

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/26/2025

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	59.63	51.73	45.53	43.78	43.42	42.96	46.02	42.19	45.88	50.87	52.41	56.33	59.02	61.21	65.44	68.16	81.27	89.16	93.06	84.89	80.26	70.04	59.51	56.66
24138	3.85	3.79	3.37	3.09	2.95	2.96	3.33	3.20	3.36	3.77	3.66	3.83	4.12	3.79	3.94	3.92	5.17	6.22	5.60	4.27	3.46	2.37	2.40	2.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	59.75	51.82	45.61	43.86	43.50	43.04	46.11	42.23	45.88	50.87	52.41	56.33	58.96	61.21	65.44	68.16	81.34	89.25	93.15	85.06	80.41	70.18	59.57	56.71
24260	3.96	3.88	3.46	3.17	3.03	3.04	3.42	3.24	3.36	3.77	3.66	3.83	4.06	3.79	3.94	3.92	5.25	6.30	5.69	4.43	3.61	2.50	2.46	2.96
	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
74TH STREET_GT_2	59.75	51.82	45.61	43.86	43.50	43.04	46.11	42.23	45.88	50.87	52.41	56.33	58.96	61.21	65.44	68.16	81.34	89.25	93.15	85.06	80.41	70.18	59.57	56.71
24261	3.96	3.88	3.46	3.17	3.03	3.04	3.42	3.24	3.36	3.77	3.66	3.83	4.06	3.79	3.94	3.92	5.25	6.30	5.69	4.43	3.61	2.50	2.46	2.96
	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
ADK HUDSON___FALLS	59.19	50.91	44.81	43.17	42.89	42.40	45.17	41.18	44.47	48.99	50.12	53.76	56.16	58.97	63.10	66.30	78.98	87.17	93.15	85.86	81.87	71.80	60.42	56.77
24011	3.40	2.97	2.66	2.48	2.43	2.40	2.48	2.18	1.96	1.88	1.37	1.26	1.26	1.55	1.60	2.06	2.89	4.23	5.69	5.24	5.07	4.13	3.31	3.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	59.47	51.15	45.02	43.33	43.05	42.56	45.34	41.33	44.60	49.13	50.27	53.91	56.33	59.14	63.35	66.55	79.36	87.67	93.58	86.43	82.56	72.28	60.77	57.09
23798	3.68	3.21	2.87	2.64	2.59	2.56	2.65	2.34	2.08	2.02	1.51	1.42	1.43	1.72	1.84	2.31	3.27	4.73	6.12	5.81	5.76	4.60	3.66	3.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	59.19	50.91	44.81	43.17	42.89	42.40	45.17	41.18	44.47	48.99	50.12	53.76	56.16	58.97	63.10	66.30	78.98	87.17	93.15	85.86	81.87	71.80	60.42	56.77
24028	3.40	2.97	2.66	2.48	2.43	2.40	2.48	2.18	1.96	1.88	1.37	1.26	1.26	1.55	1.60	2.06	2.89	4.23	5.69	5.24	5.07	4.13	3.31	3.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	58.35	50.29	44.35	42.72	42.48	42.04	44.74	40.94	44.22	48.65	50.02	53.75	56.00	58.74	62.80	65.72	78.45	86.43	91.13	83.85	79.56	69.91	59.05	55.59
23527	2.57	2.35	2.19	2.03	2.02	2.04	2.05	1.95	1.70	1.55	1.27	1.26	1.10	1.32	1.29	1.48	2.36	3.48	3.67	3.23	2.76	2.23	1.94	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	56.34	48.56	43.00	41.75	41.60	41.08	43.80	39.93	42.86	47.24	48.66	52.29	54.57	56.91	60.77	63.60	75.64	82.94	87.55	80.38	76.34	67.07	56.71	53.54
24190	0.56	0.62	0.84	1.06	1.13	1.08	1.11	0.94	0.34	0.14	-0.10	-0.21	-0.33	-0.52	-0.74	-0.64	-0.46	0.00	0.09	-0.24	-0.46	-0.61	-0.40	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	55.56	47.51	41.82	40.32	40.18	39.68	42.35	38.76	42.69	47.43	49.05	52.65	55.17	57.59	61.63	64.31	75.86	82.03	86.50	79.90	76.88	68.01	57.40	53.76
355683	-0.22	-0.43	-0.34	-0.37	-0.28	-0.32	-0.34	-0.23	0.17	0.33	0.29	0.16	0.27	0.17	0.12	0.06	-0.23	-0.91	-0.96	-0.73	0.08	0.34	0.29	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	57.62	49.72	43.88	42.44	42.24	41.72	44.44	40.28	43.24	47.52	48.95	52.55	54.85	57.14	60.21	63.15	75.29	82.70	87.46	80.78	76.80	67.54	57.05	53.87
323833	1.84	1.77	1.73	1.75	1.78	1.72	1.75	1.28	0.72	0.42	0.20	0.05	-0.05	-0.29	-1.29	-1.09	-0.76	-0.25	0.00	0.16	0.00	-0.14	-0.06	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	57.62	49.66	43.84	42.44	42.24	41.72	44.44	40.28	43.20	47.52	48.95	52.55	54.85	57.14	60.15	63.09	75.29	82.70	87.46	80.70	76.80	67.54	57.05	53.81
323834	1.84	1.72	1.69	1.75	1.78	1.72	1.75	1.28	0.68	0.42	0.20	0.05	-0.05	-0.29	-1.35	-1.15	-0.76	-0.25	0.00	0.08	0.00	-0.14	-0.06	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	56.34	48.56	43.00	41.75	41.60	41.08	43.80	39.93	42.86	47.24	48.66	52.29	54.57	56.91	60.77	63.60	75.64	82.94	87.55	80.38	76.34	67.07	56.71	53.54
23571	0.56	0.62	0.84	1.06	1.13	1.08	1.11	0.94	0.34	0.14	-0.10	-0.21	-0.33	-0.52	-0.74	-0.64	-0.46	0.00	0.09	-0.24	-0.46	-0.61	-0.40	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.60 1.13 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.94 0.00	42.86 0.34 0.00	47.24 0.14 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.91 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.46 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.71 -0.40 0.00	53.54 -0.22 0.00
ALBANY___3 23573	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.60 1.13 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.94 0.00	42.86 0.34 0.00	47.24 0.14 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.91 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.46 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.71 -0.40 0.00	53.54 -0.22 0.00
ALBANY___4 23574	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.60 1.13 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.94 0.00	42.86 0.34 0.00	47.24 0.14 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.91 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.46 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.71 -0.40 0.00	53.54 -0.22 0.00
ALBANY___LFGE 323615	57.01 1.23 0.00	49.14 1.20 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.45 0.00	41.44 1.44 0.00	44.15 1.45 0.00	40.24 1.25 0.00	43.24 0.72 0.00	47.62 0.52 0.00	49.19 0.44 0.00	52.87 0.37 0.00	55.18 0.28 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.44 0.19 0.00	76.70 0.61 0.00	84.19 1.25 0.00	88.69 1.22 0.00	81.59 0.97 0.00	77.49 0.69 0.00	68.02 0.34 0.00	57.46 0.34 0.00	54.24 0.48 0.00
ALCOA_PA_115KV_PL-6C 55860	55.90 0.11 0.00	47.80 -0.14 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.95 -0.04 0.00	42.94 0.43 0.00	47.71 0.61 0.00	49.39 0.63 0.00	52.97 0.47 0.00	55.50 0.60 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.56 0.32 0.00	76.25 0.15 0.00	82.36 -0.58 0.00	87.02 -0.44 0.00	80.38 -0.24 0.00	77.41 0.61 0.00	68.49 0.81 0.00	57.85 0.74 0.00	54.13 0.38 0.00
ALCOA_RYNLDS___DRP 24188	55.90 0.11 0.00	47.80 -0.14 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.95 -0.04 0.00	42.94 0.43 0.00	47.71 0.61 0.00	49.39 0.63 0.00	52.97 0.47 0.00	55.50 0.60 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.56 0.32 0.00	76.25 0.15 0.00	82.36 -0.58 0.00	87.02 -0.44 0.00	80.38 -0.24 0.00	77.41 0.61 0.00	68.49 0.81 0.00	57.85 0.74 0.00	54.13 0.38 0.00
ALCOA___DSASP 323711	55.90 0.11 0.00	47.80 -0.14 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.95 -0.04 0.00	42.94 0.43 0.00	47.67 0.57 0.00	49.39 0.63 0.00	52.97 0.47 0.00	55.51 0.61 0.00	57.94 0.52 0.00	61.94 0.43 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.37 -0.58 0.00	87.03 -0.44 0.00	80.38 -0.24 0.00	77.34 0.54 0.00	68.49 0.82 0.00	57.85 0.74 0.00	54.14 0.38 0.00
ALLEGHENY___COGEN 23514	56.40 0.61 0.00	48.61 0.67 0.00	42.33 0.17 0.00	40.89 0.20 0.00	40.06 -0.40 0.00	39.60 -0.40 0.00	42.05 -0.64 0.00	38.29 -0.70 0.00	40.86 -1.66 0.00	44.94 -2.17 0.00	46.51 -2.24 0.00	50.39 -2.10 0.00	52.70 -2.20 0.00	55.18 -2.24 0.00	59.48 -2.03 0.00	62.18 -2.06 0.00	74.57 -1.52 0.00	82.61 -0.33 0.00	89.56 2.10 0.00	84.89 4.27 0.00	80.26 3.46 0.00	70.58 2.91 0.00	59.23 2.11 0.00	55.96 2.20 0.00
ALTAMONT_115KV_TB 2 55880	57.01 1.23 0.00	49.14 1.20 0.00	43.34 1.18 0.00	41.87 1.18 0.00	41.72 1.25 0.00	41.20 1.20 0.00	43.97 1.28 0.00	40.05 1.05 0.00	43.28 0.77 0.00	47.81 0.71 0.00	49.29 0.54 0.00	53.02 0.52 0.00	55.39 0.49 0.00	57.77 0.34 0.00	61.75 0.25 0.00	64.56 0.32 0.00	76.78 0.68 0.00	84.19 1.24 0.00	88.77 1.31 0.00	81.59 0.97 0.00	77.49 0.69 0.00	68.08 0.41 0.00	57.51 0.40 0.00	54.30 0.54 0.00
ALTONA_WT_PWR 323606	55.78 0.00 0.00	47.89 -0.05 0.00	42.11 -0.04 0.00	40.61 -0.08 0.00	40.46 0.00 0.00	39.96 -0.04 0.00	42.69 0.00 0.00	39.03 0.04 0.00	42.94 0.43 0.00	47.71 0.61 0.00	49.39 0.63 0.00	53.02 0.52 0.00	55.56 0.66 0.00	57.71 0.29 0.00	61.75 0.25 0.00	64.44 0.19 0.00	76.02 -0.08 0.00	82.28 -0.67 0.00	86.85 -0.61 0.00	80.22 -0.40 0.00	76.95 0.15 0.00	68.02 0.34 0.00	57.46 0.34 0.00	54.19 0.43 0.00
AMERICAN_REF_FUEL 24010	54.05 -1.73 0.00	46.93 -1.01 0.00	40.85 -1.31 0.00	39.76 -0.93 0.00	38.60 -1.86 0.00	38.20 -1.80 0.00	40.09 -2.61 0.00	36.77 -2.22 0.00	39.80 -2.72 0.00	44.65 -2.45 0.00	46.85 -1.90 0.00	50.87 -1.63 0.00	53.14 -1.76 0.00	55.70 -1.72 0.00	60.03 -1.48 0.00	62.25 -1.99 0.00	74.42 -1.67 0.00	80.87 -2.07 0.00	86.24 -1.22 0.00	80.06 -0.56 0.00	74.88 -1.92 0.00	65.58 -2.10 0.00	55.69 -1.43 0.00	53.12 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	56.07 0.28 0.00	48.56 0.62 0.00	42.28 0.13 0.00	40.89 0.20 0.00	39.81 -0.65 0.00	39.40 -0.60 0.00	41.93 -0.77 0.00	38.45 -0.55 0.00	41.54 -0.98 0.00	46.68 -0.42 0.00	49.05 0.29 0.00	53.23 0.73 0.00	55.78 0.88 0.00	58.51 1.09 0.00	63.10 1.60 0.00	65.65 1.41 0.00	78.37 2.28 0.00	85.26 2.32 0.00	90.96 3.50 0.00	84.65 4.03 0.00	79.03 2.23 0.00	69.03 1.35 0.00	58.19 1.08 0.00	55.05 1.29 0.00
ARTHUR KILL_GT_1 23520	53.13 2.85 5.50	51.44 3.50 0.00	45.70 3.54 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.80 2.80 0.00	45.60 2.90 0.00	41.68 2.69 0.00	45.24 2.72 0.00	49.83 2.73 0.01	51.22 2.63 0.17	53.45 2.57 1.61	57.55 2.85 0.20	59.89 2.87 0.40	56.14 2.95 8.31	56.08 2.89 11.06	71.80 3.96 8.25	73.36 4.98 14.56	71.76 4.46 20.16	59.11 3.31 24.82	61.78 2.46 17.47	53.64 1.49 15.52	53.32 1.60 5.39	54.43 1.83 1.16
ARTHUR_KILL_2 23512	52.90 2.62 5.51	51.25 3.31 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.64 2.64 0.00	45.43 2.73 0.00	41.53 2.53 0.00	45.07 2.55 0.00	49.54 2.45 0.01	51.02 2.44 0.17	53.29 2.42 1.62	57.38 2.69 0.21	59.66 2.64 0.40	55.89 2.70 8.31	55.76 2.57 11.06	71.57 3.73 8.25	72.94 4.56 14.56	71.14 3.84 20.16	58.70 2.90 24.82	61.47 2.15 17.47	53.30 1.15 15.52	52.86 1.14 5.40	54.15 1.56 1.17
ARTHUR_KILL_3 23513	53.39 3.12 5.52	51.15 3.21 0.00	45.06 2.91 0.00	43.30 2.61 0.00	42.97 2.51 0.00	42.56 2.56 0.00	45.55 2.86 0.00	41.80 2.81 0.00	45.41 2.89 0.00	50.26 3.16 0.00	51.57 2.97 0.16	53.87 2.99 1.61	57.88 3.18 0.20	59.90 2.87 0.40	56.15 2.95 8.31	56.15 2.96 11.05	71.96 4.11 8.24	73.37 4.98 14.55	71.42 4.11 20.15	58.95 3.14 24.81	61.79 2.46 17.47	53.59 1.42 15.51	53.32 1.60 5.39	54.75 2.15 1.16

ARTHUR_KILL_COGEN 323718	53.12 2.84 5.51	51.44 3.50 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.46 2.99 0.00	42.80 2.80 0.00	45.60 2.90 0.00	41.68 2.69 0.00	45.20 2.68 0.00	49.73 2.64 0.01	51.22 2.63 0.17	53.50 2.62 1.62	57.60 2.91 0.21	59.89 2.87 0.40	56.14 2.95 8.31	56.08 2.89 11.06	71.95 4.11 8.25	73.36 4.98 14.56	71.58 4.28 20.16	59.11 3.31 24.82	61.86 2.53 17.47	53.64 1.49 15.52	53.14 1.43 5.40	54.42 1.83 1.17
ASHOKAN____ 23654	59.13 3.35 0.00	50.87 2.92 0.00	44.73 2.57 0.00	43.13 2.44 0.00	42.93 2.47 0.00	42.00 2.00 0.00	44.74 2.05 0.00	40.47 1.48 0.00	43.45 0.93 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.23 0.73 0.00	55.78 0.88 0.00	58.51 1.09 0.00	62.85 1.35 0.00	65.91 1.67 0.00	81.30 5.25 0.04	87.01 4.06 0.00	91.92 4.46 0.00	84.25 3.63 0.00	79.79 2.99 0.00	70.04 2.37 0.00	59.23 2.11 0.00	55.96 2.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	59.03 3.23 -0.01	51.59 3.64 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.42 2.95 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.72 2.73 0.00	45.15 2.64 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.51 3.10 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.21 5.14 -0.12	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.93 1.83 0.01	56.13 2.36 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	59.03 3.23 -0.01	51.59 3.64 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.42 2.95 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.72 2.73 0.00	45.15 2.64 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.51 3.10 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.21 5.14 -0.12	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.93 1.83 0.01	56.13 2.36 -0.01
ASTORIA_GT2_1 24094	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT2_2 24095	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT2_3 24096	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT2_4 24097	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT3_1 24098	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT3_2 24099	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT3_3 24100	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT3_4 24101	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT4_1 24102	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT4_2 24103	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT4_3 24104	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02

ASTORIA_GT4_4 24105	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.96 2.96 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.20 2.68 0.00	50.02 2.92 0.00	51.68 2.93 0.00	55.54 3.04 0.00	58.19 3.29 0.00	60.51 3.10 0.01	64.63 3.14 0.01	67.32 3.08 0.01	80.19 4.11 0.01	88.21 5.14 -0.12	92.00 4.55 0.01	84.00 3.39 0.01	79.40 2.61 0.01	69.36 1.69 0.01	58.94 1.83 0.00	56.19 2.42 -0.02
ASTORIA_GT_1 23523	59.20 3.40 -0.02	51.74 3.79 -0.01	45.74 3.58 0.00	43.95 3.26 -0.01	43.55 3.08 -0.01	43.04 3.04 0.00	45.77 3.07 0.00	41.84 2.85 0.00	45.28 2.76 0.00	50.12 3.01 0.00	51.82 3.07 0.00	55.70 3.20 0.00	58.36 3.46 0.00	60.69 3.27 0.01	64.82 3.32 0.01	67.45 3.21 0.01	80.42 4.34 0.01	88.37 5.31 -0.12	92.26 4.81 0.01	84.24 3.63 0.01	79.63 2.84 0.01	69.49 1.83 0.01	59.05 1.94 0.00	56.35 2.58 -0.02
ASTORIA_GT_10 24110	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.80 2.80 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.68 2.93 0.00	55.44 2.94 0.00	57.97 3.07 0.00	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.83 7.92	59.99 3.88 19.99	60.97 4.81 26.78	59.69 4.20 31.97	59.12 3.06 24.57	59.05 2.30 20.06	59.04 1.35 9.99	58.65 1.54 0.00	55.91 2.15 0.00
ASTORIA_GT_11 24225	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.80 2.80 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.68 2.93 0.00	55.44 2.94 0.00	57.97 3.07 0.00	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.83 7.92	59.99 3.88 19.99	60.97 4.81 26.78	59.69 4.20 31.97	59.12 3.06 24.57	59.05 2.30 20.06	59.04 1.35 9.99	58.65 1.54 0.00	55.91 2.15 0.00
ASTORIA_GT_12 24226	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.80 2.80 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.68 2.93 0.00	55.44 2.94 0.00	57.97 3.07 0.00	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.83 7.92	59.99 3.88 19.99	60.97 4.81 26.78	59.69 4.20 31.97	59.12 3.06 24.57	59.05 2.30 20.06	59.04 1.35 9.99	58.65 1.54 0.00	55.91 2.15 0.00
ASTORIA_GT_13 24227	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.80 2.80 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.68 2.93 0.00	55.44 2.94 0.00	57.97 3.07 0.00	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.83 7.92	59.99 3.88 19.99	60.97 4.81 26.78	59.69 4.20 31.97	59.12 3.06 24.57	59.05 2.30 20.06	59.04 1.35 9.99	58.65 1.54 0.00	55.91 2.15 0.00
ASTORIA_GT_5 24106	59.20 3.40 -0.02	51.74 3.79 -0.01	45.74 3.58 0.00	43.95 3.26 -0.01	43.55 3.08 -0.01	43.04 3.04 0.00	45.77 3.07 0.00	41.84 2.85 0.00	45.28 2.76 0.00	50.12 3.01 0.00	51.82 3.07 0.00	55.70 3.20 0.00	58.36 3.46 0.00	60.69 3.27 0.01	64.82 3.32 0.01	67.45 3.21 0.01	80.42 4.34 0.01	88.37 5.31 -0.12	92.26 4.81 0.01	84.24 3.63 0.01	79.63 2.84 0.01	69.49 1.83 0.01	59.05 1.94 0.00	56.35 2.58 -0.02
ASTORIA_GT_7 24107	59.20 3.40 -0.02	51.74 3.79 -0.01	45.74 3.58 0.00	43.95 3.26 -0.01	43.55 3.08 -0.01	43.04 3.04 0.00	45.77 3.07 0.00	41.84 2.85 0.00	45.28 2.76 0.00	50.12 3.01 0.00	51.82 3.07 0.00	55.70 3.20 0.00	58.36 3.46 0.00	60.69 3.27 0.01	64.82 3.32 0.01	67.45 3.21 0.01	80.42 4.34 0.01	88.37 5.31 -0.12	92.26 4.81 0.01	84.24 3.63 0.01	79.63 2.84 0.01	69.49 1.83 0.01	59.05 1.94 0.00	56.35 2.58 -0.02
ASTORIA_GT_8 24108	59.20 3.40 -0.02	51.74 3.79 -0.01	45.74 3.58 0.00	43.95 3.26 -0.01	43.55 3.08 -0.01	43.04 3.04 0.00	45.77 3.07 0.00	41.84 2.85 0.00	45.28 2.76 0.00	50.12 3.01 0.00	51.82 3.07 0.00	55.70 3.20 0.00	58.36 3.46 0.00	60.69 3.27 0.01	64.82 3.32 0.01	67.45 3.21 0.01	80.42 4.34 0.01	88.37 5.31 -0.12	92.26 4.81 0.01	84.24 3.63 0.01	79.63 2.84 0.01	69.49 1.83 0.01	59.05 1.94 0.00	56.35 2.58 -0.02
ASTORIA___2 24149	59.08 3.29 -0.01	51.64 3.69 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.46 2.99 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.19 2.68 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.48 2.99 0.01	58.13 3.24 0.01	60.51 3.10 0.01	64.63 3.13 0.01	67.32 3.08 0.01	80.34 4.26 0.01	88.21 5.14 -0.12	91.91 4.46 0.01	84.08 3.46 0.01	79.48 2.69 0.01	69.36 1.69 0.01	58.93 1.83 0.01	56.13 2.36 -0.01
ASTORIA___3 23516	58.84 3.07 0.01	51.44 3.50 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.64 2.94 0.00	41.80 2.81 0.00	45.28 2.76 0.00	50.02 2.92 0.00	51.68 2.92 0.00	55.43 2.94 0.01	57.96 3.07 0.01	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.82 7.92	60.06 3.95 19.99	60.97 4.81 26.78	59.52 4.03 31.97	59.11 3.06 24.57	59.13 2.38 20.06	59.04 1.35 9.99	58.65 1.54 0.01	55.84 2.09 0.01
ASTORIA___4 23517	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.68 2.93 0.00	55.44 2.94 0.00	57.97 3.07 0.00	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.83 7.92	59.91 3.80 19.99	60.97 4.81 26.78	59.69 4.20 31.97	59.12 3.06 24.57	59.05 2.30 20.06	59.04 1.35 9.99	58.65 1.54 0.00	55.91 2.15 0.00
ASTORIA___5 23518	58.84 3.07 0.01	51.44 3.50 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.64 2.94 0.00	41.80 2.81 0.00	45.28 2.76 0.00	50.02 2.92 0.00	51.68 2.92 0.00	55.43 2.94 0.01	57.96 3.07 0.01	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.82 7.92	60.06 3.95 19.99	60.97 4.81 26.78	59.52 4.03 31.97	59.11 3.06 24.57	59.13 2.38 20.06	59.04 1.35 9.99	58.65 1.54 0.01	55.84 2.09 0.01
AST_ENERGY_2_CC3 323677	37.64 3.40 21.55	37.64 3.45 13.76	37.64 3.04 7.55	37.64 2.77 5.82	37.64 2.63 5.45	37.64 2.68 5.04	37.64 2.99 8.04	37.64 2.89 4.24	37.64 2.98 7.85	37.64 3.25 12.71	39.42 3.12 12.46	39.42 3.20 16.28	41.15 3.46 17.21	43.17 3.21 17.47	39.42 3.26 25.34	39.42 3.27 28.10	55.23 4.49 25.35	56.64 5.39 31.69	54.69 4.63 37.40	42.22 3.54 41.94	46.74 2.84 32.90	40.80 1.76 28.64	41.52 1.88 17.47	39.42 2.36 16.70
AST_ENERGY_2_CC4 323678	37.64 3.40 21.55	37.64 3.45 13.76	37.64 3.04 7.55	37.64 2.77 5.82	37.64 2.63 5.45	37.64 2.68 5.04	37.64 2.99 8.04	37.64 2.89 4.24	37.64 2.98 7.85	37.64 3.25 12.71	39.42 3.12 12.46	39.42 3.20 16.28	41.15 3.46 17.21	43.17 3.21 17.47	39.42 3.26 25.34	39.42 3.27 28.10	55.23 4.49 25.35	56.64 5.39 31.69	54.69 4.63 37.40	42.22 3.54 41.94	46.74 2.84 32.90	40.80 1.76 28.64	41.52 1.88 17.47	39.42 2.36 16.70

ATHENS_STG_1 23668	57.18 1.40 0.00	49.33 1.39 0.00	43.46 1.31 0.00	41.95 1.26 0.00	41.80 1.33 0.00	41.32 1.32 0.00	44.15 1.45 0.00	40.20 1.21 0.00	43.54 1.02 0.00	48.09 0.99 0.00	49.68 0.92 0.00	53.44 0.95 0.00	55.89 0.99 0.00	58.34 0.92 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.44 0.00	84.85 1.91 0.00	89.12 1.66 0.00	81.91 1.29 0.00	77.72 0.92 0.00	68.15 0.48 0.00	57.62 0.51 0.00	54.51 0.75 0.00
ATHENS_STG_2 23670	57.18 1.40 0.00	49.33 1.39 0.00	43.46 1.31 0.00	41.95 1.26 0.00	41.80 1.33 0.00	41.32 1.32 0.00	44.15 1.45 0.00	40.20 1.21 0.00	43.54 1.02 0.00	48.09 0.99 0.00	49.68 0.92 0.00	53.44 0.95 0.00	55.89 0.99 0.00	58.34 0.92 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.44 0.00	84.85 1.91 0.00	89.12 1.66 0.00	81.91 1.29 0.00	77.72 0.92 0.00	68.15 0.48 0.00	57.62 0.51 0.00	54.51 0.75 0.00
ATHENS_STG_3 23677	57.18 1.40 0.00	49.33 1.39 0.00	43.46 1.31 0.00	41.95 1.26 0.00	41.80 1.33 0.00	41.32 1.32 0.00	44.15 1.45 0.00	40.20 1.21 0.00	43.54 1.02 0.00	48.09 0.99 0.00	49.68 0.92 0.00	53.44 0.95 0.00	55.89 0.99 0.00	58.34 0.92 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.44 0.00	84.85 1.91 0.00	89.12 1.66 0.00	81.91 1.29 0.00	77.72 0.92 0.00	68.15 0.48 0.00	57.62 0.51 0.00	54.51 0.75 0.00
AUBURN____LFGE 323710	56.01 0.22 0.00	48.18 0.24 0.00	42.24 0.08 0.00	40.73 0.04 0.00	40.34 -0.12 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.18 -0.34 0.00	46.68 -0.42 0.00	48.61 -0.15 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.00 0.49 0.00	64.82 0.58 0.00	77.23 1.14 0.00	84.69 1.74 0.00	89.47 2.01 0.00	83.04 2.42 0.00	78.41 1.61 0.00	68.89 1.22 0.00	57.91 0.80 0.00	54.56 0.81 0.00
BABYLON_RES_REC 323704	60.82 5.02 -0.01	52.65 4.70 -0.01	46.30 4.13 -0.01	44.48 3.78 -0.01	44.03 3.56 -0.01	43.52 3.52 0.00	46.03 3.33 0.00	42.35 3.35 0.00	46.88 3.78 -0.58	51.76 4.19 -0.47	55.69 4.24 -2.70	59.20 4.15 -2.55	59.19 4.29 0.00	60.35 2.93 0.00	63.80 2.40 0.10	66.55 2.31 0.00	78.82 2.74 0.01	86.64 3.98 0.28	90.61 3.14 0.00	82.38 1.77 0.01	72.48 1.30 5.63	62.90 0.48 5.25	58.31 1.20 0.00	56.82 3.06 0.00
BALL_HILL_WT_PWR 323825	55.23 -0.56 0.00	47.89 -0.05 0.00	41.69 -0.46 0.00	40.36 -0.33 0.00	39.29 -1.17 0.00	38.92 -1.08 0.00	41.37 -1.32 0.00	37.90 -1.09 0.00	40.99 -1.53 0.00	46.02 -1.08 0.00	48.31 -0.44 0.00	52.44 -0.05 0.00	54.85 -0.05 0.00	57.59 0.17 0.00	62.06 0.55 0.00	64.50 0.26 0.00	77.08 0.99 0.00	83.86 0.91 0.00	89.38 1.92 0.00	83.12 2.50 0.00	77.72 0.92 0.00	68.02 0.34 0.00	57.46 0.34 0.00	54.62 0.86 0.00
BARON_WINDS____WT_PWR 323822	55.78 0.00 0.00	48.23 0.29 0.00	42.11 -0.04 0.00	40.69 0.00 0.00	39.93 -0.53 0.00	39.52 -0.48 0.00	42.14 -0.56 0.00	38.41 -0.58 0.00	41.37 -1.15 0.00	46.02 -1.08 0.00	48.02 -0.73 0.00	52.13 -0.36 0.00	54.52 -0.38 0.00	57.19 -0.23 0.00	61.63 0.12 0.00	64.24 0.00 0.00	76.70 0.61 0.00	83.86 0.91 0.00	89.30 1.84 0.00	83.20 2.58 0.00	78.26 1.46 0.00	68.62 0.95 0.00	57.74 0.63 0.00	54.83 1.07 0.00
BARRETT_IC_1 23704	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_10 23701	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	79.14 4.48 8.28	91.12 3.67 0.02	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_11 23702	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	79.14 4.48 8.28	91.12 3.67 0.02	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_12 23703	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	79.14 4.48 8.28	91.12 3.67 0.02	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_2 23705	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_3 23706	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_4 23707	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_5 23708	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00

BARRETT_IC_6 23709	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_7 23710	59.91 4.13 0.00	52.02 4.08 0.00	45.87 3.71 0.00	44.15 3.46 0.00	43.82 3.36 0.00	43.28 3.28 0.00	45.94 3.24 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.64 3.91 -5.62	82.61 3.75 -30.10	85.04 3.88 -28.66	58.47 3.57 0.00	60.58 3.16 0.00	64.33 2.83 0.00	67.20 2.96 0.00	79.44 3.35 0.00	87.88 4.23 -0.71	91.05 3.59 0.00	82.95 2.34 0.01	78.15 1.61 0.26	68.31 0.88 0.24	59.00 1.88 0.00	56.39 2.63 0.00
BARRETT_IC_8 23711	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT_IC_9 23700	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	79.14 4.48 8.28	91.12 3.67 0.02	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT___1 23545	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	88.13 4.48 -0.71	91.14 3.67 0.00	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BARRETT___2 23546	59.92 4.13 -0.01	52.02 4.07 -0.01	45.84 3.67 -0.02	44.12 3.42 -0.02	43.79 3.32 -0.01	43.28 3.28 0.00	45.90 3.20 0.00	42.15 3.16 0.00	53.22 3.57 -7.13	56.59 3.86 -5.62	82.61 3.75 -30.10	84.99 3.83 -28.66	58.74 3.84 0.00	60.58 3.16 -0.01	64.34 2.83 -0.01	67.21 2.96 -0.01	79.68 3.58 -0.01	79.14 4.48 8.28	91.12 3.67 0.02	83.03 2.42 0.01	78.31 1.77 0.26	68.25 0.82 0.24	58.48 1.37 0.00	56.28 2.53 0.00
BATAVIA___115KV_TB1 55881	56.06 0.28 0.00	48.47 0.53 0.00	42.16 0.00 0.00	40.61 -0.08 0.00	39.61 -0.85 0.00	39.36 -0.64 0.00	41.50 -1.20 0.00	38.17 -0.82 0.00	41.16 -1.36 0.00	45.74 -1.37 0.00	48.56 -0.20 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.88 0.46 0.00	62.43 0.92 0.00	64.82 0.58 0.00	77.62 1.52 0.00	84.77 1.82 0.00	89.56 2.10 0.00	84.41 3.79 0.00	78.72 1.92 0.00	69.16 1.49 0.00	58.37 1.26 0.00	55.32 1.56 0.00
BAYONEEC___CTG1 323682	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG10 323750	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG2 323683	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG3 323684	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG4 323685	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG5 323686	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG6 323687	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG7 323688	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00

BAYONEEC___CTG8 323689	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BAYONEEC___CTG9 323749	59.19 3.40 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.08 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.75 3.26 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	59.61 3.27 7.91	78.13 4.49 2.45	74.11 5.39 14.22	72.16 4.63 19.93	59.69 3.63 24.56	64.21 2.84 15.43	69.43 1.76 0.00	58.99 1.88 0.00	56.18 2.42 0.00
BEACON___LESR 323632	57.29 1.51 0.00	49.38 1.44 0.00	43.67 1.52 0.00	42.32 1.63 0.00	42.08 1.62 0.00	41.60 1.60 0.00	44.36 1.66 0.00	40.44 1.44 0.00	43.45 0.93 0.00	47.85 0.75 0.00	49.39 0.63 0.00	53.07 0.58 0.00	55.39 0.49 0.00	57.83 0.40 0.00	61.81 0.31 0.00	64.69 0.45 0.00	77.01 0.92 0.00	84.60 1.66 0.00	89.12 1.66 0.00	81.99 1.37 0.00	77.87 1.07 0.00	68.35 0.68 0.00	57.74 0.63 0.00	54.45 0.70 0.00
BEAVER RIVER___HYD 24048	57.46 1.67 0.00	49.09 1.15 0.00	42.79 0.63 0.00	41.18 0.49 0.00	41.07 0.61 0.00	40.64 0.64 0.00	43.21 0.51 0.00	39.27 0.27 0.00	42.99 0.47 0.00	47.48 0.38 0.00	49.14 0.39 0.00	52.97 0.47 0.00	55.34 0.44 0.00	58.11 0.69 0.00	62.30 0.80 0.00	64.88 0.64 0.00	77.54 1.44 0.00	84.19 1.25 0.00	90.00 2.54 0.00	83.68 3.06 0.00	79.64 2.84 0.00	70.04 2.37 0.00	58.82 1.71 0.00	55.00 1.24 0.00
BEEBEE_GT_13 23619	55.51 -0.28 0.00	47.89 -0.05 0.00	41.78 -0.38 0.00	40.36 -0.33 0.00	39.61 -0.85 0.00	39.16 -0.84 0.00	41.63 -1.07 0.00	38.21 -0.78 0.00	41.37 -1.15 0.00	46.02 -1.08 0.00	48.56 -0.20 0.00	52.71 0.21 0.00	55.12 0.22 0.00	57.94 0.52 0.00	62.43 0.92 0.00	64.95 0.71 0.00	77.46 1.37 0.00	84.44 1.49 0.00	89.04 1.57 0.00	83.20 2.58 0.00	77.95 1.15 0.00	68.56 0.88 0.00	57.80 0.69 0.00	54.67 0.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.35 3.57 0.00	51.87 3.93 0.00	45.91 3.75 0.00	44.11 3.42 0.00	43.66 3.20 0.00	43.04 3.20 0.00	45.90 3.20 0.00	42.00 3.00 0.00	45.58 3.06 0.00	50.40 3.30 0.00	52.02 3.27 0.00	55.80 3.31 0.00	58.52 3.62 0.00	61.03 3.62 0.01	65.25 3.75 0.01	60.05 3.73 7.92	78.58 4.95 2.46	74.69 5.97 14.23	72.94 5.42 19.94	60.24 4.19 24.57	64.74 3.38 15.44	69.97 2.30 0.01	59.40 2.28 0.00	56.28 2.53 0.00
BETHLEHEM___GRP 23843	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.60 1.13 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.94 0.00	42.86 0.34 0.00	47.24 0.14 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.91 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.46 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.71 -0.40 0.00	53.54 -0.22 0.00
BETHLEHEM___GS1 323560	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.55 1.09 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.93 0.00	42.86 0.34 0.00	47.15 0.05 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.90 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.45 0.00	83.03 0.08 0.00	87.37 -0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.65 -0.46 0.00	53.54 -0.21 0.00
BETHLEHEM___GS2 323561	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.55 1.09 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.93 0.00	42.86 0.34 0.00	47.15 0.05 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.90 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.45 0.00	83.03 0.08 0.00	87.37 -0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.65 -0.46 0.00	53.54 -0.21 0.00
BETHLEHEM___GS3 323562	56.34 0.56 0.00	48.56 0.62 0.00	43.00 0.84 0.00	41.75 1.06 0.00	41.55 1.09 0.00	41.08 1.08 0.00	43.80 1.11 0.00	39.93 0.93 0.00	42.86 0.34 0.00	47.15 0.05 0.00	48.66 -0.10 0.00	52.29 -0.21 0.00	54.57 -0.33 0.00	56.90 -0.52 0.00	60.77 -0.74 0.00	63.60 -0.64 0.00	75.64 -0.45 0.00	83.03 0.08 0.00	87.37 -0.09 0.00	80.38 -0.24 0.00	76.34 -0.46 0.00	67.07 -0.61 0.00	56.65 -0.46 0.00	53.54 -0.21 0.00
BETHLEHEM___STEEL 23779	54.95 -0.84 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.68 -1.32 0.00	40.99 -1.71 0.00	37.71 -1.29 0.00	40.73 -1.79 0.00	45.36 -1.74 0.00	48.07 -0.68 0.00	52.13 -0.37 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.75 0.25 0.00	64.18 -0.06 0.00	76.63 0.53 0.00	83.44 0.50 0.00	87.90 0.44 0.00	82.72 2.10 0.00	77.03 0.23 0.00	67.54 -0.14 0.00	57.17 0.06 0.00	54.30 0.54 0.00
BETHLHEM_115KV_TB1 79974	56.45 0.67 0.00	48.71 0.77 0.00	43.08 0.93 0.00	41.79 1.10 0.00	41.60 1.13 0.00	41.12 1.12 0.00	43.85 1.15 0.00	39.93 0.94 0.00	42.94 0.43 0.00	47.38 0.28 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.74 -0.16 0.00	57.08 -0.34 0.00	60.95 -0.55 0.00	63.79 -0.45 0.00	75.86 -0.23 0.00	83.19 0.25 0.00	87.81 0.35 0.00	80.54 -0.08 0.00	76.49 -0.31 0.00	67.27 -0.41 0.00	56.83 -0.29 0.00	53.65 -0.11 0.00
BETHPAGE_CC_5 323564	60.26 4.46 -0.01	52.21 4.27 -0.01	45.96 3.80 -0.01	44.20 3.50 -0.01	43.79 3.32 -0.01	43.28 3.28 0.00	45.85 3.16 0.00	42.15 3.16 0.00	46.83 3.57 -0.74	51.61 3.91 -0.60	56.20 3.90 -3.54	59.69 3.83 -3.36	58.91 4.01 0.00	60.58 3.16 0.00	64.26 2.83 0.07	67.13 2.89 0.00	79.59 3.50 0.00	87.35 4.64 0.24	91.31 3.84 0.00	83.02 2.42 0.01	73.32 1.69 5.17	63.67 0.82 4.82	58.43 1.31 0.00	56.44 2.69 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	55.00 -0.78 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.68 -1.32 0.00	41.03 -1.67 0.00	37.74 -1.25 0.00	40.78 -1.74 0.00	45.45 -1.65 0.00	48.17 -0.59 0.00	52.29 -0.21 0.00	54.74 -0.16 0.00	57.42 0.00 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.85 0.76 0.00	83.69 0.75 0.00	88.16 0.70 0.00	82.96 2.34 0.00	77.26 0.46 0.00	67.74 0.07 0.00	57.23 0.11 0.00	54.35 0.59 0.00
BINGHAMTON___COGEN 23790	56.34 0.56 0.00	48.56 0.62 0.00	42.54 0.38 0.00	41.06 0.37 0.00	40.66 0.20 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.19 0.19 0.00	42.48 -0.04 0.00	47.05 -0.05 0.00	49.00 0.24 0.00	52.92 0.42 0.00	55.34 0.44 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.45 0.00	84.85 1.91 0.00	89.39 1.92 0.00	82.88 2.26 0.00	78.26 1.46 0.00	68.69 1.02 0.00	57.85 0.74 0.00	54.73 0.97 0.00

