22 0.00	57.67 1.29 0.00
NIAGARA_230_LBMP 323716	54.34 1.32 0.00	52.79 0.48 0.00	51.15 -0.05 0.00	40.32 -0.30 0.00	37.19 -0.19 0.00	48.96 0.26 0.00	51.74 0.79 0.00	54.16 0.68 0.00	52.04 0.99 0.00	60.77 2.20 0.00	58.92 3.51 0.03	62.48 3.78 0.00	61.76 2.55 0.00	65.23 2.10 0.00	85.66 2.63 0.00	77.04 2.81 0.00	65.16 1.14 0.00	50.81 0.52 0.00	51.55 1.36 0.00	48.75 1.30 0.00	49.34 1.92 0.31	45.02 2.15 7.91	51.71 1.72 0.00	58.22 1.84 0.00
NIAGARA___115KV_198_GIBSON 55903	54.10 1.08 0.00	52.55 0.24 0.00	50.88 -0.32 0.00	40.10 -0.52 0.00	36.98 -0.40 0.00	48.68 -0.02 0.00	51.47 0.52 0.00	53.86 0.38 0.00	51.77 0.72 0.00	60.48 1.91 0.00	58.76 3.33 0.00	62.32 3.63 0.00	61.52 2.32 0.00	64.95 1.81 0.00	85.19 2.17 0.00	76.65 2.42 0.00	64.74 0.72 0.00	50.40 0.11 0.00	50.98 0.79 0.00	48.11 0.66 0.00	49.16 1.42 0.00	52.64 1.86 0.00	51.23 1.23 0.00	57.67 1.29 0.00
NIAGARA____ 23760	54.34 1.32 0.00	52.79 0.48 0.00	51.15 -0.05 0.00	40.32 -0.30 0.00	37.19 -0.19 0.00	48.96 0.26 0.00	51.74 0.79 0.00	54.16 0.68 0.00	52.04 0.99 0.00	60.77 2.20 0.00	58.92 3.51 0.03	62.48 3.78 0.00	61.76 2.55 0.00	65.23 2.10 0.00	85.66 2.63 0.00	77.04 2.81 0.00	65.16 1.14 0.00	50.81 0.52 0.00	51.55 1.36 0.00	48.75 1.30 0.00	49.34 1.92 0.31	45.06 2.15 7.88	51.71 1.72 0.00	58.22 1.84 0.00
NINE_MILE_1 23575	51.64 -1.38 0.00	50.81 -1.51 0.00	49.65 -1.55 0.00	39.38 -1.24 0.00	36.26 -1.12 0.00	47.23 -1.46 0.00	49.54 -1.41 0.00	51.97 -1.51 0.00	49.66 -1.39 0.00	54.37 -1.42 2.78	53.68 -0.98 0.78	54.53 -0.87 3.29	58.20 -1.01 0.00	62.00 -1.14 0.00	81.48 -1.54 0.00	72.89 -1.34 0.00	62.75 -1.27 0.00	49.31 -0.98 0.00	49.34 -0.85 0.00	46.71 -0.74 0.00	46.33 -0.74 0.66	49.90 -0.88 0.00	48.41 -1.12 0.46	49.80 -1.45 5.13
NINE_MILE_2 23744	51.64 -1.38 0.00	50.81 -1.51 0.00	49.65 -1.55 0.00	39.38 -1.24 0.00	36.26 -1.12 0.00	47.23 -1.46 0.00	49.54 -1.41 0.00	51.97 -1.51 0.00	49.66 -1.39 0.00	54.32 -1.43 2.83	53.67 -0.98 0.79	54.48 -0.87 3.34	58.20 -1.01 0.00	62.00 -1.14 0.00	81.47 -1.56 0.00	72.87 -1.36 0.00	62.75 -1.28 0.00	49.31 -0.98 0.00	49.33 -0.86 0.00	46.70 -0.75 0.00	46.31 -0.75 0.67	49.90 -0.88 0.00	48.41 -1.12 0.47	49.72 -1.45 5.21
NM_CAPITAL___DRP 24208	52.66 -0.36 0.00	52.08 -0.23 0.00	51.18 -0.02 0.00	40.61 -0.01 0.00	37.42 0.04 0.00	48.66 -0.04 0.00	50.74 -0.21 0.00	53.28 -0.20 0.00	50.93 -0.12 0.00	58.28 -0.29 0.00	55.59 0.15 0.00	59.47 0.78 0.00	60.29 1.09 0.00	64.44 1.30 0.00	84.73 1.71 0.00	75.37 1.14 0.00	65.19 1.16 0.00	51.32 1.03 0.00	51.01 0.82 0.00	48.07 0.62 0.00	48.32 0.58 0.00	51.15 0.36 0.00	50.02 0.02 0.00	56.07 -0.32 0.00
NM_CENTRAL___DRP 24181	52.86 -0.17 0.00	51.93 -0.38 0.00	50.73 -0.47 0.00	40.21 -0.41 0.00	37.01 -0.36 0.00	48.24 -0.46 0.00	50.64 -0.31 0.00	53.18 -0.30 0.00	50.90 -0.16 0.00	58.98 0.14 -0.27	56.24 0.73 -0.08	59.99 0.97 -0.32	59.95 0.75 0.00	63.85 0.72 0.00	84.02 0.99 0.00	75.18 0.95 0.00	64.68 0.66 0.00	50.81 0.52 0.00	50.88 0.69 0.00	48.20 0.75 0.00	48.53 0.72 -0.06	51.40 0.62 0.00	50.23 0.19 -0.05	56.81 -0.07 -0.50

NM_FRONTIER___DRP 24179	54.10 1.08 0.00	52.55 0.24 0.00	50.88 -0.32 0.00	40.10 -0.52 0.00	36.98 -0.40 0.00	48.68 -0.02 0.00	51.47 0.52 0.00	53.86 0.38 0.00	51.77 0.72 0.00	60.48 1.91 0.00	58.76 3.33 0.00	62.32 3.63 0.00	61.52 2.32 0.00	64.95 1.81 0.00	85.19 2.17 0.00	76.65 2.42 0.00	64.74 0.72 0.00	50.40 0.11 0.00	50.98 0.79 0.00	48.11 0.66 0.00	49.16 1.42 0.00	52.64 1.86 0.00	51.23 1.23 0.00	57.67 1.29 0.00
NM_ST_REGIS___HYD 24053	55.12 2.09 -0.01	54.43 2.12 0.00	53.04 1.84 0.00	42.05 1.43 0.00	38.59 1.21 0.00	50.46 1.76 0.00	52.79 1.84 0.00	54.99 1.51 0.00	52.31 1.26 0.00	60.32 1.76 0.00	55.67 0.23 0.00	57.79 -0.91 0.00	58.00 -1.20 0.00	61.43 -1.70 0.00	80.16 -2.86 0.00	71.94 -2.29 0.00	62.12 -1.90 0.00	48.98 -1.31 0.00	49.02 -1.18 0.00	46.60 -0.84 0.00	47.23 -0.51 0.00	50.50 -0.28 0.00	50.60 0.60 0.00	57.67 1.29 0.00
NORTHPORT___1 23551	53.55 0.52 0.00	53.68 1.37 0.00	52.37 1.17 0.00	41.59 0.97 0.00	38.18 0.80 0.00	49.61 0.92 0.00	51.96 1.01 0.00	54.39 0.91 0.00	51.77 0.73 0.00	59.08 0.51 0.00	56.93 1.50 0.00	60.92 2.22 0.00	61.90 2.70 0.00	65.89 2.76 0.01	86.75 3.72 0.00	77.34 3.11 0.00	54.49 3.23 12.75	53.23 2.93 0.00	52.27 2.08 0.00	49.25 1.80 0.00	49.01 1.27 0.00	51.23 0.45 0.00	50.18 0.18 0.00	31.36 -0.78 24.25
NORTHPORT___2 23552	53.55 0.52 0.00	53.68 1.37 0.00	52.37 1.17 0.00	41.59 0.97 0.00	38.18 0.80 0.00	49.61 0.92 0.00	51.96 1.01 0.00	54.39 0.91 0.00	51.77 0.73 0.00	59.08 0.51 0.00	56.93 1.50 0.00	60.92 2.22 0.00	61.90 2.70 0.00	65.89 2.76 0.01	86.75 3.72 0.00	77.34 3.11 0.00	54.49 3.23 12.75	53.23 2.93 0.00	52.27 2.08 0.00	49.25 1.80 0.00	49.01 1.27 0.00	51.23 0.45 0.00	50.18 0.18 0.00	31.36 -0.78 24.25
NORTHPORT___3 23553	53.23 0.21 0.00	53.40 1.09 0.00	52.12 0.92 0.00	41.37 0.75 0.00	38.00 0.61 0.00	49.37 0.67 0.00	51.68 0.72 0.00	54.06 0.58 0.00	51.43 0.38 0.00	58.69 0.13 0.00	56.53 1.10 0.00	60.53 1.83 0.00	61.52 2.32 0.00	65.60 2.46 0.00	86.37 3.35 0.01	77.13 2.91 0.01	54.19 2.98 12.81	52.93 2.63 0.00	51.94 1.75 0.00	48.92 1.48 0.00	48.71 0.97 0.00	50.92 0.14 0.00	49.81 -0.18 0.00	31.20 -1.07 24.12
NORTHPORT___4 23650	53.23 0.21 0.00	53.40 1.09 0.00	52.12 0.92 0.00	41.37 0.75 0.00	38.00 0.61 0.00	49.37 0.67 0.00	51.68 0.72 0.00	54.06 0.58 0.00	51.43 0.38 0.00	58.69 0.13 0.00	56.53 1.10 0.00	60.53 1.83 0.00	61.52 2.32 0.00	65.60 2.46 0.00	86.37 3.35 0.01	77.13 2.91 0.01	54.19 2.98 12.81	52.93 2.63 0.00	51.94 1.75 0.00	48.92 1.48 0.00	48.71 0.97 0.00	50.92 0.14 0.00	49.81 -0.18 0.00	31.20 -1.07 24.12
NORTHPORT___IC 23718	53.55 0.53 0.00	53.68 1.37 0.00	52.37 1.18 0.00	41.59 0.97 0.00	38.18 0.80 0.00	49.62 0.92 0.00	51.96 1.01 0.00	54.39 0.91 0.00	51.78 0.73 0.00	59.09 0.52 0.00	56.93 1.50 0.00	60.92 2.22 0.00	61.90 2.70 0.00	65.90 2.77 0.01	86.75 3.73 0.00	77.34 3.12 0.00	54.58 3.31 12.75	53.23 2.94 0.00	52.27 2.08 0.00	49.25 1.80 0.00	49.01 1.27 0.00	51.22 0.44 0.00	50.19 0.19 0.00	31.44 -0.69 24.25
NORTH___COUNTRY_ESR 323785	53.67 0.64 0.00	52.97 0.66 0.00	51.67 0.47 0.00	40.96 0.34 0.00	37.67 0.30 0.00	49.22 0.52 0.00	51.63 0.68 0.00	54.30 0.82 0.00	51.82 0.77 0.00	59.43 0.86 0.00	54.61 -0.83 0.00	57.01 -1.69 0.00	57.76 -1.45 0.00	61.37 -1.77 0.00	80.92 -2.11 0.00	72.52 -1.71 0.00	62.43 -1.59 0.00	49.24 -1.06 0.00	49.29 -0.90 0.00	46.58 -0.87 0.00	47.07 -0.67 0.00	50.49 -0.29 0.00	50.22 0.22 0.00	56.93 0.54 0.00
NPX_GEN_1385_PROXY 323591	53.98 0.95 0.00	53.78 1.47 0.00	52.25 1.05 0.00	41.59 0.97 0.00	38.09 0.71 0.00	49.30 0.60 0.00	51.69 0.74 0.00	54.25 0.77 0.00	51.54 0.49 0.00	59.45 0.88 0.00	57.36 1.93 0.00	61.25 2.56 0.00	62.13 2.93 0.00	65.76 2.63 0.01	86.54 3.51 0.00	77.31 3.08 0.00	54.29 3.02 12.75	53.66 3.37 0.00	52.79 2.61 0.00	50.01 2.56 0.00	49.48 1.74 0.00	51.65 0.87 0.00	50.99 0.99 0.00	31.95 -0.18 24.25
NPX_GEN_CSC 323557	54.31 1.29 0.00	54.14 1.83 0.00	52.86 1.67 0.00	41.93 1.31 0.00	38.49 1.11 0.00	50.08 1.39 0.00	52.48 1.53 0.00	54.84 1.36 0.00	52.42 1.38 0.00	59.90 1.33 0.00	57.77 2.33 0.00	61.85 3.15 0.00	63.00 3.80 0.00	67.10 3.97 0.00	88.26 5.23 0.00	78.59 4.37 0.00	71.70 4.57 -3.11	54.43 4.13 0.00	53.44 3.25 0.00	50.20 2.75 0.00	50.16 2.42 0.00	52.33 1.55 0.00	51.16 1.16 0.00	32.84 0.32 23.86
NSINS_S_GLNS_FALLS 23858	55.01 1.98 0.00	54.24 1.93 0.00	53.21 2.01 0.00	42.10 1.48 0.00	38.99 1.61 0.00	50.88 2.18 0.00	53.31 2.35 0.00	56.13 2.65 0.00	53.42 2.37 0.00	60.72 2.16 0.00	57.39 1.96 0.00	61.50 2.81 0.00	62.49 3.29 0.00	66.91 3.77 0.00	88.66 5.63 0.00	78.74 4.52 0.00	68.20 4.18 0.00	53.64 3.35 0.00	53.82 3.63 0.00	50.71 3.26 0.00	51.02 3.28 0.00	53.97 3.18 0.00	52.55 2.55 0.00	58.80 2.42 0.00
NUCOR_STEEL___DRP 24197	53.95 0.93 0.00	52.92 0.61 0.00	51.70 0.50 0.00	40.98 0.36 0.00	37.74 0.36 0.00	49.20 0.50 0.00	51.49 0.54 0.00	54.23 0.75 0.00	51.84 0.78 0.00	60.28 1.27 -0.44	57.36 1.81 -0.12	61.40 2.18 -0.52	60.97 1.77 0.00	64.73 1.59 0.00	84.98 1.96 0.00	76.04 1.81 0.00	65.44 1.42 0.00	51.47 1.18 0.00	51.71 1.52 0.00	49.21 1.77 0.00	49.45 1.60 -0.10	52.32 1.54 0.00	51.25 1.18 -0.07	58.21 1.01 -0.81
NUMBER_THREE_WT_PWR 323818	56.61 3.58 0.00	55.52 3.20 0.00	54.24 3.04 0.00	42.97 2.35 0.00	39.12 1.74 0.00	51.17 2.47 0.00	53.88 2.92 0.00	56.43 2.95 0.00	52.79 1.74 0.00	62.21 3.46 -0.18	59.15 3.66 -0.05	62.45 3.54 -0.22	62.03 2.82 0.00	65.31 2.18 0.00	85.29 2.26 0.00	76.48 2.25 0.00	66.20 2.18 0.00	52.22 1.93 0.00	52.60 2.41 0.00	50.53 3.08 0.00	51.15 3.37 -0.04	54.02 3.24 0.00	52.61 2.58 -0.03	59.65 2.93 -0.34
NYISO_LBMP_REFERENCE 24008	53.02 0.00 0.00	52.31 0.00 0.00	51.20 0.00 0.00	40.62 0.00 0.00	37.38 0.00 0.00	48.70 0.00 0.00	50.95 0.00 0.00	53.48 0.00 0.00	51.05 0.00 0.00	58.57 0.00 0.00	55.44 0.00 0.00	58.70 0.00 0.00	59.20 0.00 0.00	63.13 0.00 0.00	83.03 0.00 0.00	74.23 0.00 0.00	64.02 0.00 0.00	50.29 0.00 0.00	50.19 0.00 0.00	47.45 0.00 0.00	47.74 0.00 0.00	50.78 0.00 0.00	50.00 0.00 0.00	56.38 0.00 0.00
NYPA_BRENTWD____GT 24164	54.64 1.62 0.00	54.58 2.27 0.00	53.22 2.03 0.00	42.23 1.61 0.00	38.77 1.39 0.00	50.42 1.72 0.00	52.85 1.90 0.00	55.37 1.89 0.00	52.86 1.81 0.00	60.44 1.87 0.00	58.29 2.86 0.00	62.45 3.76 0.00	63.47 4.26 0.00	67.44 4.31 0.00	88.77 5.74 0.00	78.83 4.60 0.00	69.09 4.51 -0.55	54.50 4.20 0.00	53.54 3.35 0.00	50.45 3.00 0.00	50.22 2.48 0.00	52.42 1.64 0.00	51.41 1.42 0.00	33.55 0.55 23.38