BIXINCNT_115KV_LOAD 355685	55.06 -0.73 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.76 -1.24 0.00	41.24 -1.45 0.00	37.90 -1.09 0.00	40.95 -1.57 0.00	45.69 -1.41 0.00	48.36 -0.39 0.00	52.39 -0.10 0.00	54.90 0.00 0.00	57.65 0.23 0.00	62.12 0.62 0.00	64.63 0.39 0.00	77.16 1.07 0.00	84.02 1.08 0.00	88.60 1.14 0.00	83.36 2.74 0.00	77.64 0.84 0.00	68.01 0.34 0.00	57.40 0.29 0.00	54.46 0.70 0.00
BLACK RIVER___HYD 24047	58.07 2.29 0.00	49.48 1.53 0.00	43.21 1.05 0.00	41.58 0.89 0.00	41.43 0.97 0.00	41.04 1.04 0.00	43.55 0.85 0.00	39.46 0.47 0.00	42.94 0.43 0.00	47.39 0.28 0.00	49.00 0.24 0.00	52.87 0.37 0.00	55.12 0.22 0.00	58.05 0.63 0.00	62.24 0.74 0.00	64.95 0.71 0.00	77.92 1.82 0.00	85.10 2.15 0.00	91.40 3.94 0.00	85.21 4.59 0.00	81.10 4.30 0.00	71.19 3.52 0.00	59.74 2.63 0.00	55.80 2.04 0.00
BLACKRVR_115KV_TB2 79977	58.07 2.29 0.00	49.48 1.53 0.00	43.21 1.05 0.00	41.58 0.90 0.00	41.43 0.97 0.00	41.04 1.04 0.00	43.55 0.85 0.00	39.46 0.47 0.00	42.94 0.43 0.00	47.38 0.28 0.00	49.00 0.24 0.00	52.76 0.26 0.00	55.12 0.22 0.00	58.05 0.63 0.00	62.24 0.74 0.00	64.95 0.71 0.00	77.92 1.83 0.00	85.10 2.16 0.00	91.31 3.85 0.00	85.30 4.68 0.00	81.10 4.30 0.00	71.19 3.52 0.00	59.74 2.63 0.00	55.80 2.04 0.00
BLDWN_LI_69_KV_BK4 356085	60.58 4.80 0.00	52.50 4.55 0.00	46.20 4.05 0.00	44.43 3.74 0.00	44.06 3.60 0.00	43.52 3.52 0.00	46.19 3.50 0.00	42.38 3.39 0.00	48.67 3.83 -2.32	53.23 4.29 -1.84	63.31 4.19 -10.37	66.77 4.41 -9.86	59.13 4.23 0.00	61.33 3.90 0.00	64.95 3.44 0.00	67.90 3.66 0.00	80.28 4.19 0.00	88.25 5.31 0.00	92.18 4.72 0.00	83.92 3.31 0.01	76.11 2.46 3.15	66.43 1.69 2.94	59.68 2.57 0.00	56.98 3.23 0.00
BLISS_WT_PWR 323608	55.00 -0.78 0.00	47.66 -0.29 0.00	41.48 -0.68 0.00	40.16 -0.53 0.00	39.09 -1.38 0.00	38.76 -1.24 0.00	41.29 -1.41 0.00	37.90 -1.09 0.00	40.99 -1.53 0.00	46.07 -1.04 0.00	48.36 -0.39 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.65 0.23 0.00	62.12 0.61 0.00	64.63 0.39 0.00	77.16 1.06 0.00	83.94 1.00 0.00	89.56 2.10 0.00	83.20 2.58 0.00	77.80 1.00 0.00	68.02 0.34 0.00	57.40 0.29 0.00	54.51 0.75 0.00
BLUESTONE___WT_PWR 323821	59.13 3.35 0.00	50.96 3.02 0.00	44.69 2.53 0.00	43.05 2.36 0.00	42.77 2.31 0.00	42.40 2.40 0.00	45.26 2.56 0.00	41.10 2.10 0.00	44.43 1.92 0.00	49.17 2.07 0.00	50.95 2.20 0.00	55.12 2.62 0.00	57.64 2.74 0.00	60.64 3.21 0.00	65.13 3.63 0.00	68.03 3.79 0.00	81.65 5.55 0.00	89.42 6.47 0.00	95.16 7.70 0.00	87.96 7.34 0.00	83.02 6.22 0.00	72.68 5.01 0.00	61.11 4.00 0.00	57.57 3.82 0.00
BLUE_CIRC_CHEM_DRP 24182	57.12 1.34 0.00	49.28 1.34 0.00	43.50 1.35 0.00	42.07 1.38 0.00	41.92 1.46 0.00	41.40 1.40 0.00	44.15 1.45 0.00	40.08 1.09 0.00	43.16 0.64 0.00	47.57 0.47 0.00	49.00 0.24 0.00	52.65 0.16 0.00	54.96 0.05 0.00	57.19 -0.23 0.00	59.97 -1.54 0.00	62.83 -1.41 0.00	74.68 -1.37 0.05	82.03 -0.91 0.00	86.67 -0.79 0.00	79.73 -0.89 0.00	75.80 -1.00 0.00	66.73 -0.95 0.00	56.43 -0.69 0.00	53.22 -0.54 0.00
BOC_GAS_DRP 24189	56.73 0.95 0.00	48.90 0.96 0.00	43.13 0.97 0.00	41.75 1.06 0.00	41.55 1.09 0.00	41.08 1.08 0.00	43.85 1.15 0.00	39.93 0.94 0.00	43.16 0.64 0.00	47.67 0.57 0.00	49.14 0.39 0.00	52.86 0.37 0.00	55.23 0.33 0.00	57.59 0.17 0.00	61.50 0.00 0.00	64.31 0.06 0.00	76.40 0.30 0.00	83.69 0.75 0.00	88.16 0.70 0.00	81.02 0.40 0.00	76.88 0.08 0.00	67.61 -0.07 0.00	57.11 0.00 0.00	53.97 0.22 0.00
BOONVILLE_115KV_TB1 79983	57.51 1.73 0.00	49.33 1.39 0.00	43.17 1.01 0.00	41.58 0.90 0.00	41.43 0.97 0.00	41.00 1.00 0.00	43.63 0.94 0.00	39.73 0.74 0.00	43.33 0.81 0.00	47.90 0.80 0.00	49.58 0.83 0.00	53.44 0.94 0.00	55.89 0.99 0.00	58.69 1.26 0.00	62.92 1.41 0.00	65.66 1.41 0.00	78.38 2.28 0.00	85.35 2.41 0.00	90.70 3.24 0.00	83.93 3.31 0.00	79.72 2.92 0.00	70.04 2.37 0.00	58.82 1.71 0.00	55.21 1.45 0.00
BORALEX_4TH_BRANCH 23824	58.35 2.57 0.00	50.29 2.35 0.00	44.35 2.19 0.00	42.72 2.03 0.00	42.49 2.02 0.00	42.04 2.04 0.00	44.79 2.09 0.00	40.94 1.95 0.00	44.22 1.70 0.00	48.70 1.60 0.00	50.02 1.27 0.00	53.76 1.26 0.00	56.00 1.10 0.00	58.74 1.32 0.00	62.79 1.29 0.00	65.78 1.54 0.00	78.38 2.28 0.00	86.43 3.48 0.00	91.49 4.02 0.00	83.85 3.22 0.00	79.56 2.76 0.00	69.91 2.23 0.00	59.05 1.94 0.00	55.59 1.83 0.00
BOWLINE___1 23526	58.52 2.73 0.00	50.62 2.68 0.00	44.56 2.40 0.00	42.89 2.20 0.00	42.56 2.10 0.00	42.12 2.12 0.00	45.08 2.39 0.00	41.29 2.30 0.00	44.77 2.25 0.00	49.55 2.45 0.00	51.19 2.44 0.00	55.02 2.52 0.00	57.59 2.69 0.00	60.01 2.59 0.00	64.15 2.64 0.00	66.94 2.70 0.00	79.82 3.73 0.00	87.50 4.56 0.00	91.49 4.03 0.00	83.76 3.14 0.00	79.26 2.46 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.64 1.88 0.00
BOWLINE___2 23595	58.41 2.62 0.00	50.58 2.64 0.00	44.52 2.36 0.00	42.84 2.16 0.00	42.52 2.06 0.00	42.08 2.08 0.00	45.04 2.35 0.00	41.25 2.26 0.00	44.73 2.21 0.00	49.46 2.35 0.00	51.09 2.34 0.00	54.91 2.42 0.00	57.54 2.64 0.00	59.89 2.47 0.00	64.09 2.58 0.00	66.81 2.57 0.00	79.67 3.58 0.00	87.34 4.39 0.00	91.31 3.84 0.00	83.61 2.98 0.00	79.18 2.38 0.00	69.10 1.42 0.00	58.54 1.43 0.00	55.59 1.83 0.00
BRADY___115KV_TB2 356060	56.40 0.61 0.00	48.23 0.29 0.00	42.37 0.21 0.00	40.85 0.16 0.00	40.79 0.32 0.00	40.28 0.28 0.00	42.95 0.26 0.00	39.15 0.16 0.00	43.07 0.55 0.00	47.86 0.75 0.00	49.44 0.68 0.00	53.02 0.52 0.00	55.56 0.66 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.69 0.45 0.00	76.47 0.38 0.00	82.70 -0.25 0.00	87.81 0.35 0.00	81.51 0.89 0.00	78.57 1.77 0.00	69.50 1.83 0.00	58.65 1.54 0.00	54.78 1.02 0.00
BRANSCOMB___SOLAR 323811	58.63 2.84 0.00	50.48 2.54 0.00	44.47 2.32 0.00	42.84 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.91 2.22 0.00	40.90 1.91 0.00	44.09 1.57 0.00	48.56 1.46 0.00	49.82 1.07 0.00	53.49 0.99 0.00	55.89 0.99 0.00	58.63 1.21 0.00	62.73 1.23 0.00	65.78 1.54 0.00	78.45 2.36 0.00	86.35 3.40 0.00	91.57 4.11 0.00	84.57 3.95 0.00	80.64 3.84 0.00	70.79 3.11 0.00	59.62 2.51 0.00	56.12 2.36 0.00
BRDGHMPT_69_KV_BK1 55812	61.64 5.86 0.00	53.22 5.27 0.00	46.71 4.55 0.00	44.80 4.11 0.00	44.27 3.80 0.00	43.68 3.68 0.00	46.07 3.37 0.00	42.38 3.39 0.00	46.92 4.12 -0.28	52.19 4.85 -0.23	55.19 5.07 -1.36	58.92 5.14 -1.28	60.06 5.16 0.00	62.30 4.88 0.00	65.79 4.49 0.20	69.12 4.88 0.00	81.33 5.25 0.01	89.41 6.80 0.33	93.85 6.38 0.00	84.88 4.27 0.02	73.45 3.00 6.35	63.78 2.03 5.92	60.77 3.66 0.00	57.84 4.09 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	61.31 5.52 0.00	53.02 5.08 0.00	46.62 4.47 0.00	44.80 4.11 0.00	44.39 3.92 0.00	43.80 3.80 0.00	46.37 3.67 0.00	42.54 3.55 0.00	46.93 4.08 -0.33	51.99 4.62 -0.27	54.97 4.63 -1.58	58.50 4.51 -1.49	59.13 4.23 0.00	61.10 3.68 0.00	64.44 3.20 0.26	67.65 3.40 0.00	79.43 3.35 0.01	87.19 4.56 0.32	91.48 4.02 0.00	83.02 2.42 0.02	72.57 2.00 6.23	63.01 1.15 5.81	59.85 2.74 0.00	57.31 3.55 0.00
BRISTLHL_115KV_TB1 79998	55.00 -0.78 0.00	47.37 -0.58 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.77 -0.69 0.00	39.32 -0.68 0.00	41.97 -0.73 0.00	38.37 -0.62 0.00	41.63 -0.89 0.00	46.07 -1.04 0.00	47.88 -0.88 0.00	51.60 -0.89 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.77 -0.74 0.00	63.47 -0.77 0.00	75.48 -0.61 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.62 0.00 0.00	76.34 -0.46 0.00	67.13 -0.54 0.00	56.54 -0.57 0.00	53.27 -0.48 0.00
BROOKHAVEN___DRP 24191	60.58 4.80 0.00	52.40 4.46 0.00	46.08 3.92 0.00	44.23 3.54 0.00	43.78 3.32 0.00	43.20 3.20 0.00	45.68 2.99 0.00	41.96 2.96 0.00	46.24 3.44 -0.28	51.34 4.00 -0.23	54.11 4.00 -1.36	57.61 3.83 -1.28	58.52 3.62 0.00	60.58 3.16 0.00	63.89 2.58 0.20	67.00 2.76 0.00	78.82 2.74 0.01	86.68 4.06 0.33	90.96 3.50 0.00	82.46 1.85 0.02	71.53 1.08 6.35	62.16 0.41 5.92	59.17 2.06 0.00	56.55 2.80 0.00
BROOKLYN_NAVY_YARD 23515	59.24 3.46 0.00	51.40 3.45 0.00	45.23 3.08 0.00	43.46 2.77 0.00	43.09 2.63 0.00	42.68 2.68 0.00	45.73 3.03 0.00	41.95 2.96 0.00	45.58 3.06 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.81 3.31 0.00	58.42 3.52 0.00	60.64 3.21 0.00	64.82 3.32 0.00	67.52 3.27 0.00	80.58 4.49 0.00	88.52 5.39 -0.19	92.09 4.63 0.00	84.25 3.63 0.00	79.64 2.84 0.00	69.37 1.69 0.00	59.11 2.00 0.00	56.23 2.47 0.00
BROOKLYN___ARMY_DRP 323595	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
BROOME_2_LFGE 323671	56.34 0.56 0.00	48.56 0.62 0.00	42.58 0.42 0.00	41.10 0.41 0.00	40.67 0.20 0.00	40.24 0.24 0.00	43.03 0.34 0.00	39.19 0.20 0.00	42.48 -0.04 0.00	47.10 0.00 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.34 0.44 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.44 0.00	84.77 1.82 0.00	89.65 2.19 0.00	82.88 2.25 0.00	78.34 1.54 0.00	68.69 1.02 0.00	57.85 0.74 0.00	54.73 0.97 0.00
BROOME___LFGE 323600	56.34 0.56 0.00	48.56 0.62 0.00	42.58 0.42 0.00	41.10 0.41 0.00	40.67 0.20 0.00	40.24 0.24 0.00	43.03 0.34 0.00	39.19 0.20 0.00	42.48 -0.04 0.00	47.10 0.00 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.34 0.44 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.44 0.00	84.77 1.82 0.00	89.65 2.19 0.00	82.88 2.25 0.00	78.34 1.54 0.00	68.69 1.02 0.00	57.85 0.74 0.00	54.73 0.97 0.00
BROWNFLS_115KV_TB 3_5 80003	56.62 0.84 0.00	48.37 0.43 0.00	42.28 0.13 0.00	40.73 0.04 0.00	40.70 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.53 0.42 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.62 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.14 0.00	82.31 1.69 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
BROWNSV1_27_KV_LOAD 356125	59.91 4.13 0.00	51.97 4.03 0.00	45.74 3.58 0.00	43.94 3.26 0.00	43.58 3.12 0.00	43.12 3.12 0.00	46.19 3.50 0.00	42.35 3.35 0.00	46.01 3.49 0.00	51.01 3.91 0.00	52.56 3.80 0.00	56.49 3.99 0.00	59.18 4.28 0.00	61.44 4.02 0.00	65.69 4.18 0.00	68.42 4.18 0.00	81.57 5.48 0.00	89.50 6.55 0.00	93.50 6.03 0.00	85.30 4.68 0.00	80.64 3.84 0.00	70.31 2.64 0.00	59.74 2.63 0.00	56.88 3.12 0.00
BURROWS___LYONSDAL 23803	57.51 1.73 0.00	49.33 1.39 0.00	43.08 0.93 0.00	41.50 0.81 0.00	41.31 0.85 0.00	40.88 0.88 0.00	43.50 0.81 0.00	39.62 0.62 0.00	43.28 0.77 0.00	47.86 0.75 0.00	49.48 0.73 0.00	53.34 0.84 0.00	55.78 0.88 0.00	58.57 1.15 0.00	62.79 1.29 0.00	65.53 1.28 0.00	78.22 2.13 0.00	85.02 2.07 0.00	90.52 3.06 0.00	83.85 3.22 0.00	79.64 2.84 0.00	69.98 2.30 0.00	58.77 1.66 0.00	55.10 1.34 0.00
CAITHNESS_CC_1 323624	60.53 4.74 -0.01	52.41 4.46 -0.01	46.04 3.88 -0.01	44.20 3.50 -0.01	43.75 3.28 -0.01	43.20 3.20 0.00	45.60 2.90 0.00	41.95 2.96 0.00	46.24 3.44 -0.28	51.24 3.91 -0.23	54.10 4.00 -1.35	57.55 3.78 -1.27	58.80 3.90 0.00	60.46 3.04 0.00	63.77 2.46 0.20	66.88 2.63 0.00	78.97 2.89 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.52 1.07 6.35	62.02 0.27 5.93	58.31 1.20 0.00	56.34 2.58 0.00
CALPINE BETH_PAGE_GT4 24209	60.19 4.41 0.00	52.11 4.17 0.00	45.91 3.75 0.00	44.15 3.46 0.00	43.78 3.32 0.00	43.24 3.24 0.00	45.90 3.20 0.00	42.11 3.12 0.00	46.99 3.53 -0.94	51.76 3.91 -0.75	57.09 3.85 -4.48	60.64 3.88 -4.25	58.58 3.68 0.00	60.64 3.22 0.00	64.39 2.89 0.00	67.26 3.02 0.00	79.44 3.35 0.00	87.23 4.48 0.20	91.40 3.94 0.00	83.11 2.50 0.01	73.84 1.69 4.64	64.29 0.95 4.33	59.11 2.00 0.00	56.55 2.80 0.00
CALPINE_BETH_PAGE_GT_4 323586	60.20 4.41 -0.01	52.12 4.17 -0.01	45.92 3.75 -0.01	44.12 3.42 -0.01	43.75 3.28 -0.01	43.24 3.24 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.98 3.53 -0.94	51.72 3.86 -0.75	57.09 3.85 -4.48	60.58 3.83 -4.25	58.91 4.01 0.00	60.64 3.21 0.00	64.39 2.89 0.00	67.20 2.96 0.00	79.67 3.58 0.00	87.47 4.73 0.20	91.49 4.03 0.00	83.19 2.58 0.01	73.92 1.77 4.64	64.22 0.88 4.33	58.48 1.37 0.00	56.39 2.63 0.00
CALPINE_BP_GT1 23823	60.20 4.41 -0.01	52.12 4.17 -0.01	45.92 3.75 -0.01	44.12 3.42 -0.01	43.75 3.28 -0.01	43.24 3.24 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.98 3.53 -0.94	51.72 3.86 -0.75	57.09 3.85 -4.48	60.58 3.83 -4.25	58.91 4.01 0.00	60.64 3.21 0.00	64.39 2.89 0.00	67.20 2.96 0.00	79.67 3.58 0.00	87.47 4.73 0.20	91.49 4.03 0.00	83.19 2.58 0.01	73.92 1.77 4.64	64.22 0.88 4.33	58.48 1.37 0.00	56.39 2.63 0.00
CALSPAN___DRP 24200	54.95 -0.84 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.68 -1.32 0.00	40.99 -1.71 0.00	37.71 -1.29 0.00	40.73 -1.79 0.00	45.36 -1.74 0.00	48.07 -0.68 0.00	52.13 -0.37 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.75 0.25 0.00	64.18 -0.06 0.00	76.63 0.53 0.00	83.44 0.50 0.00	87.90 0.44 0.00	82.72 2.10 0.00	77.03 0.23 0.00	67.54 -0.14 0.00	57.17 0.06 0.00	54.30 0.54 0.00

CALVERTON___SOLAR 323806	60.70 4.91 -0.01	52.51 4.56 -0.01	46.13 3.96 -0.01	44.28 3.58 -0.01	43.79 3.32 -0.01	43.24 3.24 0.00	45.64 2.94 0.00	42.00 3.00 0.00	46.32 3.53 -0.28	51.34 4.00 -0.23	54.21 4.10 -1.36	57.71 3.94 -1.28	59.07 4.17 0.00	60.75 3.33 0.00	64.13 2.83 0.20	67.26 3.02 0.00	79.43 3.34 0.01	87.42 4.81 0.33	91.57 4.11 0.00	82.94 2.34 0.02	71.91 1.46 6.35	62.36 0.61 5.92	58.59 1.48 0.00	56.50 2.74 0.00
CANDIGU_WT_PWR 323617	55.78 0.00 0.00	48.23 0.29 0.00	42.11 -0.04 0.00	40.69 0.00 0.00	39.93 -0.53 0.00	39.52 -0.48 0.00	42.14 -0.56 0.00	38.41 -0.58 0.00	41.37 -1.15 0.00	46.02 -1.08 0.00	48.02 -0.73 0.00	52.13 -0.36 0.00	54.52 -0.38 0.00	57.19 -0.23 0.00	61.63 0.12 0.00	64.24 0.00 0.00	76.70 0.61 0.00	83.86 0.91 0.00	89.30 1.84 0.00	83.20 2.58 0.00	78.26 1.46 0.00	68.62 0.95 0.00	57.74 0.63 0.00	54.83 1.07 0.00
CARR STREET_E_SYR 24060	55.34 -0.45 0.00	47.66 -0.29 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.48 0.00	39.52 -0.48 0.00	42.18 -0.51 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.40 -0.71 0.00	48.17 -0.58 0.00	52.02 -0.47 0.00	54.41 -0.50 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.28 0.33 0.00	87.99 0.53 0.00	81.26 0.64 0.00	76.95 0.15 0.00	67.61 -0.07 0.00	56.94 -0.17 0.00	53.70 -0.05 0.00
CARTHAGE___PAPER 23857	57.74 1.95 0.00	49.24 1.29 0.00	42.95 0.80 0.00	41.34 0.65 0.00	41.23 0.77 0.00	40.80 0.80 0.00	43.34 0.64 0.00	39.34 0.35 0.00	42.99 0.47 0.00	47.43 0.33 0.00	49.05 0.29 0.00	52.81 0.32 0.00	55.18 0.28 0.00	58.00 0.57 0.00	62.12 0.61 0.00	64.82 0.58 0.00	77.54 1.44 0.00	84.44 1.49 0.00	90.52 3.06 0.00	84.33 3.71 0.00	80.33 3.53 0.00	70.58 2.91 0.00	59.28 2.17 0.00	55.37 1.61 0.00
CASSADAGA_WT_PWR 323784	56.29 0.50 0.00	48.76 0.81 0.00	42.45 0.30 0.00	41.01 0.32 0.00	39.93 -0.53 0.00	39.56 -0.44 0.00	42.14 -0.56 0.00	38.64 -0.35 0.00	41.80 -0.72 0.00	46.96 -0.14 0.00	49.34 0.59 0.00	53.60 1.10 0.00	56.16 1.26 0.00	58.91 1.49 0.00	63.53 2.03 0.00	66.11 1.86 0.00	78.98 2.89 0.00	85.93 2.98 0.00	91.66 4.20 0.00	85.30 4.67 0.00	79.64 2.84 0.00	69.50 1.83 0.00	58.59 1.48 0.00	55.26 1.50 0.00
CE_DUNWOOD___DRP 24194	58.96 3.18 0.00	51.06 3.12 0.00	44.94 2.78 0.00	43.25 2.56 0.00	42.93 2.47 0.00	42.48 2.48 0.00	45.47 2.78 0.00	41.61 2.61 0.00	45.16 2.64 0.00	50.02 2.92 0.00	51.63 2.88 0.00	55.49 2.99 0.00	58.08 3.18 0.00	60.41 2.99 0.00	64.58 3.08 0.00	67.33 3.08 0.00	80.20 4.11 0.00	88.00 5.06 0.00	92.10 4.64 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.57 1.89 0.00	59.00 1.88 0.00	56.02 2.26 0.00
CE_MILLWOOD___DRP 24193	58.80 3.01 0.00	50.91 2.97 0.00	44.81 2.66 0.00	43.13 2.44 0.00	42.81 2.35 0.00	42.36 2.36 0.00	45.34 2.65 0.00	41.49 2.50 0.00	45.03 2.51 0.00	49.88 2.78 0.00	51.43 2.68 0.00	55.33 2.83 0.00	57.86 2.96 0.00	60.24 2.81 0.00	64.39 2.89 0.00	67.13 2.89 0.00	79.97 3.88 0.00	87.84 4.89 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.88 1.77 0.00	55.91 2.15 0.00
CE_NYC2_DRP 24202	58.91 3.12 0.00	51.49 3.55 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.80 2.80 0.00	45.68 2.99 0.00	41.80 2.81 0.00	45.37 2.85 0.00	50.21 3.11 0.00	51.78 3.02 0.00	55.54 3.04 0.00	58.08 3.18 0.00	59.71 2.93 0.64	59.21 2.95 5.24	59.21 2.89 7.92	60.06 3.96 19.99	61.05 4.89 26.78	59.78 4.29 31.97	59.20 3.14 24.57	59.12 2.38 20.06	59.17 1.49 9.99	58.71 1.60 0.00	55.96 2.20 0.00
CE_NYC_DRP 24195	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.25 2.79 0.00	42.80 2.80 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.59 3.49 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.81 4.72 0.00	88.67 5.72 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
CHAFFEE___LFGE 323603	55.06 -0.73 0.00	47.70 -0.24 0.00	41.52 -0.63 0.00	40.24 -0.45 0.00	39.13 -1.33 0.00	38.76 -1.24 0.00	41.11 -1.58 0.00	37.74 -1.25 0.00	40.86 -1.66 0.00	45.88 -1.22 0.00	48.17 -0.58 0.00	52.34 -0.16 0.00	54.74 -0.16 0.00	57.48 0.06 0.00	61.99 0.49 0.00	64.44 0.19 0.00	76.93 0.84 0.00	83.69 0.74 0.00	89.30 1.84 0.00	82.96 2.34 0.00	77.49 0.69 0.00	67.81 0.14 0.00	57.34 0.23 0.00	54.51 0.75 0.00
CHATEAUG_35_KV_LOAD 355732	55.73 -0.06 0.00	47.75 -0.19 0.00	41.99 -0.17 0.00	40.53 -0.16 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.57 -0.13 0.00	38.91 -0.08 0.00	42.86 0.34 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.81 0.31 0.00	55.34 0.44 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.86 -0.23 0.00	82.11 -0.83 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	77.11 0.31 0.00	68.08 0.41 0.00	57.40 0.29 0.00	53.92 0.16 0.00
CHATEAUG_WT_PWR 323614	55.67 -0.11 0.00	47.70 -0.24 0.00	41.95 -0.21 0.00	40.49 -0.20 0.00	40.30 -0.16 0.00	39.80 -0.20 0.00	42.52 -0.17 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.52 0.42 0.00	49.24 0.49 0.00	52.81 0.32 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.87 -0.23 0.00	82.11 -0.83 0.00	86.67 -0.79 0.00	80.06 -0.56 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.28 0.17 0.00	53.87 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	55.73 -0.06 0.00	47.75 -0.19 0.00	41.99 -0.17 0.00	40.53 -0.16 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.57 -0.13 0.00	38.91 -0.08 0.00	42.86 0.34 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.81 0.31 0.00	55.34 0.44 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.86 -0.23 0.00	82.11 -0.83 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	77.11 0.31 0.00	68.08 0.41 0.00	57.40 0.29 0.00	53.92 0.16 0.00
CHAUTAUQUA___LFGE 323629	55.90 0.11 0.00	48.42 0.48 0.00	42.16 0.00 0.00	40.77 0.08 0.00	39.69 -0.77 0.00	39.32 -0.68 0.00	41.84 -0.85 0.00	38.33 -0.66 0.00	41.46 -1.06 0.00	46.54 -0.56 0.00	48.85 0.10 0.00	53.02 0.52 0.00	55.51 0.61 0.00	58.28 0.86 0.00	62.80 1.29 0.00	65.33 1.09 0.00	78.07 1.98 0.00	84.93 1.99 0.00	90.61 3.14 0.00	84.25 3.63 0.00	78.72 1.92 0.00	68.82 1.15 0.00	58.08 0.97 0.00	55.10 1.34 0.00
CHERRYST_13_KV_LD 356241	59.58 3.79 0.00	51.68 3.74 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.38 2.91 0.00	42.96 2.96 0.00	46.02 3.33 0.00	42.15 3.16 0.00	45.84 3.32 0.00	50.78 3.67 0.00	52.31 3.56 0.00	56.22 3.73 0.00	58.85 3.95 0.00	61.15 3.73 0.00	65.32 3.81 0.00	68.03 3.79 0.00	81.19 5.10 0.00	89.00 6.05 0.00	92.97 5.51 0.00	84.89 4.27 0.00	80.18 3.38 0.00	69.98 2.30 0.00	59.45 2.34 0.00	56.55 2.80 0.00