NYPA_GOWANUS____GT5 24156	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.02 3.32 0.00	62.69 3.49 0.01	67.20 4.07 0.00	88.42 5.40 0.00	79.23 5.00 0.00	68.73 4.71 0.00	53.82 3.53 0.00	53.09 2.90 0.00	50.29 2.84 0.00	50.16 2.42 0.00	52.53 1.75 0.00	51.52 1.52 0.00	57.26 0.88 0.00
NYPA_GOWANUS____GT6 24157	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.10 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.78 0.82 0.00	54.33 0.85 0.00	52.36 1.31 0.00	59.86 1.30 0.00	57.64 2.21 0.00	62.02 3.32 0.00	62.69 3.49 0.01	67.20 4.07 0.00	88.42 5.40 0.00	79.23 5.00 0.00	68.73 4.71 0.00	53.82 3.53 0.00	53.09 2.90 0.00	50.29 2.84 0.00	50.16 2.42 0.00	52.53 1.75 0.00	51.52 1.52 0.00	57.26 0.88 0.00
NYPA_HARLEM__RVR__GT1 24160	53.47 0.45 0.00	53.20 0.88 0.00	52.23 1.04 0.00	41.61 0.99 0.00	38.17 0.79 0.00	49.32 0.62 0.00	51.70 0.75 0.00	54.27 0.79 0.00	52.27 1.22 0.00	59.68 1.11 0.00	57.45 2.02 0.00	61.73 3.04 0.00	62.41 3.21 0.01	66.74 3.61 0.00	87.80 4.78 0.00	78.55 4.33 0.00	68.21 4.20 0.00	53.48 3.19 0.00	52.71 2.52 0.00	49.94 2.50 0.00	49.81 2.07 0.00	52.26 1.48 0.00	51.29 1.29 0.00	56.95 0.57 0.00
NYPA_HARLEM__RVR__GT2 24161	53.47 0.45 0.00	53.20 0.88 0.00	52.23 1.04 0.00	41.61 0.99 0.00	38.17 0.79 0.00	49.32 0.62 0.00	51.70 0.75 0.00	54.27 0.79 0.00	52.27 1.22 0.00	59.68 1.11 0.00	57.45 2.02 0.00	61.73 3.04 0.00	62.41 3.21 0.01	66.74 3.61 0.00	87.80 4.78 0.00	78.55 4.33 0.00	68.21 4.20 0.00	53.48 3.19 0.00	52.71 2.52 0.00	49.94 2.50 0.00	49.81 2.07 0.00	52.26 1.48 0.00	51.29 1.29 0.00	56.95 0.57 0.00
NYPA_KENT____GT 24152	53.55 0.53 0.00	53.27 0.96 0.00	52.33 1.13 0.00	41.68 1.06 0.00	38.28 0.90 0.00	49.50 0.80 0.00	51.76 0.81 0.00	54.34 0.86 0.00	52.35 1.30 0.00	59.90 1.34 0.00	57.68 2.25 0.00	62.03 3.34 0.00	62.66 3.47 0.01	67.13 4.00 0.00	88.33 5.31 0.00	79.11 4.88 0.00	68.61 4.59 0.00	53.73 3.44 0.00	52.99 2.80 0.00	50.14 2.69 0.00	50.05 2.31 0.00	52.47 1.69 0.00	51.44 1.44 0.00	57.19 0.81 0.00
NYPA_POUCH1____GT 24155	53.45 0.43 0.00	53.12 0.81 0.00	51.85 0.93 0.28	41.60 0.98 0.00	38.18 0.80 0.00	49.31 0.61 0.00	51.47 0.56 0.04	53.41 0.57 0.65	52.03 1.06 0.08	57.26 0.97 2.27	52.64 1.87 4.67	60.49 3.05 1.26	62.44 3.24 0.01	67.01 3.88 0.00	88.12 5.10 0.00	79.10 4.88 0.00	68.67 4.65 0.00	53.77 3.48 0.00	53.05 2.86 0.00	50.26 2.80 0.00	50.10 2.36 0.00	52.41 1.63 0.00	51.42 1.42 0.00	57.06 0.67 0.00
NYPA_VERNON____GT2 24162	53.50 0.48 0.00	53.22 0.91 0.00	52.27 1.08 0.00	41.64 1.02 0.00	38.25 0.87 0.00	49.47 0.78 0.00	51.76 0.81 0.00	54.40 0.92 0.00	52.40 1.35 0.00	60.00 1.44 0.00	57.78 2.35 0.00	62.09 3.39 0.00	62.67 3.48 0.01	67.11 3.97 0.00	88.32 5.30 0.00	79.05 4.82 0.00	68.51 4.50 0.00	53.67 3.38 0.00	52.90 2.71 0.00	50.03 2.58 0.00	49.99 2.25 0.00	52.44 1.66 0.00	51.41 1.41 0.00	57.13 0.75 0.00
NYPA_VERNON____GT3 24163	53.50 0.48 0.00	53.22 0.91 0.00	52.27 1.08 0.00	41.64 1.02 0.00	38.25 0.87 0.00	49.47 0.78 0.00	51.76 0.81 0.00	54.40 0.92 0.00	52.40 1.35 0.00	60.00 1.44 0.00	57.78 2.35 0.00	62.09 3.39 0.00	62.67 3.48 0.01	67.11 3.97 0.00	88.32 5.30 0.00	79.05 4.82 0.00	68.51 4.50 0.00	53.67 3.38 0.00	52.90 2.71 0.00	50.03 2.58 0.00	49.99 2.25 0.00	52.44 1.66 0.00	51.41 1.41 0.00	57.13 0.75 0.00
NYPA____ASTORIA_CC1 323568	53.37 0.35 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.64 0.69 0.00	54.25 0.77 0.00	52.29 1.24 0.00	59.83 1.26 0.00	57.62 2.19 0.00	61.92 3.23 0.00	62.52 3.32 0.01	66.92 3.79 0.00	88.08 5.05 0.00	78.83 4.60 0.00	68.35 4.33 0.00	53.56 3.26 0.00	52.79 2.60 0.00	49.95 2.50 0.00	49.88 2.14 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
NYPA____ASTORIA_CC2 323569	53.37 0.35 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.58 0.96 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.64 0.69 0.00	54.25 0.77 0.00	52.29 1.24 0.00	59.83 1.26 0.00	57.62 2.19 0.00	61.92 3.23 0.00	62.52 3.32 0.01	66.92 3.79 0.00	88.08 5.05 0.00	78.83 4.60 0.00	68.35 4.33 0.00	53.56 3.26 0.00	52.79 2.60 0.00	49.95 2.50 0.00	49.88 2.14 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.00 0.62 0.00
NYPA____HOLTSVILL 23794	54.27 1.25 0.00	54.18 1.87 0.00	52.88 1.68 0.00	41.97 1.34 0.00	38.52 1.14 0.00	50.10 1.41 0.00	52.50 1.55 0.00	54.93 1.45 0.00	52.48 1.43 0.00	59.98 1.42 0.00	57.85 2.41 0.00	61.91 3.22 0.00	62.95 3.75 0.00	66.99 3.86 0.00	88.11 5.08 0.00	78.50 4.27 0.00	71.32 4.36 -2.95	54.14 3.84 0.00	53.17 2.98 0.00	50.05 2.61 0.00	49.89 2.15 0.00	52.10 1.32 0.00	51.01 1.02 0.00	32.65 0.16 23.90
NYPA____HELLGATE_GT1 24158	53.47 0.45 0.00	53.20 0.88 0.00	52.23 1.04 0.00	41.61 0.99 0.00	38.17 0.79 0.00	49.32 0.62 0.00	51.70 0.75 0.00	54.27 0.79 0.00	52.27 1.22 0.00	59.66 1.09 0.00	57.42 1.98 0.00	61.73 3.04 0.00	62.41 3.21 0.01	66.74 3.61 0.00	87.80 4.78 0.00	78.56 4.33 0.00	68.22 4.20 0.00	53.48 3.19 0.00	52.71 2.52 0.00	49.94 2.50 0.00	49.81 2.07 0.00	52.26 1.48 0.00	51.29 1.29 0.00	56.96 0.58 0.00
NYPA____HELLGATE_GT2 24159	53.47 0.45 0.00	53.20 0.88 0.00	52.23 1.04 0.00	41.61 0.99 0.00	38.17 0.79 0.00	49.32 0.62 0.00	51.70 0.75 0.00	54.27 0.79 0.00	52.27 1.22 0.00	59.66 1.09 0.00	57.42 1.98 0.00	61.73 3.04 0.00	62.41 3.21 0.01	66.74 3.61 0.00	87.80 4.78 0.00	78.56 4.33 0.00	68.22 4.20 0.00	53.48 3.19 0.00	52.71 2.52 0.00	49.94 2.50 0.00	49.81 2.07 0.00	52.26 1.48 0.00	51.29 1.29 0.00	56.96 0.58 0.00
NYS_BARGE____HYD 23848	55.13 2.11 0.00	53.50 1.19 0.00	51.77 0.57 0.00	40.76 0.14 0.00	37.60 0.21 0.00	49.50 0.80 0.00	52.36 1.40 0.00	54.75 1.27 0.00	52.51 1.46 0.00	61.21 2.64 0.00	59.26 3.85 0.02	62.89 4.20 0.00	62.07 2.87 0.00	65.55 2.42 0.00	85.95 2.93 0.00	77.33 3.10 0.00	65.43 1.41 0.00	51.10 0.81 0.00	51.93 1.74 0.00	49.25 1.80 0.00	49.94 2.48 0.28	46.24 2.60 7.14	52.18 2.18 0.00	58.81 2.43 0.00
OAK ORCHARD____HYD 24046	55.02 2.00 0.00	53.64 1.32 0.00	52.11 0.91 0.00	41.16 0.54 0.00	37.93 0.55 0.00	49.75 1.05 0.00	52.49 1.53 0.00	55.05 1.58 0.00	52.83 1.78 0.00	61.35 2.78 0.00	59.03 3.60 0.01	62.71 4.02 0.00	62.60 3.40 0.00	66.42 3.29 0.00	87.29 4.27 0.00	78.36 4.13 0.00	66.79 2.77 0.00	52.33 2.04 0.00	52.89 2.70 0.00	50.08 2.63 0.00	50.55 2.96 0.15	50.04 3.04 3.79	52.44 2.44 0.00	58.75 2.37 0.00

OAKDALE___35_KV_LOAD 356122	53.30 0.28 0.00	52.45 0.14 0.00	51.37 0.17 0.00	40.73 0.10 0.00	37.53 0.15 0.00	48.89 0.19 0.00	51.20 0.25 0.00	53.84 0.36 0.00	51.49 0.44 0.00	59.51 0.75 -0.19	56.95 1.46 -0.05	60.82 1.90 -0.23	60.83 1.63 0.00	64.71 1.57 0.00	85.15 2.13 0.00	76.16 1.93 0.00	65.64 1.62 0.00	51.66 1.37 0.00	51.82 1.63 0.00	49.08 1.63 0.00	49.30 1.51 -0.05	52.28 1.50 0.00	50.86 0.83 -0.03	57.48 0.74 -0.35
OCC_CHEM___DRP 24175	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.06 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.49 0.00	51.90 0.85 0.00	60.63 2.06 0.00	58.91 3.48 0.00	62.46 3.76 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.42 2.39 0.00	76.82 2.59 0.00	64.89 0.87 0.00	50.54 0.24 0.00	51.12 0.93 0.00	48.26 0.81 0.00	49.30 1.56 0.00	52.77 1.99 0.00	51.37 1.37 0.00	57.81 1.43 0.00
OH_GEN_PROXY 24063	54.25 1.23 0.00	52.74 0.43 0.00	51.12 -0.08 0.00	40.30 -0.32 0.00	37.18 -0.20 0.00	48.92 0.22 0.00	51.71 0.76 0.00	54.16 0.68 0.00	14.06 0.98 37.98	98.17 2.18 -37.42	58.90 3.49 0.03	62.46 3.76 0.00	61.77 2.57 0.00	65.29 2.16 0.00	85.77 2.74 0.00	77.12 2.89 0.00	65.27 1.25 0.00	50.91 0.62 0.00	51.65 1.46 0.00	48.84 1.39 0.00	49.36 1.96 0.33	44.43 2.17 8.52	51.68 1.68 0.00	103.87 1.78 -45.71
OLIN_CORP_DRP 24177	54.67 1.65 0.00	53.07 0.76 0.00	51.38 0.18 0.00	40.48 -0.14 0.00	37.34 -0.04 0.00	49.15 0.45 0.00	51.96 1.01 0.00	54.28 0.80 0.00	52.04 0.99 0.00	60.62 2.05 0.00	58.76 3.33 0.00	62.32 3.62 0.00	61.46 2.26 0.00	64.90 1.77 0.00	85.13 2.10 0.00	76.58 2.35 0.00	64.72 0.70 0.00	50.46 0.17 0.00	51.28 1.09 0.00	48.58 1.14 0.00	49.56 1.81 0.00	52.70 1.92 0.00	51.63 1.63 0.00	58.32 1.94 0.00
OLIN_CORP_DSASP 323712	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.05 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.50 0.00	51.90 0.85 0.00	60.65 2.08 0.00	58.91 3.50 0.03	62.47 3.77 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.41 2.39 0.00	76.82 2.59 0.00	64.90 0.88 0.00	50.54 0.25 0.00	51.12 0.93 0.00	48.26 0.81 0.00	48.98 1.56 0.31	44.80 1.99 7.98	51.37 1.37 0.00	57.84 1.45 0.00
ONEIDA_HERK_LFGE 323681	55.46 2.43 0.00	54.49 2.18 0.00	53.31 2.11 0.00	42.23 1.61 0.00	38.69 1.31 0.00	50.51 1.81 0.00	53.03 2.08 0.00	55.61 2.14 0.00	52.66 1.61 0.00	61.25 2.59 -0.10	58.23 2.77 -0.03	61.75 2.94 -0.12	61.79 2.58 0.00	65.41 2.28 0.00	85.73 2.70 0.00	76.78 2.55 0.00	66.38 2.36 0.00	52.32 2.03 0.00	52.49 2.30 0.00	50.03 2.58 0.00	50.42 2.65 -0.02	53.41 2.62 0.00	52.19 2.17 -0.02	58.86 2.29 -0.19
ONEIDA___115KV_TB4 55905	55.05 2.03 0.00	54.11 1.79 0.00	52.93 1.73 0.00	41.92 1.30 0.00	38.55 1.17 0.00	50.28 1.59 0.00	52.79 1.84 0.00	55.37 1.89 0.00	52.72 1.67 0.00	61.04 2.32 -0.15	58.15 2.67 -0.04	61.76 2.89 -0.17	61.63 2.43 0.00	65.39 2.26 0.00	85.83 2.80 0.00	76.83 2.60 0.00	66.38 2.36 0.00	52.32 2.02 0.00	52.43 2.24 0.00	49.88 2.43 0.00	50.20 2.43 -0.04	53.26 2.47 0.00	52.26 2.24 -0.02	58.89 2.24 -0.27
ONONDAGA_REF_OCCRA 23987	53.22 0.20 0.00	52.30 -0.01 0.00	51.07 -0.12 0.00	40.49 -0.13 0.00	37.27 -0.11 0.00	48.56 -0.14 0.00	50.97 0.01 0.00	53.53 0.05 0.00	51.19 0.14 0.00	59.38 0.49 -0.32	56.62 1.09 -0.09	60.48 1.40 -0.38	60.31 1.11 0.00	64.20 1.07 0.00	84.51 1.48 0.00	75.62 1.39 0.00	65.08 1.06 0.00	51.18 0.89 0.00	51.27 1.08 0.00	48.57 1.12 0.00	48.90 1.08 -0.08	51.78 1.00 0.00	50.59 0.54 -0.05	57.29 0.31 -0.60
ONONDAGA___COGEN 23986	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
ONTARIO___LFGE 23819	54.75 1.73 0.00	53.55 1.24 0.00	52.15 0.95 0.00	41.36 0.74 0.00	38.15 0.77 0.00	49.57 0.87 0.00	52.23 1.27 0.00	55.01 1.53 0.00	52.64 1.60 0.00	61.14 2.40 -0.17	58.66 3.18 -0.05	62.39 3.49 -0.20	61.92 2.71 0.00	65.68 2.55 0.00	86.55 3.52 0.00	77.77 3.54 0.00	66.67 2.65 0.00	52.57 2.28 0.00	53.09 2.90 0.00	50.48 3.04 0.00	50.88 3.10 -0.04	53.91 3.13 0.00	52.26 2.23 -0.03	58.82 2.11 -0.32
ORANGEVILLE_WT_PWR 323706	54.83 1.81 0.00	53.28 0.96 0.00	51.65 0.45 0.00	40.68 0.06 0.00	37.43 0.05 0.00	48.87 0.17 0.00	51.88 0.93 0.00	54.45 0.97 0.00	52.29 1.24 0.00	60.88 2.31 0.00	58.67 3.24 0.01	62.11 3.41 0.00	61.66 2.46 0.00	65.09 1.96 0.00	85.50 2.47 0.00	76.72 2.49 0.00	65.32 1.30 0.00	51.28 0.98 0.00	52.24 2.06 0.00	49.85 2.40 0.00	50.52 2.89 0.12	50.88 3.07 2.97	52.29 2.29 0.00	58.75 2.37 0.00
ORANGEVILLE___ESR 323794	54.83 1.81 0.00	53.28 0.96 0.00	51.65 0.45 0.00	40.68 0.06 0.00	37.43 0.05 0.00	48.87 0.17 0.00	51.88 0.93 0.00	54.45 0.97 0.00	52.29 1.24 0.00	60.88 2.31 0.00	58.67 3.24 0.01	62.11 3.41 0.00	61.66 2.46 0.00	65.09 1.96 0.00	85.50 2.47 0.00	76.72 2.49 0.00	65.32 1.30 0.00	51.28 0.98 0.00	52.24 2.06 0.00	49.85 2.40 0.00	50.52 2.89 0.12	50.88 3.07 2.97	52.29 2.29 0.00	58.75 2.37 0.00
OSWEGATCHIE___HYD 24044	55.99 2.96 0.00	55.08 2.76 0.00	53.74 2.54 0.00	42.61 1.99 0.00	38.94 1.56 0.00	50.94 2.24 0.00	53.45 2.50 0.00	55.73 2.25 0.00	52.62 1.57 0.00	61.42 2.70 -0.15	57.52 2.04 -0.04	60.33 1.45 -0.18	60.09 0.89 0.00	63.42 0.28 0.00	82.64 -0.38 0.00	74.19 -0.04 0.00	64.12 0.10 0.00	50.55 0.26 0.00	50.75 0.56 0.00	48.63 1.18 0.00	49.26 1.48 -0.04	52.28 1.50 0.00	51.65 1.62 -0.03	58.79 2.13 -0.28
OSWEGO___5 23606	52.05 -0.97 0.00	51.19 -1.12 0.00	50.03 -1.17 0.00	39.67 -0.95 0.00	36.52 -0.86 0.00	47.58 -1.12 0.00	49.91 -1.04 0.00	52.38 -1.10 0.00	50.05 -1.00 0.00	59.69 -0.96 -2.08	55.51 -0.51 -0.58	60.78 -0.37 -2.46	58.67 -0.53 0.00	62.50 -0.64 0.00	82.16 -0.87 0.00	73.48 -0.75 0.00	63.26 -0.76 0.00	49.71 -0.58 0.00	49.77 -0.42 0.00	47.11 -0.34 0.00	47.90 -0.34 -0.50	50.33 -0.46 0.00	49.61 -0.73 -0.34	59.20 -1.01 -3.83
OSWEGO___6 23613	52.05 -0.97 0.00	51.19 -1.12 0.00	50.03 -1.17 0.00	39.67 -0.95 0.00	36.52 -0.86 0.00	47.58 -1.12 0.00	49.91 -1.04 0.00	52.38 -1.10 0.00	50.05 -1.00 0.00	59.69 -0.96 -2.08	55.51 -0.51 -0.58	60.78 -0.37 -2.46	58.67 -0.53 0.00	62.50 -0.64 0.00	82.16 -0.87 0.00	73.48 -0.75 0.00	63.26 -0.76 0.00	49.71 -0.58 0.00	49.77 -0.42 0.00	47.11 -0.34 0.00	47.90 -0.34 -0.50	50.33 -0.46 0.00	49.61 -0.73 -0.34	59.20 -1.01 -3.83

OUTOKUMPU-AB___DRP 24206	55.58 2.56 0.00	53.91 1.60 0.00	52.11 0.91 0.00	41.02 0.40 0.00	37.82 0.44 0.00	49.81 1.12 0.00	52.66 1.71 0.00	55.19 1.71 0.00	53.03 1.98 0.00	61.93 3.36 0.00	60.13 4.70 0.00	63.78 5.08 0.00	63.06 3.86 0.00	66.64 3.50 0.00	87.49 4.46 0.00	78.64 4.41 0.00	66.59 2.58 0.00	52.04 1.75 0.00	52.79 2.60 0.00	49.93 2.48 0.00	50.88 3.13 0.00	54.15 3.37 0.00	52.71 2.71 0.00	59.29 2.90 0.00
OXBOW___BTM 323836	54.98 1.96 0.00	53.32 1.01 0.00	51.58 0.38 0.00	40.63 0.00 0.00	37.45 0.07 0.00	49.32 0.62 0.00	52.15 1.20 0.00	54.61 1.13 0.00	52.49 1.44 0.00	61.34 2.77 0.00	59.59 4.18 0.03	63.21 4.51 0.00	62.45 3.25 0.00	65.98 2.85 0.00	86.60 3.57 0.00	77.63 3.40 0.00	65.65 1.63 0.00	51.21 0.91 0.00	51.87 1.69 0.00	49.05 1.60 0.00	49.81 2.39 0.31	45.54 2.75 8.00	52.10 2.11 0.00	58.61 2.23 0.00
OXBOW___ 24026	54.98 1.96 0.00	53.32 1.01 0.00	51.58 0.38 0.00	40.63 0.00 0.00	37.45 0.07 0.00	49.32 0.62 0.00	52.15 1.19 0.00	54.61 1.13 0.00	52.49 1.44 0.00	61.33 2.76 0.00	59.60 4.16 0.00	63.21 4.51 0.00	62.45 3.25 0.00	65.98 2.85 0.00	86.59 3.57 0.00	77.62 3.40 0.00	65.63 1.62 0.00	51.20 0.91 0.00	51.87 1.68 0.00	49.05 1.60 0.00	50.13 2.38 0.00	53.53 2.75 0.00	52.10 2.11 0.00	58.60 2.22 0.00
OXY_CHEM_DSASP 323612	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.06 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.49 0.00	51.90 0.85 0.00	60.63 2.06 0.00	58.91 3.48 0.00	62.46 3.76 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.42 2.39 0.00	76.82 2.59 0.00	64.89 0.87 0.00	50.54 0.24 0.00	51.12 0.93 0.00	48.26 0.81 0.00	49.30 1.56 0.00	52.77 1.99 0.00	51.37 1.37 0.00	57.81 1.43 0.00
OZONE_PARK_ESR 323760	54.38 1.35 0.00	53.97 1.66 0.00	52.97 1.77 0.00	42.13 1.50 0.00	38.72 1.34 0.00	50.19 1.49 0.00	52.49 1.53 0.00	55.21 1.73 0.00	53.10 2.05 0.00	61.09 2.53 0.00	58.91 3.48 0.00	63.33 4.63 0.00	64.03 4.82 0.00	68.48 5.34 0.00	90.23 7.20 0.00	80.74 6.51 0.00	69.89 5.86 0.00	54.73 4.43 0.00	53.99 3.80 0.00	50.88 3.43 0.00	50.92 3.18 0.00	53.46 2.68 0.00	52.28 2.28 0.00	58.22 1.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.06 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.49 0.00	51.90 0.85 0.00	60.63 2.06 0.00	58.91 3.48 0.00	62.46 3.76 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.42 2.39 0.00	76.82 2.59 0.00	64.89 0.87 0.00	50.54 0.24 0.00	51.12 0.93 0.00	48.26 0.81 0.00	49.30 1.56 0.00	52.77 1.99 0.00	51.37 1.37 0.00	57.81 1.43 0.00
PACKARD___115KV_DUPONT_184 80571	54.23 1.20 0.00	52.66 0.35 0.00	50.98 -0.21 0.00	40.18 -0.44 0.00	37.06 -0.33 0.00	48.79 0.09 0.00	51.58 0.63 0.00	53.97 0.49 0.00	51.90 0.85 0.00	60.63 2.06 0.00	58.91 3.48 0.00	62.46 3.76 0.00	61.67 2.47 0.00	65.11 1.98 0.00	85.42 2.39 0.00	76.82 2.59 0.00	64.89 0.87 0.00	50.54 0.24 0.00	51.12 0.93 0.00	48.26 0.81 0.00	49.30 1.56 0.00	52.77 1.99 0.00	51.37 1.37 0.00	57.81 1.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.51 0.48 0.00	53.23 0.91 0.00	52.24 1.04 0.00	41.60 0.98 0.00	38.17 0.79 0.00	49.34 0.64 0.00	51.74 0.78 0.00	54.34 0.86 0.00	52.32 1.28 0.00	59.82 1.25 0.00	57.60 2.17 0.00	61.92 3.22 0.00	62.60 3.39 0.00	66.93 3.80 0.00	88.08 5.06 0.00	78.82 4.59 0.00	68.39 4.37 0.00	53.60 3.31 0.00	52.82 2.63 0.00	50.02 2.58 0.00	49.91 2.16 0.00	52.36 1.58 0.00	51.35 1.35 0.00	57.04 0.66 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	55.39 2.37 0.00	55.03 2.72 0.00	54.07 2.87 0.00	43.06 2.44 0.00	39.55 2.17 0.00	51.21 2.51 0.00	53.77 2.81 0.00	56.42 2.94 0.00	54.30 3.25 0.00	62.09 3.53 0.00	59.71 4.27 0.00	64.01 5.31 0.00	64.63 5.43 0.00	69.09 5.96 0.00	90.98 7.95 0.00	81.40 7.18 0.00	70.56 6.54 0.00	55.29 5.00 0.00	54.50 4.31 0.00	51.65 4.21 0.00	51.51 3.76 0.00	54.04 3.26 0.00	53.03 3.03 0.00	58.81 2.43 0.00
PATROON___115KV_TB1 80586	52.81 -0.21 0.00	52.23 -0.08 0.00	51.33 0.12 0.00	40.73 0.10 0.00	37.51 0.13 0.00	48.79 0.09 0.00	50.88 -0.07 0.00	53.42 -0.05 0.00	51.09 0.04 0.00	58.48 -0.08 0.00	55.81 0.37 0.00	59.72 1.03 0.00	60.57 1.37 0.00	64.70 1.57 0.00	85.06 2.03 0.00	75.65 1.42 0.00	65.40 1.38 0.00	51.50 1.21 0.00	51.21 1.02 0.00	48.26 0.81 0.00	48.51 0.77 0.00	51.33 0.55 0.00	50.18 0.18 0.00	56.23 -0.15 0.00
PATTRSNVILLE___SOLAR 323815	54.36 1.34 0.00	53.66 1.35 0.00	52.56 1.36 0.00	41.69 1.07 0.00	38.39 1.01 0.00	50.02 1.32 0.00	52.26 1.31 0.00	54.63 1.15 0.00	51.75 0.70 0.00	59.06 0.49 0.00	56.05 0.62 0.00	59.92 1.23 0.00	60.65 1.44 0.00	65.08 1.94 0.00	86.27 3.24 0.00	76.22 1.99 0.00	66.20 2.18 0.00	52.07 1.78 0.00	52.20 2.01 0.00	49.44 1.99 0.00	49.78 2.04 0.00	52.73 1.95 0.00	51.62 1.63 0.00	57.92 1.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	55.25 2.23 0.00	53.65 1.33 0.00	51.98 0.78 0.00	40.93 0.30 0.00	37.71 0.33 0.00	49.58 0.88 0.00	52.48 1.52 0.00	55.06 1.58 0.00	52.92 1.87 0.00	61.76 3.19 0.00	59.87 4.44 0.00	63.51 4.82 0.00	62.98 3.78 0.00	66.59 3.46 0.00	87.53 4.50 0.00	78.69 4.46 0.00	66.96 2.94 0.00	52.52 2.23 0.00	53.30 3.12 0.00	50.49 3.05 0.00	51.17 3.43 0.00	54.34 3.55 0.00	52.71 2.71 0.00	59.21 2.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.26 1.23 0.00	53.77 1.46 0.00	52.71 1.51 0.00	41.83 1.21 0.00	38.48 1.10 0.00	49.97 1.27 0.00	52.26 1.31 0.00	54.98 1.51 0.00	52.81 1.76 0.00	60.73 2.16 0.00	58.49 3.06 0.00	62.90 4.20 0.00	63.83 4.62 0.00	68.38 5.25 0.00	90.17 7.14 0.00	80.61 6.38 0.00	69.61 5.59 0.00	54.45 4.16 0.00	53.81 3.62 0.00	50.67 3.22 0.00	50.68 2.94 0.00	53.28 2.50 0.00	51.98 1.98 0.00	58.00 1.61 0.00
PEEKSKILL___ 23653	53.53 0.51 0.00	53.07 0.76 0.00	52.06 0.86 0.00	41.36 0.74 0.00	38.03 0.65 0.00	49.35 0.65 0.00	51.59 0.64 0.00	54.24 0.76 0.00	52.05 1.00 0.00	59.83 1.26 0.00	57.60 2.16 0.00	61.93 3.23 0.00	62.71 3.50 0.00	67.10 3.96 0.00	88.36 5.34 0.00	79.06 4.84 0.00	68.44 4.42 0.00	53.64 3.35 0.00	52.98 2.79 0.00	49.94 2.49 0.00	49.93 2.19 0.00	52.46 1.68 0.00	51.24 1.24 0.00	57.18 0.80 0.00
PGE MADISON___WINDPWR 24146	56.92 3.89 0.00	55.87 3.56 0.00	54.61 3.41 0.00	43.23 2.60 0.00	39.92 2.54 0.00	52.17 3.47 0.00	54.84 3.89 0.00	57.61 4.14 0.00	55.24 4.19 0.00	63.60 4.83 -0.20	60.93 5.43 -0.07	65.63 6.70 -0.24	65.09 5.88 0.00	69.02 5.89 0.00	91.44 8.41 0.00	81.93 7.70 0.00	70.65 6.63 0.00	56.28 5.99 0.00	56.65 6.46 0.00	53.64 6.19 0.00	54.06 6.17 -0.14	59.40 6.22 -2.39	55.23 5.20 -0.03	62.06 5.30 -0.37

PIERCEFIELD___HYD 23852	55.15 2.11 -0.01	54.49 2.18 0.00	53.09 1.90 0.00	42.10 1.48 0.00	38.63 1.25 0.00	50.50 1.80 0.00	52.77 1.82 0.00	54.83 1.35 0.00	52.13 1.08 0.00	60.19 1.55 -0.08	55.55 0.09 -0.02	57.70 -1.09 -0.09	57.80 -1.41 0.00	61.13 -2.00 0.00	79.63 -3.40 0.00	71.53 -2.70 0.00	61.74 -2.28 0.00	48.67 -1.63 0.00	48.66 -1.53 0.00	46.35 -1.10 0.00	46.96 -0.80 -0.02	50.16 -0.62 0.00	50.38 0.36 -0.01	57.65 1.13 -0.14
PINELAWN_CC_1 323563	54.36 1.34 0.00	54.17 1.86 0.00	52.86 1.66 0.00	41.95 1.33 0.00	38.52 1.14 0.00	50.07 1.37 0.00	52.45 1.49 0.00	54.72 1.25 0.00	52.12 1.07 0.00	59.56 1.00 0.00	57.19 1.75 0.00	61.36 2.66 0.00	62.33 3.13 0.00	66.47 3.34 0.00	87.52 4.49 0.00	78.12 3.89 0.00	68.18 3.99 -0.17	53.73 3.44 0.00	52.78 2.59 0.00	49.68 2.24 0.00	49.46 1.72 0.00	51.69 0.91 0.00	50.55 0.55 0.00	35.32 -0.10 20.96
PJM_GEN_HTTP_PROXY 323702	52.36 0.59 1.26	53.27 0.96 0.00	52.28 1.08 0.00	41.06 0.97 0.54	38.25 0.87 0.00	49.57 0.88 0.00	51.82 0.86 0.00	54.71 1.01 -0.22	52.39 1.34 0.00	58.16 1.69 2.10	58.07 2.64 0.00	62.41 3.71 0.00	63.12 3.92 0.00	67.51 4.37 0.00	88.91 5.89 0.00	79.52 5.29 0.00	68.82 4.80 0.00	53.91 3.62 0.00	53.19 3.00 0.00	50.13 2.68 0.00	50.14 2.40 0.00	52.64 1.86 0.00	51.48 1.49 0.00	57.35 0.97 0.00
PJM_GEN_KEystone 24065	51.87 0.10 1.26	46.90 -0.07 5.34	43.43 -0.08 7.69	36.25 -0.12 4.24	34.03 -0.07 3.28	38.20 -0.08 10.42	50.62 0.09 0.42	53.81 0.15 -0.18	51.43 0.39 0.00	56.96 0.86 2.46	56.89 1.87 0.42	61.17 2.58 0.11	61.53 2.34 0.01	65.57 2.45 0.01	83.06 3.25 3.22	76.18 3.10 1.15	66.60 2.58 0.00	52.26 1.96 0.00	52.25 2.06 0.00	51.87 1.95 -2.47	46.52 1.82 3.05	50.25 1.55 2.08	38.98 0.84 11.85	56.97 0.59 0.00
PJM_GEN_NEPTUNE_PROXY 323594	52.44 0.67 1.26	53.47 1.15 0.00	52.21 1.02 0.00	40.93 0.84 0.54	38.10 0.72 0.00	49.50 0.81 0.00	51.78 0.83 0.00	54.50 0.79 -0.22	51.93 0.89 0.00	57.45 0.98 2.10	57.38 1.95 0.00	61.60 2.90 0.00	62.51 3.31 0.00	66.68 3.55 0.00	87.81 4.78 0.00	78.40 4.17 0.00	68.03 4.01 0.00	53.64 3.34 0.00	52.72 2.53 0.00	49.67 2.22 0.00	49.52 1.77 0.00	51.90 1.12 0.00	50.74 0.75 0.00	30.54 -0.01 25.83
PJM_GEN_VFT_PROXY 323633	52.02 0.25 1.26	52.91 0.60 0.00	51.67 0.76 0.28	40.84 0.75 0.54	38.04 0.66 0.00	49.25 0.56 0.00	51.43 0.51 0.04	53.66 0.96 0.42	51.93 0.96 0.08	52.59 1.24 7.21	52.16 2.25 5.52	60.47 3.29 1.52	62.47 3.49 0.22	66.93 3.91 0.12	88.28 5.27 0.01	78.97 4.74 0.00	68.36 4.35 0.00	53.56 3.27 0.00	52.85 2.67 0.00	49.90 2.45 0.00	49.91 2.17 0.00	52.30 1.52 0.00	51.18 1.19 0.00	56.95 0.58 0.01
PLATSBURG_115KV_PMLD1 355749	53.75 0.73 0.00	53.08 0.76 0.00	51.76 0.56 0.00	41.01 0.38 0.00	37.74 0.36 0.00	49.27 0.57 0.00	51.68 0.72 0.00	54.55 1.07 0.00	52.11 1.06 0.00	59.64 1.08 0.00	54.91 -0.52 0.00	57.40 -1.29 0.00	58.08 -1.12 0.00	61.66 -1.47 0.00	81.45 -1.58 0.00	72.86 -1.36 0.00	62.83 -1.19 0.00	49.63 -0.66 0.00	49.68 -0.51 0.00	46.87 -0.57 0.00	47.32 -0.42 0.00	50.80 0.02 0.00	50.42 0.42 0.00	57.10 0.72 0.00
PLEASANTVLY___LBMP 24000	53.29 0.26 0.00	52.84 0.53 0.00	51.86 0.66 0.00	41.16 0.54 0.00	37.88 0.50 0.00	49.19 0.49 0.00	51.42 0.46 0.00	54.01 0.54 0.00	51.83 0.78 0.00	59.49 0.92 0.00	57.15 1.71 0.00	61.36 2.66 0.00	62.17 2.97 0.00	66.52 3.38 0.00	87.58 4.55 0.00	78.23 4.00 0.00	67.74 3.72 0.00	53.13 2.84 0.00	52.53 2.33 0.00	49.47 2.02 0.00	49.51 1.77 0.00	52.13 1.35 0.00	50.94 0.94 0.00	56.92 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.69 0.66 0.00	53.25 0.94 0.00	52.26 1.06 0.00	41.51 0.89 0.00	38.18 0.80 0.00	49.54 0.84 0.00	51.79 0.84 0.00	54.47 0.99 0.00	52.31 1.26 0.00	60.10 1.53 0.00	57.86 2.42 0.00	62.17 3.48 0.00	63.00 3.80 0.00	67.38 4.25 0.00	88.76 5.73 0.00	79.37 5.14 0.00	68.71 4.69 0.00	53.85 3.56 0.00	53.15 2.96 0.00	50.06 2.61 0.00	50.06 2.32 0.00	52.63 1.85 0.00	51.40 1.41 0.00	57.37 0.99 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.69 0.66 0.00	53.25 0.94 0.00	52.26 1.06 0.00	41.51 0.89 0.00	38.18 0.80 0.00	49.54 0.84 0.00	51.79 0.84 0.00	54.47 0.99 0.00	52.31 1.26 0.00	60.10 1.53 0.00	57.86 2.42 0.00	62.17 3.48 0.00	63.00 3.80 0.00	67.38 4.25 0.00	88.76 5.73 0.00	79.37 5.14 0.00	68.71 4.69 0.00	53.85 3.56 0.00	53.15 2.96 0.00	50.06 2.61 0.00	50.06 2.32 0.00	52.63 1.85 0.00	51.40 1.41 0.00	57.37 0.99 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.92 0.90 0.00	53.42 1.10 0.00	52.38 1.18 0.00	41.57 0.95 0.00	38.23 0.85 0.00	49.68 0.98 0.00	51.94 0.98 0.00	54.63 1.15 0.00	52.56 1.51 0.00	60.38 1.82 0.00	58.02 2.59 0.00	62.27 3.57 0.00	63.20 3.99 0.00	67.73 4.59 0.00	89.29 6.27 0.00	79.75 5.53 0.00	68.91 4.89 0.00	53.97 3.68 0.00	53.41 3.22 0.00	50.28 2.83 0.00	50.31 2.56 0.00	52.93 2.15 0.00	51.64 1.65 0.00	57.65 1.27 0.00
POLETTI_____ 23519	53.45 0.43 0.00	53.11 0.80 0.00	52.15 0.96 0.00	41.51 0.89 0.00	38.17 0.78 0.00	49.44 0.75 0.00	51.66 0.71 0.00	54.31 0.83 0.00	52.22 1.17 0.00	60.05 1.49 0.00	57.89 2.46 0.00	62.21 3.51 0.00	62.92 3.72 0.00	67.28 4.15 0.00	88.61 5.59 0.00	79.25 5.03 0.00	68.61 4.59 0.00	53.74 3.44 0.00	53.02 2.84 0.00	50.00 2.55 0.00	50.01 2.27 0.00	52.49 1.71 0.00	51.35 1.35 0.00	57.22 0.83 0.00
POMONA___ESR 323819	53.57 0.55 0.00	53.05 0.74 0.00	52.01 0.81 0.00	41.32 0.70 0.00	37.99 0.60 0.00	49.28 0.59 0.00	51.54 0.58 0.00	54.20 0.72 0.00	52.02 0.97 0.00	59.84 1.28 0.00	57.66 2.22 0.00	62.05 3.35 0.00	62.85 3.65 0.00	67.31 4.18 0.00	88.64 5.62 0.00	79.30 5.07 0.00	68.63 4.61 0.00	53.79 3.50 0.00	53.13 2.94 0.00	50.07 2.62 0.00	50.03 2.29 0.00	52.55 1.77 0.00	51.27 1.27 0.00	57.24 0.86 0.00
PORT_JEFF_3 23555	54.24 1.22 0.00	54.22 1.91 0.00	52.90 1.70 0.00	41.97 1.35 0.00	38.52 1.14 0.00	50.10 1.41 0.00	52.51 1.56 0.00	54.93 1.45 0.00	52.47 1.42 0.00	59.98 1.42 0.00	57.90 2.46 0.00	61.82 3.12 0.00	62.82 3.62 0.00	66.70 3.56 0.00	87.56 4.53 0.00	77.95 3.72 0.00	71.18 3.90 -3.25	53.79 3.49 0.00	52.79 2.60 0.00	49.68 2.24 0.00	49.57 1.82 0.00	51.83 1.05 0.00	50.83 0.84 0.00	32.50 -0.02 23.86
PORT_JEFF_4 23616	54.24 1.22 0.00	54.22 1.91 0.00	52.90 1.70 0.00	41.97 1.35 0.00	38.52 1.14 0.00	50.10 1.41 0.00	52.51 1.56 0.00	54.93 1.45 0.00	52.47 1.42 0.00	59.98 1.42 0.00	57.90 2.46 0.00	61.82 3.12 0.00	62.82 3.62 0.00	66.70 3.56 0.00	87.56 4.53 0.00	77.95 3.72 0.00	71.18 3.90 -3.25	53.79 3.49 0.00	52.79 2.60 0.00	49.68 2.24 0.00	49.57 1.82 0.00	51.83 1.05 0.00	50.83 0.84 0.00	32.50 -0.02 23.86

PORT_JEFF_IC 23713	54.39 1.36 0.00	54.33 2.02 0.00	53.01 1.81 0.00	42.05 1.43 0.00	38.59 1.22 0.00	50.21 1.51 0.00	52.62 1.67 0.00	55.06 1.59 0.00	52.63 1.58 0.00	60.18 1.62 0.00	58.12 2.69 0.00	62.15 3.45 0.00	63.15 3.95 0.00	66.87 3.73 0.00	87.84 4.81 0.00	78.24 4.01 0.00	72.62 4.27 -4.34	53.94 3.65 0.00	52.93 2.74 0.00	49.81 2.36 0.00	49.66 1.91 0.00	51.88 1.10 0.00	51.06 1.06 0.00	32.91 0.29 23.77
PPL PILGRIM_ST_GT1 24216	54.64 1.62 0.00	54.58 2.27 0.00	53.22 2.03 0.00	42.23 1.61 0.00	38.77 1.39 0.00	50.42 1.72 0.00	52.85 1.90 0.00	55.37 1.89 0.00	52.86 1.81 0.00	60.44 1.87 0.00	58.29 2.86 0.00	62.45 3.76 0.00	63.47 4.26 0.00	67.44 4.31 0.00	88.77 5.74 0.00	78.83 4.60 0.00	69.09 4.51 -0.55	54.50 4.20 0.00	53.54 3.35 0.00	50.45 3.00 0.00	50.22 2.48 0.00	52.42 1.64 0.00	51.41 1.42 0.00	33.55 0.55 23.38
PPL PILGRIM_ST_GT2 24217	54.64 1.62 0.00	54.58 2.27 0.00	53.22 2.03 0.00	42.23 1.61 0.00	38.77 1.39 0.00	50.42 1.72 0.00	52.85 1.90 0.00	55.37 1.89 0.00	52.86 1.81 0.00	60.44 1.87 0.00	58.29 2.86 0.00	62.45 3.76 0.00	63.47 4.26 0.00	67.44 4.31 0.00	88.77 5.74 0.00	78.83 4.60 0.00	69.09 4.51 -0.55	54.50 4.20 0.00	53.54 3.35 0.00	50.45 3.00 0.00	50.22 2.48 0.00	52.42 1.64 0.00	51.41 1.42 0.00	33.55 0.55 23.38
PPL_SHRM_GT3 24213	54.38 1.35 0.00	54.21 1.90 0.00	52.91 1.72 0.00	41.97 1.35 0.00	38.53 1.15 0.00	50.14 1.44 0.00	52.49 1.54 0.00	54.49 1.01 0.00	52.10 1.05 0.00	59.51 0.94 0.00	57.38 1.95 0.00	61.42 2.72 0.00	62.58 3.37 0.00	66.69 3.55 0.00	87.72 4.69 0.00	78.14 3.91 0.00	71.73 4.24 -3.46	54.52 4.22 0.00	53.53 3.34 0.00	50.31 2.86 0.00	50.24 2.50 0.00	52.43 1.65 0.00	51.21 1.21 0.00	32.95 0.38 23.82
PPL_SHRM_GT4 24214	54.38 1.35 0.00	54.21 1.90 0.00	52.91 1.72 0.00	41.97 1.35 0.00	38.53 1.15 0.00	50.14 1.44 0.00	52.49 1.54 0.00	54.49 1.01 0.00	52.10 1.05 0.00	59.51 0.94 0.00	57.38 1.95 0.00	61.42 2.72 0.00	62.58 3.37 0.00	66.69 3.55 0.00	87.72 4.69 0.00	78.14 3.91 0.00	71.73 4.24 -3.46	54.52 4.22 0.00	53.53 3.34 0.00	50.31 2.86 0.00	50.24 2.50 0.00	52.43 1.65 0.00	51.21 1.21 0.00	32.95 0.38 23.82
PROJECT___ORANGE 1 24174	52.89 -0.13 0.00	51.97 -0.34 0.00	50.76 -0.44 0.00	40.23 -0.39 0.00	37.04 -0.34 0.00	48.26 -0.43 0.00	50.67 -0.28 0.00	53.21 -0.27 0.00	50.93 -0.12 0.00	59.02 0.18 -0.27	56.28 0.76 -0.07	60.05 1.03 -0.32	60.00 0.80 0.00	63.91 0.78 0.00	84.10 1.07 0.00	75.26 1.03 0.00	64.76 0.74 0.00	50.87 0.57 0.00	50.93 0.74 0.00	48.24 0.79 0.00	48.57 0.76 -0.06	51.44 0.65 0.00	50.27 0.22 -0.05	56.85 -0.04 -0.50
PROJECT___ORANGE 2 24166	52.89 -0.13 0.00	51.97 -0.34 0.00	50.76 -0.44 0.00	40.23 -0.39 0.00	37.04 -0.34 0.00	48.26 -0.43 0.00	50.67 -0.28 0.00	53.21 -0.27 0.00	50.93 -0.12 0.00	59.02 0.18 -0.27	56.28 0.76 -0.07	60.05 1.03 -0.32	60.00 0.80 0.00	63.91 0.78 0.00	84.10 1.07 0.00	75.26 1.03 0.00	64.76 0.74 0.00	50.87 0.57 0.00	50.93 0.74 0.00	48.24 0.79 0.00	48.57 0.76 -0.06	51.44 0.65 0.00	50.27 0.22 -0.05	56.85 -0.04 -0.50
PUCKETT___SOLAR 323809	54.14 1.12 0.00	53.31 1.00 0.00	52.16 0.96 0.00	41.36 0.74 0.00	38.13 0.75 0.00	49.70 1.00 0.00	52.08 1.13 0.00	54.63 1.15 0.00	52.17 1.12 0.00	60.15 1.40 -0.19	57.37 1.88 -0.06	61.46 2.55 -0.22	61.18 1.98 0.00	65.10 1.96 0.00	86.09 3.06 0.00	76.97 2.74 0.00	66.44 2.42 0.00	52.72 2.43 0.00	52.92 2.73 0.00	50.12 2.67 0.00	50.48 2.59 -0.15	55.94 2.60 -2.56	51.86 1.84 -0.03	58.55 1.82 -0.35
PYRITES___HYD 24023	56.59 3.56 -0.01	55.79 3.48 0.00	54.38 3.18 0.00	43.12 2.50 0.00	39.58 2.20 0.00	51.82 3.12 0.00	54.30 3.34 0.00	56.41 2.93 0.00	53.67 2.62 0.00	62.02 3.45 0.00	57.08 1.65 0.00	58.91 0.21 0.00	59.04 -0.16 0.00	62.66 -0.47 0.00	81.46 -1.57 0.00	73.21 -1.02 0.00	63.14 -0.88 0.00	50.00 -0.30 0.00	49.84 -0.35 0.00	47.79 0.34 0.00	48.46 0.72 0.00	51.75 0.97 0.00	51.84 1.85 0.00	59.12 2.74 0.00
QUAKERRD_115KV_BK1 80622	53.53 0.51 0.00	52.25 -0.06 0.00	50.81 -0.38 0.00	40.17 -0.45 0.00	37.01 -0.37 0.00	48.48 -0.22 0.00	51.12 0.17 0.00	53.65 0.17 0.00	51.45 0.40 0.00	59.66 1.09 0.00	57.31 1.87 0.00	60.90 2.21 0.00	60.89 1.69 0.00	64.67 1.53 0.00	85.03 2.00 0.00	76.26 2.04 0.00	65.13 1.11 0.00	51.06 0.76 0.00	51.51 1.32 0.00	48.74 1.29 0.00	49.25 1.50 0.00	52.27 1.49 0.00	50.95 0.96 0.00	57.10 0.71 0.00
QUENSBRY_115KV_TB8 356137	54.96 1.94 0.00	54.23 1.92 0.00	53.16 1.96 0.00	42.03 1.41 0.00	38.98 1.60 0.00	50.88 2.18 0.00	53.33 2.38 0.00	56.19 2.71 0.00	53.48 2.43 0.00	60.71 2.14 0.00	57.45 2.01 0.00	61.61 2.92 0.00	62.63 3.43 0.00	67.01 3.88 0.00	88.91 5.89 0.00	78.95 4.72 0.00	68.41 4.39 0.00	53.81 3.52 0.00	53.99 3.80 0.00	50.81 3.36 0.00	51.11 3.37 0.00	54.04 3.26 0.00	52.61 2.61 0.00	58.84 2.46 0.00
RAMAPO___LBMP 323565	53.36 0.33 0.00	52.83 0.52 0.00	51.80 0.61 0.00	41.16 0.54 0.00	37.84 0.46 0.00	49.11 0.41 0.00	51.36 0.40 0.00	53.99 0.51 0.00	51.79 0.74 0.00	59.55 0.99 0.00	57.32 1.89 0.00	61.68 2.98 0.00	62.44 3.24 0.00	66.84 3.71 0.00	88.01 4.99 0.00	78.77 4.55 0.00	68.20 4.18 0.00	53.46 3.16 0.00	52.83 2.64 0.00	49.80 2.36 0.00	49.78 2.04 0.00	52.29 1.50 0.00	51.03 1.04 0.00	57.01 0.63 0.00
RANKINE____ 23646	55.51 2.49 0.00	53.86 1.55 0.00	52.15 0.95 0.00	41.06 0.44 0.00	37.86 0.48 0.00	49.79 1.10 0.00	52.69 1.74 0.00	55.25 1.77 0.00	53.09 2.05 0.00	61.99 3.43 0.00	60.11 4.68 0.00	63.75 5.05 0.00	63.12 3.92 0.00	66.73 3.59 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.97 2.94 0.00	52.42 2.13 0.00	53.24 3.05 0.00	50.45 3.00 0.00	51.20 3.46 0.00	54.42 3.64 0.00	52.92 2.92 0.00	59.50 3.11 0.00
RAVENSWOOD_GT2_1 24244	53.61 0.59 0.00	53.27 0.95 0.00	52.29 1.10 0.00	41.61 0.99 0.00	38.26 0.88 0.00	49.58 0.88 0.00	51.82 0.86 0.00	54.47 0.99 0.00	52.37 1.32 0.00	60.22 1.65 0.00	58.01 2.58 0.00	62.34 3.64 0.00	63.03 3.82 0.00	67.38 4.24 0.00	88.74 5.71 0.00	79.35 5.12 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.12 2.93 0.00	50.08 2.64 0.00	50.11 2.37 0.00	52.62 1.84 0.00	51.49 1.49 0.00	57.36 0.98 0.00
RAVENSWOOD_GT2_2 24245	53.61 0.59 0.00	53.27 0.95 0.00	52.29 1.10 0.00	41.61 0.99 0.00	38.26 0.88 0.00	49.58 0.88 0.00	51.82 0.86 0.00	54.47 0.99 0.00	52.37 1.32 0.00	60.22 1.65 0.00	58.01 2.58 0.00	62.34 3.64 0.00	63.03 3.82 0.00	67.38 4.24 0.00	88.74 5.71 0.00	79.35 5.12 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.12 2.93 0.00	50.08 2.64 0.00	50.11 2.37 0.00	52.62 1.84 0.00	51.49 1.49 0.00	57.36 0.98 0.00