CHESTROR_138KV_BK263 355645	58.18 2.40 0.00	50.29 2.35 0.00	44.26 2.11 0.00	42.60 1.91 0.00	42.32 1.86 0.00	41.84 1.84 0.00	44.79 2.09 0.00	40.90 1.91 0.00	44.35 1.83 0.00	49.13 2.03 0.00	50.70 1.95 0.00	54.54 2.05 0.00	57.10 2.20 0.00	59.55 2.12 0.00	63.78 2.28 0.00	66.55 2.31 0.00	79.29 3.20 0.00	86.93 3.98 0.00	91.22 3.76 0.00	83.52 2.90 0.00	79.03 2.23 0.00	69.16 1.49 0.00	58.54 1.43 0.00	55.48 1.72 0.00
CH_MIDHUDSON___DRP 24192	58.69 2.90 0.00	50.72 2.78 0.00	44.64 2.49 0.00	42.97 2.28 0.00	42.69 2.23 0.00	42.20 2.20 0.00	45.13 2.43 0.00	41.22 2.22 0.00	44.69 2.17 0.00	49.46 2.36 0.00	51.04 2.29 0.00	54.91 2.41 0.00	57.43 2.53 0.00	59.95 2.53 0.00	64.21 2.71 0.00	67.00 2.76 0.00	79.90 3.80 0.00	87.67 4.73 0.00	92.01 4.55 0.00	84.17 3.55 0.00	79.64 2.84 0.00	69.71 2.03 0.00	59.00 1.88 0.00	55.85 2.10 0.00
CH_MISC_IPPS 23765	59.02 3.23 0.00	51.01 3.07 0.00	44.86 2.70 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.36 2.36 0.00	45.30 2.60 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.60 2.49 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.41 2.98 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.71 5.25 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.18 2.51 0.00	59.34 2.23 0.00	56.18 2.42 0.00
CH_RES_BVR_FALLS 23983	55.62 -0.17 0.00	47.70 -0.24 0.00	41.99 -0.17 0.00	40.53 -0.16 0.00	40.30 -0.16 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.84 -0.16 0.00	42.52 0.00 0.00	47.10 0.00 0.00	48.75 0.00 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.11 -0.13 0.00	75.79 -0.30 0.00	82.45 -0.49 0.00	86.94 -0.52 0.00	80.14 -0.48 0.00	76.49 -0.31 0.00	67.47 -0.20 0.00	56.88 -0.23 0.00	53.38 -0.37 0.00
CH_RES_NIAGARA 23895	53.16 -2.62 0.00	46.12 -1.82 0.00	40.17 -1.98 0.00	39.35 -1.34 0.00	38.24 -2.23 0.00	37.48 -2.52 0.00	39.66 -3.03 0.00	36.46 -2.53 0.00	39.42 -3.10 0.00	43.80 -3.30 0.00	46.46 -2.29 0.00	50.40 -2.10 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.54 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	80.12 -2.82 0.00	84.23 -3.24 0.00	79.33 -1.29 0.00	73.96 -2.84 0.00	64.90 -2.77 0.00	55.11 -2.00 0.00	52.52 -1.24 0.00
CH_RES_SYRACUSE 23985	55.34 -0.45 0.00	47.61 -0.33 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.48 0.00	39.52 -0.48 0.00	42.23 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.40 -0.71 0.00	48.17 -0.58 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.25 0.15 0.00	83.36 0.42 0.00	88.08 0.62 0.00	81.35 0.72 0.00	77.03 0.23 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.76 0.00 0.00
CLINTON_WT_PWR 323605	55.67 -0.11 0.00	47.70 -0.24 0.00	41.95 -0.21 0.00	40.49 -0.20 0.00	40.30 -0.16 0.00	39.80 -0.20 0.00	42.52 -0.17 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.52 0.42 0.00	49.24 0.49 0.00	52.81 0.32 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.87 -0.23 0.00	82.11 -0.83 0.00	86.67 -0.79 0.00	80.06 -0.56 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.28 0.17 0.00	53.87 0.11 0.00
CLINTON___LFGE 323618	56.23 0.44 0.00	48.28 0.34 0.00	42.45 0.30 0.00	40.94 0.25 0.00	40.75 0.29 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.30 0.31 0.00	43.24 0.72 0.00	48.04 0.94 0.00	49.78 1.03 0.00	53.33 0.84 0.00	55.94 1.04 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.82 0.58 0.00	76.63 0.54 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.94 0.32 0.00	77.72 0.92 0.00	68.69 1.02 0.00	57.97 0.86 0.00	54.78 1.02 0.00
COBBLENY_34_KV_TB1 80064	55.06 -0.73 0.00	47.70 -0.24 0.00	41.48 -0.67 0.00	40.08 -0.61 0.00	39.01 -1.46 0.00	38.72 -1.28 0.00	41.03 -1.67 0.00	37.74 -1.25 0.00	40.82 -1.70 0.00	45.50 -1.60 0.00	48.17 -0.59 0.00	52.29 -0.21 0.00	54.74 -0.16 0.00	57.48 0.06 0.00	62.00 0.49 0.00	64.43 0.19 0.00	76.93 0.84 0.00	83.77 0.83 0.00	88.25 0.79 0.00	83.12 2.50 0.00	77.41 0.61 0.00	67.81 0.14 0.00	57.34 0.23 0.00	54.40 0.65 0.00
COFFEEN___115KV_TB3 355620	58.41 2.62 0.00	49.67 1.73 0.00	43.38 1.22 0.00	41.75 1.06 0.00	41.60 1.13 0.00	41.20 1.20 0.00	43.68 0.98 0.00	39.58 0.58 0.00	43.03 0.51 0.00	47.43 0.33 0.00	49.05 0.29 0.00	52.81 0.31 0.00	55.12 0.22 0.00	58.11 0.69 0.00	62.30 0.80 0.00	65.01 0.77 0.00	78.07 1.98 0.00	85.43 2.49 0.00	91.84 4.37 0.00	85.86 5.24 0.00	81.64 4.84 0.00	71.74 4.06 0.00	60.08 2.97 0.00	56.12 2.37 0.00
COLDSPRG_115KV_BK1 355956	56.01 0.22 0.00	48.47 0.53 0.00	42.16 0.00 0.00	40.65 -0.04 0.00	39.61 -0.85 0.00	39.32 -0.68 0.00	41.97 -0.73 0.00	38.56 -0.43 0.00	41.63 -0.89 0.00	46.54 -0.57 0.00	49.24 0.49 0.00	53.39 0.89 0.00	56.00 1.10 0.00	58.74 1.32 0.00	63.35 1.85 0.00	65.98 1.73 0.00	78.76 2.66 0.00	85.85 2.90 0.00	90.52 3.06 0.00	85.30 4.68 0.00	79.33 2.53 0.00	69.43 1.76 0.00	58.48 1.37 0.00	55.26 1.51 0.00
COLONIE_LFGE___ 323577	57.90 2.12 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.44 1.75 0.00	40.55 1.56 0.00	43.79 1.27 0.00	48.28 1.18 0.00	49.68 0.92 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.48 0.98 0.00	65.40 1.16 0.00	77.92 1.82 0.00	85.68 2.73 0.00	90.44 2.98 0.00	83.20 2.58 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.59 1.48 0.00	55.21 1.45 0.00
COOPERNY_115KV_TB1 80082	57.51 1.73 0.00	49.67 1.73 0.00	43.67 1.52 0.00	42.11 1.42 0.00	41.88 1.42 0.00	41.40 1.40 0.00	44.27 1.58 0.00	40.40 1.40 0.00	43.88 1.36 0.00	48.56 1.46 0.00	50.17 1.41 0.00	54.07 1.57 0.00	56.55 1.65 0.00	59.03 1.61 0.00	63.23 1.72 0.00	65.98 1.73 0.00	78.53 2.43 0.00	86.01 3.07 0.00	90.35 2.89 0.00	82.88 2.26 0.00	78.49 1.69 0.00	68.83 1.15 0.00	58.20 1.09 0.00	55.10 1.34 0.00
COPENHAGEN_WT_PWR 323753	57.79 2.01 0.00	49.24 1.29 0.00	43.04 0.89 0.00	41.42 0.73 0.00	41.27 0.81 0.00	40.88 0.88 0.00	43.37 0.68 0.00	39.34 0.35 0.00	42.82 0.30 0.00	47.29 0.19 0.00	48.90 0.15 0.00	52.71 0.21 0.00	55.01 0.11 0.00	57.88 0.46 0.00	62.06 0.55 0.00	64.82 0.58 0.00	77.61 1.52 0.00	84.85 1.91 0.00	90.96 3.50 0.00	84.73 4.11 0.00	80.64 3.84 0.00	70.79 3.11 0.00	59.40 2.29 0.00	55.59 1.83 0.00
CORNELL_____ 23752	57.01 1.23 0.00	49.09 1.15 0.00	43.00 0.84 0.00	41.46 0.77 0.00	41.11 0.65 0.00	40.64 0.64 0.00	43.46 0.77 0.00	39.62 0.62 0.00	42.86 0.34 0.00	47.34 0.24 0.00	49.14 0.39 0.00	53.13 0.63 0.00	55.50 0.60 0.00	58.28 0.86 0.00	62.67 1.17 0.00	65.59 1.35 0.00	78.22 2.13 0.00	85.85 2.90 0.00	90.87 3.41 0.00	84.41 3.79 0.00	79.79 3.00 0.00	70.04 2.37 0.00	58.88 1.77 0.00	55.48 1.72 0.00

CORONA V_69_KV_TB1 355595	60.53 4.74 0.00	52.40 4.46 0.00	46.16 4.00 0.00	44.39 3.70 0.00	44.06 3.60 0.00	43.52 3.52 0.00	46.24 3.54 0.00	42.38 3.39 0.00	50.81 3.83 -4.46	54.87 4.24 -3.53	72.38 4.19 -19.43	75.45 4.46 -18.50	59.18 4.28 0.00	61.38 3.96 0.00	65.32 3.81 0.00	68.22 3.98 0.00	80.73 4.64 0.00	89.06 5.72 -0.39	92.62 5.16 0.00	84.40 3.79 0.01	79.16 3.00 0.63	69.05 1.96 0.59	59.74 2.63 0.00	57.04 3.28 0.00
CORTLAND_115KV_TB3 80093	56.51 0.73 0.00	48.66 0.72 0.00	42.66 0.51 0.00	41.14 0.45 0.00	40.83 0.36 0.00	40.36 0.36 0.00	43.12 0.43 0.00	39.30 0.31 0.00	42.56 0.04 0.00	47.10 0.00 0.00	48.95 0.20 0.00	52.86 0.37 0.00	55.23 0.33 0.00	58.00 0.57 0.00	62.24 0.74 0.00	65.08 0.84 0.00	77.54 1.45 0.00	84.93 1.99 0.00	89.74 2.27 0.00	83.20 2.58 0.00	78.64 1.84 0.00	69.10 1.42 0.00	58.14 1.03 0.00	54.83 1.08 0.00
COXSACKIE___GT 23611	59.41 3.62 0.00	51.06 3.11 0.00	45.02 2.87 0.00	43.58 2.89 0.00	43.38 2.91 0.00	42.56 2.56 0.00	45.34 2.65 0.00	41.06 2.07 0.00	43.84 1.32 0.00	48.09 0.99 0.00	49.58 0.83 0.00	53.23 0.73 0.00	55.61 0.71 0.00	58.23 0.80 0.00	62.18 0.68 0.00	65.27 1.02 0.00	78.70 2.66 0.06	86.43 3.48 0.00	91.92 4.46 0.00	84.73 4.11 0.00	80.49 3.69 0.00	70.72 3.05 0.00	59.56 2.45 0.00	56.02 2.26 0.00
CPV_VALLEY___CC1 323721	57.74 1.95 0.00	49.86 1.92 0.00	43.88 1.73 0.00	42.24 1.55 0.00	42.00 1.54 0.00	41.52 1.52 0.00	44.44 1.75 0.00	40.63 1.64 0.00	44.05 1.53 0.00	48.75 1.65 0.00	50.36 1.61 0.00	54.18 1.68 0.00	56.71 1.81 0.00	59.14 1.72 0.00	63.29 1.78 0.00	66.04 1.80 0.00	78.68 2.59 0.00	86.18 3.23 0.00	90.34 2.88 0.00	82.88 2.25 0.00	78.49 1.69 0.00	68.62 0.95 0.00	58.08 0.97 0.00	55.05 1.29 0.00
CPV_VALLEY___CC2 323722	57.74 1.95 0.00	49.86 1.92 0.00	43.88 1.73 0.00	42.24 1.55 0.00	42.00 1.54 0.00	41.52 1.52 0.00	44.44 1.75 0.00	40.63 1.64 0.00	44.05 1.53 0.00	48.75 1.65 0.00	50.36 1.61 0.00	54.18 1.68 0.00	56.71 1.81 0.00	59.14 1.72 0.00	63.29 1.78 0.00	66.04 1.80 0.00	78.68 2.59 0.00	86.18 3.23 0.00	90.34 2.88 0.00	82.88 2.25 0.00	78.49 1.69 0.00	68.62 0.95 0.00	58.08 0.97 0.00	55.05 1.29 0.00
CRESCENT___HYD 24018	57.90 2.12 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.44 1.75 0.00	40.55 1.56 0.00	43.79 1.27 0.00	48.28 1.18 0.00	49.68 0.92 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.48 0.98 0.00	65.40 1.16 0.00	77.92 1.82 0.00	85.68 2.73 0.00	90.44 2.98 0.00	83.20 2.58 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.59 1.48 0.00	55.21 1.45 0.00
CRICKET___VALLEY_CC1 323756	57.79 2.01 0.00	49.95 2.01 0.00	44.01 1.85 0.00	42.40 1.71 0.00	42.12 1.66 0.00	41.68 1.68 0.00	44.57 1.88 0.00	40.75 1.76 0.00	44.13 1.62 0.00	48.75 1.65 0.00	50.27 1.51 0.00	54.02 1.52 0.00	56.49 1.59 0.00	58.91 1.49 0.00	62.98 1.47 0.00	65.78 1.54 0.00	78.45 2.36 0.00	86.10 3.15 0.00	90.08 2.62 0.00	82.64 2.02 0.00	78.34 1.54 0.00	68.55 0.88 0.00	58.02 0.91 0.00	54.89 1.13 0.00
CRICKET___VALLEY_CC2 323757	57.79 2.01 0.00	49.95 2.01 0.00	44.01 1.85 0.00	42.40 1.71 0.00	42.12 1.66 0.00	41.68 1.68 0.00	44.57 1.88 0.00	40.75 1.76 0.00	44.13 1.62 0.00	48.75 1.65 0.00	50.27 1.51 0.00	54.02 1.52 0.00	56.49 1.59 0.00	58.91 1.49 0.00	62.98 1.47 0.00	65.78 1.54 0.00	78.45 2.36 0.00	86.10 3.15 0.00	90.08 2.62 0.00	82.64 2.02 0.00	78.34 1.54 0.00	68.55 0.88 0.00	58.02 0.91 0.00	54.89 1.13 0.00
CRICKET___VALLEY_CC3 323758	57.79 2.01 0.00	49.95 2.01 0.00	44.01 1.85 0.00	42.40 1.71 0.00	42.12 1.66 0.00	41.68 1.68 0.00	44.57 1.88 0.00	40.75 1.76 0.00	44.13 1.62 0.00	48.75 1.65 0.00	50.27 1.51 0.00	54.02 1.52 0.00	56.49 1.59 0.00	58.91 1.49 0.00	62.98 1.47 0.00	65.78 1.54 0.00	78.45 2.36 0.00	86.10 3.15 0.00	90.08 2.62 0.00	82.64 2.02 0.00	78.34 1.54 0.00	68.55 0.88 0.00	58.02 0.91 0.00	54.89 1.13 0.00
CRUCIBLE_METL_DRP 24180	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
DAHOWA___HYDRO 323763	58.91 3.12 0.00	50.67 2.73 0.00	44.64 2.49 0.00	43.01 2.32 0.00	42.73 2.26 0.00	42.24 2.24 0.00	45.04 2.35 0.00	41.02 2.03 0.00	44.26 1.74 0.00	48.70 1.60 0.00	49.92 1.17 0.00	53.60 1.10 0.00	56.00 1.10 0.00	58.74 1.32 0.00	62.92 1.42 0.00	66.04 1.80 0.00	78.68 2.59 0.00	86.76 3.82 0.00	92.09 4.63 0.00	85.05 4.43 0.00	81.10 4.30 0.00	71.12 3.45 0.00	59.91 2.80 0.00	56.39 2.63 0.00
DANC___LFGE 323619	56.67 0.89 0.00	48.52 0.58 0.00	42.45 0.30 0.00	40.89 0.20 0.00	40.67 0.20 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.95 -0.04 0.00	42.35 -0.17 0.00	46.77 -0.33 0.00	48.46 -0.29 0.00	52.29 -0.21 0.00	54.52 -0.38 0.00	57.31 -0.11 0.00	61.44 -0.06 0.00	64.18 -0.06 0.00	76.63 0.54 0.00	83.77 0.83 0.00	89.38 1.92 0.00	82.96 2.34 0.00	78.87 2.07 0.00	69.37 1.69 0.00	58.25 1.14 0.00	54.62 0.86 0.00
DANSKAMMER___1 23586	59.02 3.23 0.00	51.01 3.07 0.00	44.86 2.70 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.36 2.36 0.00	45.30 2.60 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.60 2.49 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.41 2.98 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.71 5.25 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.18 2.51 0.00	59.34 2.23 0.00	56.18 2.42 0.00
DANSKAMMER___2 23589	59.02 3.23 0.00	51.01 3.07 0.00	44.86 2.70 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.36 2.36 0.00	45.30 2.60 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.60 2.49 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.41 2.98 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.71 5.25 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.18 2.51 0.00	59.34 2.23 0.00	56.18 2.42 0.00
DANSKAMMER___3 23590	59.02 3.23 0.00	51.01 3.07 0.00	44.86 2.70 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.36 2.36 0.00	45.30 2.60 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.60 2.49 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.41 2.98 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.71 5.25 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.18 2.51 0.00	59.34 2.23 0.00	56.18 2.42 0.00

DANSKAMMER___4 23591	59.02 3.23 0.00	51.01 3.07 0.00	44.86 2.70 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.36 2.36 0.00	45.30 2.60 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.60 2.49 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.41 2.98 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.71 5.25 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.18 2.51 0.00	59.34 2.23 0.00	56.18 2.42 0.00
DANSKAMMER___DIESEL 23592	59.02 3.24 0.00	51.01 3.07 0.00	44.85 2.70 0.00	43.17 2.48 0.00	42.93 2.47 0.00	42.36 2.36 0.00	45.34 2.65 0.00	41.37 2.38 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.29 2.54 0.00	55.23 2.73 0.00	57.81 2.91 0.00	60.41 2.99 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.51 4.41 0.00	88.42 5.47 0.00	92.80 5.34 0.00	84.89 4.27 0.00	80.26 3.46 0.00	70.25 2.57 0.00	59.40 2.28 0.00	56.23 2.47 0.00
DARBY___SOLAR 323810	58.68 2.90 0.00	50.48 2.54 0.00	44.47 2.32 0.00	42.84 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.91 2.22 0.00	40.90 1.91 0.00	44.13 1.62 0.00	48.56 1.46 0.00	49.82 1.07 0.00	53.49 0.99 0.00	55.89 0.99 0.00	58.63 1.21 0.00	62.73 1.23 0.00	65.85 1.61 0.00	78.45 2.36 0.00	86.51 3.56 0.00	91.75 4.28 0.00	84.73 4.11 0.00	80.71 3.91 0.00	70.79 3.11 0.00	59.68 2.57 0.00	56.18 2.42 0.00
DASHVILLE___HYD 23610	58.30 2.51 0.00	50.34 2.40 0.00	44.26 2.11 0.00	42.64 1.95 0.00	42.40 1.94 0.00	41.80 1.80 0.00	44.66 1.96 0.00	40.71 1.72 0.00	44.09 1.57 0.00	48.80 1.70 0.00	50.41 1.66 0.00	54.23 1.73 0.00	56.77 1.87 0.00	59.32 1.89 0.00	63.59 2.09 0.00	66.43 2.18 0.00	79.88 3.80 0.01	86.93 3.98 0.00	91.31 3.85 0.00	83.52 2.90 0.00	79.03 2.23 0.00	69.23 1.56 0.00	58.60 1.48 0.00	55.53 1.77 0.00
DELAWARE___LFGE 323621	57.57 1.79 0.00	49.62 1.68 0.00	43.59 1.43 0.00	42.07 1.38 0.00	41.92 1.46 0.00	41.48 1.48 0.00	44.32 1.62 0.00	40.24 1.25 0.00	43.67 1.15 0.00	48.33 1.22 0.00	50.02 1.27 0.00	53.91 1.42 0.00	56.44 1.54 0.00	59.09 1.67 0.00	63.29 1.78 0.00	66.10 1.86 0.00	78.68 2.59 0.00	86.10 3.15 0.00	90.79 3.32 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.57 1.89 0.00	58.65 1.54 0.00	55.37 1.61 0.00
DERFIELD_115KV_TB7 355931	56.06 0.28 0.00	48.23 0.29 0.00	42.41 0.25 0.00	40.93 0.24 0.00	40.75 0.28 0.00	40.28 0.28 0.00	42.95 0.26 0.00	39.19 0.19 0.00	42.65 0.13 0.00	47.20 0.09 0.00	48.80 0.05 0.00	52.60 0.10 0.00	54.96 0.05 0.00	57.54 0.11 0.00	61.56 0.06 0.00	64.37 0.13 0.00	76.32 0.23 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.02 0.40 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.17 0.06 0.00	53.87 0.11 0.00
DOGLEVILLE___HYD 23807	55.39 -0.39 0.00	47.65 -0.29 0.00	41.90 -0.25 0.00	40.40 -0.28 0.00	40.26 -0.20 0.00	39.80 -0.20 0.00	42.44 -0.26 0.00	38.64 -0.35 0.00	42.05 -0.47 0.00	46.58 -0.52 0.00	48.17 -0.59 0.00	51.92 -0.58 0.00	54.30 -0.60 0.00	56.85 -0.57 0.00	60.83 -0.68 0.00	63.54 -0.71 0.00	75.56 -0.53 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.26 -0.54 0.00	67.00 -0.68 0.00	56.48 -0.63 0.00	53.06 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	55.78 0.00 0.00	48.33 0.38 0.00	42.03 -0.13 0.00	40.57 -0.12 0.00	39.53 -0.93 0.00	39.20 -0.80 0.00	41.71 -0.98 0.00	38.29 -0.70 0.00	41.33 -1.19 0.00	46.07 -1.04 0.00	48.75 0.00 0.00	52.92 0.42 0.00	55.39 0.49 0.00	58.17 0.75 0.00	62.67 1.17 0.00	65.21 0.96 0.00	77.84 1.75 0.00	84.85 1.91 0.00	89.39 1.92 0.00	84.17 3.55 0.00	78.41 1.61 0.00	68.69 1.02 0.00	57.91 0.80 0.00	54.94 1.18 0.00
DUNKIRK___1 23563	55.78 0.00 0.00	48.33 0.38 0.00	42.03 -0.13 0.00	40.57 -0.12 0.00	39.53 -0.93 0.00	39.20 -0.80 0.00	41.71 -0.98 0.00	38.29 -0.70 0.00	41.33 -1.19 0.00	46.07 -1.04 0.00	48.75 0.00 0.00	52.92 0.42 0.00	55.39 0.49 0.00	58.17 0.75 0.00	62.67 1.17 0.00	65.21 0.96 0.00	77.84 1.75 0.00	84.85 1.91 0.00	89.39 1.92 0.00	84.17 3.55 0.00	78.41 1.61 0.00	68.69 1.02 0.00	57.91 0.80 0.00	54.94 1.18 0.00
DUNKIRK___2 23564	55.78 0.00 0.00	48.33 0.38 0.00	42.03 -0.13 0.00	40.57 -0.12 0.00	39.53 -0.93 0.00	39.20 -0.80 0.00	41.71 -0.98 0.00	38.29 -0.70 0.00	41.33 -1.19 0.00	46.07 -1.04 0.00	48.75 0.00 0.00	52.92 0.42 0.00	55.39 0.49 0.00	58.17 0.75 0.00	62.67 1.17 0.00	65.21 0.96 0.00	77.84 1.75 0.00	84.85 1.91 0.00	89.39 1.92 0.00	84.17 3.55 0.00	78.41 1.61 0.00	68.69 1.02 0.00	57.91 0.80 0.00	54.94 1.18 0.00
DUNKIRK___3 23565	55.39 -0.39 0.00	47.99 0.05 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.29 -1.17 0.00	39.00 -1.00 0.00	41.41 -1.28 0.00	38.02 -0.97 0.00	41.07 -1.45 0.00	45.78 -1.32 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	55.01 0.11 0.00	57.77 0.34 0.00	62.24 0.74 0.00	64.76 0.51 0.00	77.31 1.22 0.00	84.19 1.24 0.00	88.77 1.31 0.00	83.52 2.90 0.00	77.80 1.00 0.00	68.22 0.54 0.00	57.57 0.46 0.00	54.62 0.86 0.00
DUNKIRK___4 23566	55.39 -0.39 0.00	47.99 0.05 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.29 -1.17 0.00	39.00 -1.00 0.00	41.41 -1.28 0.00	38.02 -0.97 0.00	41.07 -1.45 0.00	45.78 -1.32 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	55.01 0.11 0.00	57.77 0.34 0.00	62.24 0.74 0.00	64.76 0.51 0.00	77.31 1.22 0.00	84.19 1.24 0.00	88.77 1.31 0.00	83.52 2.90 0.00	77.80 1.00 0.00	68.22 0.54 0.00	57.57 0.46 0.00	54.62 0.86 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	59.19 3.40 0.00	51.25 3.31 0.00	45.11 2.95 0.00	43.42 2.73 0.00	43.05 2.59 0.00	42.64 2.64 0.00	45.64 2.95 0.00	41.80 2.81 0.00	45.37 2.85 0.00	50.30 3.20 0.00	51.87 3.12 0.00	55.75 3.25 0.00	58.36 3.46 0.00	60.64 3.22 0.00	64.82 3.32 0.00	67.58 3.34 0.00	80.51 4.41 0.00	88.34 5.39 0.00	92.36 4.90 0.00	84.41 3.79 0.00	79.79 3.00 0.00	69.71 2.03 0.00	59.17 2.06 0.00	56.23 2.47 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	58.57 2.79 0.00	50.63 2.68 0.00	44.52 2.36 0.00	42.85 2.16 0.00	42.61 2.14 0.00	42.08 2.08 0.00	45.04 2.35 0.00	41.14 2.14 0.00	44.60 2.08 0.00	49.36 2.26 0.00	51.00 2.24 0.00	54.86 2.36 0.00	57.43 2.53 0.00	59.95 2.53 0.00	64.21 2.71 0.00	67.00 2.76 0.00	79.90 3.80 0.00	87.67 4.73 0.00	91.92 4.46 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.64 1.96 0.00	58.94 1.83 0.00	55.80 2.04 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.88 2.88 0.00	45.64 2.95 0.00	41.72 2.73 0.00	45.16 2.64 0.00	49.97 2.87 0.00	51.63 2.88 0.00	55.44 2.94 0.00	58.08 3.18 0.00	60.40 2.99 0.01	64.57 3.08 0.01	67.25 3.02 0.01	80.12 4.03 0.01	87.91 4.98 0.01	91.91 4.46 0.01	83.92 3.31 0.01	79.33 2.53 0.01	69.29 1.62 0.01	58.82 1.71 0.00	56.14 2.37 -0.02

E179THST_13_KV_LOAD 356214	59.48 3.68 -0.02	51.93 3.98 -0.01	45.91 3.75 0.00	44.12 3.42 -0.01	43.71 3.24 -0.01	43.12 3.12 0.00	45.90 3.20 0.00	41.96 2.96 0.00	45.45 2.93 0.00	50.30 3.20 0.00	51.92 3.17 0.00	55.80 3.31 0.00	58.47 3.57 0.00	60.80 3.39 0.01	65.00 3.51 0.01	67.70 3.47 0.01	80.65 4.57 0.01	88.58 5.64 0.01	92.53 5.07 0.01	84.48 3.87 0.01	79.86 3.07 0.01	69.77 2.10 0.01	59.22 2.11 0.00	56.46 2.69 -0.02
EAST HAMPTON___GT 23717	61.59 5.80 -0.01	53.13 5.18 -0.01	46.59 4.43 -0.01	44.64 3.95 -0.01	44.07 3.60 -0.01	43.52 3.52 0.00	45.77 3.08 0.00	42.23 3.23 0.00	46.79 4.00 -0.28	52.09 4.76 -0.23	55.19 5.07 -1.36	58.98 5.20 -1.28	60.50 5.60 0.00	62.36 4.94 0.00	65.91 4.62 0.21	69.25 5.01 0.00	81.86 5.78 0.01	90.08 7.47 0.33	94.37 6.91 0.00	85.20 4.59 0.02	73.60 3.15 6.35	63.92 2.17 5.92	60.31 3.20 0.00	58.00 4.25 0.00
EAST RIVER___6 23660	59.36 3.57 0.00	51.49 3.55 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.80 2.80 0.00	45.81 3.11 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.50 3.39 0.00	52.07 3.32 0.00	55.91 3.41 0.00	58.52 3.62 0.00	60.81 3.39 0.00	65.07 3.57 0.00	67.77 3.53 0.00	80.89 4.80 0.00	88.59 5.64 0.00	92.36 4.89 0.00	84.49 3.87 0.00	79.95 3.15 0.00	69.64 1.96 0.00	59.23 2.11 0.00	56.34 2.58 0.00
EAST RIVER___7 23524	59.36 3.57 0.00	51.49 3.55 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.80 2.80 0.00	45.81 3.11 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.50 3.39 0.00	52.07 3.32 0.00	55.91 3.41 0.00	58.52 3.62 0.00	60.81 3.39 0.00	65.07 3.57 0.00	67.77 3.53 0.00	80.89 4.80 0.00	88.59 5.64 0.00	92.36 4.89 0.00	84.49 3.87 0.00	79.95 3.15 0.00	69.64 1.96 0.00	59.23 2.11 0.00	56.34 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	58.96 3.18 0.00	51.06 3.12 0.00	44.94 2.78 0.00	43.25 2.56 0.00	42.93 2.47 0.00	42.48 2.48 0.00	45.47 2.78 0.00	41.61 2.61 0.00	45.16 2.64 0.00	50.02 2.92 0.00	51.63 2.88 0.00	55.49 2.99 0.00	58.08 3.18 0.00	60.41 2.99 0.00	64.58 3.08 0.00	67.33 3.08 0.00	80.20 4.11 0.00	88.00 5.06 0.00	92.10 4.64 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.57 1.89 0.00	59.00 1.88 0.00	56.02 2.26 0.00
EAST_HAMPTON___DIESEL 23722	61.42 5.63 -0.01	52.98 5.03 -0.01	46.51 4.34 -0.01	44.52 3.82 -0.01	43.99 3.52 -0.01	43.40 3.40 0.00	45.68 2.99 0.00	42.15 3.16 0.00	46.67 3.87 -0.28	52.00 4.66 -0.23	55.09 4.98 -1.36	58.82 5.04 -1.28	60.39 5.49 0.00	62.25 4.82 0.00	65.79 4.49 0.21	69.12 4.88 0.00	81.63 5.55 0.01	89.91 7.30 0.33	94.20 6.74 0.00	84.96 4.35 0.02	73.45 2.99 6.35	63.78 2.03 5.92	60.25 3.14 0.00	57.95 4.20 0.00
EAST_POINT___SOLAR 323840	61.25 5.47 0.00	52.64 4.70 0.00	46.20 4.05 0.00	44.47 3.78 0.00	44.18 3.72 0.00	43.72 3.72 0.00	46.37 3.67 0.00	41.49 2.50 0.00	44.39 1.87 0.00	48.85 1.74 0.00	50.41 1.66 0.00	54.18 1.68 0.00	56.99 2.09 0.00	60.23 2.81 0.00	64.95 3.44 0.00	68.03 3.79 0.00	81.19 5.10 0.00	89.58 6.64 0.00	95.68 8.22 0.00	89.33 8.71 0.00	85.32 8.52 0.00	74.78 7.10 0.00	62.82 5.71 0.00	59.03 5.27 0.00
EAST_PULASKI___ESR 323781	55.51 -0.28 0.00	47.80 -0.14 0.00	41.90 -0.25 0.00	40.41 -0.28 0.00	40.14 -0.33 0.00	39.72 -0.28 0.00	42.31 -0.39 0.00	38.60 -0.39 0.00	41.88 -0.64 0.00	46.40 -0.71 0.00	48.07 -0.68 0.00	51.92 -0.58 0.00	54.02 -0.88 0.00	56.67 -0.75 0.00	60.83 -0.68 0.00	63.60 -0.64 0.00	75.71 -0.38 0.00	82.78 -0.17 0.00	87.81 0.35 0.00	81.26 0.64 0.00	77.19 0.39 0.00	67.88 0.20 0.00	57.11 0.00 0.00	53.70 -0.05 0.00
EAST_RIVER___1 323558	59.41 3.62 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.58 2.89 0.00	43.25 2.79 0.00	42.80 2.80 0.00	45.81 3.11 0.00	42.04 3.04 0.00	45.67 3.15 0.00	50.54 3.44 0.00	52.11 3.36 0.00	55.96 3.46 0.00	58.64 3.74 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.77 3.53 0.00	80.97 4.87 0.00	88.75 5.80 0.00	92.44 4.98 0.00	84.57 3.95 0.00	79.95 3.15 0.00	69.70 2.03 0.00	59.23 2.11 0.00	56.34 2.58 0.00
EAST_RIVER___2 323559	59.36 3.57 0.00	51.49 3.55 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.80 2.80 0.00	45.81 3.11 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.50 3.39 0.00	52.07 3.32 0.00	55.91 3.41 0.00	58.52 3.62 0.00	60.81 3.39 0.00	65.07 3.57 0.00	67.77 3.53 0.00	80.89 4.80 0.00	88.59 5.64 0.00	92.36 4.89 0.00	84.49 3.87 0.00	79.95 3.15 0.00	69.64 1.96 0.00	59.23 2.11 0.00	56.34 2.58 0.00
EAST___DELAWARE_HYD 23607	58.30 2.51 0.00	50.29 2.35 0.00	44.22 2.07 0.00	42.52 1.83 0.00	42.28 1.82 0.00	41.72 1.72 0.00	44.66 1.96 0.00	40.75 1.76 0.00	44.18 1.66 0.00	48.85 1.74 0.00	50.51 1.75 0.00	54.38 1.89 0.00	56.93 2.03 0.00	59.60 2.18 0.00	63.97 2.46 0.00	66.81 2.57 0.00	79.89 3.80 0.00	87.67 4.73 0.00	92.01 4.55 0.00	84.41 3.79 0.00	79.87 3.08 0.00	69.84 2.17 0.00	58.99 1.88 0.00	55.75 1.99 0.00
EIGHT_POINT___WT_PWR 323820	56.51 0.72 0.00	48.81 0.86 0.00	42.62 0.46 0.00	41.18 0.49 0.00	40.34 -0.12 0.00	39.92 -0.08 0.00	42.61 -0.09 0.00	38.84 -0.16 0.00	41.71 -0.81 0.00	46.35 -0.76 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	54.90 0.00 0.00	57.71 0.29 0.00	62.18 0.68 0.00	64.88 0.64 0.00	77.46 1.37 0.00	84.93 1.99 0.00	90.61 3.14 0.00	84.65 4.03 0.00	79.64 2.84 0.00	69.70 2.03 0.00	58.54 1.43 0.00	55.48 1.72 0.00
ELBRIDGE_115KV_TB2 80188	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.18 -0.51 0.00	38.52 -0.47 0.00	41.80 -0.72 0.00	46.25 -0.85 0.00	48.12 -0.63 0.00	51.97 -0.52 0.00	54.35 -0.55 0.00	57.02 -0.40 0.00	61.20 -0.31 0.00	63.98 -0.26 0.00	76.09 0.00 0.00	83.28 0.33 0.00	87.81 0.35 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.61 -0.07 0.00	56.94 -0.17 0.00	53.70 -0.05 0.00
ELEC_TRO_TEK 24086	59.97 4.18 0.00	51.97 4.03 0.00	45.74 3.58 0.00	44.03 3.34 0.00	43.66 3.20 0.00	43.16 3.16 0.00	45.85 3.16 0.00	42.07 3.08 0.00	48.00 3.44 -2.04	52.53 3.82 -1.62	61.77 3.71 -9.31	65.23 3.88 -8.85	58.58 3.68 0.00	60.75 3.33 0.00	64.58 3.08 0.00	67.39 3.15 0.00	79.82 3.73 0.00	87.75 4.81 0.00	91.66 4.20 0.00	83.52 2.90 0.01	77.46 2.15 1.49	67.57 1.29 1.39	59.17 2.06 0.00	56.55 2.80 0.00
ELLENBURG_WT_PWR 323604	55.67 -0.11 0.00	47.70 -0.24 0.00	41.95 -0.21 0.00	40.49 -0.20 0.00	40.30 -0.16 0.00	39.80 -0.20 0.00	42.52 -0.17 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.52 0.42 0.00	49.24 0.49 0.00	52.81 0.32 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.87 -0.23 0.00	82.11 -0.83 0.00	86.67 -0.79 0.00	80.06 -0.56 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.28 0.17 0.00	53.87 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.72 -1.06 0.00	47.46 -0.48 0.00	41.31 -0.84 0.00	39.96 -0.73 0.00	38.88 -1.58 0.00	38.56 -1.44 0.00	40.86 -1.84 0.00	37.55 -1.44 0.00	40.56 -1.96 0.00	45.17 -1.93 0.00	47.83 -0.93 0.00	51.92 -0.58 0.00	54.35 -0.55 0.00	57.02 -0.40 0.00	61.44 -0.06 0.00	63.79 -0.45 0.00	76.25 0.15 0.00	82.94 0.00 0.00	87.37 -0.09 0.00	82.23 1.61 0.00	76.57 -0.23 0.00	67.20 -0.47 0.00	56.88 -0.23 0.00	54.03 0.27 0.00
EMPIRE_CC_1 323656	56.84 1.06 0.00	49.14 1.20 0.00	43.42 1.26 0.00	41.95 1.26 0.00	41.76 1.29 0.00	41.24 1.24 0.00	43.89 1.19 0.00	40.08 1.09 0.00	43.20 0.68 0.00	47.57 0.47 0.00	48.90 0.15 0.00	52.60 0.11 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.32 -0.18 0.00	64.11 -0.13 0.00	76.32 0.23 0.00	83.86 0.91 0.00	88.34 0.87 0.00	81.19 0.57 0.00	77.11 0.31 0.00	67.68 0.00 0.00	57.23 0.11 0.00	53.97 0.22 0.00
EMPIRE_CC_2 323658	56.84 1.06 0.00	49.14 1.20 0.00	43.42 1.26 0.00	41.95 1.26 0.00	41.76 1.29 0.00	41.24 1.24 0.00	43.89 1.19 0.00	40.08 1.09 0.00	43.20 0.68 0.00	47.57 0.47 0.00	48.90 0.15 0.00	52.60 0.11 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.32 -0.18 0.00	64.11 -0.13 0.00	76.32 0.23 0.00	83.86 0.91 0.00	88.34 0.87 0.00	81.19 0.57 0.00	77.11 0.31 0.00	67.68 0.00 0.00	57.23 0.11 0.00	53.97 0.22 0.00
ENORWICH_115KV_TB1 80156	60.14 4.35 0.00	51.78 3.84 0.00	45.40 3.25 0.00	43.70 3.01 0.00	43.46 2.99 0.00	43.08 3.08 0.00	45.94 3.24 0.00	41.68 2.69 0.00	44.94 2.42 0.00	49.50 2.40 0.00	51.29 2.54 0.00	55.49 2.99 0.00	58.03 3.13 0.00	61.21 3.79 0.00	65.75 4.24 0.00	68.80 4.56 0.00	82.79 6.70 0.00	90.91 7.96 0.00	97.00 9.53 0.00	90.22 9.59 0.00	85.02 8.22 0.00	74.38 6.70 0.00	62.42 5.31 0.00	58.65 4.89 0.00
ERIE_ST__34_KV_TB1-2 80199	54.84 -0.95 0.00	47.46 -0.48 0.00	41.31 -0.84 0.00	39.84 -0.85 0.00	38.80 -1.66 0.00	38.52 -1.48 0.00	40.90 -1.79 0.00	37.67 -1.33 0.00	40.69 -1.83 0.00	45.41 -1.70 0.00	48.12 -0.63 0.00	52.23 -0.26 0.00	54.68 -0.22 0.00	57.42 0.00 0.00	61.93 0.43 0.00	64.43 0.19 0.00	77.01 0.91 0.00	83.86 0.91 0.00	88.34 0.87 0.00	83.12 2.50 0.00	77.34 0.54 0.00	67.74 0.07 0.00	57.23 0.11 0.00	54.24 0.48 0.00
ERIE_WT_PWR 323693	55.00 -0.78 0.00	47.66 -0.29 0.00	41.52 -0.63 0.00	40.24 -0.45 0.00	39.13 -1.33 0.00	38.76 -1.24 0.00	41.11 -1.58 0.00	37.71 -1.29 0.00	40.82 -1.70 0.00	45.83 -1.27 0.00	48.07 -0.68 0.00	52.18 -0.31 0.00	54.63 -0.27 0.00	57.31 -0.11 0.00	61.81 0.31 0.00	64.18 -0.06 0.00	76.70 0.61 0.00	83.36 0.42 0.00	88.95 1.49 0.00	82.64 2.02 0.00	77.26 0.46 0.00	67.61 -0.07 0.00	57.23 0.11 0.00	54.45 0.70 0.00
ESPRGFLD_115KV_TB1 80157	59.75 3.96 0.00	51.44 3.50 0.00	45.11 2.95 0.00	43.46 2.77 0.00	43.25 2.79 0.00	42.80 2.80 0.00	45.68 2.99 0.00	41.33 2.34 0.00	44.73 2.21 0.00	49.46 2.36 0.00	51.19 2.44 0.00	55.23 2.73 0.00	57.86 2.96 0.00	60.81 3.39 0.00	65.32 3.81 0.00	68.29 4.05 0.00	81.50 5.40 0.00	89.50 6.55 0.00	94.81 7.35 0.00	87.88 7.26 0.00	83.25 6.45 0.00	73.02 5.35 0.00	61.39 4.28 0.00	57.79 4.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.90 1.12 0.00	49.00 1.05 0.00	42.96 0.80 0.00	41.42 0.73 0.00	41.07 0.61 0.00	40.60 0.60 0.00	43.38 0.68 0.00	39.54 0.55 0.00	42.77 0.26 0.00	47.29 0.19 0.00	49.09 0.34 0.00	53.07 0.58 0.00	55.45 0.55 0.00	58.23 0.80 0.00	62.55 1.05 0.00	65.46 1.22 0.00	78.07 1.98 0.00	85.68 2.74 0.00	90.70 3.24 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.84 2.17 0.00	58.77 1.66 0.00	55.37 1.61 0.00
ETNA____115KV_TB2 80207	56.90 1.12 0.00	49.00 1.05 0.00	42.96 0.80 0.00	41.42 0.73 0.00	41.07 0.61 0.00	40.60 0.60 0.00	43.38 0.68 0.00	39.54 0.55 0.00	42.77 0.26 0.00	47.29 0.19 0.00	49.09 0.34 0.00	53.07 0.58 0.00	55.45 0.55 0.00	58.23 0.80 0.00	62.55 1.05 0.00	65.46 1.22 0.00	78.07 1.98 0.00	85.68 2.74 0.00	90.70 3.24 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.84 2.17 0.00	58.77 1.66 0.00	55.37 1.61 0.00
EUCLID__115KV_TB2 356179	55.06 -0.73 0.00	47.41 -0.53 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	42.01 -0.68 0.00	38.37 -0.62 0.00	41.63 -0.89 0.00	46.11 -0.99 0.00	47.92 -0.83 0.00	51.76 -0.73 0.00	54.08 -0.82 0.00	56.73 -0.69 0.00	60.95 -0.55 0.00	63.66 -0.58 0.00	75.71 -0.38 0.00	82.78 -0.17 0.00	87.29 -0.17 0.00	80.70 0.08 0.00	76.42 -0.38 0.00	67.20 -0.47 0.00	56.60 -0.51 0.00	53.38 -0.38 0.00
E_CANADA_CAP_HY 24051	60.91 5.13 0.00	52.40 4.46 0.00	45.99 3.84 0.00	44.27 3.58 0.00	44.02 3.56 0.00	43.52 3.52 0.00	46.37 3.67 0.00	41.88 2.89 0.00	45.07 2.55 0.00	49.69 2.59 0.00	51.29 2.53 0.00	55.17 2.68 0.00	57.86 2.96 0.00	60.93 3.50 0.00	65.44 3.94 0.00	68.55 4.30 0.00	81.80 5.71 0.00	90.16 7.21 0.00	95.94 8.48 0.00	89.01 8.38 0.00	84.71 7.91 0.00	74.24 6.56 0.00	62.42 5.31 0.00	58.70 4.94 0.00
E_CANADA_MHWK_HY 24050	55.40 -0.39 0.00	47.66 -0.29 0.00	41.90 -0.25 0.00	40.41 -0.28 0.00	40.22 -0.24 0.00	39.80 -0.20 0.00	42.44 -0.25 0.00	38.64 -0.35 0.00	42.05 -0.47 0.00	46.58 -0.52 0.00	48.17 -0.58 0.00	51.92 -0.58 0.00	54.30 -0.60 0.00	56.85 -0.57 0.00	60.83 -0.68 0.00	63.54 -0.71 0.00	75.56 -0.53 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.27 -0.53 0.00	67.00 -0.68 0.00	56.48 -0.63 0.00	53.06 -0.70 0.00
E_FISHKILL__LBMP 23776	58.24 2.45 0.00	50.39 2.45 0.00	44.35 2.19 0.00	42.72 2.03 0.00	42.44 1.98 0.00	42.00 2.00 0.00	44.91 2.22 0.00	41.06 2.07 0.00	44.52 2.00 0.00	49.27 2.17 0.00	50.80 2.05 0.00	54.65 2.15 0.00	57.15 2.25 0.00	59.55 2.12 0.00	63.66 2.15 0.00	66.43 2.18 0.00	79.14 3.04 0.00	86.84 3.90 0.00	91.05 3.59 0.00	83.28 2.66 0.00	78.80 2.00 0.00	69.03 1.35 0.00	58.48 1.37 0.00	55.42 1.67 0.00
FALCON__SEABRD_CC1 323796	55.78 0.00 0.00	47.94 0.00 0.00	42.20 0.04 0.00	40.69 0.00 0.00	40.50 0.04 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.11 0.12 0.00	43.03 0.51 0.00	47.81 0.71 0.00	49.49 0.73 0.00	53.07 0.58 0.00	55.67 0.77 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.94 -0.15 0.00	82.20 -0.75 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	76.88 0.08 0.00	68.02 0.34 0.00	57.51 0.40 0.00	54.57 0.81 0.00
FALCON__SEABRD_CC2 323797	55.78 0.00 0.00	47.94 0.00 0.00	42.20 0.04 0.00	40.69 0.00 0.00	40.50 0.04 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.11 0.12 0.00	43.03 0.51 0.00	47.81 0.71 0.00	49.49 0.73 0.00	53.07 0.58 0.00	55.67 0.77 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.94 -0.15 0.00	82.20 -0.75 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	76.88 0.08 0.00	68.02 0.34 0.00	57.51 0.40 0.00	54.57 0.81 0.00

FAR ROCKAWAY___4 23548	61.20 5.41 0.00	53.02 5.08 0.00	46.67 4.51 0.00	44.88 4.19 0.00	44.51 4.05 0.00	43.96 3.96 0.00	46.66 3.97 0.00	42.81 3.82 0.00	51.55 4.29 -4.74	55.60 4.76 -3.74	74.01 4.78 -20.48	77.13 5.14 -19.49	59.90 5.00 0.00	62.19 4.77 0.00	66.18 4.67 0.00	69.06 4.82 0.00	81.72 5.63 0.00	90.17 6.80 -0.42	93.85 6.38 0.00	85.45 4.84 0.01	79.98 3.84 0.66	69.83 2.77 0.62	60.42 3.31 0.00	57.57 3.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.25 2.79 0.00	42.84 2.84 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.63 3.53 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.81 4.72 0.00	88.67 5.72 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.25 2.79 0.00	42.84 2.84 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.63 3.53 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.81 4.72 0.00	88.67 5.72 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	59.35 3.57 0.00	51.49 3.55 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.80 2.80 0.00	45.81 3.12 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.59 3.49 0.00	52.07 3.32 0.00	55.96 3.46 0.00	58.58 3.68 0.00	60.81 3.39 0.00	65.01 3.51 0.00	67.71 3.47 0.00	80.73 4.64 0.00	88.58 5.64 0.00	92.45 4.99 0.00	84.41 3.79 0.00	79.79 3.00 0.00	69.64 1.96 0.00	59.17 2.06 0.00	56.34 2.58 0.00
FARRAGUT___LBMP 323566	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.96 2.96 0.00	45.58 3.06 0.00	50.54 3.44 0.00	52.02 3.27 0.00	55.91 3.41 0.00	58.52 3.62 0.00	60.75 3.33 0.00	64.95 3.44 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.50 5.56 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.28 2.53 0.00
FENNER___WINDPWR 24204	57.07 1.28 0.00	49.05 1.10 0.00	43.04 0.89 0.00	41.50 0.81 0.00	41.23 0.77 0.00	40.80 0.80 0.00	43.50 0.81 0.00	39.61 0.62 0.00	42.99 0.47 0.00	47.62 0.52 0.00	49.34 0.59 0.00	53.23 0.73 0.00	55.67 0.77 0.00	58.46 1.03 0.00	62.73 1.23 0.00	65.53 1.28 0.00	78.15 2.06 0.00	85.43 2.49 0.00	90.52 3.06 0.00	83.68 3.06 0.00	79.41 2.61 0.00	69.70 2.03 0.00	58.65 1.54 0.00	55.15 1.40 0.00
FIBERTEK___ENERGY 23856	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
FITZPATRICK___ 23598	54.17 -1.62 0.00	46.65 -1.29 0.00	40.98 -1.18 0.00	39.55 -1.14 0.00	39.25 -1.21 0.00	38.80 -1.20 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.55 -1.55 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.87 -1.55 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.71 -1.75 0.00	79.17 -1.45 0.00	75.11 -1.69 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	59.19 3.40 0.00	51.11 3.16 0.00	44.94 2.78 0.00	43.25 2.56 0.00	43.01 2.55 0.00	42.44 2.44 0.00	45.38 2.69 0.00	41.45 2.46 0.00	44.94 2.42 0.00	49.74 2.64 0.00	51.39 2.63 0.00	55.33 2.83 0.00	57.92 3.02 0.00	60.52 3.10 0.00	64.82 3.32 0.00	67.71 3.47 0.00	80.73 4.64 0.00	88.67 5.72 0.00	93.06 5.60 0.00	85.06 4.43 0.00	80.49 3.69 0.00	70.38 2.71 0.00	59.51 2.40 0.00	56.34 2.58 0.00
FORT ORANGE___ 23900	57.01 1.23 0.00	49.19 1.24 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.45 0.00	41.40 1.40 0.00	44.15 1.45 0.00	40.16 1.17 0.00	42.90 0.38 0.00	47.20 0.09 0.00	48.70 -0.05 0.00	52.29 -0.21 0.00	54.63 -0.27 0.00	56.96 -0.46 0.00	60.70 -0.80 0.00	63.54 -0.71 0.00	75.78 -0.30 0.01	83.19 0.25 0.00	87.73 0.26 0.00	80.70 0.08 0.00	76.65 -0.15 0.00	67.34 -0.34 0.00	57.00 -0.11 0.00	53.76 0.00 0.00
FORT_DRUM_COGEN 23780	58.02 2.23 0.00	49.43 1.49 0.00	43.17 1.01 0.00	41.54 0.85 0.00	41.39 0.93 0.00	40.96 0.96 0.00	43.50 0.81 0.00	39.46 0.47 0.00	42.94 0.43 0.00	47.38 0.28 0.00	49.00 0.24 0.00	52.76 0.26 0.00	55.12 0.22 0.00	58.00 0.57 0.00	62.24 0.74 0.00	64.95 0.71 0.00	77.84 1.75 0.00	85.02 2.07 0.00	91.22 3.76 0.00	85.14 4.51 0.00	80.95 4.15 0.00	71.13 3.45 0.00	59.62 2.51 0.00	55.75 1.99 0.00
FOX_HILLS___ESR 323835	53.18 2.90 5.50	51.44 3.50 0.00	45.61 3.46 0.00	43.82 3.13 0.00	43.38 2.91 0.00	42.76 2.76 0.00	45.55 2.86 0.00	41.64 2.65 0.00	45.20 2.68 0.00	49.87 2.78 0.01	51.27 2.68 0.17	53.56 2.68 1.61	57.66 2.96 0.20	59.95 2.93 0.40	56.20 3.01 8.31	56.14 2.96 11.06	71.88 4.03 8.25	73.36 4.98 14.56	71.76 4.46 20.16	59.11 3.31 24.82	61.80 2.46 17.46	53.73 1.56 15.50	53.40 1.66 5.37	54.55 1.94 1.14
FPL_FAR_ROCK_GT1 24212	61.20 5.41 -0.01	53.03 5.08 -0.01	46.68 4.51 -0.01	44.86 4.15 -0.01	44.48 4.01 -0.01	43.96 3.96 0.00	46.58 3.88 0.00	42.82 3.82 0.00	51.55 4.29 -4.74	55.55 4.71 -3.74	74.01 4.78 -20.48	77.08 5.09 -19.49	60.22 5.32 0.00	62.19 4.76 0.00	66.18 4.67 0.00	69.07 4.82 0.00	81.88 5.78 0.00	90.41 7.05 -0.42	93.93 6.47 0.00	85.53 4.92 0.01	80.13 3.99 0.66	69.83 2.78 0.62	59.91 2.80 0.00	57.46 3.71 0.00
FPL_FAR_ROCK_GT2 23815	61.20 5.41 -0.01	53.03 5.08 -0.01	46.68 4.51 -0.01	44.86 4.15 -0.01	44.48 4.01 -0.01	43.96 3.96 0.00	46.58 3.88 0.00	42.82 3.82 0.00	51.55 4.29 -4.74	55.55 4.71 -3.74	74.01 4.78 -20.48	77.08 5.09 -19.49	60.22 5.32 0.00	62.19 4.76 0.00	66.18 4.67 0.00	69.07 4.82 0.00	81.88 5.78 0.00	90.41 7.05 -0.42	93.93 6.47 0.00	85.53 4.92 0.01	80.13 3.99 0.66	69.83 2.78 0.62	59.91 2.80 0.00	57.46 3.71 0.00
FRANKLIN_FALL_HYD 24054	56.34 0.56 0.00	48.23 0.29 0.00	42.37 0.21 0.00	40.89 0.20 0.00	40.75 0.28 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.34 0.35 0.00	43.33 0.81 0.00	48.23 1.13 0.00	49.87 1.12 0.00	53.44 0.94 0.00	56.11 1.21 0.00	58.40 0.98 0.00	62.43 0.92 0.00	65.21 0.96 0.00	77.08 0.99 0.00	83.28 0.33 0.00	88.07 0.61 0.00	81.51 0.89 0.00	78.41 1.61 0.00	69.23 1.56 0.00	58.31 1.20 0.00	54.67 0.91 0.00

FREEPORT_EQUS_GT1 23764	60.59 4.80 -0.01	52.45 4.51 -0.01	46.17 4.01 -0.01	44.40 3.70 -0.01	43.99 3.52 -0.01	43.48 3.48 0.00	46.11 3.42 0.00	42.38 3.39 0.00	48.03 3.78 -1.73	52.67 4.19 -1.38	60.88 4.19 -7.93	64.39 4.35 -7.54	59.45 4.55 0.00	61.27 3.85 0.00	64.95 3.44 0.00	67.77 3.53 0.00	80.35 4.26 0.00	88.42 5.47 0.00	92.18 4.72 0.00	83.92 3.31 0.01	75.75 2.46 3.50	66.10 1.69 3.27	59.05 1.94 0.00	56.87 3.12 0.00
FREEPORT___CT2 23818	60.59 4.80 -0.01	52.45 4.51 -0.01	46.17 4.01 -0.01	44.40 3.70 -0.01	43.99 3.52 -0.01	43.48 3.48 0.00	46.11 3.42 0.00	42.38 3.39 0.00	48.03 3.78 -1.73	52.67 4.19 -1.38	60.88 4.19 -7.93	64.39 4.35 -7.54	59.45 4.55 0.00	61.27 3.85 0.00	64.95 3.44 0.00	67.77 3.53 0.00	80.35 4.26 0.00	88.42 5.47 0.00	92.18 4.72 0.00	83.92 3.31 0.01	75.75 2.46 3.50	66.10 1.69 3.27	59.05 1.94 0.00	56.87 3.12 0.00
FRESHKLS_33_KV_LOAD 356253	53.13 2.85 5.50	51.44 3.50 0.00	45.70 3.54 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.80 2.80 0.00	45.60 2.90 0.00	41.68 2.69 0.00	45.24 2.72 0.00	49.83 2.73 0.01	51.22 2.63 0.17	53.45 2.57 1.61	57.55 2.85 0.20	59.89 2.87 0.40	56.14 2.95 8.31	56.08 2.89 11.06	71.80 3.96 8.25	73.36 4.98 14.56	71.76 4.46 20.16	59.11 3.31 24.82	61.78 2.46 17.47	53.64 1.49 15.52	53.32 1.60 5.39	54.43 1.83 1.16
FULTON COGEN____ 23766	55.00 -0.78 0.00	47.37 -0.58 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.77 -0.69 0.00	39.32 -0.68 0.00	41.97 -0.73 0.00	38.37 -0.62 0.00	41.63 -0.89 0.00	46.07 -1.04 0.00	47.88 -0.88 0.00	51.60 -0.89 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.77 -0.74 0.00	63.47 -0.77 0.00	75.48 -0.61 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.62 0.00 0.00	76.34 -0.46 0.00	67.13 -0.54 0.00	56.54 -0.57 0.00	53.27 -0.48 0.00
FULTON___LFGE 323630	60.58 4.80 0.00	52.11 4.17 0.00	45.74 3.58 0.00	44.03 3.34 0.00	43.78 3.32 0.00	43.28 3.28 0.00	46.11 3.42 0.00	41.68 2.69 0.00	44.94 2.42 0.00	49.50 2.40 0.00	51.09 2.34 0.00	54.86 2.36 0.00	57.48 2.58 0.00	60.46 3.04 0.00	64.95 3.44 0.00	68.03 3.79 0.00	81.19 5.10 0.00	89.58 6.64 0.00	95.24 7.78 0.00	88.28 7.66 0.00	84.02 7.22 0.00	73.70 6.02 0.00	61.96 4.85 0.00	58.27 4.52 0.00
G.F.CEMENT___DRP 24184	59.19 3.40 0.00	50.91 2.97 0.00	44.81 2.66 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.40 2.40 0.00	45.17 2.48 0.00	41.18 2.18 0.00	44.47 1.96 0.00	48.99 1.88 0.00	50.12 1.37 0.00	53.76 1.26 0.00	56.16 1.26 0.00	58.97 1.55 0.00	63.10 1.60 0.00	66.30 2.06 0.00	78.98 2.89 0.00	87.17 4.23 0.00	93.15 5.69 0.00	85.86 5.24 0.00	81.87 5.07 0.00	71.80 4.13 0.00	60.42 3.31 0.00	56.77 3.01 0.00
GARDENVILLE___LBMP 24039	54.89 -0.89 0.00	47.56 -0.38 0.00	41.40 -0.76 0.00	40.00 -0.69 0.00	38.97 -1.50 0.00	38.64 -1.36 0.00	40.94 -1.75 0.00	37.63 -1.36 0.00	40.65 -1.87 0.00	45.27 -1.84 0.00	47.92 -0.83 0.00	52.02 -0.47 0.00	54.46 -0.44 0.00	57.13 -0.29 0.00	61.63 0.12 0.00	63.98 -0.26 0.00	76.40 0.30 0.00	83.19 0.25 0.00	87.64 0.17 0.00	82.56 1.93 0.00	76.88 0.08 0.00	67.40 -0.27 0.00	57.00 -0.11 0.00	54.19 0.43 0.00
GARDNVLA_35_KV_LD 355827	55.06 -0.73 0.00	47.70 -0.24 0.00	41.52 -0.63 0.00	40.12 -0.57 0.00	39.05 -1.42 0.00	38.72 -1.28 0.00	41.07 -1.62 0.00	37.78 -1.21 0.00	40.82 -1.70 0.00	45.50 -1.60 0.00	48.17 -0.59 0.00	52.29 -0.21 0.00	54.74 -0.16 0.00	57.48 0.06 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.85 0.76 0.00	83.69 0.75 0.00	88.16 0.70 0.00	82.96 2.34 0.00	77.26 0.46 0.00	67.74 0.07 0.00	57.28 0.17 0.00	54.40 0.65 0.00
GELCKHM___115KV_LOAD 80723	55.12 -0.67 0.00	47.46 -0.48 0.00	41.65 -0.51 0.00	40.16 -0.53 0.00	39.86 -0.61 0.00	39.40 -0.60 0.00	42.05 -0.64 0.00	38.41 -0.58 0.00	41.71 -0.81 0.00	46.16 -0.94 0.00	48.02 -0.73 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.01 -0.49 0.00	63.79 -0.45 0.00	75.86 -0.23 0.00	82.94 0.00 0.00	87.46 0.00 0.00	80.94 0.32 0.00	76.57 -0.23 0.00	67.34 -0.34 0.00	56.71 -0.40 0.00	53.49 -0.27 0.00
GENERAL___MILLS 23808	54.95 -0.84 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.68 -1.32 0.00	40.99 -1.71 0.00	37.71 -1.29 0.00	40.73 -1.79 0.00	45.36 -1.74 0.00	48.07 -0.68 0.00	52.13 -0.37 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.75 0.25 0.00	64.18 -0.06 0.00	76.63 0.53 0.00	83.44 0.50 0.00	87.90 0.44 0.00	82.72 2.10 0.00	77.03 0.23 0.00	67.54 -0.14 0.00	57.17 0.06 0.00	54.30 0.54 0.00
GE_PLASTICS___DRP 24183	56.79 1.00 0.00	49.00 1.05 0.00	43.25 1.10 0.00	41.87 1.18 0.00	41.68 1.21 0.00	41.20 1.20 0.00	43.93 1.24 0.00	40.01 1.01 0.00	43.11 0.60 0.00	47.57 0.47 0.00	49.05 0.29 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.08 -0.34 0.00	60.89 -0.62 0.00	63.66 -0.58 0.00	75.47 -0.46 0.16	82.86 -0.08 0.00	87.46 0.00 0.00	80.30 -0.32 0.00	76.26 -0.54 0.00	67.13 -0.54 0.00	56.71 -0.40 0.00	53.54 -0.22 0.00
GILBOA___1 23756	57.01 1.23 0.00	49.19 1.24 0.00	43.29 1.14 0.00	41.91 1.22 0.00	41.96 1.50 0.00	41.48 1.48 0.00	44.27 1.58 0.00	40.00 1.01 0.00	43.32 0.81 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.28 0.79 0.00	55.73 0.82 0.00	58.17 0.74 0.00	62.30 0.80 0.00	65.07 0.83 0.00	77.24 1.14 0.00	84.35 1.41 0.00	88.78 1.31 0.00	81.83 1.21 0.00	77.65 0.85 0.00	68.28 0.61 0.00	57.68 0.57 0.00	54.51 0.75 0.00
GILBOA___2 23757	57.01 1.23 0.00	49.19 1.24 0.00	43.29 1.14 0.00	41.91 1.22 0.00	41.96 1.50 0.00	41.48 1.48 0.00	44.27 1.58 0.00	40.00 1.01 0.00	43.32 0.81 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.28 0.79 0.00	55.73 0.82 0.00	58.17 0.74 0.00	62.30 0.80 0.00	65.07 0.83 0.00	77.24 1.14 0.00	84.35 1.41 0.00	88.78 1.31 0.00	81.83 1.21 0.00	77.65 0.85 0.00	68.28 0.61 0.00	57.68 0.57 0.00	54.51 0.75 0.00
GILBOA___3 23758	57.01 1.23 0.00	49.19 1.24 0.00	43.29 1.14 0.00	41.91 1.22 0.00	41.96 1.50 0.00	41.48 1.48 0.00	44.27 1.58 0.00	40.00 1.01 0.00	43.32 0.81 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.28 0.79 0.00	55.73 0.82 0.00	58.17 0.74 0.00	62.30 0.80 0.00	65.07 0.83 0.00	77.24 1.14 0.00	84.35 1.41 0.00	88.78 1.31 0.00	81.83 1.21 0.00	77.65 0.85 0.00	68.28 0.61 0.00	57.68 0.57 0.00	54.51 0.75 0.00
GILBOA___4 23759	57.01 1.23 0.00	49.19 1.24 0.00	43.29 1.14 0.00	41.91 1.22 0.00	41.96 1.50 0.00	41.48 1.48 0.00	44.27 1.58 0.00	40.00 1.01 0.00	43.32 0.81 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.28 0.79 0.00	55.73 0.82 0.00	58.17 0.74 0.00	62.30 0.80 0.00	65.07 0.83 0.00	77.24 1.14 0.00	84.35 1.41 0.00	88.78 1.31 0.00	81.83 1.21 0.00	77.65 0.85 0.00	68.28 0.61 0.00	57.68 0.57 0.00	54.51 0.75 0.00

GILBOA____ 23599	57.01 1.23 0.00	49.19 1.25 0.00	43.29 1.14 0.00	41.91 1.22 0.00	41.96 1.50 0.00	41.48 1.48 0.00	44.32 1.62 0.00	40.01 1.01 0.00	43.37 0.85 0.00	47.95 0.85 0.00	49.53 0.78 0.00	53.28 0.79 0.00	55.72 0.82 0.00	58.17 0.75 0.00	62.30 0.80 0.00	65.08 0.84 0.00	77.16 1.07 0.00	84.35 1.41 0.00	88.86 1.40 0.00	81.83 1.21 0.00	77.57 0.77 0.00	68.28 0.61 0.00	57.68 0.57 0.00	54.51 0.75 0.00
GINNA____ 23603	53.16 -2.62 0.00	45.83 -2.11 0.00	40.01 -2.15 0.00	38.70 -1.99 0.00	38.04 -2.43 0.00	37.60 -2.40 0.00	39.96 -2.73 0.00	36.69 -2.30 0.00	39.76 -2.76 0.00	44.42 -2.68 0.00	46.66 -2.09 0.00	50.61 -1.89 0.00	52.93 -1.97 0.00	55.58 -1.84 0.00	59.90 -1.60 0.00	62.32 -1.93 0.00	74.35 -1.75 0.00	81.12 -1.83 0.00	86.15 -1.31 0.00	79.74 -0.89 0.00	74.88 -1.92 0.00	65.85 -1.82 0.00	55.45 -1.66 0.00	52.42 -1.34 0.00
GLEN PARK____ 23778	58.30 2.51 0.00	49.52 1.58 0.00	43.25 1.09 0.00	41.63 0.94 0.00	41.47 1.01 0.00	41.08 1.08 0.00	43.59 0.90 0.00	39.46 0.47 0.00	42.94 0.43 0.00	47.34 0.24 0.00	48.90 0.15 0.00	52.76 0.26 0.00	55.07 0.17 0.00	57.94 0.52 0.00	62.18 0.68 0.00	64.88 0.64 0.00	77.92 1.82 0.00	85.18 2.24 0.00	91.66 4.20 0.00	85.54 4.92 0.00	81.41 4.61 0.00	71.46 3.79 0.00	59.91 2.80 0.00	55.96 2.20 0.00
GLENDALE_27_KV_LOAD 356172	59.30 3.51 0.00	51.78 3.84 0.00	45.74 3.58 0.00	43.94 3.26 0.00	43.54 3.08 0.00	43.00 3.00 0.00	45.90 3.20 0.00	42.03 3.04 0.00	45.62 3.10 0.00	50.49 3.39 0.00	52.07 3.32 0.00	55.91 3.41 0.00	58.47 3.57 0.00	60.06 3.27 0.64	59.65 3.38 5.24	59.66 3.34 7.92	60.61 4.49 19.97	61.65 5.47 26.77	60.40 4.90 31.96	59.76 3.71 24.57	59.67 2.92 20.05	59.59 1.89 9.98	59.11 2.00 0.00	56.28 2.53 0.00
GLENWOOD_IC_1_G5 23712	60.02 4.24 0.00	51.97 4.03 0.00	45.74 3.58 0.00	43.99 3.30 0.00	43.62 3.16 0.00	43.12 3.12 0.00	45.94 3.24 0.00	42.15 3.16 0.00	47.08 3.40 -1.16	51.85 3.82 -0.93	58.67 3.46 -6.45	62.30 3.67 -6.13	58.58 3.68 0.00	60.81 3.39 0.00	64.82 3.32 0.00	67.65 3.40 0.00	80.28 4.19 0.00	88.17 5.23 0.00	92.10 4.64 0.00	84.00 3.39 0.01	77.24 2.53 2.10	67.34 1.62 1.96	59.11 2.00 0.00	56.71 2.96 0.00
GLENWOOD_IC_2_G1 23688	59.59 3.80 -0.01	51.59 3.64 -0.01	45.41 3.25 -0.01	43.67 2.97 -0.01	43.34 2.87 -0.01	42.88 2.88 0.00	45.73 3.03 0.00	41.92 2.93 0.00	46.20 3.10 -0.58	50.97 3.39 -0.47	57.57 3.41 -5.41	61.15 3.52 -5.13	58.64 3.74 0.00	60.75 3.33 0.00	64.82 3.32 0.00	67.58 3.34 0.00	80.50 4.41 0.00	88.33 5.39 0.00	92.18 4.72 0.00	84.25 3.63 0.00	79.62 2.84 0.02	69.48 1.83 0.02	58.99 1.88 0.00	56.34 2.58 0.00
GLENWOOD_IC_3_G1 23689	59.59 3.80 -0.01	51.59 3.64 -0.01	45.41 3.25 -0.01	43.67 2.97 -0.01	43.34 2.87 -0.01	42.88 2.88 0.00	45.73 3.03 0.00	41.92 2.93 0.00	46.20 3.10 -0.58	50.97 3.39 -0.47	57.57 3.41 -5.41	61.15 3.52 -5.13	58.64 3.74 0.00	60.75 3.33 0.00	64.82 3.32 0.00	67.58 3.34 0.00	80.50 4.41 0.00	88.33 5.39 0.00	92.18 4.72 0.00	84.25 3.63 0.00	79.62 2.84 0.02	69.48 1.83 0.02	58.99 1.88 0.00	56.34 2.58 0.00
GLENWOOD____4 23550	60.02 4.24 0.00	51.97 4.03 0.00	45.74 3.58 0.00	43.99 3.30 0.00	43.62 3.16 0.00	43.12 3.12 0.00	45.94 3.24 0.00	42.15 3.16 0.00	47.08 3.40 -1.16	51.85 3.82 -0.93	58.81 3.61 -6.45	62.41 3.78 -6.13	58.69 3.79 0.00	60.98 3.56 0.00	64.95 3.44 0.00	67.78 3.53 0.00	80.43 4.34 0.00	88.34 5.39 0.00	92.36 4.90 0.00	84.16 3.55 0.01	77.47 2.76 2.10	67.48 1.76 1.96	59.22 2.11 0.00	56.71 2.96 0.00
GLENWOOD____5 23614	60.02 4.24 0.00	51.97 4.03 0.00	45.74 3.58 0.00	43.99 3.30 0.00	43.62 3.16 0.00	43.12 3.12 0.00	45.94 3.24 0.00	42.15 3.16 0.00	47.08 3.40 -1.16	51.85 3.82 -0.93	58.81 3.61 -6.45	62.41 3.78 -6.13	58.69 3.79 0.00	60.98 3.56 0.00	64.95 3.44 0.00	67.78 3.53 0.00	80.43 4.34 0.00	88.34 5.39 0.00	92.36 4.90 0.00	84.16 3.55 0.01	77.47 2.76 2.10	67.48 1.76 1.96	59.22 2.11 0.00	56.71 2.96 0.00
GLOBAL GREEN_PORT_GT1 23814	61.93 6.14 -0.01	53.46 5.51 -0.01	46.88 4.72 -0.01	44.93 4.23 -0.01	44.35 3.88 -0.01	43.80 3.80 0.00	46.11 3.42 0.00	42.50 3.51 0.00	47.09 4.29 -0.28	52.38 5.04 -0.23	55.48 5.36 -1.36	59.29 5.51 -1.28	60.89 5.99 0.00	62.76 5.34 0.00	66.34 5.04 0.21	69.70 5.46 0.00	82.32 6.24 0.01	90.65 8.04 0.33	94.98 7.52 0.00	85.77 5.16 0.02	74.14 3.69 6.35	64.33 2.57 5.92	60.54 3.43 0.00	58.17 4.41 0.00
GLOBE____DSASP 323697	53.05 -2.73 0.00	46.02 -1.92 0.00	40.05 -2.11 0.00	39.27 -1.42 0.00	38.16 -2.31 0.00	37.40 -2.60 0.00	39.53 -3.16 0.00	36.34 -2.65 0.00	39.33 -3.19 0.00	43.71 -3.39 0.00	46.32 -2.44 0.00	50.29 -2.20 0.00	52.54 -2.36 0.00	55.07 -2.35 0.00	59.35 -2.15 0.00	61.54 -2.70 0.00	73.51 -2.59 0.00	79.88 -3.07 0.00	84.05 -3.41 0.00	79.09 -1.53 0.00	73.73 -3.07 0.00	64.77 -2.91 0.00	54.94 -2.17 0.00	52.36 -1.40 0.00
GOETHSLN____LBMP 323567	53.39 3.12 5.52	51.15 3.21 0.00	45.06 2.91 0.00	43.33 2.64 0.00	43.01 2.55 0.00	42.56 2.56 0.00	45.60 2.90 0.00	41.80 2.81 0.00	45.41 2.89 0.00	50.30 3.20 0.00	51.57 2.97 0.16	53.93 3.04 1.61	57.94 3.24 0.20	59.95 2.93 0.40	56.15 2.95 8.31	56.15 2.96 11.05	71.89 4.03 8.24	73.29 4.89 14.55	71.59 4.29 20.15	58.95 3.14 24.81	61.71 2.38 17.47	53.58 1.42 15.51	53.32 1.60 5.39	54.80 2.20 1.16
GOLAH____69_KV_TB 1_2 80279	55.51 -0.28 0.00	47.89 -0.05 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.53 -0.93 0.00	39.16 -0.84 0.00	41.54 -1.15 0.00	38.06 -0.94 0.00	41.12 -1.40 0.00	45.69 -1.41 0.00	48.17 -0.59 0.00	52.18 -0.31 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.81 0.31 0.00	64.31 0.06 0.00	76.78 0.68 0.00	84.02 1.08 0.00	88.69 1.22 0.00	83.20 2.58 0.00	77.95 1.15 0.00	68.49 0.81 0.00	57.74 0.63 0.00	54.62 0.86 0.00
GOODYEAR_LAKE_HYD 323669	58.35 2.57 0.00	50.29 2.35 0.00	44.14 1.98 0.00	42.56 1.87 0.00	42.40 1.94 0.00	42.00 2.00 0.00	44.83 2.13 0.00	40.67 1.68 0.00	44.13 1.62 0.00	48.84 1.74 0.00	50.61 1.85 0.00	54.60 2.10 0.00	57.15 2.25 0.00	59.95 2.53 0.00	64.27 2.77 0.00	67.07 2.83 0.00	79.97 3.88 0.00	87.59 4.64 0.00	92.53 5.07 0.00	85.38 4.76 0.00	80.79 3.99 0.00	70.92 3.25 0.00	59.74 2.63 0.00	56.28 2.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	56.34 0.56 0.00	48.61 0.67 0.00	42.58 0.42 0.00	41.06 0.37 0.00	40.66 0.20 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.19 0.19 0.00	42.43 -0.09 0.00	47.05 -0.05 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.45 0.00	84.85 1.91 0.00	89.47 2.01 0.00	82.96 2.34 0.00	78.26 1.46 0.00	68.76 1.08 0.00	57.91 0.80 0.00	54.78 1.02 0.00

GOUDEY___7 23579	56.34 0.56 0.00	48.61 0.67 0.00	42.58 0.42 0.00	41.06 0.37 0.00	40.66 0.20 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.19 0.19 0.00	42.43 -0.09 0.00	47.05 -0.05 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.45 0.00	84.85 1.91 0.00	89.47 2.01 0.00	82.96 2.34 0.00	78.26 1.46 0.00	68.76 1.08 0.00	57.91 0.80 0.00	54.78 1.02 0.00
GOUDEY___8 23580	56.34 0.56 0.00	48.61 0.67 0.00	42.58 0.42 0.00	41.06 0.37 0.00	40.66 0.20 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.19 0.19 0.00	42.43 -0.09 0.00	47.05 -0.05 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.45 0.00	84.85 1.91 0.00	89.47 2.01 0.00	82.96 2.34 0.00	78.26 1.46 0.00	68.76 1.08 0.00	57.91 0.80 0.00	54.78 1.02 0.00
GOWANUS_GT1_1 24077	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_2 24078	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_3 24079	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_4 24080	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_5 24084	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_6 24111	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_7 24112	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT1_8 24113	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT2_1 24114	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
GOWANUS_GT2_2 24115	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
GOWANUS_GT2_3 24116	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
GOWANUS_GT2_4 24117	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
GOWANUS_GT2_5 24118	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01