RAVENSWOOD_GT2_3 24246	53.65 0.63 0.00	53.31 1.00 0.00	52.33 1.13 0.00	41.63 1.01 0.00	38.28 0.90 0.00	49.60 0.90 0.00	51.85 0.89 0.00	54.51 1.03 0.00	52.42 1.37 0.00	60.26 1.69 0.00	58.06 2.63 0.00	62.38 3.69 0.00	63.09 3.88 0.00	67.43 4.30 0.00	88.80 5.77 0.00	79.42 5.19 0.00	68.76 4.74 0.00	53.87 3.58 0.00	53.15 2.97 0.00	50.12 2.67 0.00	50.15 2.41 0.00	52.66 1.88 0.00	51.53 1.53 0.00	57.40 1.02 0.00
RAVENSWOOD_GT2_4 24247	53.65 0.63 0.00	53.31 1.00 0.00	52.33 1.13 0.00	41.63 1.01 0.00	38.28 0.90 0.00	49.60 0.90 0.00	51.85 0.89 0.00	54.51 1.03 0.00	52.42 1.37 0.00	60.26 1.69 0.00	58.06 2.63 0.00	62.38 3.69 0.00	63.09 3.88 0.00	67.43 4.30 0.00	88.80 5.77 0.00	79.42 5.19 0.00	68.76 4.74 0.00	53.87 3.58 0.00	53.15 2.97 0.00	50.12 2.67 0.00	50.15 2.41 0.00	52.66 1.88 0.00	51.53 1.53 0.00	57.40 1.02 0.00
RAVENSWOOD_GT3_1 24248	53.63 0.60 0.00	53.28 0.96 0.00	52.30 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.82 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.03 3.83 0.00	67.39 4.26 0.00	88.75 5.72 0.00	79.35 5.13 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.12 2.93 0.00	50.09 2.65 0.00	50.12 2.37 0.00	52.63 1.85 0.00	51.49 1.49 0.00	57.37 0.99 0.00
RAVENSWOOD_GT3_2 24249	53.63 0.60 0.00	53.28 0.96 0.00	52.30 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.82 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.03 3.83 0.00	67.39 4.26 0.00	88.75 5.72 0.00	79.35 5.13 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.12 2.93 0.00	50.09 2.65 0.00	50.12 2.37 0.00	52.63 1.85 0.00	51.49 1.49 0.00	57.37 0.99 0.00
RAVENSWOOD_GT3_3 24250	53.75 0.73 0.00	53.38 1.07 0.00	52.40 1.20 0.00	41.70 1.08 0.00	38.34 0.96 0.00	49.68 0.99 0.00	51.93 0.97 0.00	54.60 1.12 0.00	52.51 1.46 0.00	60.38 1.81 0.00	58.17 2.74 0.00	62.51 3.81 0.00	63.20 4.00 0.00	67.56 4.43 0.00	88.99 5.96 0.00	79.57 5.34 0.00	68.90 4.88 0.00	53.98 3.68 0.00	53.26 3.07 0.00	50.21 2.76 0.00	50.25 2.50 0.00	52.76 1.97 0.00	51.61 1.61 0.00	57.50 1.12 0.00
RAVENSWOOD_GT3_4 24251	53.75 0.73 0.00	53.38 1.07 0.00	52.40 1.20 0.00	41.70 1.08 0.00	38.34 0.96 0.00	49.68 0.99 0.00	51.93 0.97 0.00	54.60 1.12 0.00	52.51 1.46 0.00	60.38 1.81 0.00	58.17 2.74 0.00	62.51 3.81 0.00	63.20 4.00 0.00	67.56 4.43 0.00	88.99 5.96 0.00	79.57 5.34 0.00	68.90 4.88 0.00	53.98 3.68 0.00	53.26 3.07 0.00	50.21 2.76 0.00	50.25 2.50 0.00	52.76 1.97 0.00	51.61 1.61 0.00	57.50 1.12 0.00
RAVENSWOOD_GT_1 23729	53.51 0.49 0.00	53.22 0.91 0.00	52.28 1.08 0.00	41.65 1.03 0.00	38.25 0.87 0.00	49.48 0.78 0.00	51.76 0.81 0.00	54.39 0.91 0.00	52.40 1.35 0.00	60.02 1.45 0.00	57.81 2.37 0.00	62.09 3.39 0.00	62.70 3.50 0.00	67.12 3.98 0.00	88.33 5.30 0.00	79.05 4.82 0.00	68.51 4.49 0.00	53.68 3.39 0.00	52.91 2.72 0.00	50.03 2.59 0.00	49.99 2.25 0.00	52.44 1.66 0.00	51.41 1.41 0.00	57.14 0.76 0.00
RAVENSWOOD_GT_10 24258	53.64 0.61 0.00	53.28 0.97 0.00	52.32 1.12 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.48 1.00 0.00	52.38 1.33 0.00	60.23 1.66 0.00	58.03 2.59 0.00	62.35 3.65 0.00	63.04 3.84 0.00	67.41 4.27 0.00	88.76 5.74 0.00	79.38 5.15 0.00	68.73 4.71 0.00	53.84 3.55 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.50 1.50 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_11 24259	53.64 0.61 0.00	53.28 0.97 0.00	52.32 1.12 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.48 1.00 0.00	52.38 1.33 0.00	60.23 1.66 0.00	58.03 2.59 0.00	62.35 3.65 0.00	63.04 3.84 0.00	67.41 4.27 0.00	88.76 5.74 0.00	79.38 5.15 0.00	68.73 4.71 0.00	53.84 3.55 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.50 1.50 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_4 24252	53.63 0.60 0.00	53.28 0.96 0.00	52.31 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.04 3.84 0.00	67.40 4.26 0.00	88.75 5.72 0.00	79.36 5.13 0.00	68.72 4.70 0.00	53.83 3.54 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.49 1.49 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_5 24254	53.63 0.60 0.00	53.28 0.96 0.00	52.31 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.04 3.84 0.00	67.40 4.26 0.00	88.75 5.72 0.00	79.36 5.13 0.00	68.72 4.70 0.00	53.83 3.54 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.49 1.49 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_6 24253	53.63 0.60 0.00	53.28 0.96 0.00	52.31 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.04 3.84 0.00	67.40 4.26 0.00	88.75 5.72 0.00	79.36 5.13 0.00	68.72 4.70 0.00	53.83 3.54 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.49 1.49 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_7 24255	53.63 0.60 0.00	53.28 0.96 0.00	52.31 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.47 1.00 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.02 2.59 0.00	62.34 3.64 0.00	63.04 3.84 0.00	67.40 4.26 0.00	88.75 5.72 0.00	79.36 5.13 0.00	68.72 4.70 0.00	53.83 3.54 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.49 1.49 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.64 0.61 0.00	53.28 0.97 0.00	52.32 1.12 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.48 1.00 0.00	52.38 1.33 0.00	60.23 1.66 0.00	58.03 2.59 0.00	62.35 3.65 0.00	63.04 3.84 0.00	67.41 4.27 0.00	88.76 5.74 0.00	79.38 5.15 0.00	68.73 4.71 0.00	53.84 3.55 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.50 1.50 0.00	57.38 1.00 0.00
RAVENSWOOD_GT_9 24257	53.64 0.61 0.00	53.28 0.97 0.00	52.32 1.12 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.59 0.89 0.00	51.83 0.87 0.00	54.48 1.00 0.00	52.38 1.33 0.00	60.23 1.66 0.00	58.03 2.59 0.00	62.35 3.65 0.00	63.04 3.84 0.00	67.41 4.27 0.00	88.76 5.74 0.00	79.38 5.15 0.00	68.73 4.71 0.00	53.84 3.55 0.00	53.13 2.94 0.00	50.10 2.65 0.00	50.12 2.38 0.00	52.64 1.86 0.00	51.50 1.50 0.00	57.38 1.00 0.00

RAVENSWOOD___1 23533	53.43 0.40 0.00	53.17 0.86 0.00	52.22 1.02 0.00	41.61 0.99 0.00	38.22 0.84 0.00	49.41 0.71 0.00	51.71 0.76 0.00	54.33 0.85 0.00	52.34 1.29 0.00	59.91 1.35 0.00	57.69 2.25 0.00	62.00 3.30 0.00	62.60 3.40 0.01	67.00 3.86 0.00	88.19 5.16 0.00	78.92 4.69 0.00	68.42 4.40 0.00	53.61 3.31 0.00	52.83 2.64 0.00	49.98 2.53 0.00	49.94 2.21 0.00	52.37 1.60 0.00	51.35 1.36 0.00	57.07 0.69 0.00
RAVENSWOOD___2 23534	53.17 0.14 0.00	52.98 0.67 0.00	52.03 0.83 0.00	41.51 0.88 0.00	38.12 0.74 0.00	49.25 0.56 0.00	51.51 0.56 0.00	54.13 0.66 0.00	52.14 1.09 0.00	59.62 1.06 0.00	57.36 1.93 0.00	61.56 2.86 0.00	62.02 2.82 0.01	66.39 3.26 0.00	87.38 4.36 0.00	78.21 3.98 0.00	67.81 3.79 0.00	53.13 2.84 0.00	52.36 2.17 0.00	49.62 2.17 0.00	49.62 1.88 0.00	52.08 1.30 0.00	51.14 1.15 0.00	56.84 0.46 0.00
RAVENSWOOD___3 23535	53.63 0.60 0.00	53.27 0.96 0.00	52.31 1.11 0.00	41.62 1.00 0.00	38.27 0.89 0.00	49.58 0.88 0.00	51.82 0.87 0.00	54.47 0.99 0.00	52.38 1.33 0.00	60.22 1.66 0.00	58.01 2.58 0.00	62.34 3.64 0.00	63.04 3.84 0.00	67.40 4.26 0.00	88.76 5.73 0.00	79.36 5.13 0.00	68.71 4.69 0.00	53.83 3.54 0.00	53.12 2.93 0.00	50.10 2.65 0.00	50.12 2.37 0.00	52.64 1.85 0.00	51.49 1.50 0.00	57.36 0.98 0.00
RAVENSWOOD___4 23820	53.37 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.57 0.95 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.69 0.00	54.26 0.78 0.00	52.29 1.24 0.00	59.84 1.27 0.00	57.60 2.17 0.00	61.89 3.19 0.00	62.49 3.29 0.01	66.90 3.77 0.00	88.04 5.02 0.00	78.81 4.58 0.00	68.32 4.30 0.00	53.52 3.23 0.00	52.75 2.56 0.00	49.92 2.48 0.00	49.87 2.13 0.00	52.32 1.54 0.00	51.31 1.31 0.00	57.00 0.62 0.00
RCPL_TRUST___DRP 24196	53.69 0.67 0.00	53.32 1.01 0.00	52.36 1.17 0.00	41.65 1.04 0.00	38.30 0.92 0.00	49.65 0.95 0.00	51.90 0.94 0.00	54.58 1.09 0.00	52.49 1.44 0.00	60.39 1.82 0.00	58.21 2.77 0.00	62.55 3.86 0.00	63.26 4.06 0.00	67.66 4.52 0.00	89.09 6.07 0.00	79.69 5.46 0.00	68.97 4.95 0.00	54.02 3.73 0.00	53.29 3.10 0.00	50.21 2.76 0.00	50.21 2.47 0.00	52.71 1.93 0.00	51.56 1.56 0.00	57.45 1.06 0.00
RED___ROCHESTER 323720	55.61 2.58 0.00	54.17 1.86 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.53 0.00	53.00 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.90 3.33 0.00	59.58 4.16 0.01	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.38 5.35 0.00	79.33 5.10 0.00	67.63 3.61 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.23 3.63 0.15	50.68 3.72 3.83	53.04 3.04 0.00	59.36 2.98 0.00
REGAN___SOLAR 323812	56.30 3.28 0.00	55.42 3.11 0.00	54.15 2.96 0.00	42.91 2.29 0.00	39.48 2.10 0.00	51.52 2.82 0.00	53.97 3.01 0.00	56.08 2.60 0.00	52.31 1.26 0.00	59.03 0.46 0.00	55.95 0.52 0.00	59.82 1.12 0.00	60.39 1.18 0.00	65.31 2.18 0.00	87.94 4.91 0.00	77.30 3.07 0.00	67.09 3.07 0.00	52.85 2.56 0.00	53.74 3.55 0.00	51.27 3.82 0.00	51.74 4.00 0.00	54.77 3.99 0.00	53.54 3.54 0.00	60.00 3.62 0.00
RENSSELAER___COGEN 23796	52.22 -0.80 0.00	51.69 -0.62 0.00	50.83 -0.37 0.00	40.35 -0.27 0.00	37.17 -0.21 0.00	48.35 -0.35 0.00	50.37 -0.58 0.00	52.85 -0.63 0.00	50.50 -0.54 0.00	57.79 -0.78 0.00	55.09 -0.35 0.00	58.91 0.21 0.00	59.65 0.45 0.00	63.76 0.63 0.00	83.94 0.91 0.00	74.66 0.43 0.00	64.55 0.53 0.00	50.87 0.58 0.00	50.57 0.38 0.00	47.68 0.23 0.00	47.91 0.17 0.00	50.72 -0.06 0.00	49.62 -0.38 0.00	55.62 -0.77 0.00
REPUBLIC_115KV_BARTNBK 55605	57.75 4.72 0.00	56.86 4.55 0.00	55.73 4.53 0.00	43.71 3.09 0.00	40.97 3.59 0.00	53.78 5.08 0.00	56.78 5.82 0.00	60.00 6.52 0.00	56.85 5.80 0.00	63.54 4.97 0.00	60.29 4.86 0.00	64.80 6.10 0.00	65.81 6.61 0.00	70.18 7.05 0.00	93.99 10.96 0.00	83.88 9.65 0.00	73.16 9.14 0.00	57.41 7.11 0.00	56.70 6.51 0.00	53.51 6.06 0.00	53.62 5.88 0.00	57.13 6.34 0.00	55.21 5.21 0.00	61.67 5.29 0.00
REVERE_CPPR_DRP 24186	55.93 2.90 0.00	54.93 2.62 0.00	53.74 2.55 0.00	42.54 1.92 0.00	39.07 1.69 0.00	50.99 2.29 0.00	53.57 2.61 0.00	56.17 2.69 0.00	53.42 2.37 0.00	62.03 3.33 -0.13	58.98 3.50 -0.04	62.68 3.82 -0.16	62.60 3.39 0.00	66.29 3.16 0.00	86.90 3.87 0.00	77.90 3.67 0.00	67.34 3.31 0.00	53.10 2.80 0.00	53.29 3.10 0.00	50.82 3.37 0.00	51.11 3.33 -0.03	54.16 3.38 -0.02	52.98 2.96 -0.02	59.67 3.04 -0.25
REYNLDPA_13_KV_LD 356490	54.19 1.17 0.00	53.48 1.17 0.00	52.15 0.95 0.00	41.37 0.75 0.00	38.04 0.66 0.00	49.67 0.98 0.00	52.07 1.12 0.00	54.60 1.13 0.00	52.09 1.04 0.00	59.74 1.17 0.00	55.47 0.04 0.00	57.85 -0.85 0.00	58.26 -0.94 0.00	61.96 -1.17 0.00	81.42 -1.61 0.00	73.12 -1.11 0.00	63.04 -0.98 0.00	49.51 -0.78 0.00	49.47 -0.72 0.00	46.79 -0.66 0.00	47.28 -0.47 0.00	50.59 -0.19 0.00	50.45 0.46 0.00	57.34 0.95 0.00
REYNOLDS_115KV_TB3 80639	52.77 -0.25 0.00	52.21 -0.10 0.00	51.30 0.10 0.00	40.68 0.06 0.00	37.50 0.12 0.00	48.76 0.07 0.00	50.85 -0.10 0.00	53.40 -0.08 0.00	51.04 -0.01 0.00	58.37 -0.20 0.00	55.66 0.22 0.00	59.57 0.87 0.00	60.36 1.16 0.00	64.51 1.38 0.00	84.88 1.85 0.00	75.49 1.26 0.00	65.32 1.30 0.00	51.42 1.13 0.00	51.09 0.90 0.00	48.13 0.68 0.00	48.41 0.67 0.00	51.24 0.46 0.00	50.12 0.13 0.00	56.21 -0.18 0.00
RIVERBAY____ 323610	55.39 2.37 0.00	55.03 2.72 0.00	54.07 2.87 0.00	43.06 2.44 0.00	39.55 2.17 0.00	51.21 2.51 0.00	53.77 2.81 0.00	56.42 2.94 0.00	54.30 3.25 0.00	62.09 3.53 0.00	59.71 4.27 0.00	64.01 5.31 0.00	64.63 5.43 0.00	69.09 5.96 0.00	90.98 7.95 0.00	81.40 7.18 0.00	70.56 6.54 0.00	55.29 5.00 0.00	54.50 4.31 0.00	51.65 4.21 0.00	51.51 3.76 0.00	54.04 3.26 0.00	53.03 3.03 0.00	58.81 2.43 0.00
RIVERSDE_115KV_TB3 55908	52.66 -0.36 0.00	52.08 -0.23 0.00	51.18 -0.02 0.00	40.61 -0.01 0.00	37.42 0.04 0.00	48.66 -0.04 0.00	50.74 -0.21 0.00	53.28 -0.20 0.00	50.93 -0.12 0.00	58.28 -0.29 0.00	55.59 0.15 0.00	59.47 0.78 0.00	60.29 1.09 0.00	64.44 1.30 0.00	84.73 1.71 0.00	75.37 1.14 0.00	65.19 1.16 0.00	51.32 1.03 0.00	51.01 0.82 0.00	48.07 0.62 0.00	48.32 0.58 0.00	51.15 0.36 0.00	50.02 0.02 0.00	56.07 -0.32 0.00
ROARING___BROOK_WT_PWR 323790	53.01 -0.02 0.00	52.32 0.01 0.00	51.17 -0.02 0.00	40.61 -0.01 0.00	37.14 -0.24 0.00	48.58 -0.12 0.00	50.89 -0.07 0.00	53.39 -0.09 0.00	50.49 -0.56 0.00	58.16 -0.41 0.00	55.16 -0.28 0.00	58.20 -0.50 0.00	58.66 -0.54 0.00	62.44 -0.70 0.00	82.10 -0.93 0.00	73.48 -0.75 0.00	63.41 -0.61 0.00	49.81 -0.48 0.00	49.78 -0.41 0.00	47.11 -0.34 0.00	47.41 -0.33 0.00	50.45 -0.33 0.00	49.77 -0.23 0.00	56.36 -0.02 0.00