GOWANUS_GT2_6 24119	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.02	51.72	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT2_7 24120	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.02	51.72	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT2_8 24121	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.02	51.72	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_1 24122	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_2 24123	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_3 24124	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_4 24125	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_5 24126	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_6 24127	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_7 24128	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT3_8 24129	59.01	51.58	45.66	43.87	43.41	42.84	45.64	41.76	45.32	50.03	51.73	55.48	58.19	60.63	64.88	59.60	78.20	74.19	72.24	59.76	64.35	69.56	58.88	55.90
	3.23	3.64	3.50	3.18	2.95	2.84	2.94	2.77	2.81	2.92	2.97	2.99	3.29	3.21	3.38	3.27	4.57	5.47	4.72	3.71	2.99	1.89	1.77	2.15
	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.01	0.01
GOWANUS_GT4_1 24130	59.02	51.59	45.65	43.90	43.46	42.84	45.68	41.76	45.33	50.11	51.72	55.49	58.14	60.69	64.88	59.60	78.05	74.11	72.42	59.68	64.28	69.56	59.05	55.96
	3.24	3.64	3.50	3.21	2.99	2.84	2.99	2.77	2.81	3.01	2.97	2.99	3.24	3.27	3.38	3.28	4.41	5.39	4.90	3.63	2.92	1.89	1.94	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.00	0.00
GOWANUS_GT4_2 24131	59.02	51.59	45.65	43.90	43.46	42.84	45.68	41.76	45.33	50.11	51.72	55.49	58.14	60.69	64.88	59.60	78.05	74.11	72.42	59.68	64.28	69.56	59.05	55.96
	3.24	3.64	3.50	3.21	2.99	2.84	2.99	2.77	2.81	3.01	2.97	2.99	3.24	3.27	3.38	3.28	4.41	5.39	4.90	3.63	2.92	1.89	1.94	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.00	0.00
GOWANUS_GT4_3 24132	59.02	51.59	45.65	43.90	43.46	42.84	45.68	41.76	45.33	50.11	51.72	55.49	58.14	60.69	64.88	59.60	78.05	74.11	72.42	59.68	64.28	69.56	59.05	55.96
	3.24	3.64	3.50	3.21	2.99	2.84	2.99	2.77	2.81	3.01	2.97	2.99	3.24	3.27	3.38	3.28	4.41	5.39	4.90	3.63	2.92	1.89	1.94	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.00	0.00
GOWANUS_GT4_4 24133	59.02	51.59	45.65	43.90	43.46	42.84	45.68	41.76	45.33	50.11	51.72	55.49	58.14	60.69	64.88	59.60	78.05	74.11	72.42	59.68	64.28	69.56	59.05	55.96
	3.24	3.64	3.50	3.21	2.99	2.84	2.99	2.77	2.81	3.01	2.97	2.99	3.24	3.27	3.38	3.28	4.41	5.39	4.90	3.63	2.92	1.89	1.94	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	7.92	2.46	14.23	19.94	24.57	15.44	0.01	0.00	0.00

GOWANUS_GT4_5 24134	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.11 3.01 0.01	51.72 2.97 0.01	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT4_6 24135	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.11 3.01 0.01	51.72 2.97 0.01	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT4_7 24136	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.11 3.01 0.01	51.72 2.97 0.01	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GOWANUS_GT4_8 24137	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.11 3.01 0.01	51.72 2.97 0.01	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GREATVRV_69_KV_BK1 356245	61.92 6.14 0.00	53.50 5.56 0.00	47.05 4.89 0.00	45.17 4.48 0.00	44.67 4.21 0.00	44.12 4.12 0.00	46.66 3.97 0.00	42.85 3.86 0.00	47.30 4.42 -0.36	52.49 5.09 -0.30	55.67 5.17 -1.75	59.34 5.20 -1.65	59.95 5.05 0.00	62.02 4.59 0.00	65.46 4.18 0.22	68.67 4.43 0.00	80.80 4.72 0.01	88.77 6.14 0.32	93.06 5.60 0.00	84.39 3.79 0.02	73.65 3.00 6.15	63.97 2.03 5.73	60.54 3.43 0.00	57.79 4.03 0.00
GREENBSH_115KV_TB3 55895	56.62 0.84 0.00	48.85 0.91 0.00	43.21 1.05 0.00	41.91 1.22 0.00	41.72 1.25 0.00	41.20 1.20 0.00	43.93 1.24 0.00	40.05 1.05 0.00	42.99 0.47 0.00	47.43 0.33 0.00	48.85 0.10 0.00	52.50 0.00 0.00	54.79 -0.11 0.00	57.08 -0.34 0.00	60.95 -0.55 0.00	63.79 -0.45 0.00	75.86 -0.23 0.00	83.28 0.33 0.00	87.90 0.44 0.00	80.70 0.08 0.00	76.57 -0.23 0.00	67.34 -0.34 0.00	56.88 -0.23 0.00	53.70 -0.05 0.00
GREENDGE_115KV_TB5 80291	56.12 0.33 0.00	48.37 0.43 0.00	42.54 0.38 0.00	41.02 0.33 0.00	40.42 -0.04 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.07 0.08 0.00	42.14 -0.38 0.00	46.63 -0.47 0.00	48.51 -0.24 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.77 0.34 0.00	62.24 0.74 0.00	65.01 0.77 0.00	77.62 1.52 0.00	85.18 2.24 0.00	89.91 2.45 0.00	84.25 3.63 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.31 1.20 0.00	55.10 1.34 0.00
GREENIDGE___3 23582	56.12 0.33 0.00	48.37 0.43 0.00	42.54 0.38 0.00	41.02 0.33 0.00	40.42 -0.04 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.07 0.08 0.00	42.14 -0.38 0.00	46.63 -0.47 0.00	48.51 -0.24 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.77 0.34 0.00	62.24 0.74 0.00	65.01 0.77 0.00	77.62 1.52 0.00	85.18 2.24 0.00	89.91 2.45 0.00	84.25 3.63 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.31 1.20 0.00	55.10 1.34 0.00
GREENIDGE___4 23583	56.12 0.34 0.00	48.37 0.43 0.00	42.53 0.38 0.00	41.10 0.41 0.00	40.46 0.00 0.00	40.04 0.04 0.00	42.78 0.09 0.00	39.07 0.08 0.00	42.18 -0.34 0.00	46.82 -0.28 0.00	48.51 -0.24 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.77 0.35 0.00	62.24 0.74 0.00	65.02 0.77 0.00	77.61 1.52 0.00	85.18 2.24 0.00	90.34 2.88 0.00	84.16 3.54 0.00	79.26 2.46 0.00	69.43 1.76 0.00	58.31 1.20 0.00	55.15 1.40 0.00
GREENLWN_69_KV_BK 3 55738	59.97 4.18 0.00	51.92 3.98 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.54 3.08 0.00	43.00 3.00 0.00	45.64 2.95 0.00	41.88 2.89 0.00	46.16 3.32 -0.32	51.09 3.72 -0.27	54.05 3.71 -1.59	57.51 3.52 -1.50	57.81 2.91 0.00	59.83 2.41 0.00	62.98 2.03 0.56	66.36 2.12 0.00	78.35 2.28 0.03	85.94 3.32 0.33	90.08 2.62 0.00	81.89 1.29 0.02	71.14 0.54 6.20	61.76 -0.14 5.78	58.42 1.31 0.00	56.23 2.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.12 3.01 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00
GRISSOM___SOLAR 323813	60.19 4.41 0.00	51.78 3.84 0.00	45.49 3.33 0.00	43.78 3.09 0.00	43.54 3.07 0.00	43.04 3.04 0.00	45.85 3.16 0.00	41.53 2.53 0.00	44.81 2.29 0.00	49.36 2.26 0.00	50.95 2.20 0.00	54.70 2.20 0.00	57.31 2.41 0.00	60.23 2.81 0.00	64.64 3.13 0.00	67.71 3.47 0.00	80.81 4.72 0.00	89.00 6.05 0.00	94.54 7.08 0.00	87.56 6.93 0.00	83.41 6.61 0.00	73.09 5.42 0.00	61.51 4.40 0.00	57.84 4.08 0.00
GROVEVILLE___HYD 323602	59.19 3.40 0.00	51.11 3.16 0.00	44.94 2.78 0.00	43.25 2.56 0.00	43.01 2.55 0.00	42.44 2.44 0.00	45.38 2.69 0.00	41.45 2.46 0.00	44.94 2.42 0.00	49.74 2.64 0.00	51.39 2.63 0.00	55.33 2.83 0.00	57.92 3.02 0.00	60.52 3.10 0.00	64.82 3.32 0.00	67.71 3.47 0.00	80.73 4.64 0.00	88.67 5.72 0.00	93.06 5.60 0.00	85.06 4.43 0.00	80.49 3.69 0.00	70.38 2.71 0.00	59.51 2.40 0.00	56.34 2.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
HAMLTNNY_34_KV_TB 80303	55.78 0.00 0.00	47.99 0.05 0.00	42.07 -0.08 0.00	40.61 -0.08 0.00	40.18 -0.28 0.00	39.72 -0.28 0.00	42.44 -0.26 0.00	38.80 -0.19 0.00	42.05 -0.47 0.00	46.58 -0.52 0.00	48.51 -0.24 0.00	52.44 -0.05 0.00	54.85 -0.05 0.00	57.59 0.17 0.00	61.87 0.37 0.00	64.69 0.45 0.00	76.93 0.84 0.00	84.19 1.24 0.00	88.86 1.40 0.00	82.31 1.69 0.00	77.80 1.00 0.00	68.35 0.68 0.00	57.57 0.46 0.00	54.30 0.54 0.00

HAMPSHIRE___PAPER_HYD 323593	56.62 0.84 0.00	48.37 0.43 0.00	42.33 0.17 0.00	40.73 0.04 0.00	40.71 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.48 0.38 0.00	49.19 0.44 0.00	52.91 0.42 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.61 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.13 0.00	82.32 1.70 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
HARDSCRABBLE_WT_PWR 323673	55.62 -0.17 0.00	47.85 -0.10 0.00	42.07 -0.08 0.00	40.61 -0.08 0.00	40.42 -0.04 0.00	39.96 -0.04 0.00	42.61 -0.09 0.00	38.84 -0.16 0.00	42.27 -0.25 0.00	46.82 -0.28 0.00	48.41 -0.34 0.00	52.18 -0.31 0.00	54.57 -0.33 0.00	57.14 -0.29 0.00	61.20 -0.31 0.00	63.92 -0.32 0.00	75.94 -0.15 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.62 0.00 0.00	76.57 -0.23 0.00	67.27 -0.40 0.00	56.71 -0.40 0.00	53.33 -0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.85 3.07 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.05 2.36 0.00	42.77 2.31 0.00	42.20 2.20 0.00	45.21 2.52 0.00	41.29 2.30 0.00	44.82 2.30 0.00	49.60 2.50 0.00	51.29 2.54 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.35 2.93 0.00	64.64 3.14 0.00	67.45 3.21 0.00	80.35 4.26 0.00	88.25 5.31 0.00	92.45 4.99 0.00	84.57 3.95 0.00	79.95 3.15 0.00	69.91 2.23 0.00	59.17 2.06 0.00	56.07 2.31 0.00
HARSNRAD_115KV_TB1 81005	54.28 -1.51 0.00	47.08 -0.86 0.00	40.98 -1.18 0.00	39.47 -1.22 0.00	38.40 -2.06 0.00	38.24 -1.76 0.00	40.22 -2.48 0.00	37.00 -1.99 0.00	39.97 -2.55 0.00	44.46 -2.64 0.00	47.14 -1.61 0.00	51.18 -1.31 0.00	53.36 -1.54 0.00	55.99 -1.44 0.00	60.27 -1.23 0.00	62.51 -1.73 0.00	74.72 -1.37 0.00	81.29 -1.66 0.00	85.54 -1.92 0.00	80.62 0.00 0.00	75.19 -1.61 0.00	65.92 -1.76 0.00	55.97 -1.14 0.00	53.22 -0.54 0.00
HARZA MOOSE___RIVER 24016	57.51 1.73 0.00	49.33 1.39 0.00	43.08 0.93 0.00	41.50 0.81 0.00	41.31 0.85 0.00	40.88 0.88 0.00	43.50 0.81 0.00	39.62 0.62 0.00	43.28 0.77 0.00	47.86 0.75 0.00	49.48 0.73 0.00	53.34 0.84 0.00	55.78 0.88 0.00	58.57 1.15 0.00	62.79 1.29 0.00	65.53 1.28 0.00	78.22 2.13 0.00	85.02 2.07 0.00	90.52 3.06 0.00	83.85 3.22 0.00	79.64 2.84 0.00	69.98 2.30 0.00	58.77 1.66 0.00	55.10 1.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	55.28 -0.50 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	39.94 -0.53 0.00	39.48 -0.52 0.00	42.18 -0.51 0.00	38.52 -0.47 0.00	41.80 -0.72 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	51.97 -0.52 0.00	54.35 -0.55 0.00	57.02 -0.40 0.00	61.26 -0.25 0.00	63.98 -0.26 0.00	76.09 0.00 0.00	83.28 0.33 0.00	87.81 0.35 0.00	81.27 0.64 0.00	76.88 0.08 0.00	67.54 -0.14 0.00	56.94 -0.17 0.00	53.65 -0.11 0.00
HELLGATE_13_KV_LD 55870	59.25 3.46 -0.01	51.78 3.84 0.00	45.78 3.63 0.00	43.99 3.30 0.00	43.58 3.12 0.00	43.04 3.04 0.00	45.94 3.24 0.00	42.03 3.04 0.00	45.58 3.06 0.00	50.49 3.39 0.00	52.07 3.32 0.00	55.86 3.36 0.00	58.41 3.51 0.00	60.29 3.27 0.40	61.60 3.38 3.28	62.63 3.34 4.95	68.08 4.49 12.50	71.67 5.47 16.75	72.37 4.90 19.99	68.96 3.71 15.37	67.17 2.92 12.55	63.32 1.89 6.25	59.05 1.94 0.00	56.29 2.53 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	59.25 3.46 -0.01	51.78 3.84 0.00	45.78 3.63 0.00	43.99 3.30 0.00	43.58 3.12 0.00	43.04 3.04 0.00	45.94 3.24 0.00	42.03 3.04 0.00	45.58 3.06 0.00	50.49 3.39 0.00	52.07 3.32 0.00	55.86 3.36 0.00	58.41 3.51 0.00	60.29 3.27 0.40	61.60 3.38 3.28	62.63 3.34 4.95	68.08 4.49 12.50	71.67 5.47 16.75	72.37 4.90 19.99	68.96 3.71 15.37	67.17 2.92 12.55	63.32 1.89 6.25	59.05 1.94 0.00	56.29 2.53 -0.01
HEMPSTEAD___ 23647	59.98 4.19 -0.01	51.98 4.03 -0.01	45.75 3.58 -0.01	43.96 3.26 -0.01	43.59 3.12 -0.01	43.12 3.12 0.00	45.77 3.08 0.00	42.04 3.04 0.00	47.23 3.40 -1.31	51.86 3.72 -1.04	58.86 3.66 -6.45	62.35 3.73 -6.13	58.80 3.90 0.00	60.69 3.27 0.00	64.58 3.07 0.00	67.39 3.15 0.00	79.97 3.88 0.00	87.92 4.98 0.00	91.66 4.20 0.00	83.51 2.90 0.01	75.79 2.15 3.16	65.95 1.22 2.95	58.59 1.48 0.00	56.39 2.63 0.00
HICKLING___1 23621	56.40 0.61 0.00	48.71 0.77 0.00	42.54 0.38 0.00	41.02 0.33 0.00	40.38 -0.08 0.00	40.00 0.00 0.00	42.78 0.09 0.00	38.99 0.00 0.00	42.09 -0.43 0.00	46.63 -0.47 0.00	48.85 0.10 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.17 0.75 0.00	62.61 1.11 0.00	65.40 1.16 0.00	78.00 1.90 0.00	85.43 2.49 0.00	90.17 2.71 0.00	84.33 3.71 0.00	79.18 2.38 0.00	69.43 1.76 0.00	58.37 1.26 0.00	55.37 1.61 0.00
HICKLING___2 23622	56.40 0.61 0.00	48.71 0.77 0.00	42.54 0.38 0.00	41.02 0.33 0.00	40.38 -0.08 0.00	40.00 0.00 0.00	42.78 0.09 0.00	38.99 0.00 0.00	42.09 -0.43 0.00	46.63 -0.47 0.00	48.85 0.10 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.17 0.75 0.00	62.61 1.11 0.00	65.40 1.16 0.00	78.00 1.90 0.00	85.43 2.49 0.00	90.17 2.71 0.00	84.33 3.71 0.00	79.18 2.38 0.00	69.43 1.76 0.00	58.37 1.26 0.00	55.37 1.61 0.00
HIGH FALLS___HY 23754	59.02 3.24 0.00	50.96 3.02 0.00	44.77 2.61 0.00	43.05 2.36 0.00	42.81 2.35 0.00	42.20 2.20 0.00	45.21 2.52 0.00	41.25 2.26 0.00	44.82 2.30 0.00	49.65 2.54 0.00	51.29 2.54 0.00	55.23 2.73 0.00	57.86 2.96 0.00	60.58 3.16 0.00	65.07 3.57 0.00	67.97 3.73 0.00	81.10 5.02 0.01	89.16 6.22 0.00	93.58 6.12 0.00	85.62 5.00 0.00	80.87 4.07 0.00	70.65 2.98 0.00	59.74 2.63 0.00	56.55 2.80 0.00
HIGH_RIVER___SOLAR 323847	58.57 2.79 0.00	50.43 2.49 0.00	44.35 2.19 0.00	42.72 2.03 0.00	42.52 2.06 0.00	42.04 2.04 0.00	44.74 2.05 0.00	40.59 1.60 0.00	43.71 1.19 0.00	48.09 0.99 0.00	49.58 0.83 0.00	53.23 0.73 0.00	55.78 0.88 0.00	58.57 1.15 0.00	62.92 1.42 0.00	65.85 1.61 0.00	78.37 2.28 0.00	86.35 3.40 0.00	91.57 4.11 0.00	84.73 4.11 0.00	80.64 3.84 0.00	70.79 3.11 0.00	59.68 2.57 0.00	56.23 2.47 0.00
HILLBURN___GT 23639	58.74 2.95 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.01 2.32 0.00	42.69 2.22 0.00	42.24 2.24 0.00	45.21 2.52 0.00	41.41 2.42 0.00	44.90 2.38 0.00	49.69 2.59 0.00	51.38 2.63 0.00	55.22 2.73 0.00	57.86 2.96 0.00	60.29 2.87 0.00	64.52 3.01 0.00	67.33 3.08 0.00	80.28 4.18 0.00	88.00 5.06 0.00	92.01 4.55 0.00	84.16 3.54 0.00	79.72 2.92 0.00	69.57 1.89 0.00	58.94 1.83 0.00	55.91 2.15 0.00
HILLSIDE_115KV_TB1 80332	55.62 -0.17 0.00	48.04 0.10 0.00	41.99 -0.17 0.00	40.53 -0.16 0.00	39.94 -0.53 0.00	39.52 -0.48 0.00	42.31 -0.38 0.00	38.56 -0.43 0.00	41.63 -0.89 0.00	46.16 -0.94 0.00	48.31 -0.44 0.00	52.34 -0.16 0.00	54.74 -0.16 0.00	57.42 0.00 0.00	61.81 0.31 0.00	64.50 0.26 0.00	76.93 0.84 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.80 2.18 0.00	77.80 1.00 0.00	68.28 0.61 0.00	57.40 0.29 0.00	54.51 0.75 0.00

HISHELDN_WT_PWR 323625	55.00 -0.78 0.00	47.66 -0.29 0.00	41.52 -0.63 0.00	40.24 -0.45 0.00	39.21 -1.25 0.00	38.84 -1.16 0.00	41.20 -1.50 0.00	37.71 -1.29 0.00	40.69 -1.83 0.00	45.50 -1.60 0.00	47.68 -1.07 0.00	51.76 -0.74 0.00	54.13 -0.77 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.66 -0.58 0.00	76.09 0.00 0.00	82.86 -0.08 0.00	88.43 0.96 0.00	82.32 1.70 0.00	77.11 0.31 0.00	67.54 -0.14 0.00	57.05 -0.06 0.00	54.30 0.54 0.00
HOLTSVILLE_IC_1 23690	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.60 1.15 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.50 2.74 0.00
HOLTSVILLE_IC_10 23699	61.03 5.24 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	45.98 3.29 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.73 4.38 -0.25	54.67 4.48 -1.44	58.20 4.35 -1.35	59.40 4.50 0.00	61.10 3.68 0.00	64.39 3.13 0.25	67.52 3.27 0.00	79.73 3.65 0.01	87.59 4.98 0.33	91.75 4.28 0.00	83.11 2.50 0.02	72.26 1.77 6.31	62.74 0.95 5.88	58.88 1.77 0.00	56.82 3.06 0.00
HOLTSVILLE_IC_2 23691	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.60 1.15 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.50 2.74 0.00
HOLTSVILLE_IC_3 23692	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.60 1.15 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.50 2.74 0.00
HOLTSVILLE_IC_4 23693	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.60 1.15 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.50 2.74 0.00
HOLTSVILLE_IC_5 23694	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.84 4.23 0.33	90.96 3.50 0.00	82.46 1.86 0.02	71.60 1.15 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.50 2.74 0.00
HOLTSVILLE_IC_6 23695	61.03 5.24 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	45.98 3.29 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.73 4.38 -0.25	54.67 4.48 -1.44	58.20 4.35 -1.35	59.40 4.50 0.00	61.10 3.68 0.00	64.39 3.13 0.25	67.52 3.27 0.00	79.73 3.65 0.01	87.59 4.98 0.33	91.75 4.28 0.00	83.11 2.50 0.02	72.26 1.77 6.31	62.74 0.95 5.88	58.88 1.77 0.00	56.82 3.06 0.00
HOLTSVILLE_IC_7 23696	61.03 5.24 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	45.98 3.29 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.73 4.38 -0.25	54.67 4.48 -1.44	58.20 4.35 -1.35	59.40 4.50 0.00	61.10 3.68 0.00	64.39 3.13 0.25	67.52 3.27 0.00	79.73 3.65 0.01	87.59 4.98 0.33	91.75 4.28 0.00	83.11 2.50 0.02	72.26 1.77 6.31	62.74 0.95 5.88	58.88 1.77 0.00	56.82 3.06 0.00
HOLTSVILLE_IC_8 23697	61.03 5.24 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	45.98 3.29 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.73 4.38 -0.25	54.67 4.48 -1.44	58.20 4.35 -1.35	59.40 4.50 0.00	61.10 3.68 0.00	64.39 3.13 0.25	67.52 3.27 0.00	79.73 3.65 0.01	87.59 4.98 0.33	91.75 4.28 0.00	83.11 2.50 0.02	72.26 1.77 6.31	62.74 0.95 5.88	58.88 1.77 0.00	56.82 3.06 0.00
HOLTSVILLE_IC_9 23698	61.03 5.24 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	45.98 3.29 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.73 4.38 -0.25	54.67 4.48 -1.44	58.20 4.35 -1.35	59.40 4.50 0.00	61.10 3.68 0.00	64.39 3.13 0.25	67.52 3.27 0.00	79.73 3.65 0.01	87.59 4.98 0.33	91.75 4.28 0.00	83.11 2.50 0.02	72.26 1.77 6.31	62.74 0.95 5.88	58.88 1.77 0.00	56.82 3.06 0.00
HOMER_HL_115KV_TB2 355744	54.11 -1.67 0.00	46.84 -1.10 0.00	40.76 -1.39 0.00	39.31 -1.38 0.00	38.40 -2.06 0.00	38.12 -1.88 0.00	40.73 -1.96 0.00	37.35 -1.64 0.00	40.31 -2.21 0.00	44.98 -2.12 0.00	47.49 -1.27 0.00	51.50 -1.00 0.00	53.97 -0.93 0.00	56.62 -0.80 0.00	61.01 -0.49 0.00	63.54 -0.71 0.00	75.79 -0.30 0.00	82.78 -0.17 0.00	87.20 -0.26 0.00	81.99 1.37 0.00	76.49 -0.31 0.00	67.07 -0.61 0.00	56.43 -0.69 0.00	53.60 -0.16 0.00
HOWARD_WT_PWR 323690	56.57 0.78 0.00	48.85 0.91 0.00	42.62 0.46 0.00	41.22 0.53 0.00	40.38 -0.08 0.00	39.96 -0.04 0.00	42.65 -0.04 0.00	38.88 -0.12 0.00	41.80 -0.72 0.00	46.44 -0.66 0.00	48.46 -0.29 0.00	52.60 0.11 0.00	55.01 0.11 0.00	57.83 0.40 0.00	62.30 0.80 0.00	64.95 0.71 0.00	77.61 1.52 0.00	85.10 2.15 0.00	90.78 3.32 0.00	84.81 4.19 0.00	79.72 2.92 0.00	69.78 2.10 0.00	58.59 1.48 0.00	55.53 1.77 0.00
HQ_GEN_CEDARS 23644	55.84 0.06 0.00	47.75 -0.19 0.00	41.99 -0.17 0.00	40.49 -0.20 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.57 -0.13 0.00	38.91 -0.08 0.00	42.99 0.47 0.00	47.76 0.66 0.00	49.44 0.68 0.00	53.02 0.52 0.00	55.56 0.66 0.00	58.00 0.57 0.00	62.00 0.49 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.36 -0.58 0.00	87.02 -0.44 0.00	80.46 -0.16 0.00	77.41 0.61 0.00	68.49 0.81 0.00	57.91 0.80 0.00	54.13 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	55.84 0.06 0.00	47.75 -0.19 0.00	41.99 -0.17 0.00	40.49 -0.20 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	40.93 -0.13 1.63	40.55 -0.08 -1.63	42.99 0.47 0.00	47.71 0.61 0.00	49.44 0.68 0.00	53.02 0.52 0.00	55.56 0.66 0.00	58.00 0.57 0.00	61.99 0.49 0.00	64.56 0.32 0.00	76.09 0.00 0.00	82.37 -0.58 0.00	86.94 -0.52 0.00	80.46 -0.16 0.00	77.34 0.54 0.00	70.83 0.82 -2.34	58.79 0.86 -0.82	50.98 0.38 3.16

HQ_GEN_IMPORT 323601	55.45 -0.33 0.00	47.46 -0.48 0.00	41.73 -0.42 0.00	40.28 -0.41 0.00	40.06 -0.40 0.00	39.60 -0.40 0.00	40.63 -0.43 1.63	6.75 -0.31 31.93	76.12 0.04 -33.56	47.20 0.09 0.00	48.85 0.10 0.00	52.55 0.05 0.00	55.01 0.11 0.00	57.48 0.06 0.00	61.50 0.00 0.00	64.24 0.00 0.00	76.57 -0.45 -0.93	81.10 -0.91 0.93	86.50 -0.96 0.00	79.82 -0.81 0.00	76.57 -0.23 0.00	70.08 0.07 -2.34	57.99 0.06 -0.82	50.49 -0.11 3.16
HQ_GEN_WHEEL 23651	55.45 -0.33 0.00	47.46 -0.48 0.00	41.73 -0.42 0.00	40.28 -0.41 0.00	40.06 -0.40 0.00	39.60 -0.40 0.00	40.63 -0.43 1.63	6.75 -0.31 31.93	76.12 0.04 -33.56	47.20 0.09 0.00	48.85 0.10 0.00	52.55 0.05 0.00	55.01 0.11 0.00	57.48 0.06 0.00	61.50 0.00 0.00	64.24 0.00 0.00	76.57 -0.45 -0.93	81.10 -0.91 0.93	86.50 -0.96 0.00	79.82 -0.81 0.00	76.57 -0.23 0.00	70.08 0.07 -2.34	57.99 0.06 -0.82	50.49 -0.11 3.16
HUDSON AVE_GT_3 23810	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.29 2.83 0.00	42.84 2.84 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.63 3.53 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.89 4.79 0.00	88.67 5.72 0.00	92.62 5.16 0.00	84.57 3.95 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
HUDSON AVE_GT_4 23540	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.29 2.83 0.00	42.84 2.84 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.63 3.53 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.89 4.79 0.00	88.67 5.72 0.00	92.62 5.16 0.00	84.57 3.95 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
HUDSON AVE_GT_5 23657	59.41 3.63 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.29 2.83 0.00	42.84 2.84 0.00	45.85 3.16 0.00	42.03 3.04 0.00	45.67 3.15 0.00	50.63 3.53 0.00	52.12 3.36 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.89 4.79 0.00	88.67 5.72 0.00	92.62 5.16 0.00	84.57 3.95 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
HUDSON_AVE_10 24168	59.24 3.46 0.00	51.39 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.13 2.67 0.00	42.68 2.68 0.00	45.77 3.07 0.00	41.96 2.96 0.00	45.58 3.06 0.00	50.54 3.44 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.64 3.22 0.00	64.82 3.32 0.00	67.45 3.21 0.00	80.51 4.41 0.00	88.52 5.39 -0.19	92.19 4.72 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.43 1.76 0.00	59.05 1.94 0.00	56.23 2.47 0.00
HUDSON___115KV_TB 4 355613	58.07 2.29 0.00	50.00 2.06 0.00	44.14 1.98 0.00	42.72 2.03 0.00	42.53 2.06 0.00	41.92 1.92 0.00	44.66 1.96 0.00	40.55 1.56 0.00	43.33 0.81 0.00	47.71 0.61 0.00	49.09 0.34 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.48 0.06 0.00	61.32 -0.18 0.00	64.31 0.06 0.00	76.89 0.84 0.04	84.52 1.58 0.00	89.65 2.19 0.00	82.39 1.77 0.00	78.26 1.46 0.00	68.83 1.15 0.00	58.08 0.97 0.00	54.78 1.02 0.00
HUNTER MOUNT___DRP 323613	58.35 2.57 0.00	50.19 2.25 0.00	44.31 2.15 0.00	42.89 2.20 0.00	42.69 2.23 0.00	42.00 2.00 0.00	44.74 2.05 0.00	40.55 1.56 0.00	43.37 0.85 0.00	47.71 0.61 0.00	49.09 0.34 0.00	52.76 0.26 0.00	55.12 0.22 0.00	57.54 0.11 0.00	61.38 -0.12 0.00	64.37 0.13 0.00	77.33 1.29 0.06	84.77 1.82 0.00	90.00 2.54 0.00	82.80 2.18 0.00	78.64 1.84 0.00	69.16 1.49 0.00	58.37 1.26 0.00	54.94 1.18 0.00
HUNTINGTON_RES_REC 323705	60.59 4.80 -0.01	52.41 4.46 -0.01	46.04 3.88 -0.01	44.24 3.54 -0.01	43.83 3.36 -0.01	43.28 3.28 0.00	45.77 3.08 0.00	42.11 3.12 0.00	46.43 3.61 -0.29	51.40 4.05 -0.25	54.34 4.14 -1.45	57.80 3.94 -1.36	58.96 4.06 0.00	60.52 3.10 0.00	63.48 2.70 0.72	67.06 2.82 0.00	79.18 3.12 0.04	86.92 4.31 0.33	90.96 3.50 0.00	82.54 1.93 0.02	71.82 1.30 6.29	62.22 0.41 5.87	58.25 1.14 0.00	56.50 2.74 0.00
HUNTLEY___63 23557	54.67 -1.12 0.00	47.37 -0.58 0.00	41.23 -0.93 0.00	40.00 -0.69 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.64 -2.05 0.00	37.39 -1.60 0.00	40.39 -2.13 0.00	45.03 -2.07 0.00	47.73 -1.02 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.41 -0.84 0.00	75.71 -0.38 0.00	82.11 -0.83 0.00	86.50 -0.96 0.00	81.51 0.89 0.00	76.03 -0.77 0.00	66.66 -1.02 0.00	56.71 -0.40 0.00	53.92 0.16 0.00
HUNTLEY___64 23558	54.67 -1.12 0.00	47.37 -0.58 0.00	41.23 -0.93 0.00	40.00 -0.69 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.64 -2.05 0.00	37.39 -1.60 0.00	40.39 -2.13 0.00	45.03 -2.07 0.00	47.73 -1.02 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.41 -0.84 0.00	75.71 -0.38 0.00	82.11 -0.83 0.00	86.50 -0.96 0.00	81.51 0.89 0.00	76.03 -0.77 0.00	66.66 -1.02 0.00	56.71 -0.40 0.00	53.92 0.16 0.00
HUNTLEY___65 23559	54.67 -1.12 0.00	47.37 -0.58 0.00	41.23 -0.93 0.00	40.00 -0.69 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.64 -2.05 0.00	37.39 -1.60 0.00	40.39 -2.13 0.00	45.03 -2.07 0.00	47.73 -1.02 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.41 -0.84 0.00	75.71 -0.38 0.00	82.11 -0.83 0.00	86.50 -0.96 0.00	81.51 0.89 0.00	76.03 -0.77 0.00	66.66 -1.02 0.00	56.71 -0.40 0.00	53.92 0.16 0.00
HUNTLEY___66 23560	54.67 -1.12 0.00	47.37 -0.58 0.00	41.23 -0.93 0.00	40.00 -0.69 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.64 -2.05 0.00	37.39 -1.60 0.00	40.39 -2.13 0.00	45.03 -2.07 0.00	47.73 -1.02 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.41 -0.84 0.00	75.71 -0.38 0.00	82.11 -0.83 0.00	86.50 -0.96 0.00	81.51 0.89 0.00	76.03 -0.77 0.00	66.66 -1.02 0.00	56.71 -0.40 0.00	53.92 0.16 0.00
HUNTLEY___67 23561	54.39 -1.39 0.00	47.17 -0.77 0.00	41.06 -1.10 0.00	39.71 -0.98 0.00	38.64 -1.82 0.00	38.32 -1.68 0.00	40.56 -2.13 0.00	37.28 -1.72 0.00	40.31 -2.21 0.00	44.84 -2.26 0.00	47.49 -1.27 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.95 -0.55 0.00	63.28 -0.96 0.00	75.56 -0.53 0.00	82.28 -0.66 0.00	86.59 -0.87 0.00	81.51 0.89 0.00	75.95 -0.84 0.00	66.66 -1.02 0.00	56.43 -0.69 0.00	53.65 -0.11 0.00
HUNTLEY___68 23562	54.39 -1.39 0.00	47.17 -0.77 0.00	41.06 -1.10 0.00	39.71 -0.98 0.00	38.64 -1.82 0.00	38.32 -1.68 0.00	40.56 -2.13 0.00	37.28 -1.72 0.00	40.31 -2.21 0.00	44.84 -2.26 0.00	47.49 -1.27 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.95 -0.55 0.00	63.28 -0.96 0.00	75.56 -0.53 0.00	82.28 -0.66 0.00	86.59 -0.87 0.00	81.51 0.89 0.00	75.95 -0.84 0.00	66.66 -1.02 0.00	56.43 -0.69 0.00	53.65 -0.11 0.00

HYLAND___LFGE 323620	56.67 0.89 0.00	48.85 0.91 0.00	42.53 0.38 0.00	41.10 0.41 0.00	40.26 -0.20 0.00	39.76 -0.24 0.00	42.23 -0.47 0.00	38.37 -0.63 0.00	40.86 -1.66 0.00	44.80 -2.31 0.00	46.22 -2.54 0.00	50.03 -2.47 0.00	52.38 -2.52 0.00	54.78 -2.64 0.00	59.04 -2.46 0.00	61.80 -2.44 0.00	74.11 -1.98 0.00	82.45 -0.49 0.00	89.73 2.27 0.00	85.38 4.76 0.00	80.79 3.99 0.00	71.06 3.38 0.00	59.62 2.51 0.00	56.28 2.53 0.00
INDECK___CORINTH 23802	58.41 2.62 0.00	50.24 2.30 0.00	44.26 2.11 0.00	42.64 1.95 0.00	42.40 1.94 0.00	41.92 1.92 0.00	44.62 1.92 0.00	40.71 1.71 0.00	43.92 1.40 0.00	48.42 1.32 0.00	49.49 0.73 0.00	53.07 0.58 0.00	55.45 0.55 0.00	58.23 0.80 0.00	62.30 0.80 0.00	65.46 1.22 0.00	78.00 1.90 0.00	86.01 3.07 0.00	91.83 4.37 0.00	84.73 4.11 0.00	80.87 4.07 0.00	70.92 3.25 0.00	59.62 2.51 0.00	56.07 2.31 0.00
INDECK___ILION 23567	55.90 0.11 0.00	48.09 0.14 0.00	42.28 0.13 0.00	40.81 0.12 0.00	40.62 0.16 0.00	40.16 0.16 0.00	42.82 0.13 0.00	39.07 0.08 0.00	42.48 -0.04 0.00	47.05 -0.05 0.00	48.66 -0.10 0.00	52.44 -0.05 0.00	54.85 -0.05 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.18 -0.06 0.00	76.25 0.15 0.00	83.28 0.33 0.00	87.90 0.44 0.00	80.94 0.32 0.00	76.88 0.08 0.00	67.61 -0.07 0.00	57.00 -0.11 0.00	53.65 -0.11 0.00
INDECK___OLEAN 23982	54.11 -1.67 0.00	46.84 -1.10 0.00	40.77 -1.39 0.00	39.43 -1.26 0.00	38.48 -1.98 0.00	38.12 -1.88 0.00	40.77 -1.92 0.00	37.36 -1.64 0.00	40.35 -2.17 0.00	45.26 -1.84 0.00	47.49 -1.27 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.67 -0.75 0.00	61.01 -0.49 0.00	63.54 -0.71 0.00	75.87 -0.23 0.00	82.70 -0.25 0.00	88.08 0.62 0.00	81.91 1.29 0.00	76.65 -0.15 0.00	67.07 -0.61 0.00	56.43 -0.68 0.00	53.65 -0.11 0.00
INDECK___OSWEGO 23783	54.28 -1.50 0.00	47.08 -0.86 0.00	41.31 -0.84 0.00	39.88 -0.81 0.00	39.57 -0.89 0.00	39.12 -0.88 0.00	41.75 -0.94 0.00	38.13 -0.86 0.00	41.37 -1.15 0.00	45.83 -1.27 0.00	47.54 -1.22 0.00	51.29 -1.21 0.00	53.14 -1.76 0.00	55.70 -1.72 0.00	59.78 -1.72 0.00	62.51 -1.73 0.00	74.27 -1.83 0.00	81.20 -1.75 0.00	85.80 -1.66 0.00	79.25 -1.37 0.00	75.18 -1.62 0.00	66.12 -1.55 0.00	55.74 -1.37 0.00	52.52 -1.23 0.00
INDECK___YERKES 23781	54.72 -1.06 0.00	47.42 -0.53 0.00	41.31 -0.84 0.00	40.08 -0.61 0.00	38.92 -1.54 0.00	38.56 -1.44 0.00	40.73 -1.96 0.00	37.43 -1.56 0.00	40.52 -2.00 0.00	45.50 -1.60 0.00	47.78 -0.97 0.00	51.87 -0.63 0.00	54.24 -0.66 0.00	56.90 -0.52 0.00	61.32 -0.18 0.00	63.34 -0.90 0.00	75.71 -0.38 0.00	82.03 -0.91 0.00	87.55 0.09 0.00	81.35 0.72 0.00	76.11 -0.69 0.00	66.66 -1.01 0.00	56.83 -0.28 0.00	54.08 0.32 0.00
INDIAN POINT_GT_1 24139	58.74 2.96 0.00	50.87 2.92 0.00	44.77 2.61 0.00	43.09 2.40 0.00	42.77 2.31 0.00	42.32 2.32 0.00	45.30 2.60 0.00	41.45 2.46 0.00	44.99 2.47 0.00	49.83 2.73 0.00	51.39 2.63 0.00	55.28 2.78 0.00	57.86 2.96 0.00	60.18 2.76 0.00	64.33 2.83 0.00	67.13 2.89 0.00	79.97 3.88 0.00	87.75 4.81 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.82 1.71 0.00	55.85 2.10 0.00
INDIAN POINT_GT_2 23659	58.74 2.96 0.00	50.87 2.92 0.00	44.77 2.61 0.00	43.09 2.40 0.00	42.77 2.31 0.00	42.32 2.32 0.00	45.30 2.60 0.00	41.45 2.46 0.00	44.99 2.47 0.00	49.83 2.73 0.00	51.39 2.63 0.00	55.28 2.78 0.00	57.86 2.96 0.00	60.18 2.76 0.00	64.33 2.83 0.00	67.13 2.89 0.00	79.97 3.88 0.00	87.75 4.81 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.82 1.71 0.00	55.85 2.10 0.00
INDIAN POINT_GT_3 24019	58.74 2.96 0.00	50.87 2.92 0.00	44.77 2.61 0.00	43.09 2.40 0.00	42.77 2.31 0.00	42.32 2.32 0.00	45.30 2.60 0.00	41.45 2.46 0.00	44.99 2.47 0.00	49.83 2.73 0.00	51.39 2.63 0.00	55.28 2.78 0.00	57.86 2.96 0.00	60.18 2.76 0.00	64.33 2.83 0.00	67.13 2.89 0.00	79.97 3.88 0.00	87.75 4.81 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.82 1.71 0.00	55.85 2.10 0.00
INDIAN POINT___2 23530	58.68 2.90 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.01 2.32 0.00	42.69 2.22 0.00	42.24 2.24 0.00	45.21 2.52 0.00	41.41 2.42 0.00	44.94 2.42 0.00	49.69 2.59 0.00	51.34 2.58 0.00	55.17 2.68 0.00	57.81 2.91 0.00	60.12 2.70 0.00	64.33 2.83 0.00	67.07 2.82 0.00	80.05 3.95 0.00	87.75 4.81 0.00	91.66 4.20 0.00	83.93 3.31 0.00	79.41 2.61 0.00	69.37 1.69 0.00	58.77 1.66 0.00	55.80 2.04 0.00
INDIAN POINT___3 23531	58.63 2.85 0.00	50.77 2.83 0.00	44.69 2.53 0.00	43.01 2.32 0.00	42.69 2.23 0.00	42.24 2.24 0.00	45.21 2.52 0.00	41.37 2.38 0.00	44.90 2.38 0.00	49.74 2.64 0.00	51.29 2.54 0.00	55.17 2.68 0.00	57.70 2.80 0.00	60.06 2.64 0.00	64.27 2.77 0.00	67.00 2.76 0.00	79.82 3.73 0.00	87.59 4.64 0.00	91.66 4.20 0.00	83.85 3.22 0.00	79.26 2.46 0.00	69.30 1.62 0.00	58.77 1.66 0.00	55.80 2.04 0.00
INGHAM_C_115KV_TB7 356103	55.39 -0.39 0.00	47.65 -0.29 0.00	41.90 -0.25 0.00	40.40 -0.28 0.00	40.26 -0.20 0.00	39.80 -0.20 0.00	42.44 -0.26 0.00	38.64 -0.35 0.00	42.05 -0.47 0.00	46.58 -0.52 0.00	48.17 -0.59 0.00	51.92 -0.58 0.00	54.30 -0.60 0.00	56.85 -0.57 0.00	60.83 -0.68 0.00	63.54 -0.71 0.00	75.56 -0.53 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.26 -0.54 0.00	67.00 -0.68 0.00	56.48 -0.63 0.00	53.06 -0.70 0.00
IP CORINTH___1 23988	58.74 2.96 0.00	50.53 2.59 0.00	44.47 2.32 0.00	42.85 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.87 2.18 0.00	40.90 1.91 0.00	44.22 1.70 0.00	48.70 1.60 0.00	49.73 0.98 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.51 1.09 0.00	62.67 1.17 0.00	65.85 1.61 0.00	78.38 2.28 0.00	86.51 3.57 0.00	92.45 4.99 0.00	85.22 4.60 0.00	81.25 4.45 0.00	71.26 3.59 0.00	59.97 2.86 0.00	56.39 2.63 0.00
IP___TICONDEROGA 23804	61.70 5.91 0.00	53.02 5.08 0.00	46.62 4.47 0.00	44.76 4.07 0.00	44.39 3.92 0.00	43.92 3.92 0.00	46.75 4.06 0.00	42.54 3.55 0.00	45.88 3.36 0.00	50.59 3.49 0.00	51.73 2.97 0.00	55.44 2.94 0.00	57.86 2.96 0.00	60.92 3.50 0.00	65.19 3.69 0.00	68.67 4.43 0.00	81.95 5.86 0.00	90.91 7.96 0.00	97.52 10.06 0.00	90.22 9.59 0.00	86.17 9.37 0.00	75.39 7.71 0.00	63.28 6.17 0.00	59.35 5.59 0.00
ISLIP_RES_REC 323679	61.42 5.63 -0.01	53.18 5.23 -0.01	46.68 4.51 -0.01	44.81 4.11 -0.01	44.32 3.85 -0.01	43.80 3.80 0.00	46.20 3.50 0.00	42.54 3.55 0.00	46.91 4.08 -0.31	52.02 4.66 -0.26	55.08 4.83 -1.50	58.64 4.73 -1.42	59.84 4.94 0.00	61.56 4.14 0.00	64.95 3.69 0.24	68.10 3.85 0.00	80.34 4.26 0.01	88.34 5.72 0.33	92.53 5.07 0.00	83.83 3.23 0.02	72.91 2.38 6.27	63.25 1.42 5.85	59.28 2.17 0.00	57.15 3.39 0.00

JAMAICA__27_KV_LOAD 355505	59.69 3.90 0.00	51.73 3.79 0.00	45.44 3.29 0.00	43.70 3.01 0.00	43.29 2.83 0.00	42.88 2.88 0.00	46.02 3.33 0.00	42.27 3.28 0.00	46.01 3.49 0.00	50.96 3.86 0.00	52.21 3.46 0.00	56.12 3.62 0.00	58.74 3.84 0.00	60.92 3.50 0.00	65.13 3.63 0.00	67.58 3.34 0.00	80.81 4.72 0.00	88.91 5.72 -0.24	92.54 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.57 1.89 0.00	59.51 2.40 0.00	56.66 2.90 0.00
JANIS__SOLAR 323808	58.52 2.73 0.00	50.34 2.40 0.00	44.14 1.98 0.00	42.52 1.83 0.00	42.16 1.70 0.00	41.76 1.76 0.00	44.57 1.88 0.00	40.47 1.48 0.00	43.62 1.10 0.00	48.09 0.99 0.00	49.68 0.92 0.00	53.65 1.15 0.00	56.11 1.21 0.00	59.03 1.61 0.00	63.47 1.97 0.00	66.55 2.31 0.00	79.90 3.80 0.00	87.84 4.89 0.00	93.93 6.47 0.00	87.23 6.61 0.00	82.48 5.68 0.00	72.28 4.60 0.00	60.71 3.60 0.00	57.09 3.33 0.00
JARVIS____ 23743	56.07 0.28 0.00	48.23 0.29 0.00	42.41 0.25 0.00	40.94 0.25 0.00	40.75 0.29 0.00	40.28 0.28 0.00	42.95 0.26 0.00	39.19 0.20 0.00	42.65 0.13 0.00	47.20 0.09 0.00	48.80 0.05 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.54 0.12 0.00	61.56 0.06 0.00	64.37 0.13 0.00	76.40 0.31 0.00	83.36 0.42 0.00	87.90 0.44 0.00	81.03 0.41 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.17 0.06 0.00	53.87 0.11 0.00
JENNISON____1 23625	58.85 3.07 0.00	50.67 2.73 0.00	44.47 2.32 0.00	42.85 2.16 0.00	42.57 2.10 0.00	42.20 2.20 0.00	45.00 2.31 0.00	40.90 1.91 0.00	44.22 1.70 0.00	48.89 1.79 0.00	50.65 1.90 0.00	54.81 2.31 0.00	57.32 2.42 0.00	60.29 2.87 0.00	64.76 3.26 0.00	67.65 3.40 0.00	81.04 4.95 0.00	88.83 5.89 0.00	94.28 6.82 0.00	87.39 6.77 0.00	82.48 5.68 0.00	72.28 4.60 0.00	60.77 3.66 0.00	57.20 3.44 0.00
JENNISON____2 23626	58.85 3.07 0.00	50.67 2.73 0.00	44.47 2.32 0.00	42.85 2.16 0.00	42.57 2.10 0.00	42.20 2.20 0.00	45.00 2.31 0.00	40.90 1.91 0.00	44.22 1.70 0.00	48.89 1.79 0.00	50.65 1.90 0.00	54.81 2.31 0.00	57.32 2.42 0.00	60.29 2.87 0.00	64.76 3.26 0.00	67.65 3.40 0.00	81.04 4.95 0.00	88.83 5.89 0.00	94.28 6.82 0.00	87.39 6.77 0.00	82.48 5.68 0.00	72.28 4.60 0.00	60.77 3.66 0.00	57.20 3.44 0.00
JERICOHO_RISE_WT_PWR 323719	55.62 -0.17 0.00	47.61 -0.33 0.00	41.90 -0.25 0.00	40.41 -0.28 0.00	40.26 -0.20 0.00	39.76 -0.24 0.00	42.48 -0.21 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.81 0.32 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.79 -0.30 0.00	82.03 -0.91 0.00	86.59 -0.87 0.00	79.97 -0.65 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.23 0.11 0.00	53.76 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	58.96 3.18 0.00	51.01 3.07 0.00	44.90 2.74 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.48 2.48 0.00	45.43 2.73 0.00	41.57 2.57 0.00	45.07 2.55 0.00	49.98 2.87 0.00	51.63 2.88 0.00	55.54 3.04 0.00	58.08 3.18 0.00	60.41 2.99 0.00	64.58 3.08 0.00	67.45 3.21 0.00	80.28 4.19 0.00	88.25 5.31 0.00	92.53 5.07 0.00	84.57 3.95 0.00	80.03 3.23 0.00	69.91 2.23 0.00	59.11 2.00 0.00	56.07 2.31 0.00
KCE_NY_1 323755	58.80 3.01 0.00	50.62 2.68 0.00	44.56 2.40 0.00	42.93 2.24 0.00	42.69 2.22 0.00	42.20 2.20 0.00	45.00 2.30 0.00	40.98 1.99 0.00	44.26 1.74 0.00	48.80 1.69 0.00	50.17 1.41 0.00	53.91 1.42 0.00	56.33 1.43 0.00	59.09 1.67 0.00	63.29 1.78 0.00	66.36 2.12 0.00	79.06 2.96 0.00	87.01 4.06 0.00	92.18 4.72 0.00	84.97 4.35 0.00	80.87 4.07 0.00	70.99 3.32 0.00	59.80 2.68 0.00	56.28 2.53 0.00
KCE_NY_6_ESR 323823	55.00 -0.78 0.00	47.66 -0.29 0.00	41.52 -0.63 0.00	40.24 -0.45 0.00	39.13 -1.33 0.00	38.76 -1.24 0.00	41.11 -1.58 0.00	37.71 -1.29 0.00	40.82 -1.70 0.00	45.83 -1.27 0.00	48.07 -0.68 0.00	52.18 -0.31 0.00	54.63 -0.27 0.00	57.31 -0.11 0.00	61.81 0.31 0.00	64.18 -0.06 0.00	76.70 0.61 0.00	83.36 0.42 0.00	88.95 1.49 0.00	82.64 2.02 0.00	77.26 0.46 0.00	67.61 -0.07 0.00	57.23 0.11 0.00	54.45 0.70 0.00
KEDC PORT_JEFF_GT2 24210	60.92 5.13 -0.01	52.74 4.79 -0.01	46.34 4.17 -0.01	44.48 3.78 -0.01	44.03 3.56 -0.01	43.48 3.48 0.00	45.90 3.20 0.00	42.23 3.23 0.00	46.59 3.78 -0.29	51.63 4.29 -0.24	54.54 4.39 -1.40	58.02 4.20 -1.32	59.29 4.39 0.00	60.92 3.50 0.00	64.12 2.89 0.28	67.20 2.96 0.00	78.90 2.82 0.02	86.68 4.06 0.33	90.78 3.32 0.00	82.22 1.61 0.02	71.78 1.30 6.33	62.45 0.68 5.90	58.71 1.60 0.00	56.71 2.95 0.00
KEDC PORT_JEFF_GT3 24211	60.92 5.13 -0.01	52.74 4.79 -0.01	46.34 4.17 -0.01	44.48 3.78 -0.01	44.03 3.56 -0.01	43.48 3.48 0.00	45.90 3.20 0.00	42.23 3.23 0.00	46.59 3.78 -0.29	51.63 4.29 -0.24	54.54 4.39 -1.40	58.02 4.20 -1.32	59.29 4.39 0.00	60.92 3.50 0.00	64.12 2.89 0.28	67.20 2.96 0.00	78.90 2.82 0.02	86.68 4.06 0.33	90.78 3.32 0.00	82.22 1.61 0.02	71.78 1.30 6.33	62.45 0.68 5.90	58.71 1.60 0.00	56.71 2.95 0.00
KEDC_GLWD_GT4 24219	60.03 4.24 -0.01	51.98 4.03 -0.01	45.71 3.54 -0.01	43.96 3.26 -0.01	43.63 3.16 -0.01	43.12 3.12 0.00	45.90 3.20 0.00	42.15 3.16 0.00	47.08 3.40 -1.16	51.80 3.77 -0.93	58.67 3.46 -6.45	62.25 3.62 -6.13	58.74 3.84 0.00	60.81 3.39 0.00	64.82 3.32 0.00	67.64 3.40 0.00	80.43 4.34 0.00	88.33 5.39 0.00	92.09 4.63 0.00	84.00 3.39 0.01	77.32 2.61 2.10	67.34 1.62 1.96	58.77 1.66 0.00	56.60 2.85 0.00
KEDC_GLWD_GT5 24220	60.03 4.24 -0.01	51.98 4.03 -0.01	45.71 3.54 -0.01	43.96 3.26 -0.01	43.63 3.16 -0.01	43.12 3.12 0.00	45.90 3.20 0.00	42.15 3.16 0.00	47.08 3.40 -1.16	51.80 3.77 -0.93	58.67 3.46 -6.45	62.25 3.62 -6.13	58.74 3.84 0.00	60.81 3.39 0.00	64.82 3.32 0.00	67.64 3.40 0.00	80.43 4.34 0.00	88.33 5.39 0.00	92.09 4.63 0.00	84.00 3.39 0.01	77.32 2.61 2.10	67.34 1.62 1.96	58.77 1.66 0.00	56.60 2.85 0.00
KENSICO____ 23655	58.96 3.18 0.00	51.06 3.12 0.00	44.94 2.78 0.00	43.25 2.56 0.00	42.93 2.47 0.00	42.48 2.48 0.00	45.47 2.78 0.00	41.61 2.61 0.00	45.16 2.64 0.00	50.02 2.92 0.00	51.63 2.88 0.00	55.49 2.99 0.00	58.08 3.18 0.00	60.41 2.99 0.00	64.58 3.08 0.00	67.33 3.08 0.00	80.20 4.11 0.00	88.00 5.06 0.00	92.10 4.64 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.57 1.89 0.00	59.00 1.88 0.00	56.02 2.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	59.02 3.24 0.00	50.91 2.97 0.00	44.77 2.61 0.00	43.05 2.36 0.00	42.81 2.35 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.22 2.22 0.00	44.69 2.17 0.00	49.50 2.40 0.00	51.14 2.39 0.00	55.07 2.57 0.00	57.65 2.75 0.00	60.35 2.93 0.00	64.76 3.26 0.00	67.71 3.47 0.00	80.80 4.72 0.01	88.83 5.89 0.00	93.32 5.86 0.00	85.38 4.76 0.00	80.72 3.92 0.00	70.65 2.98 0.00	59.68 2.57 0.00	56.45 2.69 0.00

KIAC_JFK_GT1 23816	59.30 3.51 0.00	51.39 3.45 0.00	45.19 3.04 0.00	43.42 2.73 0.00	43.05 2.59 0.00	42.64 2.64 0.00	45.77 3.07 0.00	42.00 3.00 0.00	45.71 3.19 0.00	50.68 3.58 0.00	51.87 3.12 0.00	55.80 3.31 0.00	58.36 3.46 0.00	60.52 3.10 0.00	64.64 3.14 0.00	66.94 2.70 0.00	79.97 3.88 0.00	87.99 4.81 -0.24	91.57 4.11 0.00	83.60 2.98 0.00	79.03 2.23 0.00	68.83 1.15 0.00	59.11 2.00 0.00	56.28 2.53 0.00
KIAC_JFK_GT2 23817	59.30 3.51 0.00	51.39 3.45 0.00	45.19 3.04 0.00	43.42 2.73 0.00	43.05 2.59 0.00	42.64 2.64 0.00	45.77 3.07 0.00	42.00 3.00 0.00	45.71 3.19 0.00	50.68 3.58 0.00	51.87 3.12 0.00	55.80 3.31 0.00	58.36 3.46 0.00	60.52 3.10 0.00	64.64 3.14 0.00	66.94 2.70 0.00	79.97 3.88 0.00	87.99 4.81 -0.24	91.57 4.11 0.00	83.60 2.98 0.00	79.03 2.23 0.00	68.83 1.15 0.00	59.11 2.00 0.00	56.28 2.53 0.00
KIAC_JFK____ 323774	59.30 3.52 0.00	51.40 3.45 0.00	45.15 2.99 0.00	43.37 2.68 0.00	43.01 2.55 0.00	42.64 2.64 0.00	45.73 3.03 0.00	42.00 3.00 0.00	45.71 3.19 0.00	50.59 3.49 0.00	51.88 3.12 0.00	55.75 3.26 0.00	58.31 3.41 0.00	60.52 3.10 0.00	64.58 3.07 0.00	66.94 2.70 0.00	80.05 3.95 0.00	87.99 4.81 -0.24	91.49 4.03 0.00	83.61 2.98 0.00	79.10 2.30 0.00	68.82 1.15 0.00	59.16 2.05 0.00	56.23 2.47 0.00
KINTIGH__24_KV_GSU 356498	54.45 -1.34 0.00	47.13 -0.82 0.00	41.10 -1.05 0.00	39.88 -0.81 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.82 -1.88 0.00	37.43 -1.56 0.00	40.52 -2.00 0.00	45.36 -1.74 0.00	47.54 -1.22 0.00	51.60 -0.89 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.95 -0.55 0.00	63.28 -0.96 0.00	75.56 -0.53 0.00	82.20 -0.75 0.00	87.46 0.00 0.00	81.11 0.49 0.00	76.03 -0.77 0.00	66.73 -0.95 0.00	56.43 -0.68 0.00	53.70 -0.05 0.00
KINTIGH____ 23543	54.45 -1.34 0.00	47.13 -0.82 0.00	41.10 -1.05 0.00	39.79 -0.90 0.00	38.84 -1.62 0.00	38.44 -1.56 0.00	40.77 -1.92 0.00	37.43 -1.56 0.00	40.48 -2.04 0.00	44.98 -2.12 0.00	47.53 -1.22 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.95 -0.55 0.00	63.28 -0.96 0.00	75.56 -0.53 0.00	82.28 -0.66 0.00	86.59 -0.87 0.00	81.27 0.64 0.00	75.88 -0.92 0.00	66.73 -0.95 0.00	56.43 -0.69 0.00	53.60 -0.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	56.23 0.45 0.00	48.28 0.34 0.00	42.45 0.30 0.00	40.93 0.24 0.00	40.75 0.28 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.30 0.31 0.00	43.24 0.72 0.00	48.09 0.99 0.00	49.78 1.02 0.00	53.34 0.84 0.00	55.94 1.04 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.82 0.58 0.00	76.70 0.61 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.94 0.32 0.00	77.80 1.00 0.00	68.69 1.02 0.00	57.97 0.86 0.00	54.78 1.02 0.00
LACHUTE____HYDRO 323717	61.70 5.91 0.00	53.02 5.08 0.00	46.62 4.47 0.00	44.76 4.07 0.00	44.39 3.92 0.00	43.92 3.92 0.00	46.75 4.06 0.00	42.50 3.51 0.00	45.88 3.36 0.00	50.59 3.49 0.00	51.73 2.97 0.00	55.38 2.89 0.00	57.86 2.96 0.00	60.93 3.50 0.00	65.19 3.69 0.00	68.67 4.43 0.00	82.03 5.94 0.00	90.91 7.96 0.00	97.43 9.97 0.00	90.21 9.59 0.00	86.17 9.37 0.00	75.39 7.71 0.00	63.28 6.17 0.00	59.35 5.59 0.00
LAWRNCV_115KV_TB1 80681	55.73 -0.06 0.00	47.61 -0.34 0.00	41.82 -0.34 0.00	40.32 -0.37 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.67 0.57 0.00	49.34 0.59 0.00	52.92 0.42 0.00	55.50 0.60 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.43 0.19 0.00	76.17 0.08 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.62 0.00 0.00	77.64 0.84 0.00	68.69 1.02 0.00	58.02 0.91 0.00	54.13 0.38 0.00
LEDERLE____ 23769	58.96 3.18 0.00	51.01 3.07 0.00	44.90 2.74 0.00	43.21 2.52 0.00	42.89 2.43 0.00	42.40 2.40 0.00	45.43 2.73 0.00	41.57 2.57 0.00	45.07 2.55 0.00	49.93 2.83 0.00	51.53 2.78 0.00	55.49 2.99 0.00	58.08 3.18 0.00	60.52 3.10 0.00	64.76 3.26 0.00	67.58 3.34 0.00	80.51 4.41 0.00	88.34 5.39 0.00	92.45 4.99 0.00	84.57 3.95 0.00	79.95 3.15 0.00	69.84 2.17 0.00	59.17 2.06 0.00	56.12 2.37 0.00
LIGHTSE_115KV_TB6 355974	55.84 0.06 0.00	47.99 0.05 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.26 -0.20 0.00	39.84 -0.16 0.00	42.44 -0.26 0.00	38.68 -0.31 0.00	42.01 -0.51 0.00	46.44 -0.66 0.00	48.17 -0.59 0.00	51.87 -0.63 0.00	54.19 -0.71 0.00	56.91 -0.52 0.00	61.07 -0.43 0.00	63.79 -0.45 0.00	76.02 -0.08 0.00	83.11 0.17 0.00	88.07 0.61 0.00	81.75 1.13 0.00	77.64 0.84 0.00	68.28 0.61 0.00	57.45 0.34 0.00	53.97 0.22 0.00
LINDEN COGEN____ 23786	53.39 3.12 5.52	51.15 3.21 0.00	45.02 2.87 0.00	43.30 2.61 0.00	42.97 2.51 0.00	42.56 2.56 0.00	45.55 2.86 0.00	41.80 2.81 0.00	45.37 2.85 0.00	50.21 3.11 0.00	51.57 2.97 0.16	53.82 2.94 1.61	57.88 3.18 0.20	59.90 2.87 0.40	56.15 2.95 8.31	56.09 2.89 11.05	71.88 4.03 8.24	73.29 4.89 14.55	71.42 4.11 20.15	58.95 3.14 24.81	61.79 2.46 17.47	53.52 1.35 15.51	53.32 1.60 5.39	54.69 2.09 1.16
LINDHRST_69_KV_BK1 356055	61.31 5.52 0.00	53.02 5.08 0.00	46.62 4.47 0.00	44.80 4.11 0.00	44.35 3.88 0.00	43.80 3.80 0.00	46.41 3.71 0.00	42.62 3.63 0.00	47.22 4.12 -0.58	52.24 4.66 -0.47	56.55 4.68 -3.11	60.17 4.72 -2.95	59.46 4.56 0.00	61.44 4.02 0.00	65.10 3.69 0.10	68.10 3.85 0.00	80.27 4.19 0.00	88.16 5.47 0.26	92.45 4.99 0.00	83.99 3.39 0.01	73.95 2.61 5.46	64.27 1.69 5.10	60.08 2.97 0.00	57.41 3.66 0.00
LIPA_MISC_IPP 23656	60.58 4.80 0.00	52.40 4.46 0.00	46.08 3.92 0.00	44.23 3.54 0.00	43.78 3.32 0.00	43.20 3.20 0.00	45.68 2.99 0.00	41.96 2.96 0.00	46.24 3.44 -0.28	51.34 4.00 -0.23	54.11 4.00 -1.36	57.61 3.83 -1.28	58.52 3.62 0.00	60.58 3.16 0.00	63.89 2.58 0.20	67.00 2.76 0.00	78.82 2.74 0.01	86.68 4.06 0.33	90.96 3.50 0.00	82.46 1.85 0.02	71.53 1.08 6.35	62.16 0.41 5.92	59.17 2.06 0.00	56.55 2.80 0.00
LISF____SOLAR 323691	60.76 4.96 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.83 3.36 -0.01	43.28 3.28 0.00	45.68 2.99 0.00	42.04 3.04 0.00	46.33 3.53 -0.28	51.34 4.00 -0.24	54.22 4.10 -1.38	57.73 3.94 -1.29	59.02 4.12 0.00	60.69 3.27 0.00	63.99 2.70 0.21	67.13 2.89 0.00	79.35 3.27 0.01	87.25 4.64 0.33	91.49 4.03 0.00	82.86 2.25 0.02	71.84 1.38 6.34	62.37 0.61 5.92	58.59 1.48 0.00	56.50 2.74 0.00
LITTLE FALLS____HYD 24013	55.39 -0.39 0.00	47.65 -0.29 0.00	41.90 -0.25 0.00	40.40 -0.28 0.00	40.26 -0.20 0.00	39.80 -0.20 0.00	42.44 -0.26 0.00	38.64 -0.35 0.00	42.05 -0.47 0.00	46.58 -0.52 0.00	48.17 -0.59 0.00	51.92 -0.58 0.00	54.30 -0.60 0.00	56.85 -0.57 0.00	60.83 -0.68 0.00	63.54 -0.71 0.00	75.56 -0.53 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.26 -0.54 0.00	67.00 -0.68 0.00	56.48 -0.63 0.00	53.06 -0.70 0.00

LITTLRIV_115KV_TB1 356100	56.45 0.67 0.00	48.18 0.24 0.00	42.37 0.21 0.00	40.81 0.12 0.00	40.83 0.36 0.00	40.36 0.36 0.00	42.99 0.30 0.00	39.15 0.16 0.00	43.16 0.64 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.13 0.63 0.00	55.72 0.82 0.00	58.17 0.75 0.00	62.24 0.74 0.00	64.76 0.51 0.00	76.63 0.53 0.00	82.86 -0.08 0.00	88.16 0.70 0.00	81.91 1.29 0.00	78.95 2.15 0.00	69.84 2.17 0.00	58.94 1.83 0.00	54.94 1.18 0.00
LI_NEWBRDGE___DRP 323616	59.86 4.07 0.00	51.87 3.93 0.00	45.65 3.50 0.00	43.94 3.26 0.00	43.58 3.12 0.00	43.04 3.04 0.00	45.72 3.03 0.00	41.96 2.96 0.00	45.92 3.32 -0.08	50.86 3.67 -0.08	52.75 3.56 -0.44	56.52 3.62 -0.40	58.25 3.35 0.00	60.35 2.93 0.00	64.09 2.58 0.00	66.94 2.70 0.00	79.06 2.97 0.00	86.60 4.06 0.41	90.87 3.41 0.00	82.78 2.18 0.02	71.42 1.46 6.84	61.97 0.68 6.38	58.82 1.71 0.00	56.34 2.58 0.00
LOCKPORT_115KV_TB60_63_64 80432	54.45 -1.34 0.00	47.27 -0.67 0.00	41.10 -1.05 0.00	39.55 -1.14 0.00	38.48 -1.98 0.00	38.36 -1.64 0.00	40.30 -2.39 0.00	37.08 -1.91 0.00	40.05 -2.47 0.00	44.56 -2.54 0.00	47.29 -1.46 0.00	51.34 -1.15 0.00	53.58 -1.32 0.00	56.22 -1.21 0.00	60.58 -0.92 0.00	62.76 -1.48 0.00	75.03 -1.07 0.00	81.62 -1.33 0.00	85.98 -1.49 0.00	81.02 0.40 0.00	75.49 -1.31 0.00	66.25 -1.42 0.00	56.20 -0.91 0.00	53.44 -0.32 0.00
LOCKPORT___CC1 323769	54.28 -1.50 0.00	47.08 -0.86 0.00	40.98 -1.18 0.00	39.79 -0.90 0.00	38.68 -1.78 0.00	38.28 -1.72 0.00	40.30 -2.39 0.00	37.01 -1.99 0.00	40.01 -2.51 0.00	44.89 -2.21 0.00	47.15 -1.61 0.00	51.24 -1.26 0.00	53.36 -1.54 0.00	55.99 -1.43 0.00	60.27 -1.23 0.00	62.51 -1.73 0.00	74.73 -1.37 0.00	81.12 -1.83 0.00	86.59 -0.87 0.00	80.54 -0.08 0.00	75.26 -1.54 0.00	65.99 -1.69 0.00	55.97 -1.14 0.00	53.38 -0.37 0.00
LOCKPORT___CC2 323770	54.28 -1.50 0.00	47.08 -0.86 0.00	40.98 -1.18 0.00	39.79 -0.90 0.00	38.68 -1.78 0.00	38.28 -1.72 0.00	40.30 -2.39 0.00	37.01 -1.99 0.00	40.01 -2.51 0.00	44.89 -2.21 0.00	47.15 -1.61 0.00	51.24 -1.26 0.00	53.36 -1.54 0.00	55.99 -1.43 0.00	60.27 -1.23 0.00	62.51 -1.73 0.00	74.73 -1.37 0.00	81.12 -1.83 0.00	86.59 -0.87 0.00	80.54 -0.08 0.00	75.26 -1.54 0.00	65.99 -1.69 0.00	55.97 -1.14 0.00	53.38 -0.37 0.00
LOCKPORT___CC3 323771	54.28 -1.50 0.00	47.08 -0.86 0.00	40.98 -1.18 0.00	39.79 -0.90 0.00	38.68 -1.78 0.00	38.28 -1.72 0.00	40.30 -2.39 0.00	37.01 -1.99 0.00	40.01 -2.51 0.00	44.89 -2.21 0.00	47.15 -1.61 0.00	51.24 -1.26 0.00	53.36 -1.54 0.00	55.99 -1.43 0.00	60.27 -1.23 0.00	62.51 -1.73 0.00	74.73 -1.37 0.00	81.12 -1.83 0.00	86.59 -0.87 0.00	80.54 -0.08 0.00	75.26 -1.54 0.00	65.99 -1.69 0.00	55.97 -1.14 0.00	53.38 -0.37 0.00
LOCUSVLY_69_KV_BK2 55797	60.41 4.63 0.00	52.26 4.31 0.00	45.99 3.84 0.00	44.23 3.54 0.00	43.86 3.40 0.00	43.32 3.32 0.00	46.07 3.37 0.00	42.27 3.28 0.00	47.14 3.66 -0.96	51.97 4.10 -0.77	58.16 4.00 -5.41	61.78 4.15 -5.13	58.96 4.06 0.00	61.15 3.73 0.00	65.13 3.63 0.00	67.97 3.73 0.00	80.51 4.41 0.00	88.38 5.56 0.12	92.45 4.99 0.00	84.16 3.55 0.01	76.28 2.69 3.21	66.37 1.69 2.99	59.45 2.34 0.00	56.93 3.17 0.00
LONG_LAKE_PHOENIX 24014	55.00 -0.78 0.00	47.37 -0.58 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.77 -0.69 0.00	39.32 -0.68 0.00	41.97 -0.73 0.00	38.37 -0.62 0.00	41.63 -0.89 0.00	46.07 -1.04 0.00	47.88 -0.88 0.00	51.60 -0.89 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.77 -0.74 0.00	63.47 -0.77 0.00	75.48 -0.61 0.00	82.53 -0.41 0.00	87.11 -0.35 0.00	80.62 0.00 0.00	76.34 -0.46 0.00	67.13 -0.54 0.00	56.54 -0.57 0.00	53.27 -0.48 0.00
LOVETT___3 23632	58.57 2.79 0.00	50.67 2.73 0.00	44.64 2.49 0.00	42.93 2.24 0.00	42.65 2.18 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.33 2.34 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.65 2.75 0.00	60.01 2.58 0.00	64.21 2.71 0.00	66.94 2.70 0.00	79.75 3.65 0.00	87.51 4.56 0.00	91.57 4.11 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.69 1.94 0.00
LOVETT___4 23642	58.57 2.79 0.00	50.67 2.73 0.00	44.64 2.49 0.00	42.93 2.24 0.00	42.65 2.18 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.33 2.34 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.65 2.75 0.00	60.01 2.58 0.00	64.21 2.71 0.00	66.94 2.70 0.00	79.75 3.65 0.00	87.51 4.56 0.00	91.57 4.11 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.69 1.94 0.00
LOVETT___5 23593	58.57 2.79 0.00	50.67 2.73 0.00	44.64 2.49 0.00	42.93 2.24 0.00	42.65 2.18 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.33 2.34 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.65 2.75 0.00	60.01 2.58 0.00	64.21 2.71 0.00	66.94 2.70 0.00	79.75 3.65 0.00	87.51 4.56 0.00	91.57 4.11 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.69 1.94 0.00
LOWER RAQUET___HYD 24057	55.73 -0.06 0.00	47.61 -0.33 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.62 0.52 0.00	49.34 0.59 0.00	52.91 0.42 0.00	55.45 0.55 0.00	57.94 0.52 0.00	61.94 0.43 0.00	64.37 0.13 0.00	76.09 0.00 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.78 0.16 0.00	77.65 0.85 0.00	68.75 1.08 0.00	58.08 0.97 0.00	54.19 0.43 0.00
LOWER___HUDSON 24059	57.90 2.12 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.44 1.75 0.00	40.55 1.56 0.00	43.79 1.27 0.00	48.28 1.18 0.00	49.68 0.92 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.48 0.98 0.00	65.40 1.16 0.00	77.92 1.82 0.00	85.68 2.73 0.00	90.44 2.98 0.00	83.20 2.58 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.59 1.48 0.00	55.21 1.45 0.00
LOWVILLE_115KV_TB2 356335	57.68 1.90 0.00	49.33 1.39 0.00	42.96 0.80 0.00	41.34 0.65 0.00	41.19 0.73 0.00	40.76 0.76 0.00	43.33 0.64 0.00	39.42 0.43 0.00	43.20 0.68 0.00	47.71 0.61 0.00	49.39 0.63 0.00	53.18 0.68 0.00	55.61 0.71 0.00	58.40 0.98 0.00	62.61 1.11 0.00	65.27 1.03 0.00	78.00 1.90 0.00	84.52 1.58 0.00	90.26 2.80 0.00	83.93 3.31 0.00	79.72 2.92 0.00	70.04 2.37 0.00	58.77 1.66 0.00	54.99 1.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	58.74 2.96 0.00	50.58 2.64 0.00	44.52 2.36 0.00	42.93 2.24 0.00	42.65 2.18 0.00	42.20 2.20 0.00	44.96 2.26 0.00	40.94 1.95 0.00	44.26 1.74 0.00	48.80 1.70 0.00	50.17 1.41 0.00	53.91 1.42 0.00	56.33 1.43 0.00	59.09 1.67 0.00	63.23 1.72 0.00	66.30 2.06 0.00	78.91 2.82 0.00	86.93 3.98 0.00	92.18 4.72 0.00	84.89 4.27 0.00	80.72 3.92 0.00	70.92 3.25 0.00	59.74 2.63 0.00	56.28 2.53 0.00