ROCHESRG_115KV_T4 355643	54.69 1.67 0.00	53.33 1.02 0.00	51.82 0.62 0.00	40.94 0.32 0.00	37.74 0.36 0.00	49.48 0.78 0.00	52.19 1.24 0.00	54.75 1.26 0.00	52.52 1.47 0.00	60.98 2.41 0.00	58.68 3.24 0.00	62.34 3.65 0.00	62.21 3.00 0.00	66.01 2.87 0.00	86.76 3.73 0.00	77.85 3.62 0.00	66.33 2.31 0.00	51.96 1.66 0.00	52.50 2.31 0.00	49.70 2.25 0.00	50.32 2.57 0.00	53.46 2.67 0.00	52.11 2.11 0.00	58.41 2.02 0.00
ROCHESTER_9_IC 23652	55.17 2.15 0.00	53.77 1.46 0.00	52.23 1.03 0.00	41.26 0.64 0.00	38.02 0.64 0.00	49.88 1.18 0.00	52.62 1.67 0.00	55.19 1.71 0.00	52.95 1.90 0.00	61.48 2.92 0.00	59.17 3.73 0.00	62.90 4.20 0.00	62.80 3.59 0.00	66.64 3.51 0.00	87.60 4.57 0.00	78.63 4.40 0.00	67.00 2.98 0.00	52.52 2.23 0.00	53.10 2.91 0.00	50.27 2.82 0.00	50.86 3.11 0.00	54.00 3.22 0.00	52.59 2.60 0.00	58.90 2.51 0.00
ROCKVIEW_13_KV_LD 356306	53.95 0.93 0.00	53.53 1.22 0.00	52.52 1.32 0.00	41.73 1.11 0.00	38.38 1.00 0.00	49.79 1.09 0.00	52.05 1.09 0.00	54.74 1.26 0.00	52.57 1.52 0.00	60.45 1.88 0.00	58.25 2.81 0.00	62.59 3.89 0.00	63.37 4.17 0.00	67.80 4.66 0.00	89.28 6.26 0.00	79.87 5.64 0.00	69.15 5.13 0.00	54.20 3.91 0.00	53.51 3.32 0.00	50.40 2.96 0.00	50.39 2.65 0.00	52.94 2.16 0.00	51.72 1.72 0.00	57.66 1.28 0.00
ROME____115KV_TB2 80656	55.93 2.90 0.00	54.93 2.62 0.00	53.74 2.55 0.00	42.54 1.92 0.00	39.07 1.69 0.00	50.99 2.29 0.00	53.57 2.61 0.00	56.17 2.69 0.00	53.42 2.37 0.00	62.03 3.33 -0.13	58.98 3.50 -0.04	62.68 3.82 -0.16	62.60 3.39 0.00	66.29 3.16 0.00	86.90 3.87 0.00	77.90 3.67 0.00	67.34 3.31 0.00	53.10 2.80 0.00	53.29 3.10 0.00	50.82 3.37 0.00	51.11 3.33 -0.03	54.16 3.38 0.00	52.98 2.96 -0.02	59.67 3.04 -0.25
ROSETON___1 23587	53.24 0.22 0.00	52.81 0.50 0.00	51.83 0.63 0.00	41.16 0.54 0.00	37.87 0.49 0.00	49.16 0.46 0.00	51.38 0.43 0.00	54.00 0.53 0.00	51.81 0.76 0.00	59.45 0.88 0.00	57.10 1.67 0.00	61.33 2.63 0.00	62.10 2.90 0.00	66.44 3.31 0.00	87.46 4.43 0.00	78.13 3.90 0.00	67.62 3.60 0.00	53.03 2.74 0.00	52.40 2.21 0.00	49.38 1.93 0.00	49.41 1.67 0.00	52.02 1.24 0.00	50.88 0.89 0.00	56.93 0.54 0.00
ROSETON___2 23588	53.24 0.22 0.00	52.81 0.50 0.00	51.83 0.63 0.00	41.16 0.54 0.00	37.87 0.49 0.00	49.16 0.46 0.00	51.38 0.43 0.00	54.00 0.53 0.00	51.81 0.76 0.00	59.45 0.88 0.00	57.10 1.67 0.00	61.33 2.63 0.00	62.10 2.90 0.00	66.44 3.31 0.00	87.46 4.43 0.00	78.13 3.90 0.00	67.62 3.60 0.00	53.03 2.74 0.00	52.40 2.21 0.00	49.38 1.93 0.00	49.41 1.67 0.00	52.02 1.24 0.00	50.88 0.89 0.00	56.93 0.54 0.00
ROTRRDAM_115KV_TB3 80664	53.71 0.69 0.00	53.09 0.78 0.00	52.05 0.86 0.00	41.31 0.69 0.00	38.03 0.66 0.00	49.53 0.83 0.00	51.72 0.76 0.00	54.25 0.77 0.00	51.69 0.64 0.00	59.16 0.60 0.00	56.30 0.87 0.00	60.13 1.43 0.00	60.87 1.67 0.00	65.14 2.01 0.00	85.82 2.79 0.00	76.33 2.10 0.00	66.04 2.02 0.00	51.91 1.62 0.00	51.79 1.61 0.00	48.91 1.46 0.00	49.19 1.45 0.00	52.13 1.35 0.00	51.03 1.03 0.00	57.26 0.87 0.00
RUSSELL___1 23602	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
RUSSELL___2 23532	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
RUSSELL___3 23549	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
RUSSELL___4 23556	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
RUSSELL___STATION 23914	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
S SALMON___HYD 24043	54.05 1.03 0.00	52.99 0.68 0.00	51.76 0.57 0.00	41.06 0.44 0.00	37.61 0.23 0.00	49.12 0.42 0.00	51.66 0.70 0.00	54.17 0.69 0.00	51.45 0.40 0.00	60.37 1.22 -0.59	57.14 1.54 -0.16	61.06 1.67 -0.70	60.42 1.21 0.00	64.05 0.92 0.00	83.89 0.87 0.00	75.20 0.98 0.00	64.63 0.61 0.00	50.88 0.58 0.00	51.10 0.92 0.00	48.82 1.37 0.00	49.41 1.53 -0.14	52.21 1.43 0.00	51.02 0.93 -0.10	58.24 0.77 -1.09
S.PERRY__115KV_TB1 80734	55.44 2.41 0.00	53.86 1.55 0.00	52.28 1.09 0.00	41.25 0.63 0.00	37.95 0.57 0.00	49.58 0.88 0.00	52.52 1.56 0.00	55.26 1.78 0.00	52.99 1.95 0.00	61.13 2.56 0.00	58.68 3.24 0.00	62.05 3.35 0.00	61.19 1.98 0.00	64.09 0.95 0.00	82.98 -0.04 0.00	74.45 0.22 0.00	64.41 0.39 0.00	50.63 0.33 0.00	51.60 1.41 0.00	49.67 2.22 0.00	50.85 3.11 0.00	55.58 4.80 0.00	53.54 3.54 0.00	59.54 3.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	55.20 2.18 0.00	53.57 1.26 0.00	51.86 0.66 0.00	40.85 0.23 0.00	37.67 0.29 0.00	49.58 0.88 0.00	52.44 1.49 0.00	54.93 1.45 0.00	52.79 1.75 0.00	61.65 3.08 0.00	59.79 4.36 0.00	63.43 4.73 0.00	62.73 3.53 0.00	66.29 3.16 0.00	87.11 4.08 0.00	78.33 4.10 0.00	66.42 2.40 0.00	51.89 1.59 0.00	52.66 2.47 0.00	49.86 2.41 0.00	50.70 2.95 0.00	53.94 3.15 0.00	52.57 2.57 0.00	59.11 2.73 0.00

SAWYER___23_KV_LOAD 55526	55.20 2.18 0.00	53.57 1.26 0.00	51.86 0.66 0.00	40.85 0.23 0.00	37.67 0.29 0.00	49.58 0.88 0.00	52.44 1.49 0.00	54.93 1.45 0.00	52.79 1.75 0.00	61.65 3.08 0.00	59.79 4.36 0.00	63.43 4.73 0.00	62.73 3.53 0.00	66.29 3.16 0.00	87.11 4.08 0.00	78.33 4.10 0.00	66.42 2.40 0.00	51.89 1.59 0.00	52.66 2.47 0.00	49.86 2.41 0.00	50.70 2.95 0.00	53.94 3.15 0.00	52.57 2.57 0.00	59.11 2.73 0.00
SELKIRK___I 23801	51.78 -1.24 0.00	51.27 -1.05 0.00	50.41 -0.78 0.00	40.01 -0.61 0.00	36.86 -0.52 0.00	47.93 -0.77 0.00	49.91 -1.04 0.00	52.29 -1.19 0.00	49.84 -1.21 0.00	56.96 -1.61 0.00	54.22 -1.21 0.00	57.91 -0.79 0.00	58.72 -0.49 0.00	62.82 -0.32 0.00	82.67 -0.36 0.00	73.58 -0.65 0.00	63.53 -0.49 0.00	50.07 -0.23 0.00	49.83 -0.36 0.00	47.04 -0.41 0.00	47.29 -0.45 0.00	50.13 -0.66 0.00	49.10 -0.90 0.00	55.09 -1.30 0.00
SELKIRK___II 23799	52.10 -0.92 0.00	51.57 -0.74 0.00	50.70 -0.50 0.00	40.26 -0.36 0.00	37.07 -0.31 0.00	48.21 -0.49 0.00	50.22 -0.74 0.00	52.71 -0.77 0.00	50.34 -0.71 0.00	57.63 -0.94 0.00	54.94 -0.49 0.00	58.72 0.02 0.00	59.46 0.26 0.00	63.55 0.42 0.00	83.65 0.63 0.00	74.48 0.25 0.00	64.36 0.34 0.00	50.65 0.36 0.00	50.36 0.17 0.00	47.49 0.04 0.00	47.72 -0.02 0.00	50.55 -0.24 0.00	49.49 -0.51 0.00	55.47 -0.91 0.00
SENECA OSWGO___HYD 24041	52.42 -0.60 0.00	51.50 -0.81 0.00	50.33 -0.86 0.00	39.91 -0.71 0.00	36.74 -0.64 0.00	47.85 -0.84 0.00	50.25 -0.70 0.00	52.75 -0.73 0.00	50.41 -0.64 0.00	58.99 -0.46 -0.89	55.73 0.05 -0.25	59.98 0.23 -1.06	59.27 0.07 0.00	63.02 -0.11 0.00	83.01 -0.02 0.00	74.28 0.04 0.00	63.93 -0.09 0.00	50.21 -0.08 0.00	50.32 0.13 0.00	47.65 0.20 0.00	48.17 0.22 -0.21	50.88 0.09 0.00	49.89 -0.26 -0.15	57.41 -0.61 -1.64
SENECA___115KV_TB3 355854	55.66 2.64 0.00	53.99 1.68 0.00	52.26 1.06 0.00	41.14 0.52 0.00	37.93 0.55 0.00	49.90 1.20 0.00	52.81 1.85 0.00	55.37 1.90 0.00	53.21 2.17 0.00	62.12 3.56 0.00	60.26 4.83 0.00	63.91 5.22 0.00	63.28 4.08 0.00	66.90 3.76 0.00	87.89 4.87 0.00	79.03 4.80 0.00	67.14 3.12 0.00	52.56 2.26 0.00	53.38 3.19 0.00	50.57 3.13 0.00	51.33 3.59 0.00	54.54 3.75 0.00	53.03 3.03 0.00	59.62 3.24 0.00
SENECA___ENERGY 23797	54.16 1.13 0.00	53.02 0.71 0.00	51.66 0.46 0.00	40.93 0.31 0.00	37.73 0.35 0.00	49.11 0.41 0.00	51.66 0.71 0.00	54.43 0.95 0.00	52.04 0.98 0.00	60.60 1.67 -0.36	57.87 2.34 -0.10	61.80 2.68 -0.42	61.29 2.09 0.00	65.15 2.02 0.00	85.71 2.68 0.00	76.89 2.66 0.00	65.87 1.85 0.00	51.98 1.69 0.00	52.34 2.15 0.00	49.75 2.30 0.00	50.11 2.29 -0.08	53.05 2.27 0.00	51.63 1.57 -0.06	58.44 1.40 -0.66
SHOEMAKER___GT 23640	53.51 0.49 0.00	52.96 0.65 0.00	51.93 0.73 0.00	41.23 0.61 0.00	37.93 0.55 0.00	49.27 0.57 0.00	51.51 0.55 0.00	54.13 0.65 0.00	51.84 0.79 0.00	59.48 0.91 0.00	57.07 1.63 0.00	61.22 2.52 0.00	62.01 2.81 0.00	66.37 3.23 0.00	87.56 4.53 0.00	78.33 4.10 0.00	67.64 3.62 0.00	53.02 2.73 0.00	52.50 2.31 0.00	49.55 2.10 0.00	49.64 1.90 0.00	52.29 1.51 0.00	51.09 1.09 0.00	57.31 0.92 0.00
SHOEMAKR_138KV_BK 111 55601	53.45 0.43 0.00	52.91 0.60 0.00	51.88 0.68 0.00	41.20 0.58 0.00	37.89 0.51 0.00	49.22 0.52 0.00	51.45 0.49 0.00	54.07 0.59 0.00	51.81 0.76 0.00	59.46 0.89 0.00	57.08 1.64 0.00	61.23 2.54 0.00	62.01 2.81 0.00	66.37 3.24 0.00	87.50 4.48 0.00	78.26 4.03 0.00	67.60 3.58 0.00	53.00 2.71 0.00	52.48 2.29 0.00	49.52 2.07 0.00	49.58 1.84 0.00	52.24 1.46 0.00	51.03 1.03 0.00	57.23 0.85 0.00
SHOREHAM_IC_1 23715	54.38 1.35 0.00	54.21 1.90 0.00	52.91 1.72 0.00	41.97 1.35 0.00	38.53 1.15 0.00	50.14 1.44 0.00	52.49 1.54 0.00	54.49 1.01 0.00	52.10 1.05 0.00	59.51 0.94 0.00	57.38 1.95 0.00	61.42 2.72 0.00	62.58 3.37 0.00	66.69 3.55 0.00	87.72 4.69 0.00	78.14 3.91 0.00	71.73 4.24 -3.46	54.52 4.22 0.00	53.53 3.34 0.00	50.31 2.86 0.00	50.24 2.50 0.00	52.43 1.65 0.00	51.21 1.21 0.00	32.95 0.38 23.82
SHOREHAM_IC_2 23716	54.37 1.35 0.00	54.21 1.90 0.00	52.91 1.71 0.00	41.97 1.35 0.00	38.53 1.15 0.00	50.13 1.44 0.00	52.49 1.54 0.00	54.50 1.01 0.00	52.10 1.06 0.00	59.50 0.93 0.00	57.38 1.94 0.00	61.42 2.72 0.00	62.58 3.37 0.00	66.69 3.56 0.00	87.72 4.70 0.00	78.14 3.91 0.00	71.82 4.33 -3.46	54.52 4.22 0.00	53.53 3.34 0.00	50.30 2.85 0.00	50.25 2.50 0.00	52.43 1.65 0.00	51.22 1.23 0.00	33.03 0.47 23.82
SISSONVILLE____ 23735	55.15 2.11 -0.01	54.49 2.18 0.00	53.09 1.90 0.00	42.10 1.48 0.00	38.63 1.25 0.00	50.50 1.80 0.00	52.77 1.82 0.00	54.83 1.35 0.00	52.13 1.08 0.00	60.19 1.55 -0.08	55.55 0.09 -0.02	57.70 -1.09 -0.09	57.80 -1.41 0.00	61.13 -2.00 0.00	79.63 -3.40 0.00	71.53 -2.70 0.00	61.74 -2.28 0.00	48.67 -1.63 0.00	48.66 -1.53 0.00	46.35 -1.10 0.00	46.96 -0.80 -0.02	50.16 -0.62 0.00	50.38 0.36 -0.01	57.65 1.13 -0.14
SITHE_IND_GS1 24169	51.64 -1.39 0.00	50.80 -1.51 0.00	49.62 -1.57 0.00	39.37 -1.25 0.00	36.26 -1.13 0.00	47.21 -1.49 0.00	49.53 -1.43 0.00	51.96 -1.52 0.00	49.65 -1.40 0.00	54.52 -1.45 2.60	53.73 -0.98 0.73	54.72 -0.90 3.08	58.17 -1.03 0.00	61.98 -1.16 0.00	81.46 -1.57 0.00	72.86 -1.37 0.00	62.73 -1.29 0.00	49.30 -0.99 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.36 -0.76 0.62	49.89 -0.90 0.00	48.43 -1.14 0.43	50.13 -1.47 4.79
SITHE_IND_GS2 24170	51.64 -1.39 0.00	50.80 -1.51 0.00	49.62 -1.57 0.00	39.37 -1.25 0.00	36.26 -1.13 0.00	47.21 -1.49 0.00	49.53 -1.43 0.00	51.96 -1.52 0.00	49.65 -1.40 0.00	54.52 -1.45 2.60	53.73 -0.98 0.73	54.72 -0.90 3.08	58.17 -1.03 0.00	61.98 -1.16 0.00	81.46 -1.57 0.00	72.86 -1.37 0.00	62.73 -1.29 0.00	49.30 -0.99 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.36 -0.76 0.62	49.89 -0.90 0.00	48.43 -1.14 0.43	50.13 -1.47 4.79
SITHE_IND_GS3 24171	51.64 -1.39 0.00	50.80 -1.51 0.00	49.62 -1.57 0.00	39.37 -1.25 0.00	36.26 -1.13 0.00	47.21 -1.49 0.00	49.53 -1.43 0.00	51.96 -1.52 0.00	49.65 -1.40 0.00	54.52 -1.45 2.60	53.73 -0.98 0.73	54.72 -0.90 3.08	58.17 -1.03 0.00	61.98 -1.16 0.00	81.46 -1.57 0.00	72.86 -1.37 0.00	62.73 -1.29 0.00	49.30 -0.99 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.36 -0.76 0.62	49.89 -0.90 0.00	48.43 -1.14 0.43	50.13 -1.47 4.79
SITHE_IND_GS4 24172	51.64 -1.39 0.00	50.80 -1.51 0.00	49.62 -1.57 0.00	39.37 -1.25 0.00	36.26 -1.13 0.00	47.21 -1.49 0.00	49.53 -1.43 0.00	51.96 -1.52 0.00	49.65 -1.40 0.00	54.52 -1.45 2.60	53.73 -0.98 0.73	54.72 -0.90 3.08	58.17 -1.03 0.00	61.98 -1.16 0.00	81.46 -1.57 0.00	72.86 -1.37 0.00	62.73 -1.29 0.00	49.30 -0.99 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.36 -0.76 0.62	49.89 -0.90 0.00	48.43 -1.14 0.43	50.13 -1.47 4.79