LUTHERNY_35_KV_BK2 355980	58.80 3.01 0.00	50.63 2.68 0.00	44.56 2.40 0.00	42.93 2.24 0.00	42.69 2.23 0.00	42.20 2.20 0.00	45.00 2.31 0.00	40.98 1.99 0.00	44.30 1.79 0.00	48.84 1.74 0.00	50.17 1.41 0.00	53.91 1.42 0.00	56.33 1.43 0.00	59.09 1.67 0.00	63.29 1.78 0.00	66.36 2.12 0.00	78.98 2.89 0.00	87.01 4.06 0.00	92.27 4.81 0.00	84.97 4.35 0.00	80.79 3.99 0.00	70.99 3.32 0.00	59.80 2.68 0.00	56.34 2.58 0.00
LWR___OSWEGATCHIE_HYD 23850	56.62 0.84 0.00	48.37 0.43 0.00	42.28 0.13 0.00	40.73 0.04 0.00	40.70 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.53 0.42 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.62 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.14 0.00	82.31 1.69 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
LYONS_FALL_HYD 23570	57.52 1.73 0.00	49.33 1.39 0.00	43.08 0.93 0.00	41.50 0.81 0.00	41.31 0.85 0.00	40.88 0.88 0.00	43.50 0.81 0.00	39.61 0.62 0.00	43.29 0.77 0.00	47.85 0.75 0.00	49.49 0.73 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.57 1.15 0.00	62.80 1.29 0.00	65.53 1.28 0.00	78.22 2.13 0.00	85.02 2.07 0.00	90.52 3.06 0.00	83.85 3.23 0.00	79.64 2.84 0.00	69.98 2.30 0.00	58.77 1.66 0.00	55.10 1.34 0.00
MADISON___COUNTY_LFGE 323628	57.51 1.73 0.00	49.43 1.49 0.00	43.34 1.18 0.00	41.79 1.10 0.00	41.55 1.09 0.00	41.12 1.12 0.00	43.80 1.11 0.00	39.85 0.86 0.00	43.28 0.77 0.00	47.86 0.75 0.00	49.58 0.83 0.00	53.55 1.05 0.00	56.00 1.10 0.00	58.80 1.38 0.00	63.10 1.60 0.00	65.91 1.67 0.00	78.68 2.59 0.00	86.01 3.07 0.00	91.14 3.67 0.00	84.41 3.79 0.00	79.95 3.15 0.00	70.25 2.57 0.00	59.05 1.94 0.00	55.53 1.77 0.00
MALONE___115KV_TB1 356076	56.34 0.56 0.00	48.23 0.29 0.00	42.37 0.21 0.00	40.89 0.20 0.00	40.75 0.28 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.34 0.35 0.00	43.33 0.81 0.00	48.23 1.13 0.00	49.87 1.12 0.00	53.44 0.94 0.00	56.11 1.21 0.00	58.40 0.98 0.00	62.43 0.92 0.00	65.21 0.96 0.00	77.08 0.99 0.00	83.28 0.33 0.00	88.07 0.61 0.00	81.51 0.89 0.00	78.41 1.61 0.00	69.23 1.56 0.00	58.31 1.20 0.00	54.67 0.91 0.00
MAPLEWOD_115KV_TB3 80458	57.40 1.62 0.00	49.52 1.58 0.00	43.72 1.56 0.00	42.28 1.59 0.00	42.08 1.62 0.00	41.60 1.60 0.00	44.32 1.62 0.00	40.40 1.40 0.00	43.54 1.02 0.00	48.00 0.89 0.00	49.44 0.68 0.00	53.18 0.68 0.00	55.50 0.60 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.95 0.71 0.00	77.23 1.14 0.00	84.93 1.99 0.00	89.65 2.19 0.00	82.31 1.69 0.00	78.18 1.38 0.00	68.69 1.02 0.00	58.02 0.91 0.00	54.73 0.97 0.00
MAPLE_RIDGE_WT_1 323574	55.67 -0.11 0.00	47.80 -0.14 0.00	42.07 -0.08 0.00	40.61 -0.08 0.00	40.38 -0.08 0.00	39.92 -0.08 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.52 0.00 0.00	47.10 0.00 0.00	48.75 0.00 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.11 -0.13 0.00	75.87 -0.23 0.00	82.61 -0.33 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.42 -0.38 0.00	67.27 -0.40 0.00	56.71 -0.40 0.00	53.27 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	55.67 -0.11 0.00	47.80 -0.14 0.00	42.07 -0.08 0.00	40.61 -0.08 0.00	40.38 -0.08 0.00	39.92 -0.08 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.52 0.00 0.00	47.10 0.00 0.00	48.75 0.00 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.11 -0.13 0.00	75.87 -0.23 0.00	82.61 -0.33 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.42 -0.38 0.00	67.27 -0.40 0.00	56.71 -0.40 0.00	53.27 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	55.67 -0.11 0.00	47.70 -0.24 0.00	41.95 -0.21 0.00	40.49 -0.20 0.00	40.30 -0.16 0.00	39.80 -0.20 0.00	42.52 -0.17 0.00	38.91 -0.08 0.00	42.82 0.30 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.87 0.37 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.87 -0.23 0.00	82.11 -0.83 0.00	86.67 -0.79 0.00	80.06 -0.56 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.28 0.17 0.00	53.92 0.16 0.00
MARSHVLE_115KV_TB1 80742	60.97 5.19 0.00	52.45 4.51 0.00	46.03 3.88 0.00	44.31 3.62 0.00	44.02 3.56 0.00	43.56 3.56 0.00	46.37 3.67 0.00	41.84 2.85 0.00	45.03 2.51 0.00	49.60 2.50 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.81 2.91 0.00	60.87 3.45 0.00	65.38 3.87 0.00	68.55 4.30 0.00	81.72 5.63 0.00	90.16 7.22 0.00	95.95 8.48 0.00	89.09 8.47 0.00	84.79 7.99 0.00	74.31 6.63 0.00	62.48 5.37 0.00	58.76 5.00 0.00
MARSH_HILL_WT_PWR 323713	56.51 0.72 0.00	48.81 0.86 0.00	42.62 0.46 0.00	41.18 0.49 0.00	40.34 -0.12 0.00	39.92 -0.08 0.00	42.61 -0.09 0.00	38.84 -0.16 0.00	41.71 -0.81 0.00	46.35 -0.76 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	54.90 0.00 0.00	57.71 0.29 0.00	62.18 0.68 0.00	64.88 0.64 0.00	77.46 1.37 0.00	84.93 1.99 0.00	90.61 3.14 0.00	84.65 4.03 0.00	79.64 2.84 0.00	69.70 2.03 0.00	58.54 1.43 0.00	55.48 1.72 0.00
MCINTYRE_115KV_TB2 80467	56.79 1.00 0.00	48.52 0.58 0.00	42.62 0.46 0.00	41.10 0.41 0.00	41.07 0.61 0.00	40.60 0.60 0.00	43.21 0.51 0.00	39.30 0.31 0.00	43.28 0.77 0.00	48.00 0.89 0.00	49.58 0.83 0.00	53.13 0.63 0.00	55.72 0.82 0.00	58.17 0.75 0.00	62.24 0.74 0.00	64.82 0.58 0.00	76.70 0.61 0.00	83.03 0.08 0.00	88.42 0.96 0.00	82.31 1.69 0.00	79.49 2.69 0.00	70.31 2.64 0.00	59.28 2.17 0.00	55.26 1.51 0.00
MECO_____69_KV_BK1 80468	61.25 5.47 0.00	52.69 4.75 0.00	46.25 4.09 0.00	44.51 3.82 0.00	44.23 3.76 0.00	43.68 3.68 0.00	46.58 3.89 0.00	42.19 3.20 0.00	45.45 2.93 0.00	50.07 2.97 0.00	51.58 2.83 0.00	55.44 2.94 0.00	58.03 3.13 0.00	61.10 3.68 0.00	65.56 4.06 0.00	68.80 4.56 0.00	82.03 5.94 0.00	90.74 7.80 0.00	96.56 9.10 0.00	89.41 8.79 0.00	85.09 8.29 0.00	74.58 6.90 0.00	62.71 5.60 0.00	58.97 5.21 0.00
MENANDS___115KV_TB5 355628	57.01 1.23 0.00	49.19 1.25 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.40 1.40 0.00	44.15 1.45 0.00	40.24 1.25 0.00	43.33 0.81 0.00	47.76 0.66 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.17 0.27 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.50 0.26 0.00	76.70 0.61 0.00	84.19 1.24 0.00	88.86 1.40 0.00	81.59 0.97 0.00	77.41 0.61 0.00	68.08 0.41 0.00	57.51 0.40 0.00	54.24 0.48 0.00
MG INDUSTRY___DRP 24185	57.12 1.34 0.00	49.28 1.34 0.00	43.50 1.35 0.00	42.07 1.38 0.00	41.92 1.46 0.00	41.40 1.40 0.00	44.15 1.45 0.00	40.08 1.09 0.00	43.16 0.64 0.00	47.57 0.47 0.00	49.00 0.24 0.00	52.65 0.16 0.00	54.96 0.05 0.00	57.19 -0.23 0.00	59.97 -1.54 0.00	62.83 -1.41 0.00	74.68 -1.37 0.05	82.03 -0.91 0.00	86.67 -0.79 0.00	79.73 -0.89 0.00	75.80 -1.00 0.00	66.73 -0.95 0.00	56.43 -0.69 0.00	53.22 -0.54 0.00

MID___OSWEGATCHIE_HYD 23849	56.62 0.84 0.00	48.37 0.43 0.00	42.28 0.13 0.00	40.73 0.04 0.00	40.70 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.53 0.42 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.62 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.14 0.00	82.31 1.69 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
MID___RAQUETTE_HYD 23851	55.73 -0.06 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.67 0.57 0.00	49.34 0.59 0.00	52.92 0.42 0.00	55.45 0.55 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.17 0.08 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.78 0.16 0.00	77.80 1.00 0.00	68.76 1.08 0.00	58.08 0.97 0.00	54.19 0.43 0.00
MILLIKEN___1 23584	56.90 1.12 0.00	49.00 1.05 0.00	42.91 0.76 0.00	41.38 0.69 0.00	41.03 0.57 0.00	40.60 0.60 0.00	43.38 0.68 0.00	39.54 0.55 0.00	42.82 0.30 0.00	47.29 0.19 0.00	49.14 0.39 0.00	53.07 0.58 0.00	55.50 0.60 0.00	58.28 0.86 0.00	62.61 1.11 0.00	65.53 1.28 0.00	78.15 2.05 0.00	85.68 2.74 0.00	90.70 3.24 0.00	84.25 3.63 0.00	79.56 2.76 0.00	69.91 2.23 0.00	58.77 1.66 0.00	55.42 1.67 0.00
MILLIKEN___2 23585	56.90 1.12 0.00	49.00 1.05 0.00	42.91 0.76 0.00	41.38 0.69 0.00	41.03 0.57 0.00	40.60 0.60 0.00	43.38 0.68 0.00	39.54 0.55 0.00	42.82 0.30 0.00	47.29 0.19 0.00	49.14 0.39 0.00	53.07 0.58 0.00	55.50 0.60 0.00	58.28 0.86 0.00	62.61 1.11 0.00	65.53 1.28 0.00	78.15 2.05 0.00	85.68 2.74 0.00	90.70 3.24 0.00	84.25 3.63 0.00	79.56 2.76 0.00	69.91 2.23 0.00	58.77 1.66 0.00	55.42 1.67 0.00
MILLIKEN___DIESEL 23629	56.90 1.12 0.00	49.00 1.05 0.00	42.91 0.76 0.00	41.38 0.69 0.00	41.03 0.57 0.00	40.60 0.60 0.00	43.38 0.68 0.00	39.54 0.55 0.00	42.82 0.30 0.00	47.29 0.19 0.00	49.14 0.39 0.00	53.07 0.58 0.00	55.50 0.60 0.00	58.28 0.86 0.00	62.61 1.11 0.00	65.53 1.28 0.00	78.15 2.05 0.00	85.68 2.74 0.00	90.70 3.24 0.00	84.25 3.63 0.00	79.56 2.76 0.00	69.91 2.23 0.00	58.77 1.66 0.00	55.42 1.67 0.00
MILLSEAT___LFGE 323607	55.62 -0.17 0.00	48.13 0.19 0.00	41.90 -0.25 0.00	40.65 -0.04 0.00	39.57 -0.89 0.00	39.12 -0.88 0.00	41.20 -1.50 0.00	37.86 -1.13 0.00	40.86 -1.66 0.00	45.83 -1.27 0.00	48.22 -0.54 0.00	52.39 -0.10 0.00	54.68 -0.22 0.00	57.42 0.00 0.00	61.94 0.43 0.00	64.31 0.06 0.00	77.01 0.92 0.00	83.77 0.83 0.00	89.56 2.10 0.00	83.44 2.82 0.00	77.95 1.15 0.00	68.35 0.68 0.00	57.80 0.69 0.00	54.94 1.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	58.80 3.01 0.00	50.91 2.97 0.00	44.81 2.66 0.00	43.13 2.44 0.00	42.81 2.35 0.00	42.36 2.36 0.00	45.34 2.65 0.00	41.49 2.50 0.00	45.03 2.51 0.00	49.88 2.78 0.00	51.43 2.68 0.00	55.33 2.83 0.00	57.86 2.96 0.00	60.24 2.81 0.00	64.39 2.89 0.00	67.13 2.89 0.00	79.97 3.88 0.00	87.84 4.89 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.88 1.77 0.00	55.91 2.15 0.00
MILLWOOD_13_KV_LOAD 356217	59.02 3.24 0.00	51.06 3.12 0.00	44.94 2.78 0.00	43.21 2.52 0.00	42.93 2.47 0.00	42.48 2.48 0.00	45.47 2.78 0.00	41.61 2.61 0.00	45.16 2.64 0.00	50.02 2.92 0.00	51.63 2.88 0.00	55.49 2.99 0.00	58.08 3.18 0.00	60.41 2.99 0.00	64.58 3.08 0.00	67.39 3.15 0.00	80.28 4.19 0.00	88.17 5.23 0.00	92.27 4.81 0.00	84.33 3.71 0.00	79.79 3.00 0.00	69.71 2.03 0.00	59.05 1.94 0.00	56.07 2.31 0.00
MODEL_CITY_ENERGY 24167	54.17 -1.62 0.00	47.03 -0.91 0.00	40.93 -1.22 0.00	39.79 -0.90 0.00	38.64 -1.82 0.00	38.28 -1.72 0.00	40.13 -2.56 0.00	36.85 -2.14 0.00	39.88 -2.64 0.00	44.70 -2.40 0.00	46.95 -1.80 0.00	50.97 -1.52 0.00	53.20 -1.70 0.00	55.81 -1.61 0.00	60.15 -1.35 0.00	62.38 -1.87 0.00	74.57 -1.52 0.00	80.95 -1.99 0.00	86.42 -1.05 0.00	80.30 -0.32 0.00	75.04 -1.76 0.00	65.78 -1.89 0.00	55.80 -1.31 0.00	53.22 -0.54 0.00
MODERN_LFGE___ 323580	54.17 -1.62 0.00	47.03 -0.91 0.00	40.93 -1.22 0.00	39.79 -0.90 0.00	38.64 -1.82 0.00	38.28 -1.72 0.00	40.13 -2.56 0.00	36.85 -2.14 0.00	39.88 -2.64 0.00	44.70 -2.40 0.00	46.95 -1.80 0.00	50.97 -1.52 0.00	53.20 -1.70 0.00	55.81 -1.61 0.00	60.15 -1.35 0.00	62.38 -1.87 0.00	74.57 -1.52 0.00	80.95 -1.99 0.00	86.42 -1.05 0.00	80.30 -0.32 0.00	75.04 -1.76 0.00	65.78 -1.89 0.00	55.80 -1.31 0.00	53.22 -0.54 0.00
MOHAWK_PAPER___DRP 24187	57.40 1.62 0.00	49.52 1.58 0.00	43.72 1.56 0.00	42.28 1.59 0.00	42.08 1.62 0.00	41.60 1.60 0.00	44.32 1.62 0.00	40.40 1.40 0.00	43.54 1.02 0.00	48.00 0.89 0.00	49.44 0.68 0.00	53.18 0.68 0.00	55.50 0.60 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.95 0.71 0.00	77.23 1.14 0.00	84.93 1.99 0.00	89.65 2.19 0.00	82.31 1.69 0.00	78.18 1.38 0.00	68.69 1.02 0.00	58.02 0.91 0.00	54.73 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	59.19 3.40 0.00	50.91 2.97 0.00	44.81 2.66 0.00	43.17 2.48 0.00	42.89 2.43 0.00	42.40 2.40 0.00	45.17 2.48 0.00	41.18 2.18 0.00	44.47 1.96 0.00	48.99 1.88 0.00	50.12 1.37 0.00	53.76 1.26 0.00	56.16 1.26 0.00	58.97 1.55 0.00	63.10 1.60 0.00	66.30 2.06 0.00	78.98 2.89 0.00	87.17 4.23 0.00	93.15 5.69 0.00	85.86 5.24 0.00	81.87 5.07 0.00	71.80 4.13 0.00	60.42 3.31 0.00	56.77 3.01 0.00
MONGAUP___HYD 23641	58.80 3.01 0.00	50.72 2.78 0.00	44.60 2.44 0.00	42.93 2.24 0.00	42.69 2.22 0.00	42.08 2.08 0.00	45.00 2.30 0.00	41.02 2.03 0.00	44.35 1.83 0.00	48.99 1.89 0.00	50.61 1.85 0.00	54.07 1.57 0.00	56.66 1.76 0.00	59.26 1.84 0.00	63.47 1.97 0.00	66.81 2.57 0.00	79.82 3.73 0.00	87.84 4.89 0.00	92.44 4.98 0.00	84.89 4.27 0.00	80.41 3.61 0.00	70.31 2.64 0.00	59.40 2.29 0.00	56.12 2.36 0.00
MONTAUK___DIESEL 23721	61.59 5.80 0.00	53.12 5.18 0.00	46.62 4.47 0.00	44.64 3.95 0.00	44.10 3.64 0.00	43.52 3.52 0.00	45.90 3.20 0.00	42.23 3.24 0.00	46.79 4.00 -0.28	52.14 4.80 -0.23	55.19 5.07 -1.36	58.98 5.20 -1.28	60.12 5.22 0.00	62.36 4.94 0.00	65.91 4.61 0.20	69.25 5.01 0.00	81.56 5.48 0.01	89.74 7.13 0.33	94.20 6.73 0.00	85.04 4.43 0.02	73.53 3.07 6.35	63.92 2.17 5.92	61.11 4.00 0.00	58.22 4.46 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.29 0.50 0.00	48.76 0.82 0.00	42.41 0.25 0.00	40.89 0.20 0.00	39.86 -0.61 0.00	39.52 -0.48 0.00	42.10 -0.60 0.00	38.64 -0.35 0.00	41.71 -0.81 0.00	46.63 -0.47 0.00	49.34 0.59 0.00	53.55 1.05 0.00	56.16 1.26 0.00	58.91 1.49 0.00	63.53 2.03 0.00	66.10 1.86 0.00	78.91 2.82 0.00	86.01 3.07 0.00	90.70 3.24 0.00	85.46 4.84 0.00	79.49 2.69 0.00	69.50 1.83 0.00	58.54 1.43 0.00	55.16 1.40 0.00

MORRIS_RIDGE___SOLAR 323848	55.56 -0.22 0.00	48.04 0.10 0.00	41.90 -0.25 0.00	40.57 -0.12 0.00	39.65 -0.81 0.00	39.28 -0.72 0.00	41.80 -0.90 0.00	38.10 -0.90 0.00	40.95 -1.57 0.00	45.59 -1.51 0.00	47.63 -1.12 0.00	51.71 -0.79 0.00	54.08 -0.82 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.73 -0.52 0.00	76.17 0.08 0.00	83.19 0.25 0.00	88.78 1.31 0.00	82.88 2.25 0.00	77.95 1.15 0.00	68.28 0.61 0.00	57.57 0.45 0.00	54.67 0.91 0.00
MORTIMER_115KV_TB3 55949	55.39 -0.39 0.00	47.80 -0.14 0.00	41.69 -0.46 0.00	40.28 -0.41 0.00	39.57 -0.89 0.00	39.12 -0.88 0.00	41.54 -1.15 0.00	38.17 -0.82 0.00	41.29 -1.23 0.00	45.92 -1.18 0.00	48.46 -0.29 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.77 0.34 0.00	62.18 0.68 0.00	64.76 0.51 0.00	77.23 1.14 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.96 2.34 0.00	77.80 1.00 0.00	68.42 0.74 0.00	57.62 0.51 0.00	54.51 0.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	59.30 3.51 0.00	51.39 3.45 0.00	45.23 3.08 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.72 3.03 0.00	41.88 2.89 0.00	45.50 2.98 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.41 3.51 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.65 3.40 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.41 3.79 0.00	79.79 3.00 0.00	69.64 1.96 0.00	59.17 2.06 0.00	56.28 2.53 0.00
MUNSVILLE_WIND_PWR 323609	60.52 4.74 0.00	52.11 4.17 0.00	45.70 3.54 0.00	44.03 3.34 0.00	43.74 3.28 0.00	43.36 3.36 0.00	46.24 3.54 0.00	41.95 2.96 0.00	45.24 2.72 0.00	49.93 2.83 0.00	51.63 2.88 0.00	55.91 3.41 0.00	58.47 3.57 0.00	61.67 4.25 0.00	66.24 4.74 0.00	69.32 5.07 0.00	83.55 7.46 0.00	91.57 8.63 0.00	98.13 10.67 0.00	90.94 10.32 0.00	85.78 8.98 0.00	74.92 7.24 0.00	62.88 5.77 0.00	59.08 5.32 0.00
N SALMON___HYD 24042	56.34 0.56 0.00	48.23 0.29 0.00	42.41 0.25 0.00	40.89 0.20 0.00	40.75 0.29 0.00	40.24 0.24 0.00	43.03 0.34 0.00	39.34 0.35 0.00	43.32 0.81 0.00	48.19 1.08 0.00	49.88 1.12 0.00	53.44 0.95 0.00	56.11 1.21 0.00	58.40 0.98 0.00	62.43 0.92 0.00	65.21 0.97 0.00	77.01 0.92 0.00	83.28 0.33 0.00	87.99 0.53 0.00	81.51 0.89 0.00	78.34 1.54 0.00	69.23 1.56 0.00	58.31 1.20 0.00	54.62 0.86 0.00
N.AKRON__115KV_KNAPP 355671	55.34 -0.45 0.00	47.89 -0.05 0.00	41.69 -0.46 0.00	40.12 -0.57 0.00	39.05 -1.42 0.00	38.88 -1.12 0.00	40.90 -1.79 0.00	37.67 -1.33 0.00	40.61 -1.91 0.00	45.22 -1.88 0.00	47.97 -0.78 0.00	52.13 -0.37 0.00	54.41 -0.49 0.00	57.13 -0.29 0.00	61.56 0.06 0.00	63.92 -0.32 0.00	76.47 0.38 0.00	83.28 0.33 0.00	87.81 0.35 0.00	82.88 2.26 0.00	77.18 0.38 0.00	67.74 0.07 0.00	57.34 0.23 0.00	54.40 0.65 0.00
N.E_GEN_SANDY PD 24062	57.79 2.01 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.40 1.71 0.00	42.16 1.70 0.00	41.68 1.68 0.00	42.85 1.79 1.63	42.30 1.68 -1.63	43.92 1.40 0.00	48.42 1.32 0.00	49.88 1.12 0.00	53.60 1.10 0.00	55.94 1.04 0.00	58.46 1.03 0.00	62.55 1.04 0.00	65.33 1.09 0.00	77.92 1.82 0.00	85.60 2.65 0.00	90.00 2.54 0.00	82.71 2.09 0.00	78.42 1.62 0.00	71.09 1.08 -2.34	59.01 1.08 -0.82	51.78 1.18 3.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	58.74 2.96 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.05 2.36 0.00	42.73 2.27 0.00	42.24 2.24 0.00	45.26 2.56 0.00	41.41 2.42 0.00	44.90 2.38 0.00	49.74 2.64 0.00	51.34 2.58 0.00	55.23 2.73 0.00	57.81 2.91 0.00	60.24 2.81 0.00	64.46 2.95 0.00	67.26 3.02 0.00	80.13 4.03 0.00	87.92 4.98 0.00	92.01 4.55 0.00	84.09 3.47 0.00	79.49 2.69 0.00	69.50 1.83 0.00	58.88 1.77 0.00	55.91 2.15 0.00
N.QUEENS_27_KV_LOAD 356247	59.20 3.40 -0.02	51.74 3.79 -0.01	45.74 3.58 0.00	43.95 3.26 -0.01	43.55 3.08 -0.01	43.04 3.04 0.00	45.77 3.07 0.00	41.84 2.85 0.00	45.28 2.76 0.00	50.12 3.01 0.00	51.82 3.07 0.00	55.70 3.20 0.00	58.36 3.46 0.00	60.69 3.27 0.01	64.82 3.32 0.01	67.45 3.21 0.01	80.42 4.34 0.01	88.37 5.31 -0.12	92.26 4.81 0.01	84.24 3.63 0.01	79.63 2.84 0.01	69.49 1.83 0.01	59.05 1.94 0.00	56.35 2.58 -0.02
N.TROY___115KV_TB1 355778	57.90 2.12 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.49 1.79 0.00	40.59 1.60 0.00	43.79 1.28 0.00	48.33 1.22 0.00	49.68 0.93 0.00	53.44 0.94 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.49 0.98 0.00	65.40 1.16 0.00	77.84 1.75 0.00	85.68 2.74 0.00	90.61 3.15 0.00	83.20 2.58 0.00	79.03 2.23 0.00	69.43 1.76 0.00	58.65 1.54 0.00	55.26 1.51 0.00
NARROWS_GT1_1 24228	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_2 24229	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_3 24230	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_4 24231	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_5 24232	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01

NARROWS_GT1_6 24233	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_7 24234	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT1_8 24235	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_1 24236	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_2 24237	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_3 24238	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_4 24239	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_5 24240	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_6 24241	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_7 24242	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NARROWS_GT2_8 24243	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.03 2.92 0.00	51.73 2.97 0.00	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.88 3.38 0.01	59.60 3.27 7.92	78.20 4.57 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.76 3.71 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	58.35 2.57 0.00	50.19 2.25 0.00	44.31 2.15 0.00	42.89 2.20 0.00	42.69 2.23 0.00	42.00 2.00 0.00	44.74 2.05 0.00	40.55 1.56 0.00	43.37 0.85 0.00	47.71 0.61 0.00	49.09 0.34 0.00	52.76 0.26 0.00	55.12 0.22 0.00	57.54 0.11 0.00	61.38 -0.12 0.00	64.37 0.13 0.00	77.33 1.29 0.06	84.77 1.82 0.00	90.00 2.54 0.00	82.80 2.18 0.00	78.64 1.84 0.00	69.16 1.49 0.00	58.37 1.26 0.00	54.94 1.18 0.00
NCHELSEA_115KV_TR2 355582	59.08 3.29 0.00	51.01 3.07 0.00	44.90 2.74 0.00	43.21 2.52 0.00	42.93 2.47 0.00	42.36 2.36 0.00	45.34 2.65 0.00	41.41 2.42 0.00	44.86 2.34 0.00	49.69 2.59 0.00	51.34 2.58 0.00	55.23 2.73 0.00	57.81 2.91 0.00	60.41 2.99 0.00	64.70 3.20 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.50 5.56 0.00	92.88 5.42 0.00	84.89 4.27 0.00	80.33 3.53 0.00	70.25 2.57 0.00	59.40 2.28 0.00	56.23 2.47 0.00
NEG CAPITAL___MECHNVIL 23645	58.91 3.12 0.00	50.67 2.73 0.00	44.64 2.49 0.00	43.01 2.32 0.00	42.73 2.26 0.00	42.24 2.24 0.00	45.04 2.35 0.00	41.06 2.07 0.00	44.35 1.83 0.00	48.94 1.84 0.00	50.31 1.56 0.00	54.07 1.57 0.00	56.49 1.59 0.00	59.31 1.89 0.00	63.47 1.97 0.00	66.55 2.31 0.00	79.29 3.20 0.00	87.25 4.31 0.00	92.36 4.89 0.00	85.13 4.51 0.00	81.02 4.22 0.00	71.06 3.38 0.00	59.91 2.80 0.00	56.39 2.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.61 -1.17 0.00	47.08 -0.86 0.00	41.10 -1.05 0.00	39.76 -0.93 0.00	39.09 -1.38 0.00	38.64 -1.36 0.00	41.11 -1.58 0.00	37.71 -1.29 0.00	40.86 -1.66 0.00	45.59 -1.51 0.00	47.78 -0.97 0.00	51.81 -0.68 0.00	54.19 -0.72 0.00	56.90 -0.52 0.00	61.32 -0.18 0.00	63.86 -0.38 0.00	76.17 0.08 0.00	83.11 0.17 0.00	88.25 0.79 0.00	81.67 1.05 0.00	76.80 0.00 0.00	67.41 -0.27 0.00	56.83 -0.28 0.00	53.70 -0.05 0.00

NEG CENTRAL___DRP 24199	56.01 0.22 0.00	48.23 0.29 0.00	42.32 0.17 0.00	40.81 0.12 0.00	40.34 -0.12 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.09 -0.43 0.00	46.63 -0.47 0.00	48.61 -0.15 0.00	52.60 0.10 0.00	54.96 0.05 0.00	57.77 0.34 0.00	62.18 0.68 0.00	64.95 0.71 0.00	77.46 1.37 0.00	84.93 1.99 0.00	89.65 2.19 0.00	83.52 2.90 0.00	78.64 1.84 0.00	69.03 1.35 0.00	58.08 0.97 0.00	54.78 1.02 0.00
NEG CENTRAL___INDECK 23768	55.84 0.06 0.00	48.13 0.19 0.00	41.95 -0.21 0.00	40.53 -0.16 0.00	39.73 -0.73 0.00	39.24 -0.76 0.00	41.75 -0.94 0.00	38.06 -0.94 0.00	40.82 -1.70 0.00	45.17 -1.93 0.00	47.05 -1.71 0.00	51.03 -1.47 0.00	53.42 -1.48 0.00	55.93 -1.49 0.00	60.33 -1.17 0.00	62.96 -1.28 0.00	75.33 -0.76 0.00	82.94 0.00 0.00	89.30 1.84 0.00	84.01 3.39 0.00	79.18 2.38 0.00	69.57 1.89 0.00	58.48 1.37 0.00	55.32 1.56 0.00
NEG CENTRAL___SENECA 23627	56.29 0.50 0.00	48.52 0.58 0.00	42.54 0.38 0.00	41.02 0.33 0.00	40.46 0.00 0.00	40.04 0.04 0.00	42.74 0.04 0.00	39.07 0.08 0.00	42.18 -0.34 0.00	46.73 -0.38 0.00	48.75 0.00 0.00	52.81 0.31 0.00	55.23 0.33 0.00	58.05 0.63 0.00	62.55 1.05 0.00	65.33 1.09 0.00	78.00 1.90 0.00	85.52 2.57 0.00	90.35 2.89 0.00	84.41 3.79 0.00	79.33 2.53 0.00	69.57 1.89 0.00	58.48 1.37 0.00	55.21 1.45 0.00
NEG CENTRAL___STATE_STREET 24147	56.01 0.22 0.00	48.18 0.24 0.00	42.24 0.08 0.00	40.73 0.04 0.00	40.34 -0.12 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.18 -0.34 0.00	46.68 -0.42 0.00	48.61 -0.15 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.00 0.49 0.00	64.82 0.58 0.00	77.23 1.14 0.00	84.69 1.74 0.00	89.47 2.01 0.00	83.04 2.42 0.00	78.41 1.61 0.00	68.89 1.22 0.00	57.91 0.80 0.00	54.56 0.81 0.00
NEG MILLWOOD___DRP 24198	59.24 3.46 0.00	51.20 3.26 0.00	45.02 2.87 0.00	43.33 2.64 0.00	43.09 2.63 0.00	42.64 2.64 0.00	45.55 2.86 0.00	41.64 2.65 0.00	45.16 2.64 0.00	50.07 2.97 0.00	51.73 2.97 0.00	55.70 3.20 0.00	58.25 3.35 0.00	60.70 3.27 0.00	64.95 3.44 0.00	67.84 3.60 0.00	80.81 4.72 0.00	88.83 5.89 0.00	93.23 5.77 0.00	85.22 4.60 0.00	80.64 3.84 0.00	70.45 2.77 0.00	59.51 2.40 0.00	56.39 2.63 0.00
NEG NORTH_FLCN_SEA 23793	55.78 0.00 0.00	47.94 0.00 0.00	42.20 0.04 0.00	40.69 0.00 0.00	40.50 0.04 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.11 0.12 0.00	43.03 0.51 0.00	47.86 0.75 0.00	49.48 0.73 0.00	53.07 0.58 0.00	55.67 0.77 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	76.02 -0.08 0.00	82.20 -0.75 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	77.03 0.23 0.00	68.01 0.34 0.00	57.51 0.40 0.00	54.56 0.81 0.00
NEG NORTH_KES_CHATEGAY 23792	55.73 -0.06 0.00	47.75 -0.19 0.00	41.99 -0.17 0.00	40.53 -0.16 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.57 -0.13 0.00	38.91 -0.08 0.00	42.86 0.34 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.81 0.31 0.00	55.34 0.44 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.86 -0.23 0.00	82.11 -0.83 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	77.11 0.31 0.00	68.08 0.41 0.00	57.40 0.29 0.00	53.92 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	56.23 0.45 0.00	48.28 0.34 0.00	42.45 0.30 0.00	40.93 0.24 0.00	40.75 0.28 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.30 0.31 0.00	43.24 0.72 0.00	48.09 0.99 0.00	49.78 1.02 0.00	53.34 0.84 0.00	55.94 1.04 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.82 0.58 0.00	76.70 0.61 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.94 0.32 0.00	77.80 1.00 0.00	68.69 1.02 0.00	57.97 0.86 0.00	54.78 1.02 0.00
NEG NORTH___LWR_SARANAC 23913	56.23 0.45 0.00	48.28 0.34 0.00	42.45 0.30 0.00	40.93 0.24 0.00	40.75 0.28 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.30 0.31 0.00	43.24 0.72 0.00	48.09 0.99 0.00	49.78 1.02 0.00	53.34 0.84 0.00	55.94 1.04 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.82 0.58 0.00	76.70 0.61 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.94 0.32 0.00	77.80 1.00 0.00	68.69 1.02 0.00	57.97 0.86 0.00	54.78 1.02 0.00
NEG NORTH___PLATTSBURG 23628	56.23 0.44 0.00	48.28 0.34 0.00	42.45 0.30 0.00	40.94 0.25 0.00	40.75 0.29 0.00	40.24 0.24 0.00	42.99 0.30 0.00	39.30 0.31 0.00	43.24 0.72 0.00	48.04 0.94 0.00	49.78 1.03 0.00	53.33 0.84 0.00	55.94 1.04 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.82 0.58 0.00	76.63 0.54 0.00	82.94 0.00 0.00	87.55 0.09 0.00	80.94 0.32 0.00	77.72 0.92 0.00	68.69 1.02 0.00	57.97 0.86 0.00	54.78 1.02 0.00
NEG WEST_LEA_LOCKPORT 23791	54.28 -1.51 0.00	47.08 -0.86 0.00	40.98 -1.18 0.00	39.47 -1.22 0.00	38.40 -2.06 0.00	38.24 -1.76 0.00	40.22 -2.48 0.00	37.00 -1.99 0.00	39.97 -2.55 0.00	44.46 -2.64 0.00	47.14 -1.61 0.00	51.18 -1.31 0.00	53.36 -1.54 0.00	55.99 -1.44 0.00	60.27 -1.23 0.00	62.51 -1.73 0.00	74.72 -1.37 0.00	81.29 -1.66 0.00	85.54 -1.92 0.00	80.62 0.00 0.00	75.19 -1.61 0.00	65.92 -1.76 0.00	55.97 -1.14 0.00	53.22 -0.54 0.00
NEG WEST___LANCASTR 23811	54.00 -1.79 0.00	46.79 -1.15 0.00	40.72 -1.43 0.00	39.27 -1.42 0.00	38.32 -2.14 0.00	38.04 -1.96 0.00	40.47 -2.22 0.00	37.24 -1.75 0.00	40.22 -2.30 0.00	44.84 -2.26 0.00	47.44 -1.32 0.00	51.50 -1.00 0.00	53.91 -0.99 0.00	56.62 -0.80 0.00	61.01 -0.49 0.00	63.54 -0.71 0.00	75.79 -0.30 0.00	82.61 -0.33 0.00	87.02 -0.44 0.00	81.83 1.21 0.00	76.26 -0.54 0.00	66.86 -0.81 0.00	56.37 -0.74 0.00	53.44 -0.32 0.00
NEG_PENN_ALLEGHNY 23528	56.51 0.72 0.00	48.76 0.81 0.00	42.70 0.55 0.00	41.22 0.53 0.00	40.78 0.32 0.00	40.36 0.36 0.00	43.16 0.47 0.00	39.30 0.31 0.00	42.60 0.09 0.00	47.29 0.19 0.00	49.14 0.39 0.00	53.13 0.63 0.00	55.56 0.66 0.00	58.23 0.80 0.00	62.55 1.04 0.00	65.40 1.16 0.00	77.92 1.82 0.00	85.18 2.24 0.00	90.00 2.54 0.00	83.20 2.58 0.00	78.64 1.84 0.00	68.96 1.28 0.00	58.08 0.97 0.00	54.94 1.18 0.00
NEG___GEN_MONROE 24207	55.51 -0.28 0.00	47.89 -0.05 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.53 -0.93 0.00	39.16 -0.84 0.00	41.54 -1.15 0.00	38.06 -0.94 0.00	41.12 -1.40 0.00	45.69 -1.41 0.00	48.17 -0.59 0.00	52.18 -0.31 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.81 0.31 0.00	64.31 0.06 0.00	76.78 0.68 0.00	84.02 1.08 0.00	88.69 1.22 0.00	83.20 2.58 0.00	77.95 1.15 0.00	68.49 0.81 0.00	57.74 0.63 0.00	54.62 0.86 0.00
NEPA___ENERGY 23901	55.34 -0.45 0.00	47.94 0.00 0.00	41.73 -0.42 0.00	40.28 -0.41 0.00	39.33 -1.13 0.00	39.00 -1.00 0.00	41.58 -1.11 0.00	38.10 -0.90 0.00	41.12 -1.40 0.00	45.83 -1.27 0.00	48.46 -0.29 0.00	52.60 0.10 0.00	55.06 0.16 0.00	57.77 0.34 0.00	62.30 0.80 0.00	64.82 0.58 0.00	77.39 1.29 0.00	84.35 1.41 0.00	88.77 1.31 0.00	83.44 2.82 0.00	77.80 1.00 0.00	68.22 0.54 0.00	57.45 0.34 0.00	54.67 0.91 0.00