SITHE___BATAVIA 24024	57.02 4.00 0.00	55.34 3.03 0.00	53.59 2.39 0.00	42.21 1.59 0.00	38.92 1.54 0.00	51.23 2.53 0.00	54.17 3.22 0.00	56.80 3.32 0.00	54.51 3.46 0.00	63.43 4.87 0.00	60.99 5.57 0.02	64.81 6.12 0.00	64.42 5.22 0.00	68.17 5.04 0.00	89.00 5.97 0.00	79.81 5.58 0.00	67.88 3.87 0.00	53.39 3.10 0.00	54.18 3.99 0.00	51.53 4.08 0.00	84.01 4.74 -31.52	49.65 4.88 6.01	54.19 4.19 0.00	60.76 4.38 0.00
SITHE___INDEPEND 23800	51.64 -1.38 0.00	50.80 -1.51 0.00	49.62 -1.57 0.00	39.37 -1.25 0.00	36.26 -1.13 0.00	47.21 -1.49 0.00	49.53 -1.43 0.00	51.96 -1.52 0.00	49.65 -1.40 0.00	54.52 -1.45 2.60	53.72 -0.99 0.73	54.72 -0.90 3.08	58.17 -1.03 0.00	61.98 -1.16 0.00	81.46 -1.57 0.00	72.86 -1.37 0.00	62.73 -1.29 0.00	49.30 -0.99 0.00	49.33 -0.86 0.00	46.69 -0.76 0.00	46.37 -0.76 0.62	49.89 -0.89 0.00	48.43 -1.14 0.43	50.11 -1.48 4.79
SITHE___MASSENA 23902	54.55 1.52 -0.01	53.80 1.49 0.00	52.47 1.27 0.00	41.61 0.99 0.00	38.25 0.87 0.00	49.95 1.25 0.00	52.34 1.39 0.00	54.70 1.22 0.00	52.15 1.10 0.00	59.86 1.29 0.00	55.42 -0.01 0.00	57.69 -1.01 0.00	58.02 -1.19 0.00	61.68 -1.46 0.00	80.92 -2.11 0.00	72.68 -1.55 0.00	62.67 -1.36 0.00	49.26 -1.03 0.00	49.22 -0.97 0.00	46.64 -0.81 0.00	47.13 -0.61 0.00	50.40 -0.38 0.00	50.43 0.43 0.00	57.43 1.04 0.00
SITHE___OGDNSBRG 24021	56.33 3.29 -0.01	55.50 3.19 0.00	54.10 2.90 0.00	42.90 2.28 0.00	39.40 2.02 0.00	51.56 2.86 0.00	54.04 3.09 0.00	56.24 2.76 0.00	53.54 2.49 0.00	61.78 3.22 0.00	56.92 1.48 0.00	58.68 -0.01 0.00	58.88 -0.32 0.00	62.60 -0.54 0.00	81.42 -1.61 0.00	73.21 -1.02 0.00	63.11 -0.91 0.00	50.00 -0.30 0.00	49.72 -0.47 0.00	47.73 0.28 0.00	48.37 0.63 0.00	51.69 0.90 0.00	51.76 1.77 0.00	59.00 2.62 0.00
SITHE___STERLING 23777	55.05 2.03 0.00	54.11 1.79 0.00	52.93 1.73 0.00	41.92 1.30 0.00	38.55 1.18 0.00	50.28 1.59 0.00	52.79 1.83 0.00	55.37 1.89 0.00	52.72 1.67 0.00	61.04 2.32 -0.15	58.15 2.67 -0.04	61.76 2.89 -0.17	61.63 2.43 0.00	65.39 2.26 0.00	85.82 2.80 0.00	76.83 2.59 0.00	66.37 2.36 0.00	52.32 2.02 0.00	52.43 2.24 0.00	49.88 2.43 0.00	50.20 2.42 -0.04	53.26 2.47 0.00	52.26 2.24 -0.02	58.89 2.23 -0.27
SLEIGHT__34_KV_TB1 80719	54.38 1.36 0.00	53.13 0.82 0.00	51.67 0.48 0.00	40.85 0.23 0.00	37.65 0.27 0.00	49.27 0.58 0.00	51.92 0.96 0.00	54.56 1.09 0.00	52.29 1.24 0.00	60.71 2.04 -0.11	58.19 2.72 -0.03	61.91 3.09 -0.13	61.74 2.54 0.00	65.67 2.53 0.00	86.31 3.29 0.00	77.35 3.12 0.00	66.15 2.13 0.00	51.98 1.68 0.00	52.39 2.20 0.00	49.70 2.25 0.00	50.13 2.36 -0.03	53.13 2.35 0.00	51.78 1.76 -0.02	58.14 1.56 -0.20
SMITHTWN_69_KV_BK 1 55830	54.59 1.56 0.00	54.50 2.19 0.00	53.17 1.97 0.00	42.17 1.55 0.00	38.70 1.33 0.00	50.34 1.64 0.00	52.77 1.82 0.00	55.27 1.79 0.00	52.83 1.78 0.00	60.48 1.91 0.00	58.42 2.98 0.00	62.57 3.88 0.00	63.67 4.46 0.00	67.68 4.54 0.00	89.03 6.01 0.00	79.40 5.17 -6.82	76.09 5.25 -0.01	54.66 4.36 0.00	53.64 3.45 0.00	50.45 3.00 0.00	50.23 2.49 0.00	52.40 1.62 0.00	51.36 1.36 0.00	33.26 0.57 23.69
SOUTH CAIRO___GT 23612	54.39 1.37 0.00	53.61 1.30 0.00	52.58 1.38 0.00	41.68 1.06 0.00	38.41 1.03 0.00	49.99 1.29 0.00	52.14 1.18 0.00	54.69 1.21 0.00	52.00 0.95 0.00	59.01 0.44 0.00	56.04 0.61 0.00	59.90 1.20 0.00	60.85 1.65 0.00	65.83 2.70 0.00	88.24 5.22 0.00	78.14 3.91 0.00	66.80 2.78 0.00	52.77 2.48 0.00	52.65 2.46 0.00	49.80 2.35 0.00	50.14 2.40 0.00	53.02 2.23 0.00	51.64 1.64 0.00	57.73 1.35 0.00
SOUTH HAMPTN___IC 23720	55.48 2.46 0.00	55.17 2.86 0.00	53.96 2.76 0.00	42.80 2.18 0.00	39.30 1.93 0.00	51.16 2.47 0.00	53.66 2.70 0.00	56.10 2.62 0.00	53.69 2.63 0.00	61.30 2.73 0.00	59.01 3.58 0.00	63.17 4.48 0.00	64.32 5.12 0.00	68.50 5.37 0.00	89.97 6.94 0.00	80.26 6.03 0.00	73.15 5.99 -3.14	55.44 5.15 0.00	54.39 4.20 0.00	51.01 3.56 0.00	51.09 3.35 0.00	53.29 2.51 0.00	51.98 1.99 0.00	33.94 1.41 23.85
SOUTHDOW_115KV_TB1 355954	56.53 3.51 0.00	54.35 2.04 0.00	52.31 1.12 0.00	41.04 0.42 0.00	38.13 0.75 0.00	50.90 2.20 0.00	53.74 2.78 0.00	56.44 2.96 0.00	54.33 3.28 0.00	63.61 5.04 0.00	61.77 6.34 0.00	65.50 6.81 0.00	64.08 4.87 0.00	67.76 4.62 0.00	88.99 5.96 0.00	80.02 5.79 0.00	68.33 4.31 0.00	53.75 3.46 0.00	54.67 4.49 0.00	51.91 4.46 0.00	52.35 4.61 0.00	55.44 4.65 0.00	54.11 4.11 0.00	60.78 4.40 0.00
SOUTHOLD_69_KV_BK 2 55809	56.65 3.63 0.00	56.14 3.83 0.00	55.12 3.93 0.00	43.72 3.10 0.00	40.17 2.79 0.00	52.34 3.65 0.00	54.89 3.94 0.00	57.38 3.91 0.00	54.90 3.85 0.00	62.00 3.43 0.00	59.06 3.63 0.00	63.22 4.52 0.00	64.37 5.17 0.00	68.51 5.37 0.00	89.57 6.54 0.00	80.05 5.82 0.00	73.08 5.91 -3.15	55.27 4.97 0.00	54.08 3.89 0.00	50.66 3.21 0.00	51.72 3.98 0.00	53.95 3.17 0.00	52.51 2.51 0.00	35.01 2.48 23.85
SOUTHOLD___IC 23719	56.65 3.63 0.00	56.14 3.82 0.00	55.13 3.93 0.00	43.72 3.10 0.00	40.17 2.79 0.00	52.34 3.64 0.00	54.89 3.94 0.00	57.37 3.90 0.00	54.90 3.85 0.00	61.99 3.43 0.00	59.06 3.62 0.00	63.21 4.51 0.00	64.37 5.16 0.00	68.51 5.37 0.00	89.57 6.54 0.00	80.05 5.82 0.00	72.99 5.82 -3.15	55.26 4.96 0.00	54.09 3.89 0.00	50.66 3.21 0.00	51.72 3.98 0.00	53.95 3.17 0.00	52.49 2.50 0.00	34.94 2.41 23.85
SOUTH_FORK_WT_PWR 323839	56.69 3.67 0.00	56.12 3.81 0.00	55.29 4.10 0.00	43.85 3.23 0.00	40.31 2.93 0.00	52.54 3.84 0.00	55.07 4.11 0.00	57.49 4.01 0.00	54.92 3.87 0.00	62.34 3.77 0.00	59.52 4.08 0.00	63.59 4.89 0.00	64.69 5.49 0.00	68.73 5.59 0.00	89.54 6.52 0.00	80.16 5.93 0.00	73.00 5.84 -3.14	55.21 4.91 0.00	54.06 3.87 0.00	50.49 3.04 0.00	51.16 3.42 0.00	53.37 2.59 0.00	51.91 1.91 0.00	34.65 2.12 23.85
SPIERFLS_115KV_TB 1 80737	54.69 1.67 0.00	53.93 1.62 0.00	52.88 1.69 0.00	41.84 1.22 0.00	38.73 1.35 0.00	50.53 1.84 0.00	52.92 1.97 0.00	55.73 2.26 0.00	53.06 2.01 0.00	60.36 1.80 0.00	57.01 1.58 0.00	61.11 2.41 0.00	62.11 2.91 0.00	66.47 3.33 0.00	88.04 5.02 0.00	78.18 3.95 0.00	67.70 3.68 0.00	53.25 2.96 0.00	53.52 3.33 0.00	50.40 2.95 0.00	50.77 3.03 0.00	53.69 2.90 0.00	52.29 2.30 0.00	58.50 2.12 0.00
ST LAWRENCE____ 23600	53.55 0.53 0.00	52.83 0.52 0.00	51.54 0.34 0.00	40.88 0.25 0.00	37.59 0.21 0.00	49.06 0.36 0.00	51.43 0.47 0.00	53.96 0.48 0.00	51.46 0.41 0.00	58.97 0.40 0.00	54.81 -0.63 0.00	57.30 -1.40 0.00	57.70 -1.50 0.00	61.41 -1.73 0.00	80.70 -2.32 0.00	72.45 -1.78 0.00	62.44 -1.58 0.00	49.05 -1.24 0.00	48.99 -1.20 0.00	46.34 -1.11 0.00	46.80 -0.95 0.00	50.09 -0.69 0.00	49.90 -0.10 0.00	56.65 0.27 0.00

STATE_CA_115KV_115_LB 55624	52.82 -0.20 0.00	52.23 -0.08 0.00	51.33 0.12 0.00	40.74 0.11 0.00	37.51 0.13 0.00	48.80 0.10 0.00	50.88 -0.07 0.00	53.44 -0.04 0.00	51.10 0.04 0.00	58.49 -0.07 0.00	55.81 0.38 0.00	59.72 1.03 0.00	60.58 1.37 0.00	64.71 1.58 0.00	85.06 2.04 0.00	75.65 1.42 0.00	65.41 1.39 0.00	51.52 1.23 0.00	51.22 1.03 0.00	48.26 0.82 0.00	48.52 0.77 0.00	51.33 0.55 0.00	50.19 0.19 0.00	56.24 -0.14 0.00
STATE_ST_34_KV_LOAD 55959	54.06 1.03 0.00	53.02 0.70 0.00	51.77 0.58 0.00	41.04 0.41 0.00	37.81 0.43 0.00	49.26 0.56 0.00	51.60 0.65 0.00	54.34 0.86 0.00	51.93 0.88 0.00	60.41 1.43 -0.41	57.58 2.03 -0.11	61.59 2.41 -0.49	61.13 1.92 0.00	64.86 1.73 0.00	85.25 2.23 0.00	76.29 2.06 0.00	65.70 1.68 0.00	51.69 1.40 0.00	51.99 1.80 0.00	49.45 2.00 0.00	49.71 1.87 -0.10	52.58 1.79 0.00	51.40 1.34 -0.07	58.28 1.14 -0.76
STATION_5_MISC_HYD 23604	55.18 2.15 0.00	53.77 1.46 0.00	52.23 1.03 0.00	41.26 0.64 0.00	38.02 0.64 0.00	49.88 1.18 0.00	52.62 1.67 0.00	55.19 1.71 0.00	52.96 1.91 0.00	61.49 2.92 0.00	59.16 3.74 0.01	62.89 4.19 0.00	62.80 3.59 0.00	66.64 3.51 0.00	87.60 4.57 0.00	78.63 4.40 0.00	67.01 2.98 0.00	52.52 2.23 0.00	53.10 2.91 0.00	50.27 2.82 0.00	50.70 3.11 0.15	50.17 3.22 3.83	52.59 2.59 0.00	58.90 2.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.58 1.56 0.00	53.33 1.01 0.00	51.87 0.67 0.00	41.03 0.41 0.00	37.81 0.43 0.00	49.41 0.71 0.00	52.09 1.14 0.00	54.76 1.28 0.00	52.47 1.43 0.00	60.93 2.27 -0.10	58.46 3.00 -0.03	62.20 3.38 -0.12	62.00 2.80 0.00	65.88 2.75 0.00	86.67 3.64 0.00	77.77 3.54 0.00	66.49 2.47 0.00	52.22 1.92 0.00	52.71 2.52 0.00	49.95 2.51 0.00	50.41 2.65 -0.02	53.46 2.68 0.00	52.03 2.01 -0.02	58.43 1.86 -0.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.77 1.75 0.00	53.40 1.09 0.00	51.87 0.67 0.00	40.99 0.36 0.00	37.77 0.39 0.00	49.52 0.82 0.00	52.24 1.29 0.00	54.82 1.34 0.00	52.61 1.56 0.00	61.07 2.51 0.00	58.74 3.31 0.00	62.45 3.76 0.00	62.39 3.19 0.00	66.26 3.12 0.00	87.08 4.05 0.00	78.17 3.94 0.00	66.67 2.65 0.00	52.25 1.95 0.00	52.78 2.59 0.00	49.96 2.51 0.00	50.50 2.75 0.00	53.60 2.82 0.00	52.20 2.21 0.00	58.44 2.05 0.00
STA_56___34_KV_BUS2 355983	54.77 1.75 0.00	53.40 1.09 0.00	51.87 0.67 0.00	40.99 0.36 0.00	37.77 0.39 0.00	49.52 0.82 0.00	52.24 1.29 0.00	54.82 1.34 0.00	52.61 1.56 0.00	61.07 2.51 0.00	58.74 3.31 0.00	62.45 3.76 0.00	62.39 3.19 0.00	66.26 3.12 0.00	87.08 4.05 0.00	78.17 3.94 0.00	66.67 2.65 0.00	52.25 1.95 0.00	52.78 2.59 0.00	49.96 2.51 0.00	50.50 2.75 0.00	53.60 2.82 0.00	52.20 2.21 0.00	58.44 2.05 0.00
STA_67___115KV_BK2 355882	54.98 1.96 0.00	53.60 1.29 0.00	52.07 0.87 0.00	41.13 0.51 0.00	37.91 0.53 0.00	49.72 1.02 0.00	52.45 1.50 0.00	55.01 1.54 0.00	52.79 1.74 0.00	61.28 2.72 0.00	58.98 3.54 0.00	62.68 3.98 0.00	62.56 3.36 0.00	66.39 3.26 0.00	87.25 4.23 0.00	78.32 4.09 0.00	66.74 2.72 0.00	52.29 2.00 0.00	52.85 2.66 0.00	50.05 2.60 0.00	50.65 2.91 0.00	53.79 3.00 0.00	52.40 2.41 0.00	58.71 2.33 0.00
STA_7___115KV_9TRANS 80674	55.61 2.59 0.00	54.16 1.85 0.00	52.61 1.41 0.00	41.55 0.92 0.00	38.28 0.90 0.00	50.22 1.52 0.00	52.99 2.04 0.00	55.53 2.06 0.00	53.31 2.26 0.00	61.89 3.33 0.00	59.58 4.14 0.00	63.37 4.67 0.00	63.30 4.10 0.00	67.22 4.08 0.00	88.37 5.35 0.00	79.33 5.10 0.00	67.62 3.60 0.00	53.05 2.76 0.00	53.68 3.49 0.00	50.83 3.38 0.00	51.38 3.64 0.00	54.50 3.72 0.00	53.04 3.04 0.00	59.36 2.98 0.00
STA_82___115KV_TB1 80780	55.01 1.98 0.00	53.62 1.30 0.00	52.08 0.88 0.00	41.15 0.53 0.00	37.92 0.54 0.00	49.74 1.03 0.00	52.47 1.52 0.00	55.04 1.56 0.00	52.82 1.77 0.00	61.31 2.75 0.00	59.00 3.56 0.00	62.70 4.00 0.00	62.58 3.37 0.00	66.40 3.26 0.00	87.27 4.25 0.00	78.33 4.10 0.00	66.74 2.72 0.00	52.31 2.01 0.00	52.86 2.67 0.00	50.07 2.62 0.00	50.66 2.92 0.00	53.81 3.03 0.00	52.42 2.43 0.00	58.71 2.33 0.00
STEEL___WIND 323596	55.56 2.54 0.00	53.89 1.58 0.00	52.17 0.98 0.00	41.09 0.47 0.00	37.89 0.51 0.00	49.81 1.12 0.00	52.72 1.76 0.00	55.30 1.83 0.00	53.13 2.08 0.00	62.05 3.48 0.00	60.13 4.73 0.03	63.76 5.06 0.00	63.13 3.93 0.00	66.74 3.60 0.00	87.69 4.66 0.00	78.83 4.60 0.00	66.99 2.97 0.00	52.44 2.15 0.00	53.27 3.08 0.00	50.48 3.03 0.00	50.89 3.50 0.35	45.50 3.67 8.95	52.95 2.95 0.00	59.52 3.14 0.00
STEPHTWN_115KV_BK_2 55603	52.71 -0.32 0.00	52.19 -0.12 0.00	51.32 0.12 0.00	40.65 0.02 0.00	37.53 0.15 0.00	48.93 0.23 0.00	50.88 -0.08 0.00	53.51 0.04 0.00	51.12 0.07 0.00	58.57 0.01 0.00	55.59 0.15 0.00	59.50 0.80 0.00	60.40 1.20 0.00	64.83 1.69 0.00	85.52 2.49 0.00	75.97 1.74 0.00	65.67 1.65 0.00	51.78 1.49 0.00	51.50 1.31 0.00	48.44 0.99 0.00	48.58 0.84 0.00	51.51 0.73 0.00	50.26 0.26 0.00	56.21 -0.17 0.00
STEUBEN_REC_LFGE 323667	55.71 2.69 0.00	54.23 1.92 0.00	52.69 1.49 0.00	41.54 0.92 0.00	38.01 0.63 0.00	49.30 0.60 0.00	52.11 1.15 0.00	55.26 1.78 0.00	53.30 2.25 0.00	61.82 3.11 -0.14	59.58 4.11 -0.04	62.86 3.99 -0.17	62.26 3.05 0.00	65.33 2.20 0.00	85.98 2.95 0.00	77.35 3.12 0.00	66.04 2.02 0.00	52.33 2.03 0.00	53.21 3.02 0.00	50.98 3.54 0.00	51.74 3.96 -0.03	55.10 4.32 0.00	53.23 3.21 -0.02	59.80 3.15 -0.26
STILLWATER___SOLAR 323814	54.65 1.62 0.00	53.96 1.65 0.00	52.92 1.72 0.00	41.91 1.28 0.00	38.68 1.30 0.00	50.42 1.72 0.00	52.72 1.76 0.00	55.39 1.91 0.00	52.76 1.71 0.00	60.19 1.62 0.00	57.15 1.72 0.00	61.16 2.46 0.00	62.07 2.87 0.00	66.57 3.43 0.00	87.78 4.75 0.00	78.03 3.80 0.00	67.53 3.51 0.00	53.12 2.82 0.00	53.13 2.94 0.00	50.12 2.68 0.00	50.41 2.67 0.00	53.36 2.58 0.00	52.08 2.08 0.00	58.36 1.98 0.00
STONY___BROOK 24151	54.51 1.49 0.00	54.44 2.13 0.00	53.11 1.91 0.00	42.12 1.50 0.00	38.67 1.29 0.00	50.29 1.59 0.00	52.72 1.77 0.00	55.21 1.73 0.00	52.78 1.73 0.00	60.38 1.82 0.00	58.32 2.89 0.00	62.42 3.72 0.00	63.47 4.27 0.00	67.33 4.19 0.00	88.52 5.49 0.00	78.87 4.64 0.00	73.74 4.72 -5.00	54.34 4.04 -0.01	53.32 3.13 0.00	50.15 2.70 0.00	49.97 2.23 0.00	52.16 1.38 0.00	51.21 1.22 0.00	33.00 0.35 23.74
STURGEON_POOL_HYD 23609	53.69 0.67 0.00	53.18 0.87 0.00	52.15 0.95 0.00	41.41 0.78 0.00	38.09 0.71 0.00	49.49 0.79 0.00	51.63 0.68 0.00	54.31 0.83 0.00	52.07 1.02 0.00	60.06 1.50 0.00	57.78 2.34 0.00	62.06 3.36 0.00	62.91 3.71 0.00	67.29 4.16 0.00	88.73 5.70 0.00	79.36 5.13 0.00	68.54 4.52 0.00	53.64 3.35 0.00	53.02 2.83 0.00	49.95 2.51 0.00	49.98 2.24 0.00	52.64 1.86 0.00	51.40 1.41 0.00	57.44 1.06 0.00

ST_LAW_115_BK7_LBMP 345037	53.63 0.61 0.00	52.92 0.61 0.00	51.62 0.43 0.00	40.94 0.32 0.00	37.65 0.26 0.00	49.15 0.45 0.00	51.50 0.55 0.00	54.01 0.53 0.00	51.51 0.46 0.00	59.02 0.46 0.00	54.79 -0.65 0.00	57.22 -1.48 0.00	57.58 -1.62 0.00	61.25 -1.88 0.00	80.49 -2.54 0.00	72.29 -1.94 0.00	62.30 -1.72 0.00	48.94 -1.35 0.00	48.87 -1.32 0.00	46.25 -1.20 0.00	46.70 -1.04 0.00	50.00 -0.78 0.00	49.89 -0.11 0.00	56.70 0.32 0.00
ST_LAW_115_BK8_LBMP 345038	53.63 0.61 0.00	52.92 0.61 0.00	51.62 0.43 0.00	40.94 0.32 0.00	37.65 0.26 0.00	49.15 0.45 0.00	51.50 0.55 0.00	54.01 0.53 0.00	51.51 0.46 0.00	59.02 0.46 0.00	54.79 -0.65 0.00	57.22 -1.48 0.00	57.58 -1.62 0.00	61.25 -1.88 0.00	80.49 -2.54 0.00	72.29 -1.94 0.00	62.30 -1.72 0.00	48.94 -1.35 0.00	48.87 -1.32 0.00	46.25 -1.20 0.00	46.70 -1.04 0.00	50.00 -0.78 0.00	49.89 -0.11 0.00	56.70 0.32 0.00
ST_LAW_230_BK5_LBMP 345035	53.55 0.53 0.00	52.83 0.52 0.00	51.54 0.34 0.00	40.88 0.25 0.00	37.59 0.21 0.00	49.06 0.36 0.00	51.43 0.47 0.00	53.96 0.48 0.00	51.46 0.41 0.00	58.97 0.40 0.00	54.81 -0.63 0.00	57.30 -1.40 0.00	57.70 -1.50 0.00	61.41 -1.73 0.00	80.70 -2.32 0.00	72.45 -1.78 0.00	62.44 -1.58 0.00	49.05 -1.24 0.00	48.99 -1.20 0.00	46.34 -1.11 0.00	46.80 -0.95 0.00	50.09 -0.69 0.00	49.90 -0.10 0.00	56.65 0.27 0.00
ST_LAW_230_BK6_LBMP 345036	53.55 0.53 0.00	52.83 0.52 0.00	51.54 0.34 0.00	40.88 0.25 0.00	37.59 0.21 0.00	49.06 0.36 0.00	51.43 0.47 0.00	53.96 0.48 0.00	51.46 0.41 0.00	58.97 0.40 0.00	54.81 -0.63 0.00	57.30 -1.40 0.00	57.70 -1.50 0.00	61.41 -1.73 0.00	80.70 -2.32 0.00	72.45 -1.78 0.00	62.44 -1.58 0.00	49.05 -1.24 0.00	48.99 -1.20 0.00	46.34 -1.11 0.00	46.80 -0.95 0.00	50.09 -0.69 0.00	49.90 -0.10 0.00	56.65 0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.50 0.48 0.00	52.97 0.66 0.00	51.94 0.74 0.00	41.24 0.62 0.00	37.93 0.55 0.00	49.24 0.55 0.00	51.47 0.52 0.00	54.11 0.64 0.00	51.92 0.87 0.00	59.68 1.12 0.00	57.40 1.96 0.00	61.70 3.00 0.00	62.46 3.26 0.00	66.85 3.72 0.00	88.07 5.04 0.00	78.71 4.49 0.00	68.07 4.05 0.00	53.37 3.08 0.00	52.79 2.60 0.00	49.76 2.31 0.00	49.77 2.02 0.00	52.34 1.56 0.00	51.13 1.13 0.00	57.24 0.86 0.00
SWANROAD_115KV_TB1 355699	54.77 1.75 0.00	53.16 0.85 0.00	51.46 0.26 0.00	40.53 -0.09 0.00	37.38 0.00 0.00	49.21 0.51 0.00	52.04 1.09 0.00	54.35 0.87 0.00	52.09 1.03 0.00	60.67 2.11 0.00	58.78 3.34 0.00	62.36 3.66 0.00	61.47 2.27 0.00	64.90 1.77 0.00	85.13 2.10 0.00	76.58 2.36 0.00	64.73 0.71 0.00	50.50 0.21 0.00	51.33 1.14 0.00	48.66 1.21 0.00	49.66 1.92 0.00	52.76 1.98 0.00	51.70 1.70 0.00	58.40 2.02 0.00
SYNERGY___BIOGAS 323694	57.03 4.00 0.00	55.34 3.03 0.00	53.59 2.39 0.00	42.21 1.59 0.00	38.92 1.54 0.00	51.23 2.53 0.00	54.17 3.22 0.00	56.80 3.32 0.00	54.51 3.45 0.00	63.42 4.85 0.00	60.99 5.55 0.00	64.82 6.12 0.00	64.42 5.21 0.00	68.16 5.03 0.00	89.00 5.97 0.00	79.80 5.57 0.00	67.88 3.86 0.00	53.39 3.10 0.00	54.18 3.99 0.00	51.53 4.08 0.00	84.24 4.74 -31.76	55.67 4.89 0.00	54.19 4.19 0.00	60.75 4.37 0.00
SYRACUSE___ENERGY_ST1 323597	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
SYRACUSE___ENERGY_ST2 323598	52.96 -0.06 0.00	52.03 -0.28 0.00	50.81 -0.38 0.00	40.29 -0.33 0.00	37.07 -0.31 0.00	48.29 -0.40 0.00	50.66 -0.30 0.00	53.23 -0.25 0.00	50.88 -0.17 0.00	59.34 0.28 -0.49	56.50 0.92 -0.14	60.45 1.18 -0.58	60.14 0.94 0.00	64.00 0.87 0.00	84.22 1.20 0.00	75.25 1.02 0.00	64.55 0.53 0.00	50.70 0.40 0.00	50.77 0.58 0.00	48.12 0.67 0.00	48.47 0.62 -0.12	51.31 0.52 0.00	50.22 0.14 -0.08	57.16 -0.12 -0.90
SYRACUSE___POWER 24017	53.15 0.13 0.00	52.22 -0.09 0.00	51.01 -0.19 0.00	40.43 -0.19 0.00	37.22 -0.16 0.00	48.49 -0.21 0.00	50.90 -0.05 0.00	53.46 -0.02 0.00	51.14 0.09 0.00	59.31 0.42 -0.33	56.55 1.02 -0.09	60.37 1.29 -0.38	60.25 1.05 0.00	64.13 0.99 0.00	84.41 1.38 0.00	75.52 1.29 0.00	65.01 0.99 0.00	51.10 0.80 0.00	51.17 0.98 0.00	48.48 1.03 0.00	48.82 1.00 -0.08	51.68 0.90 0.00	50.50 0.45 -0.05	57.19 0.21 -0.60
TALLMAN__138KV_BK151 55660	53.52 0.49 0.00	52.98 0.67 0.00	51.94 0.74 0.00	41.26 0.64 0.00	37.93 0.55 0.00	49.22 0.53 0.00	51.48 0.53 0.00	54.13 0.65 0.00	51.95 0.89 0.00	59.78 1.21 0.00	57.59 2.15 0.00	61.99 3.29 0.00	62.76 3.56 0.00	67.20 4.07 0.00	88.48 5.45 0.00	79.18 4.95 0.00	68.56 4.54 0.00	53.74 3.45 0.00	53.07 2.89 0.00	50.03 2.58 0.00	49.98 2.24 0.00	52.48 1.70 0.00	51.22 1.22 0.00	57.18 0.80 0.00
TEALLAVE_115KV_TB7 355573	52.86 -0.17 0.00	51.93 -0.38 0.00	50.73 -0.47 0.00	40.21 -0.41 0.00	37.01 -0.36 0.00	48.24 -0.46 0.00	50.64 -0.31 0.00	53.18 -0.30 0.00	50.90 -0.16 0.00	58.98 0.14 -0.27	56.24 0.73 -0.08	59.99 0.97 -0.32	59.95 0.75 0.00	63.85 0.72 0.00	84.02 0.99 0.00	75.18 0.95 0.00	64.68 0.66 0.00	50.81 0.52 0.00	50.88 0.69 0.00	48.20 0.75 0.00	48.53 0.72 -0.06	51.40 0.62 0.00	50.23 0.19 -0.05	56.81 -0.07 -0.50
TELGRAPH_34_KV_EAST 80808	55.67 2.65 0.00	54.03 1.72 0.00	52.30 1.10 0.00	41.19 0.57 0.00	37.99 0.61 0.00	50.00 1.30 0.00	52.88 1.93 0.00	55.34 1.87 0.00	53.10 2.05 0.00	61.84 3.27 0.00	59.76 4.32 0.00	63.50 4.80 0.00	62.78 3.58 0.00	66.33 3.20 0.00	86.99 3.96 0.00	78.20 3.97 0.00	66.28 2.26 0.00	51.84 1.54 0.00	52.66 2.47 0.00	49.97 2.52 0.00	50.91 3.16 0.00	54.05 3.27 0.00	52.77 2.77 0.00	59.37 2.98 0.00
TEMPLE___115KV_TB 2 55572	52.89 -0.13 0.00	51.97 -0.34 0.00	50.76 -0.44 0.00	40.23 -0.39 0.00	37.04 -0.34 0.00	48.26 -0.43 0.00	50.67 -0.28 0.00	53.21 -0.27 0.00	50.93 -0.12 0.00	59.02 0.18 -0.27	56.28 0.76 -0.07	60.05 1.03 -0.32	60.00 0.80 0.00	63.91 0.78 0.00	84.10 1.07 0.00	75.26 1.03 0.00	64.76 0.74 0.00	50.87 0.57 0.00	50.93 0.74 0.00	48.24 0.79 0.00	48.57 0.76 -0.06	51.44 0.65 0.00	50.27 0.22 -0.05	56.85 -0.04 -0.50
TIANA____69_KV_BK 1 55817	55.23 2.21 0.00	54.98 2.67 0.00	53.71 2.51 0.00	42.60 1.98 0.00	39.11 1.74 0.00	50.92 2.22 0.00	53.39 2.44 0.00	55.85 2.37 0.00	53.43 2.38 0.00	61.03 2.47 0.00	58.81 3.38 0.00	62.97 4.28 0.00	64.12 4.92 0.00	68.30 5.17 0.00	89.80 6.77 0.00	80.06 5.83 0.00	73.07 5.91 -3.15	55.35 5.05 0.00	54.30 4.11 0.00	50.97 3.52 0.00	50.99 3.25 0.00	53.19 2.40 0.00	51.92 1.93 0.00	33.85 1.32 23.85

TILDEN___115KV_TB1 80814	53.15 0.13 0.00	52.22 -0.09 0.00	51.01 -0.19 0.00	40.43 -0.19 0.00	37.22 -0.16 0.00	48.49 -0.21 0.00	50.90 -0.05 0.00	53.46 -0.02 0.00	51.14 0.09 0.00	59.31 0.42 -0.33	56.55 1.02 -0.09	60.37 1.29 -0.38	60.25 1.05 0.00	64.13 0.99 0.00	84.41 1.38 0.00	75.52 1.29 0.00	65.01 0.99 0.00	51.10 0.80 0.00	51.17 0.98 0.00	48.48 1.03 0.00	48.82 1.00 -0.08	51.68 0.90 0.00	50.50 0.45 -0.05	57.19 0.21 -0.60
TRIGEN___CC 323695	54.00 0.97 0.00	53.67 1.35 0.00	52.45 1.25 0.00	41.65 1.03 0.00	38.28 0.90 0.00	49.74 1.04 0.00	52.02 1.06 0.00	54.55 1.07 0.00	52.28 1.23 0.00	60.02 1.45 0.00	57.87 2.43 0.00	62.15 3.45 0.00	63.05 3.85 0.00	67.30 4.17 0.00	88.63 5.60 0.00	79.15 4.92 0.00	68.70 4.68 0.00	54.06 3.77 0.00	53.18 2.99 0.00	50.10 2.65 0.00	49.96 2.22 0.00	52.41 1.63 0.00	51.22 1.22 0.00	53.18 0.55 3.75
TRINITY___115KV___4 BK 55933	52.47 -0.56 0.00	51.92 -0.39 0.00	51.02 -0.18 0.00	40.50 -0.12 0.00	37.30 -0.08 0.00	48.52 -0.18 0.00	50.58 -0.37 0.00	53.10 -0.38 0.00	50.76 -0.29 0.00	58.07 -0.49 0.00	55.38 -0.05 0.00	59.25 0.56 0.00	60.05 0.85 0.00	64.18 1.05 0.00	84.40 1.37 0.00	75.08 0.85 0.00	64.93 0.91 0.00	51.13 0.84 0.00	50.82 0.63 0.00	47.90 0.45 0.00	48.15 0.40 0.00	50.96 0.18 0.00	49.85 -0.14 0.00	55.89 -0.49 0.00
UNION___PROCESSING_DRP 323587	55.02 2.00 0.00	53.64 1.32 0.00	52.11 0.91 0.00	41.16 0.54 0.00	37.93 0.55 0.00	49.75 1.05 0.00	52.49 1.53 0.00	55.05 1.58 0.00	52.83 1.78 0.00	61.33 2.76 0.00	59.01 3.58 0.00	62.71 4.02 0.00	62.60 3.40 0.00	66.42 3.29 0.00	87.30 4.27 0.00	78.36 4.13 0.00	66.77 2.75 0.00	52.33 2.03 0.00	52.89 2.70 0.00	50.08 2.63 0.00	50.69 2.95 0.00	53.83 3.05 0.00	52.44 2.44 0.00	58.76 2.38 0.00
UPPER HUDSON___HYD 24058	54.69 1.67 0.00	53.93 1.62 0.00	52.88 1.68 0.00	41.84 1.22 0.00	38.73 1.35 0.00	50.54 1.84 0.00	52.92 1.97 0.00	55.73 2.26 0.00	53.07 2.01 0.00	60.36 1.79 0.00	57.01 1.58 0.00	61.11 2.41 0.00	62.11 2.91 0.00	66.46 3.33 0.00	88.04 5.02 0.00	78.18 3.95 0.00	67.69 3.67 0.00	53.25 2.96 0.00	53.51 3.33 0.00	50.40 2.95 0.00	50.77 3.03 0.00	53.68 2.90 0.00	52.29 2.29 0.00	58.50 2.12 0.00
UPPER RAQUET___HYD 24056	55.15 2.12 -0.01	54.49 2.18 0.00	53.09 1.90 0.00	42.10 1.48 0.00	38.63 1.25 0.00	50.50 1.80 0.00	52.77 1.82 0.00	54.83 1.35 0.00	52.13 1.08 0.00	60.19 1.55 -0.08	55.55 0.09 -0.02	57.70 -1.09 -0.09	57.80 -1.41 0.00	61.13 -2.00 0.00	79.63 -3.40 0.00	71.53 -2.70 0.00	61.74 -2.28 0.00	48.66 -1.63 0.00	48.66 -1.53 0.00	46.35 -1.10 0.00	46.96 -0.80 -0.02	50.16 -0.62 0.00	50.38 0.37 -0.01	57.65 1.13 -0.14
VALLEY44_115KV_TB2 355964	54.04 1.01 0.00	52.55 0.24 0.00	51.16 -0.04 0.00	40.35 -0.27 0.00	37.26 -0.12 0.00	48.93 0.23 0.00	51.81 0.86 0.00	54.42 0.94 0.00	52.15 1.10 0.00	60.77 2.20 0.00	58.55 3.11 0.00	61.98 3.28 0.00	61.52 2.32 0.00	65.12 1.99 0.00	85.47 2.45 0.00	76.74 2.51 0.00	65.63 1.62 0.00	51.73 1.44 0.00	52.65 2.46 0.00	49.98 2.53 0.00	50.57 2.82 0.00	53.65 2.87 0.00	51.71 1.71 0.00	58.08 1.70 0.00
VALLEY___115KV_TB 1-4 80826	53.67 0.65 0.00	53.00 0.69 0.00	52.05 0.86 0.00	41.31 0.68 0.00	38.07 0.69 0.00	49.56 0.86 0.00	51.66 0.71 0.00	54.10 0.62 0.00	51.36 0.31 0.00	58.47 -0.09 0.00	55.79 0.36 0.00	59.83 1.13 0.00	60.88 1.67 0.00	65.32 2.19 0.00	86.51 3.48 0.00	76.52 2.29 0.00	66.41 2.38 0.00	52.19 1.90 0.00	52.42 2.23 0.00	49.41 1.97 0.00	49.69 1.95 0.00	52.74 1.96 0.00	51.36 1.37 0.00	57.51 1.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	54.51 1.49 0.00	53.98 1.67 0.00	52.84 1.65 0.00	41.97 1.35 0.00	38.63 1.25 0.00	50.31 1.62 0.00	52.47 1.51 0.00	55.10 1.63 0.00	52.77 1.72 0.00	60.79 2.13 -0.09	58.14 2.67 -0.03	62.17 3.36 -0.11	62.68 3.48 0.00	66.80 3.67 0.00	87.85 4.82 0.00	78.38 4.15 0.00	67.64 3.62 0.00	53.18 2.88 0.00	53.10 2.91 0.00	50.16 2.72 0.00	50.33 2.57 -0.02	53.32 2.54 0.00	52.02 2.01 -0.02	58.51 1.96 -0.17
VISCHER___FERRY HYD 24020	53.75 0.73 0.00	53.15 0.84 0.00	52.14 0.94 0.00	41.30 0.68 0.00	38.10 0.72 0.00	49.60 0.91 0.00	51.80 0.85 0.00	54.41 0.93 0.00	51.94 0.89 0.00	59.31 0.75 0.00	56.49 1.05 0.00	60.44 1.74 0.00	61.27 2.06 0.00	65.60 2.46 0.00	86.41 3.38 0.00	76.79 2.56 0.00	66.47 2.45 0.00	52.28 1.99 0.00	52.06 1.87 0.00	49.07 1.62 0.00	49.38 1.64 0.00	52.29 1.51 0.00	51.10 1.10 0.00	57.31 0.93 0.00
V_A_10_SYNC_DSASP 323832	54.56 1.54 0.00	53.08 0.77 0.00	51.51 0.31 0.00	40.65 0.03 0.00	37.49 0.11 0.00	49.25 0.55 0.00	52.03 1.08 0.00	54.52 1.04 0.00	52.33 1.28 0.00	60.98 2.42 0.00	58.94 3.51 0.00	62.53 3.83 0.00	62.04 2.84 0.00	65.66 2.53 0.00	86.26 3.23 0.00	77.48 3.25 0.00	65.53 1.51 0.00	51.15 0.86 0.00	51.82 1.63 0.00	49.05 1.61 0.00	49.94 2.20 0.00	53.22 2.44 0.00	51.92 1.92 0.00	58.35 1.97 0.00
V_CMM_10_SYNC_DSASP 323787	53.91 0.89 0.00	53.20 0.89 0.00	51.89 0.69 0.00	41.16 0.54 0.00	37.84 0.46 0.00	49.40 0.70 0.00	51.79 0.83 0.00	54.30 0.82 0.00	51.79 0.74 0.00	59.38 0.81 0.00	55.12 -0.31 0.00	57.53 -1.17 0.00	57.93 -1.27 0.00	61.62 -1.52 0.00	80.96 -2.06 0.00	72.70 -1.52 0.00	62.66 -1.36 0.00	49.23 -1.07 0.00	49.17 -1.02 0.00	46.53 -0.92 0.00	46.99 -0.75 0.00	50.30 -0.48 0.00	50.18 0.17 0.00	57.01 0.63 0.00
V_CMP_10_SYNC_DSASP 323788	53.75 0.72 0.00	53.07 0.76 0.00	51.76 0.57 0.00	41.01 0.38 0.00	37.74 0.36 0.00	49.26 0.57 0.00	51.68 0.72 0.00	54.55 1.07 0.00	52.11 1.06 0.00	59.65 1.08 0.00	54.92 -0.52 0.00	57.40 -1.29 0.00	58.08 -1.12 0.00	61.66 -1.47 0.00	81.45 -1.58 0.00	72.86 -1.36 0.00	62.83 -1.19 0.00	49.63 -0.66 0.00	49.68 -0.51 0.00	46.88 -0.57 0.00	47.32 -0.42 0.00	50.80 0.02 0.00	50.42 0.42 0.00	57.10 0.72 0.00
V_D_10_SYNC_DSASP 323841	54.53 1.49 -0.01	53.78 1.47 0.00	52.45 1.26 0.00	41.60 0.98 0.00	38.24 0.86 0.00	49.93 1.23 0.00	52.32 1.36 0.00	54.69 1.21 0.00	52.14 1.09 0.00	59.84 1.27 0.00	55.42 -0.01 0.00	57.69 -1.00 0.00	58.03 -1.17 0.00	61.69 -1.45 0.00	80.93 -2.09 0.00	72.69 -1.54 0.00	62.68 -1.35 0.00	49.28 -1.01 0.00	49.22 -0.97 0.00	46.64 -0.81 0.00	47.13 -0.61 0.00	50.40 -0.38 0.00	50.43 0.43 0.00	57.41 1.03 0.00
V_E_10_SYNC_DSASP 323830	56.92 3.89 0.00	55.87 3.56 0.00	54.61 3.41 0.00	43.23 2.60 0.00	39.92 2.54 0.00	52.17 3.47 0.00	54.84 3.89 0.00	57.61 4.14 0.00	55.24 4.19 0.00	63.60 4.83 -0.20	60.93 5.43 -0.07	65.63 6.70 -0.24	65.09 5.88 0.00	69.02 5.89 0.00	91.44 8.41 0.00	81.93 7.70 0.00	70.65 6.63 0.00	56.28 5.99 0.00	56.65 6.46 0.00	53.64 6.19 0.00	54.06 6.17 -0.14	59.40 6.22 -2.39	55.23 5.20 -0.03	62.06 5.30 -0.37

V_F_30_NSYNC___DSASP 323816	54.75 1.73 0.00	54.06 1.75 0.00	53.00 1.80 0.00	41.97 1.35 0.00	38.74 1.36 0.00	50.51 1.81 0.00	52.80 1.84 0.00	55.48 2.00 0.00	52.86 1.81 0.00	60.35 1.78 0.00	57.32 1.88 0.00	61.34 2.65 0.00	62.25 3.05 0.00	66.75 3.61 0.00	87.97 4.94 0.00	78.19 3.97 0.00	67.67 3.65 0.00	53.23 2.94 0.00	53.24 3.05 0.00	50.22 2.77 0.00	50.51 2.76 0.00	53.46 2.67 0.00	52.17 2.17 0.00	58.48 2.10 0.00
V_F_30_SYNC_DSASP 323786	52.81 -0.21 0.00	52.23 -0.08 0.00	51.33 0.12 0.00	40.73 0.10 0.00	37.51 0.13 0.00	48.79 0.09 0.00	50.88 -0.07 0.00	53.42 -0.05 0.00	51.09 0.04 0.00	58.48 -0.08 0.00	55.81 0.37 0.00	59.72 1.03 0.00	60.57 1.37 0.00	64.70 1.57 0.00	85.06 2.03 0.00	75.65 1.42 0.00	65.40 1.38 0.00	51.50 1.21 0.00	51.21 1.02 0.00	48.26 0.81 0.00	48.51 0.77 0.00	51.33 0.55 0.00	50.18 0.18 0.00	56.23 -0.15 0.00
V_XM_10_SYNC_DSASP 323789	53.75 0.72 0.00	53.07 0.76 0.00	51.76 0.57 0.00	41.01 0.38 0.00	37.74 0.36 0.00	49.26 0.57 0.00	51.68 0.72 0.00	54.55 1.07 0.00	52.11 1.06 0.00	59.65 1.08 0.00	54.92 -0.52 0.00	57.40 -1.29 0.00	58.08 -1.12 0.00	61.66 -1.47 0.00	81.45 -1.58 0.00	72.86 -1.36 0.00	62.83 -1.19 0.00	49.63 -0.66 0.00	49.68 -0.51 0.00	46.88 -0.57 0.00	47.32 -0.42 0.00	50.80 0.02 0.00	50.42 0.42 0.00	57.10 0.72 0.00
W.BABYLN_69_KV_BK1 56697	55.02 2.00 0.00	54.81 2.49 0.00	53.46 2.26 0.00	42.40 1.78 0.00	38.93 1.55 0.00	50.63 1.93 0.00	53.06 2.10 0.00	55.57 2.10 0.00	53.12 2.07 0.00	60.84 2.27 0.00	58.62 3.18 0.00	62.86 4.16 0.00	63.91 4.70 0.00	68.10 4.97 0.00	89.64 6.62 0.00	79.96 5.73 0.00	70.04 5.65 -0.36	55.09 4.79 0.00	54.12 3.93 0.00	50.94 3.49 0.00	50.71 2.97 0.00	52.96 2.18 0.00	51.78 1.78 0.00	36.59 1.07 20.86
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.84 0.82 0.00	53.30 0.99 0.00	52.25 1.05 0.00	41.50 0.88 0.00	38.16 0.77 0.00	49.52 0.82 0.00	51.80 0.84 0.00	54.49 1.01 0.00	52.32 1.27 0.00	60.20 1.64 0.00	58.02 2.58 0.00	62.46 3.76 0.00	63.27 4.06 0.00	67.77 4.63 0.00	89.23 6.21 0.00	79.82 5.59 0.00	69.09 5.07 0.00	54.15 3.85 0.00	53.46 3.27 0.00	50.37 2.93 0.00	50.34 2.60 0.00	52.85 2.07 0.00	51.56 1.56 0.00	57.54 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.70 0.68 0.00	53.34 1.03 0.00	52.37 1.17 0.00	41.67 1.05 0.00	38.31 0.93 0.00	49.66 0.96 0.00	51.92 0.96 0.00	54.61 1.13 0.00	52.52 1.47 0.00	60.43 1.86 0.00	58.25 2.81 0.00	62.58 3.88 0.00	63.28 4.08 0.00	67.68 4.54 0.00	89.14 6.12 0.00	79.73 5.50 0.00	68.99 4.97 0.00	54.03 3.74 0.00	53.30 3.12 0.00	50.23 2.78 0.00	50.24 2.50 0.00	52.74 1.96 0.00	51.57 1.57 0.00	57.47 1.09 0.00
W50THST__13_KV_LOAD 356117	54.02 1.00 0.00	53.68 1.37 0.00	52.71 1.51 0.00	41.95 1.33 0.00	38.59 1.21 0.00	50.03 1.33 0.00	52.32 1.36 0.00	55.07 1.59 0.00	53.02 1.97 0.00	61.06 2.49 0.00	58.89 3.46 0.00	63.27 4.57 0.00	63.93 4.73 0.00	68.37 5.24 0.00	90.05 7.02 0.00	80.55 6.32 0.00	69.67 5.65 0.00	54.53 4.24 0.00	53.77 3.58 0.00	50.63 3.18 0.00	50.63 2.88 0.00	53.11 2.33 0.00	51.93 1.93 0.00	57.86 1.48 0.00
WADING RIVER_IC_1 23522	54.32 1.30 0.00	54.14 1.83 0.00	52.86 1.67 0.00	41.93 1.31 0.00	38.49 1.11 0.00	50.09 1.39 0.00	52.48 1.53 0.00	54.85 1.37 0.00	52.43 1.38 0.00	59.91 1.34 0.00	57.78 2.34 0.00	61.85 3.15 0.00	63.01 3.81 0.00	67.12 3.98 0.00	88.28 5.25 0.00	78.61 4.38 0.00	71.71 4.58 -3.11	54.44 4.14 0.00	53.45 3.26 0.00	50.21 2.77 0.00	50.18 2.44 0.00	52.34 1.56 0.00	51.16 1.16 0.00	32.85 0.33 23.86
WADING RIVER_IC_2 23547	54.32 1.30 0.00	54.14 1.83 0.00	52.86 1.67 0.00	41.93 1.31 0.00	38.49 1.11 0.00	50.09 1.39 0.00	52.48 1.53 0.00	54.85 1.37 0.00	52.43 1.38 0.00	59.91 1.34 0.00	57.78 2.34 0.00	61.85 3.15 0.00	63.01 3.81 0.00	67.12 3.98 0.00	88.28 5.25 0.00	78.61 4.38 0.00	71.71 4.58 -3.11	54.44 4.14 0.00	53.45 3.26 0.00	50.21 2.77 0.00	50.18 2.44 0.00	52.34 1.56 0.00	51.16 1.16 0.00	32.85 0.33 23.86
WADING RIVER_IC_3 23601	54.32 1.30 0.00	54.14 1.83 0.00	52.86 1.67 0.00	41.93 1.31 0.00	38.49 1.11 0.00	50.09 1.39 0.00	52.48 1.53 0.00	54.85 1.37 0.00	52.43 1.38 0.00	59.91 1.34 0.00	57.78 2.34 0.00	61.85 3.15 0.00	63.01 3.81 0.00	67.12 3.98 0.00	88.28 5.25 0.00	78.61 4.38 0.00	71.71 4.58 -3.11	54.44 4.14 0.00	53.45 3.26 0.00	50.21 2.77 0.00	50.18 2.44 0.00	52.34 1.56 0.00	51.16 1.16 0.00	32.85 0.33 23.86
WALDENNY_12_KV_BK2 80841	55.77 2.75 0.00	54.08 1.77 0.00	52.35 1.16 0.00	41.21 0.59 0.00	38.01 0.63 0.00	50.00 1.30 0.00	52.91 1.96 0.00	55.46 1.98 0.00	53.28 2.23 0.00	62.20 3.63 0.00	60.35 4.92 0.00	64.02 5.32 0.00	63.37 4.16 0.00	66.98 3.85 0.00	88.01 4.99 0.00	79.15 4.92 0.00	67.23 3.21 0.00	52.61 2.31 0.00	53.41 3.23 0.00	50.62 3.17 0.00	51.38 3.64 0.00	54.53 3.74 0.00	53.08 3.08 0.00	59.70 3.32 0.00
WALDEN__HYDRO 24148	53.82 0.80 0.00	53.29 0.98 0.00	52.25 1.06 0.00	41.48 0.86 0.00	38.16 0.77 0.00	49.54 0.84 0.00	51.78 0.83 0.00	54.47 0.99 0.00	52.25 1.20 0.00	60.06 1.49 0.00	57.78 2.34 0.00	62.06 3.36 0.00	62.90 3.70 0.00	67.38 4.24 0.00	88.81 5.78 0.00	79.47 5.24 0.00	68.66 4.64 0.00	53.76 3.47 0.00	53.18 2.99 0.00	50.12 2.67 0.00	50.15 2.41 0.00	52.77 1.99 0.00	51.49 1.49 0.00	57.62 1.24 0.00
WARRENSBURG____ 23737	54.69 1.67 0.00	53.93 1.62 0.00	52.88 1.69 0.00	41.84 1.22 0.00	38.73 1.35 0.00	50.53 1.84 0.00	52.92 1.97 0.00	55.73 2.26 0.00	53.06 2.01 0.00	60.36 1.80 0.00	57.01 1.58 0.00	61.11 2.41 0.00	62.11 2.91 0.00	66.47 3.33 0.00	88.04 5.02 0.00	78.18 3.95 0.00	67.70 3.68 0.00	53.25 2.96 0.00	53.52 3.33 0.00	50.40 2.95 0.00	50.77 3.03 0.00	53.69 2.90 0.00	52.29 2.30 0.00	58.50 2.12 0.00
WATERSIDE____6 8 9 23538	53.36 0.34 0.00	53.12 0.81 0.00	52.18 0.98 0.00	41.57 0.95 0.00	38.18 0.80 0.00	49.35 0.65 0.00	51.65 0.70 0.00	54.26 0.78 0.00	52.29 1.24 0.00	59.86 1.29 0.00	57.63 2.19 0.00	61.90 3.20 0.00	62.50 3.30 0.00	66.91 3.77 0.00	88.05 5.03 0.00	78.81 4.58 0.00	68.32 4.30 0.00	53.52 3.23 0.00	52.75 2.56 0.00	49.92 2.48 0.00	49.88 2.14 0.00	52.32 1.54 0.00	51.30 1.30 0.00	57.01 0.62 0.00
WATKINRD_115KV_LN8_ILLION 55919	53.37 0.35 0.00	52.69 0.38 0.00	51.71 0.51 0.00	41.03 0.40 0.00	37.80 0.42 0.00	49.21 0.51 0.00	51.34 0.39 0.00	53.80 0.33 0.00	51.15 0.10 0.00	58.36 -0.20 0.00	55.61 0.18 0.00	59.48 0.78 0.00	60.36 1.16 0.00	64.68 1.55 0.00	85.52 2.49 0.00	75.81 1.59 0.00	65.69 1.67 0.00	51.64 1.35 0.00	51.77 1.59 0.00	48.86 1.41 0.00	49.12 1.38 0.00	52.14 1.36 0.00	50.90 0.90 0.00	57.07 0.69 0.00

WDELAWARE___HYD 323627	53.28 0.25 0.00	52.66 0.35 0.00	51.59 0.39 0.00	40.93 0.31 0.00	37.64 0.25 0.00	48.90 0.20 0.00	51.13 0.17 0.00	53.79 0.30 0.00	51.60 0.55 0.00	59.37 0.80 0.00	57.14 1.71 0.00	61.44 2.74 0.00	62.00 2.80 0.00	64.96 1.83 0.00	85.84 2.81 0.00	76.69 2.46 0.00	66.02 2.00 0.00	51.76 1.47 0.00	51.29 1.10 0.00	48.34 0.89 0.00	48.55 0.81 0.00	52.37 1.59 0.00	51.07 1.07 0.00	57.10 0.71 0.00
WEST BABYLON___IC 23714	55.02 2.00 0.00	54.81 2.49 0.00	53.46 2.26 0.00	42.40 1.78 0.00	38.93 1.55 0.00	50.63 1.93 0.00	53.06 2.10 0.00	55.57 2.10 0.00	53.12 2.07 0.00	60.84 2.27 0.00	58.62 3.18 0.00	62.86 4.16 0.00	63.91 4.70 0.00	68.10 4.97 0.00	89.64 6.62 0.00	79.96 5.73 0.00	70.04 5.65 -0.36	55.09 4.79 0.00	54.12 3.93 0.00	50.94 3.49 0.00	50.71 2.97 0.00	52.96 2.18 0.00	51.78 1.78 0.00	36.59 1.07 20.86
WEST CANADA___HYD 24049	52.96 -0.06 0.00	52.27 -0.04 0.00	51.21 0.01 0.00	40.63 0.01 0.00	37.38 0.00 0.00	48.70 0.00 0.00	50.92 -0.04 0.00	53.43 -0.05 0.00	50.96 -0.09 0.00	58.47 -0.10 0.00	55.58 0.14 0.00	59.06 0.36 0.00	59.64 0.44 0.00	63.64 0.50 0.00	83.68 0.65 0.00	74.72 0.49 0.00	64.51 0.48 0.00	50.69 0.40 0.00	50.59 0.40 0.00	47.81 0.36 0.00	48.08 0.33 0.00	51.04 0.26 0.00	50.10 0.10 0.00	56.38 0.00 0.00
WESTERN_NY_WIND 24143	56.95 3.93 0.00	55.27 2.96 0.00	53.53 2.33 0.00	42.15 1.52 0.00	38.87 1.49 0.00	51.16 2.46 0.00	54.09 3.14 0.00	56.73 3.25 0.00	54.45 3.40 0.00	63.35 4.79 0.00	60.93 5.50 0.00	64.77 6.07 0.00	64.34 5.13 0.00	68.08 4.94 0.00	88.88 5.86 0.00	79.69 5.46 0.00	67.77 3.75 0.00	53.30 3.01 0.00	54.08 3.89 0.00	51.45 4.00 0.00	52.38 4.64 0.00	55.58 4.79 0.00	54.11 4.11 0.00	60.69 4.30 0.00
WESTOVER___LESR 323668	53.42 0.39 0.00	52.56 0.25 0.00	51.48 0.28 0.00	40.81 0.19 0.00	37.61 0.23 0.00	48.99 0.29 0.00	51.33 0.38 0.00	53.96 0.48 0.00	51.61 0.56 0.00	59.65 0.89 -0.19	57.10 1.61 -0.06	60.99 2.06 -0.23	60.97 1.77 0.00	64.84 1.71 0.00	85.33 2.31 0.00	76.31 2.09 0.00	65.81 1.79 0.00	51.82 1.53 0.00	52.00 1.81 0.00	49.24 1.79 0.00	49.47 1.68 -0.05	52.44 1.66 0.00	50.99 0.96 -0.03	57.66 0.92 -0.36
WETHRSFD_WT_PWR 323626	54.81 1.79 0.00	53.27 0.96 0.00	51.65 0.45 0.00	40.69 0.07 0.00	37.43 0.05 0.00	48.84 0.14 0.00	51.85 0.90 0.00	54.43 0.94 0.00	52.27 1.22 0.00	60.83 2.26 0.00	58.61 3.18 0.01	62.02 3.33 0.00	61.59 2.39 0.00	65.02 1.89 0.00	85.41 2.38 0.00	76.64 2.41 0.00	65.26 1.24 0.00	51.24 0.95 0.00	52.22 2.03 0.00	49.86 2.41 0.00	50.53 2.89 0.10	51.26 3.08 2.60	52.27 2.27 0.00	58.75 2.36 0.00
WHAVSTOR_138KV_BK127 55557	53.38 0.36 0.00	52.88 0.56 0.00	51.86 0.66 0.00	41.20 0.58 0.00	37.88 0.50 0.00	49.15 0.46 0.00	51.40 0.44 0.00	54.04 0.56 0.00	51.86 0.81 0.00	59.63 1.07 0.00	57.42 1.99 0.00	61.78 3.08 0.00	62.55 3.34 0.00	66.97 3.83 0.00	88.15 5.13 0.00	78.87 4.65 0.00	68.30 4.28 0.00	53.54 3.25 0.00	52.89 2.70 0.00	49.84 2.39 0.00	49.82 2.07 0.00	52.32 1.53 0.00	51.07 1.08 0.00	57.04 0.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.38 0.36 0.00	52.88 0.56 0.00	51.86 0.66 0.00	41.20 0.58 0.00	37.88 0.50 0.00	49.15 0.46 0.00	51.40 0.44 0.00	54.04 0.56 0.00	51.86 0.81 0.00	59.63 1.07 0.00	57.42 1.99 0.00	61.78 3.08 0.00	62.55 3.34 0.00	66.97 3.83 0.00	88.15 5.13 0.00	78.87 4.65 0.00	68.30 4.28 0.00	53.54 3.25 0.00	52.89 2.70 0.00	49.84 2.39 0.00	49.82 2.07 0.00	52.32 1.53 0.00	51.07 1.08 0.00	57.04 0.66 0.00
WHITEHAL_115KV_TB1 80871	54.83 1.81 0.00	54.21 1.90 0.00	53.29 2.09 0.00	41.98 1.36 0.00	39.36 1.99 0.00	51.58 2.88 0.00	54.33 3.38 0.00	57.43 3.95 0.00	54.41 3.36 0.00	60.74 2.17 0.00	57.70 2.27 0.00	61.95 3.25 0.00	62.78 3.57 0.00	66.91 3.78 0.00	89.76 6.73 0.00	80.05 5.82 0.00	69.77 5.75 0.00	54.90 4.61 0.00	54.53 4.34 0.00	51.17 3.72 0.00	51.24 3.50 0.00	54.31 3.53 0.00	52.75 2.75 0.00	58.99 2.60 0.00
WHITEPLN_13_KV_LOAD 356215	54.32 1.30 0.00	53.86 1.55 0.00	52.81 1.61 0.00	41.93 1.31 0.00	38.57 1.19 0.00	50.06 1.37 0.00	52.39 1.43 0.00	55.16 1.69 0.00	53.02 1.97 0.00	61.00 2.43 0.00	58.82 3.38 0.00	63.27 4.57 0.00	64.07 4.87 0.00	68.58 5.45 0.00	90.33 7.31 0.00	80.86 6.63 0.00	69.97 5.95 0.00	54.83 4.54 0.00	54.10 3.91 0.00	50.92 3.47 0.00	50.85 3.11 0.00	53.37 2.59 0.00	52.10 2.10 0.00	58.07 1.68 0.00
WM_FLOYD_69_KV_BK2 356380	54.84 1.82 0.00	54.66 2.35 0.00	53.34 2.14 0.00	42.31 1.69 0.00	38.85 1.47 0.00	50.53 1.84 0.00	52.99 2.03 0.00	55.43 1.95 0.00	52.99 1.94 0.00	60.53 1.96 0.00	58.41 2.98 0.00	62.47 3.78 0.00	63.52 4.32 0.00	67.70 4.57 0.00	89.08 6.06 0.00	79.33 5.10 0.00	72.66 5.31 -3.33	54.91 4.61 0.00	53.91 3.72 0.00	50.73 3.28 0.00	50.62 2.88 0.00	52.83 2.05 0.00	51.66 1.66 0.00	33.50 0.92 23.80
WOODARD___115KV_TB2 355635	52.74 -0.28 0.00	51.83 -0.48 0.00	50.63 -0.57 0.00	40.15 -0.48 0.00	36.96 -0.42 0.00	48.15 -0.55 0.00	50.53 -0.43 0.00	53.05 -0.43 0.00	50.74 -0.30 0.00	58.88 -0.05 -0.36	56.04 0.50 -0.10	59.85 0.73 -0.42	59.73 0.53 0.00	63.62 0.49 0.00	83.72 0.69 0.00	74.88 0.65 0.00	64.42 0.41 0.00	50.63 0.34 0.00	50.69 0.50 0.00	48.01 0.56 0.00	48.36 0.53 -0.09	51.20 0.42 0.00	50.08 0.02 -0.06	56.79 -0.26 -0.66
WOODMERE_69_KV_BK1 55827	54.94 1.92 0.00	54.54 2.22 0.00	53.25 2.05 0.00	42.27 1.65 0.00	38.84 1.46 0.00	50.49 1.79 0.00	52.78 1.83 0.00	55.38 1.90 0.00	53.13 2.08 0.00	61.05 2.48 0.00	58.93 3.49 0.00	63.33 4.63 0.00	64.10 4.89 0.00	68.43 5.29 0.00	90.16 7.14 0.00	80.58 6.35 0.00	69.66 5.63 0.00	54.68 4.39 0.00	53.79 3.60 0.00	50.71 3.26 0.00	50.76 3.02 0.00	53.25 2.46 0.00	52.02 2.02 0.00	57.77 1.39 0.00
YORK___WARBASSE 23770	53.63 0.60 0.00	53.31 1.00 0.00	52.37 1.17 0.00	41.73 1.11 0.00	38.30 0.93 0.00	49.51 0.81 0.00	51.79 0.83 0.00	54.33 0.85 0.00	52.35 1.31 0.00	59.90 1.33 0.00	57.68 2.25 0.00	62.05 3.35 0.00	62.72 3.52 0.00	67.22 4.09 0.00	88.45 5.43 0.00	79.26 5.03 0.00	68.76 4.74 0.00	53.85 3.55 0.00	53.10 2.91 0.00	50.29 2.84 -0.01	50.19 2.44 0.00	52.56 1.78 0.00	51.52 1.53 0.00	57.26 0.88 0.00