NEVERSINK___HYD 23608	58.41 2.62 0.00	50.39 2.44 0.00	44.30 2.15 0.00	42.60 1.91 0.00	42.36 1.90 0.00	41.84 1.84 0.00	44.74 2.05 0.00	40.83 1.83 0.00	44.26 1.74 0.00	48.99 1.89 0.00	50.65 1.90 0.00	54.49 1.99 0.00	57.10 2.20 0.00	59.78 2.36 0.00	64.09 2.58 0.00	67.00 2.76 0.00	80.04 3.95 0.00	87.84 4.89 0.00	92.27 4.81 0.00	84.57 3.95 0.00	80.02 3.22 0.00	69.98 2.30 0.00	59.16 2.05 0.00	55.91 2.15 0.00
NEWKRMKL_115KV_TB1 55635	56.79 1.00 0.00	49.00 1.05 0.00	43.34 1.18 0.00	42.03 1.34 0.00	41.84 1.38 0.00	41.32 1.32 0.00	44.06 1.37 0.00	40.16 1.17 0.00	43.16 0.64 0.00	47.57 0.47 0.00	49.05 0.29 0.00	52.71 0.21 0.00	54.96 0.05 0.00	57.42 0.00 0.00	61.32 -0.18 0.00	64.18 -0.06 0.00	76.32 0.23 0.00	83.77 0.83 0.00	88.42 0.96 0.00	81.19 0.56 0.00	77.11 0.31 0.00	67.74 0.07 0.00	57.23 0.11 0.00	54.03 0.27 0.00
NEWTON___FALLS_HYD 23847	56.62 0.84 0.00	48.37 0.43 0.00	42.28 0.13 0.00	40.73 0.04 0.00	40.70 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.53 0.42 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.62 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.14 0.00	82.31 1.69 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
NGRID_A1_DSASP 323792	53.16 -2.62 0.00	46.12 -1.82 0.00	40.18 -1.98 0.00	39.02 -1.67 0.00	37.91 -2.55 0.00	37.52 -2.48 0.00	39.75 -2.95 0.00	36.46 -2.53 0.00	39.50 -3.02 0.00	44.28 -2.82 0.00	46.46 -2.29 0.00	50.45 -2.05 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.53 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	79.96 -2.98 0.00	85.28 -2.18 0.00	79.17 -1.45 0.00	74.04 -2.76 0.00	64.97 -2.71 0.00	55.11 -2.00 0.00	52.63 -1.13 0.00
NGRID_A2_DSASP 323793	53.16 -2.62 0.00	46.12 -1.82 0.00	40.18 -1.98 0.00	39.02 -1.67 0.00	37.91 -2.55 0.00	37.52 -2.48 0.00	39.75 -2.95 0.00	36.46 -2.53 0.00	39.50 -3.02 0.00	44.28 -2.82 0.00	46.46 -2.29 0.00	50.45 -2.05 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.53 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	79.96 -2.98 0.00	85.28 -2.18 0.00	79.17 -1.45 0.00	74.04 -2.76 0.00	64.97 -2.71 0.00	55.11 -2.00 0.00	52.63 -1.13 0.00
NGRID_A4_DSASP 323807	53.16 -2.62 0.00	46.12 -1.82 0.00	40.18 -1.98 0.00	39.02 -1.67 0.00	37.91 -2.55 0.00	37.52 -2.48 0.00	39.75 -2.95 0.00	36.46 -2.53 0.00	39.50 -3.02 0.00	44.28 -2.82 0.00	46.46 -2.29 0.00	50.45 -2.05 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.53 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	79.96 -2.98 0.00	85.28 -2.18 0.00	79.17 -1.45 0.00	74.04 -2.76 0.00	64.97 -2.71 0.00	55.11 -2.00 0.00	52.63 -1.13 0.00
NIAGARA_115E_LBMP 323715	54.00 -1.79 0.00	46.89 -1.05 0.00	40.85 -1.31 0.00	39.71 -0.98 0.00	38.56 -1.90 0.00	38.20 -1.80 0.00	40.01 -2.69 0.00	36.69 -2.30 0.00	39.76 -2.76 0.00	44.56 -2.54 0.00	46.75 -2.00 0.00	50.76 -1.73 0.00	53.03 -1.87 0.00	55.58 -1.84 0.00	59.90 -1.60 0.00	62.12 -2.12 0.00	74.27 -1.83 0.00	80.71 -2.24 0.00	86.06 -1.40 0.00	79.97 -0.65 0.00	74.73 -2.07 0.00	65.51 -2.17 0.00	55.57 -1.54 0.00	53.01 -0.75 0.00
NIAGARA_115W_LBMP 323714	53.05 -2.73 0.00	46.02 -1.92 0.00	40.09 -2.06 0.00	38.94 -1.75 0.00	37.79 -2.67 0.00	37.44 -2.56 0.00	39.62 -3.07 0.00	36.34 -2.65 0.00	39.37 -3.15 0.00	44.14 -2.97 0.00	46.32 -2.44 0.00	50.29 -2.20 0.00	52.54 -2.36 0.00	55.07 -2.36 0.00	59.35 -2.15 0.00	61.55 -2.70 0.00	73.51 -2.59 0.00	79.79 -3.15 0.00	85.01 -2.45 0.00	78.92 -1.70 0.00	73.80 -3.00 0.00	64.77 -2.91 0.00	55.00 -2.11 0.00	52.47 -1.29 0.00
NIAGARA_230_LBMP 323716	53.83 -1.95 0.00	46.69 -1.25 0.00	40.64 -1.52 0.00	39.51 -1.18 0.00	38.36 -2.11 0.00	38.00 -2.00 0.00	40.22 -2.48 0.00	36.89 -2.11 0.00	39.97 -2.55 0.00	44.75 -2.35 0.00	46.95 -1.80 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	60.15 -1.35 0.00	62.44 -1.80 0.00	74.57 -1.52 0.00	81.04 -1.90 0.00	86.32 -1.14 0.00	80.14 -0.48 0.00	74.96 -1.84 0.00	65.71 -1.96 0.00	55.74 -1.37 0.00	53.17 -0.59 0.00
NIAGARA___115KV_198_GIBSON 55903	53.05 -2.73 0.00	46.02 -1.92 0.00	40.05 -2.11 0.00	39.27 -1.42 0.00	38.16 -2.31 0.00	37.40 -2.60 0.00	39.53 -3.16 0.00	36.34 -2.65 0.00	39.33 -3.19 0.00	43.71 -3.39 0.00	46.32 -2.44 0.00	50.29 -2.20 0.00	52.54 -2.36 0.00	55.07 -2.35 0.00	59.35 -2.15 0.00	61.54 -2.70 0.00	73.51 -2.59 0.00	79.88 -3.07 0.00	84.05 -3.41 0.00	79.09 -1.53 0.00	73.73 -3.07 0.00	64.77 -2.91 0.00	54.94 -2.17 0.00	52.36 -1.40 0.00
NIAGARA____ 23760	53.83 -1.95 0.00	46.69 -1.25 0.00	40.64 -1.52 0.00	39.51 -1.18 0.00	38.36 -2.11 0.00	38.00 -2.00 0.00	40.22 -2.48 0.00	36.89 -2.11 0.00	39.97 -2.55 0.00	44.75 -2.35 0.00	46.95 -1.80 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	60.15 -1.35 0.00	62.44 -1.80 0.00	74.57 -1.52 0.00	81.04 -1.90 0.00	86.32 -1.14 0.00	80.14 -0.48 0.00	74.96 -1.84 0.00	65.71 -1.96 0.00	55.74 -1.37 0.00	53.17 -0.59 0.00
NINE_MILE_1 23575	54.17 -1.62 0.00	46.65 -1.29 0.00	40.98 -1.18 0.00	39.55 -1.14 0.00	39.25 -1.21 0.00	38.80 -1.20 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.55 -1.55 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.87 -1.55 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.80 -1.66 0.00	79.17 -1.45 0.00	75.11 -1.69 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
NINE_MILE_2 23744	54.17 -1.62 0.00	46.65 -1.29 0.00	40.98 -1.18 0.00	39.55 -1.14 0.00	39.25 -1.21 0.00	38.80 -1.20 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.55 -1.55 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.87 -1.55 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.80 -1.66 0.00	79.17 -1.45 0.00	75.11 -1.69 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
NM_CAPITAL___DRP 24208	56.90 1.12 0.00	49.09 1.15 0.00	43.38 1.22 0.00	42.03 1.34 0.00	41.84 1.38 0.00	41.36 1.36 0.00	44.06 1.37 0.00	40.20 1.21 0.00	43.24 0.72 0.00	47.67 0.57 0.00	49.09 0.34 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.48 0.06 0.00	61.44 -0.06 0.00	64.31 0.06 0.00	76.47 0.38 0.00	83.94 1.00 0.00	88.60 1.14 0.00	81.35 0.73 0.00	77.18 0.38 0.00	67.88 0.20 0.00	57.34 0.23 0.00	54.13 0.38 0.00
NM_CENTRAL___DRP 24181	55.39 -0.39 0.00	47.65 -0.29 0.00	41.82 -0.34 0.00	40.36 -0.33 0.00	40.02 -0.45 0.00	39.56 -0.44 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.35 -0.75 0.00	48.22 -0.54 0.00	52.08 -0.42 0.00	54.41 -0.49 0.00	57.13 -0.29 0.00	61.32 -0.18 0.00	64.11 -0.13 0.00	76.25 0.15 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00

NM_FRONTIER___DRP 24179	53.05 -2.73 0.00	46.02 -1.92 0.00	40.05 -2.11 0.00	39.27 -1.42 0.00	38.16 -2.31 0.00	37.40 -2.60 0.00	39.53 -3.16 0.00	36.34 -2.65 0.00	39.33 -3.19 0.00	43.71 -3.39 0.00	46.32 -2.44 0.00	50.29 -2.20 0.00	52.54 -2.36 0.00	55.07 -2.35 0.00	59.35 -2.15 0.00	61.54 -2.70 0.00	73.51 -2.59 0.00	79.88 -3.07 0.00	84.05 -3.41 0.00	79.09 -1.53 0.00	73.73 -3.07 0.00	64.77 -2.91 0.00	54.94 -2.17 0.00	52.36 -1.40 0.00
NM_ST_REGIS___HYD 24053	55.90 0.11 0.00	47.75 -0.19 0.00	41.95 -0.21 0.00	40.45 -0.24 0.00	40.46 0.00 0.00	39.96 -0.04 0.00	42.65 -0.04 0.00	38.95 -0.04 0.00	42.99 0.47 0.00	47.86 0.75 0.00	49.48 0.73 0.00	53.07 0.58 0.00	55.67 0.77 0.00	58.05 0.63 0.00	62.06 0.55 0.00	64.63 0.39 0.00	76.40 0.30 0.00	82.53 -0.41 0.00	87.37 -0.09 0.00	80.94 0.32 0.00	77.95 1.15 0.00	68.89 1.22 0.00	58.14 1.03 0.00	54.35 0.59 0.00
NORTHPORT___1 23551	60.48 4.69 -0.01	52.31 4.36 -0.01	46.00 3.84 -0.01	44.24 3.54 -0.01	43.79 3.32 -0.01	43.32 3.32 0.00	45.77 3.08 0.00	42.11 3.12 0.00	46.29 3.53 -0.24	51.21 3.91 -0.20	53.78 3.85 -1.18	57.12 3.52 -1.11	58.36 3.46 0.00	59.66 2.24 0.00	60.32 1.60 2.78	65.91 1.67 0.00	77.86 1.90 0.14	85.69 3.07 0.33	89.65 2.19 0.00	81.49 0.89 0.02	70.58 0.23 6.45	61.19 -0.47 6.01	57.91 0.80 0.00	56.28 2.53 0.00
NORTHPORT___2 23552	60.48 4.69 -0.01	52.31 4.36 -0.01	46.00 3.84 -0.01	44.24 3.54 -0.01	43.79 3.32 -0.01	43.32 3.32 0.00	45.77 3.08 0.00	42.11 3.12 0.00	46.29 3.53 -0.24	51.21 3.91 -0.20	53.78 3.85 -1.18	57.12 3.52 -1.11	58.36 3.46 0.00	59.66 2.24 0.00	60.32 1.60 2.78	65.91 1.67 0.00	77.86 1.90 0.14	85.69 3.07 0.33	89.65 2.19 0.00	81.49 0.89 0.02	70.58 0.23 6.45	61.19 -0.47 6.01	57.91 0.80 0.00	56.28 2.53 0.00
NORTHPORT___3 23553	59.70 3.90 -0.01	51.69 3.74 -0.01	45.49 3.33 -0.01	43.71 3.01 -0.01	43.34 2.87 -0.01	42.84 2.84 0.00	45.39 2.69 0.00	41.72 2.73 0.00	45.85 3.10 -0.23	50.74 3.44 -0.20	53.33 3.41 -1.17	56.58 2.99 -1.10	57.86 2.96 0.00	59.25 1.84 0.01	60.13 1.42 2.79	65.71 1.48 0.01	77.70 1.75 0.14	85.33 2.73 0.35	89.29 1.84 0.01	81.17 0.57 0.02	70.38 0.00 6.42	61.01 -0.68 5.99	57.11 0.00 0.00	55.80 2.04 0.00
NORTHPORT___4 23650	59.70 3.90 -0.01	51.69 3.74 -0.01	45.49 3.33 -0.01	43.71 3.01 -0.01	43.34 2.87 -0.01	42.84 2.84 0.00	45.39 2.69 0.00	41.72 2.73 0.00	45.85 3.10 -0.23	50.74 3.44 -0.20	53.33 3.41 -1.17	56.58 2.99 -1.10	57.86 2.96 0.00	59.25 1.84 0.01	60.13 1.42 2.79	65.71 1.48 0.01	77.70 1.75 0.14	85.33 2.73 0.35	89.29 1.84 0.01	81.17 0.57 0.02	70.38 0.00 6.42	61.01 -0.68 5.99	57.11 0.00 0.00	55.80 2.04 0.00
NORTHPORT___IC 23718	60.47 4.69 0.00	52.30 4.36 0.00	46.03 3.88 0.00	44.27 3.58 0.00	43.86 3.40 0.00	43.32 3.32 0.00	45.90 3.20 0.00	42.11 3.12 0.00	46.29 3.53 -0.24	51.26 3.96 -0.20	53.78 3.85 -1.18	57.07 3.46 -1.11	57.92 3.02 0.00	59.72 2.30 0.00	60.32 1.60 2.78	65.91 1.67 0.00	77.56 1.60 0.14	85.36 2.74 0.33	89.47 2.01 0.00	81.33 0.73 0.02	70.51 0.15 6.45	61.19 -0.47 6.01	58.71 1.60 0.00	56.50 2.74 0.00
NORTH___COUNTRY_ESR 323785	55.62 -0.17 0.00	47.61 -0.33 0.00	41.90 -0.25 0.00	40.41 -0.28 0.00	40.26 -0.20 0.00	39.76 -0.24 0.00	42.48 -0.21 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.57 0.47 0.00	49.24 0.49 0.00	52.81 0.32 0.00	55.39 0.49 0.00	57.59 0.17 0.00	61.63 0.12 0.00	64.37 0.13 0.00	75.79 -0.30 0.00	82.03 -0.91 0.00	86.59 -0.87 0.00	79.97 -0.65 0.00	76.72 -0.08 0.00	67.88 0.20 0.00	57.23 0.11 0.00	53.76 0.00 0.00
NPX_GEN_1385_PROXY 323591	60.64 4.85 -0.01	52.21 4.27 -0.01	46.00 3.84 -0.01	44.40 3.70 -0.01	43.79 3.32 -0.01	43.44 3.44 0.00	43.97 2.90 1.63	43.59 2.96 -1.63	45.99 3.23 -0.24	50.74 3.44 -0.20	50.83 2.97 0.90	53.20 2.52 1.82	54.40 2.41 2.91	58.80 1.38 0.00	59.89 1.17 2.78	65.78 1.54 0.00	77.86 1.90 0.14	85.77 3.15 0.33	89.73 2.27 0.00	82.13 1.53 0.02	71.20 0.85 6.45	64.00 0.00 3.68	58.50 0.57 -0.82	52.69 2.09 3.16
NPX_GEN_CSC 323557	60.37 4.58 -0.01	52.21 4.27 -0.01	45.87 3.71 -0.01	43.99 3.29 -0.01	43.54 3.07 -0.01	43.00 3.00 0.00	43.71 2.65 1.63	43.39 2.77 -1.63	46.07 3.27 -0.28	51.06 3.72 -0.23	53.92 3.81 -1.36	57.45 3.67 -1.28	58.74 3.84 0.00	60.41 2.98 0.00	63.76 2.46 0.20	66.88 2.63 0.00	79.05 2.96 0.01	86.92 4.31 0.33	91.05 3.59 0.00	82.46 1.86 0.02	71.45 1.00 6.35	64.29 0.20 3.59	59.07 1.14 -0.82	53.02 2.42 3.16
NSINS_S_GLNS_FALLS 23858	59.13 3.35 0.00	50.82 2.88 0.00	44.77 2.61 0.00	43.13 2.44 0.00	42.85 2.39 0.00	42.36 2.36 0.00	45.13 2.43 0.00	41.14 2.14 0.00	44.43 1.91 0.00	48.94 1.84 0.00	50.07 1.32 0.00	53.70 1.21 0.00	56.11 1.21 0.00	58.91 1.49 0.00	63.04 1.54 0.00	66.23 1.99 0.00	78.91 2.82 0.00	87.09 4.15 0.00	93.06 5.60 0.00	85.78 5.16 0.00	81.79 4.99 0.00	71.74 4.06 0.00	60.37 3.26 0.00	56.71 2.96 0.00
NUCOR_STEEL___DRP 24197	56.12 0.33 0.00	48.28 0.34 0.00	42.32 0.17 0.00	40.85 0.16 0.00	40.46 0.00 0.00	40.00 0.00 0.00	42.74 0.04 0.00	39.03 0.04 0.00	42.26 -0.26 0.00	46.77 -0.33 0.00	48.70 -0.05 0.00	52.65 0.16 0.00	55.01 0.11 0.00	57.77 0.34 0.00	62.06 0.55 0.00	64.88 0.64 0.00	77.23 1.14 0.00	84.60 1.66 0.00	89.39 1.92 0.00	82.88 2.26 0.00	78.34 1.54 0.00	68.83 1.15 0.00	57.91 0.80 0.00	54.62 0.86 0.00
NUMBER_THREE_WT_PWR 323818	57.62 1.84 0.00	49.28 1.34 0.00	42.87 0.72 0.00	41.30 0.61 0.00	41.15 0.69 0.00	40.72 0.72 0.00	43.29 0.60 0.00	39.38 0.39 0.00	43.16 0.64 0.00	47.71 0.61 0.00	49.34 0.59 0.00	53.18 0.68 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.55 1.04 0.00	65.21 0.97 0.00	77.92 1.82 0.00	84.44 1.49 0.00	90.18 2.71 0.00	83.76 3.14 0.00	79.64 2.84 0.00	69.98 2.30 0.00	58.71 1.60 0.00	54.89 1.13 0.00
NYISO_LBMP_REFERENCE 24008	55.78 0.00 0.00	47.94 0.00 0.00	42.16 0.00 0.00	40.69 0.00 0.00	40.46 0.00 0.00	40.00 0.00 0.00	42.69 0.00 0.00	38.99 0.00 0.00	42.52 0.00 0.00	47.10 0.00 0.00	48.75 0.00 0.00	52.50 0.00 0.00	54.90 0.00 0.00	57.42 0.00 0.00	61.50 0.00 0.00	64.24 0.00 0.00	76.09 0.00 0.00	82.94 0.00 0.00	87.46 0.00 0.00	80.62 0.00 0.00	76.80 0.00 0.00	67.68 0.00 0.00	57.11 0.00 0.00	53.76 0.00 0.00
NYPA_BRENTWD____GT 24164	61.32 5.52 -0.01	53.03 5.08 -0.01	46.63 4.47 -0.01	44.77 4.07 -0.01	44.32 3.85 -0.01	43.80 3.80 0.00	46.28 3.59 0.00	42.58 3.59 0.00	46.93 4.08 -0.33	51.94 4.57 -0.27	54.97 4.63 -1.58	58.50 4.52 -1.49	59.51 4.61 0.00	61.10 3.68 0.00	64.44 3.20 0.26	67.58 3.34 0.00	79.96 3.88 0.01	87.85 5.23 0.32	92.01 4.55 0.00	83.50 2.90 0.02	72.64 2.07 6.23	63.01 1.15 5.81	59.05 1.94 0.00	57.09 3.33 0.00

NYPA_GOWANUS____GT5 24156	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.81 3.32 0.01	59.60 3.27 7.92	78.12 4.49 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.68 3.63 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NYPA_GOWANUS____GT6 24157	59.01 3.23 0.01	51.58 3.64 0.00	45.66 3.50 -0.01	43.87 3.18 0.00	43.41 2.95 0.00	42.84 2.84 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.32 2.81 0.00	50.02 2.92 0.01	51.72 2.97 0.01	55.48 2.99 0.01	58.19 3.29 0.01	60.63 3.21 0.01	64.81 3.32 0.01	59.60 3.27 7.92	78.12 4.49 2.46	74.19 5.47 14.23	72.24 4.72 19.94	59.68 3.63 24.57	64.35 2.99 15.44	69.56 1.89 0.01	58.88 1.77 0.01	55.90 2.15 0.01
NYPA_HARLEM__RVR__GT1 24160	59.08 3.29 -0.01	51.64 3.69 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.46 2.99 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.19 2.68 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.46 3.04 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.00 5.06 0.01	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.88 1.77 0.01	56.13 2.36 -0.01
NYPA_HARLEM__RVR__GT2 24161	59.08 3.29 -0.01	51.64 3.69 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.46 2.99 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.19 2.68 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.46 3.04 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.00 5.06 0.01	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.88 1.77 0.01	56.13 2.36 -0.01
NYPA_KENT____GT 24152	59.01 3.23 0.01	51.54 3.60 0.00	45.58 3.41 -0.01	43.78 3.09 0.00	43.38 2.91 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.80 2.81 0.00	45.37 2.85 0.00	50.12 3.02 0.00	51.78 3.02 0.00	55.53 3.04 0.01	58.19 3.29 0.01	60.25 3.10 0.27	62.51 3.20 2.19	59.47 3.15 7.92	70.67 4.34 9.76	68.72 5.23 19.46	66.97 4.46 24.95	59.52 3.46 24.57	62.28 2.84 17.36	65.27 1.76 4.17	58.88 1.77 0.01	55.95 2.20 0.01
NYPA_POUCH1____GT 24155	53.17 2.90 5.51	51.44 3.50 0.00	45.58 3.41 -0.01	43.78 3.09 0.00	43.38 2.91 0.00	42.76 2.76 0.00	45.55 2.86 0.00	41.65 2.65 0.00	45.20 2.68 0.00	49.78 2.68 0.01	51.27 2.68 0.17	53.60 2.73 1.62	57.65 2.96 0.21	59.94 2.93 0.40	56.20 3.01 8.31	56.14 2.96 11.06	71.95 4.11 8.25	73.45 5.06 14.56	71.58 4.28 20.16	59.11 3.31 24.82	61.95 2.61 17.46	53.66 1.49 15.50	53.21 1.48 5.38	54.49 1.88 1.15
NYPA_VERNON____GT2 24162	59.01 3.23 0.01	51.54 3.60 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.34 2.87 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.88 2.89 0.00	45.41 2.89 0.00	50.16 3.06 0.00	51.83 3.07 0.00	55.58 3.10 0.01	58.13 3.24 0.01	59.87 2.98 0.53	60.21 3.07 4.37	59.34 3.02 7.92	63.22 4.18 17.06	63.32 5.06 24.68	61.79 4.28 29.96	59.36 3.31 24.57	60.13 2.61 19.29	60.91 1.56 8.32	58.81 1.71 0.01	56.01 2.26 0.01
NYPA_VERNON____GT3 24163	59.01 3.23 0.01	51.54 3.60 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.34 2.87 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.88 2.89 0.00	45.41 2.89 0.00	50.16 3.06 0.00	51.83 3.07 0.00	55.58 3.10 0.01	58.13 3.24 0.01	59.87 2.98 0.53	60.21 3.07 4.37	59.34 3.02 7.92	63.22 4.18 17.06	63.32 5.06 24.68	61.79 4.28 29.96	59.36 3.31 24.57	60.13 2.61 19.29	60.91 1.56 8.32	58.81 1.71 0.01	56.01 2.26 0.01
NYPA____ASTORIA_CC1 323568	58.84 3.07 0.01	51.44 3.50 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.64 2.94 0.00	41.80 2.81 0.00	45.28 2.76 0.00	50.02 2.92 0.00	51.68 2.92 0.00	55.43 2.94 0.01	57.96 3.07 0.01	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.82 7.92	60.06 3.95 19.99	60.97 4.81 26.78	59.52 4.03 31.97	59.11 3.06 24.57	59.13 2.38 20.06	59.04 1.35 9.99	58.65 1.54 0.01	55.84 2.09 0.01
NYPA____ASTORIA_CC2 323569	58.84 3.07 0.01	51.44 3.50 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.64 2.94 0.00	41.80 2.81 0.00	45.28 2.76 0.00	50.02 2.92 0.00	51.68 2.92 0.00	55.43 2.94 0.01	57.96 3.07 0.01	59.60 2.81 0.64	59.15 2.89 5.24	59.15 2.82 7.92	60.06 3.95 19.99	60.97 4.81 26.78	59.52 4.03 31.97	59.11 3.06 24.57	59.13 2.38 20.06	59.04 1.35 9.99	58.65 1.54 0.01	55.84 2.09 0.01
NYPA____HOLTSVILL 23794	60.64 4.85 -0.01	52.55 4.60 -0.01	46.17 4.01 -0.01	44.32 3.62 -0.01	43.87 3.40 -0.01	43.36 3.36 0.00	45.81 3.11 0.00	42.11 3.12 0.00	46.41 3.61 -0.27	51.38 4.05 -0.23	54.24 4.14 -1.34	57.64 3.88 -1.26	58.91 4.01 0.00	60.52 3.10 0.00	63.83 2.52 0.19	66.88 2.63 0.00	79.05 2.96 0.01	86.76 4.15 0.33	90.87 3.41 0.00	82.46 1.86 0.02	71.52 1.07 6.36	62.15 0.41 5.93	58.43 1.31 0.00	56.44 2.69 0.00
NYPA____HELLGATE_GT1 24158	59.08 3.29 -0.01	51.64 3.69 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.46 2.99 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.19 2.68 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.46 3.04 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.00 5.06 0.01	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.88 1.77 0.01	56.13 2.36 -0.01
NYPA____HELLGATE_GT2 24159	59.08 3.29 -0.01	51.64 3.69 -0.01	45.62 3.46 -0.01	43.83 3.13 -0.01	43.46 2.99 -0.01	42.92 2.92 0.00	45.64 2.94 0.00	41.76 2.77 0.00	45.19 2.68 0.01	49.88 2.78 0.00	51.68 2.92 0.00	55.43 2.94 0.01	58.08 3.18 0.01	60.46 3.04 0.01	64.57 3.07 0.01	67.25 3.02 0.01	80.27 4.18 0.01	88.00 5.06 0.01	91.83 4.37 0.01	84.00 3.39 0.01	79.48 2.69 0.01	69.29 1.62 0.01	58.88 1.77 0.01	56.13 2.36 -0.01
NYS_BARGE____HYD 23848	54.45 -1.34 0.00	47.27 -0.67 0.00	41.14 -1.01 0.00	39.96 -0.73 0.00	38.80 -1.66 0.00	38.44 -1.56 0.00	40.39 -2.31 0.00	37.08 -1.91 0.00	40.14 -2.38 0.00	44.98 -2.12 0.00	47.29 -1.46 0.00	51.34 -1.16 0.00	53.58 -1.32 0.00	56.21 -1.21 0.00	60.58 -0.92 0.00	62.77 -1.48 0.00	75.10 -0.99 0.00	81.53 -1.41 0.00	87.03 -0.44 0.00	80.94 0.32 0.00	75.65 -1.15 0.00	66.25 -1.42 0.00	56.26 -0.86 0.00	53.60 -0.16 0.00
OAK ORCHARD____HYD 24046	55.40 -0.39 0.00	47.80 -0.14 0.00	41.73 -0.42 0.00	40.36 -0.33 0.00	39.61 -0.85 0.00	39.16 -0.84 0.00	41.58 -1.11 0.00	38.17 -0.82 0.00	41.33 -1.19 0.00	46.16 -0.94 0.00	48.46 -0.29 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.18 0.68 0.00	64.75 0.51 0.00	77.24 1.14 0.00	84.19 1.25 0.00	89.48 2.01 0.00	82.88 2.25 0.00	77.87 1.07 0.00	68.42 0.75 0.00	57.68 0.57 0.00	54.62 0.86 0.00

OAKDALE___35_KV_LOAD 356122	56.23 0.45 0.00	48.47 0.53 0.00	42.49 0.34 0.00	40.97 0.28 0.00	40.58 0.12 0.00	40.16 0.16 0.00	42.95 0.26 0.00	39.11 0.12 0.00	42.39 -0.13 0.00	46.96 -0.14 0.00	48.90 0.15 0.00	52.86 0.37 0.00	55.23 0.33 0.00	57.94 0.52 0.00	62.18 0.68 0.00	64.95 0.71 0.00	77.31 1.22 0.00	84.60 1.66 0.00	89.21 1.75 0.00	82.64 2.02 0.00	78.03 1.23 0.00	68.56 0.88 0.00	57.74 0.63 0.00	54.62 0.86 0.00
OCC_CHEM___DRP 24175	53.16 -2.62 0.00	46.12 -1.82 0.00	40.17 -1.98 0.00	39.35 -1.34 0.00	38.24 -2.23 0.00	37.48 -2.52 0.00	39.66 -3.03 0.00	36.46 -2.53 0.00	39.42 -3.10 0.00	43.80 -3.30 0.00	46.46 -2.29 0.00	50.40 -2.10 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.54 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	80.12 -2.82 0.00	84.23 -3.24 0.00	79.33 -1.29 0.00	73.96 -2.84 0.00	64.90 -2.77 0.00	55.11 -2.00 0.00	52.52 -1.24 0.00
OH_GEN_PROXY 24063	53.83 -1.95 0.00	46.65 -1.29 0.00	40.64 -1.52 0.00	39.47 -1.22 0.00	38.40 -2.06 0.00	38.00 -2.00 0.00	38.63 -2.43 1.63	38.60 -2.03 -1.63	40.01 -2.51 0.00	44.84 -2.26 0.00	47.00 -1.75 0.00	51.08 -1.41 0.00	53.36 -1.54 0.00	55.93 -1.49 0.00	60.27 -1.23 0.00	62.57 -1.67 0.00	74.80 -1.29 0.00	81.29 -1.66 0.00	86.50 -0.96 0.00	80.30 -0.32 0.00	75.11 -1.69 0.00	68.19 -1.82 -2.34	56.62 -1.31 -0.82	50.06 -0.54 3.16
OLIN_CORP_DRP 24177	54.06 -1.73 0.00	46.93 -1.01 0.00	40.85 -1.31 0.00	39.22 -1.46 0.00	38.16 -2.31 0.00	38.16 -1.84 0.00	40.00 -2.69 0.00	36.77 -2.22 0.00	39.76 -2.76 0.00	44.18 -2.92 0.00	46.85 -1.90 0.00	50.87 -1.63 0.00	53.14 -1.76 0.00	55.70 -1.72 0.00	60.03 -1.48 0.00	62.25 -1.99 0.00	74.42 -1.67 0.00	80.95 -1.99 0.00	85.19 -2.27 0.00	80.22 -0.40 0.00	74.73 -2.07 0.00	65.58 -2.10 0.00	55.63 -1.48 0.00	52.95 -0.81 0.00
OLIN_CORP_DSASP 323712	53.16 -2.62 0.00	46.12 -1.82 0.00	40.18 -1.98 0.00	39.02 -1.67 0.00	37.91 -2.55 0.00	37.52 -2.48 0.00	39.75 -2.95 0.00	36.46 -2.53 0.00	39.50 -3.02 0.00	44.28 -2.82 0.00	46.46 -2.29 0.00	50.45 -2.05 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.53 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	79.96 -2.98 0.00	85.28 -2.18 0.00	79.17 -1.45 0.00	74.04 -2.76 0.00	64.97 -2.71 0.00	55.11 -2.00 0.00	52.63 -1.13 0.00
ONEIDA_HERK_LFGE 323681	57.46 1.67 0.00	49.28 1.34 0.00	43.13 0.97 0.00	41.58 0.89 0.00	41.39 0.93 0.00	40.96 0.96 0.00	43.63 0.94 0.00	39.70 0.70 0.00	43.29 0.77 0.00	47.90 0.80 0.00	49.53 0.78 0.00	53.44 0.95 0.00	55.89 0.99 0.00	58.63 1.21 0.00	62.85 1.35 0.00	65.59 1.35 0.00	78.30 2.21 0.00	85.26 2.32 0.00	90.61 3.14 0.00	83.85 3.23 0.00	79.56 2.76 0.00	69.91 2.23 0.00	58.77 1.66 0.00	55.15 1.40 0.00
ONEIDA___115KV_TB4 55905	57.51 1.73 0.00	49.43 1.49 0.00	43.34 1.18 0.00	41.79 1.10 0.00	41.55 1.09 0.00	41.12 1.12 0.00	43.80 1.11 0.00	39.85 0.86 0.00	43.28 0.77 0.00	47.86 0.75 0.00	49.58 0.83 0.00	53.55 1.05 0.00	56.00 1.10 0.00	58.80 1.38 0.00	63.10 1.60 0.00	65.91 1.67 0.00	78.68 2.59 0.00	86.01 3.07 0.00	91.14 3.67 0.00	84.41 3.79 0.00	79.95 3.15 0.00	70.25 2.57 0.00	59.05 1.94 0.00	55.53 1.77 0.00
ONONDAGA_REF_OCCRA 23987	55.56 -0.22 0.00	47.80 -0.14 0.00	41.95 -0.21 0.00	40.45 -0.24 0.00	40.10 -0.36 0.00	39.64 -0.36 0.00	42.35 -0.34 0.00	38.68 -0.31 0.00	41.97 -0.55 0.00	46.49 -0.61 0.00	48.31 -0.44 0.00	52.18 -0.31 0.00	54.57 -0.33 0.00	57.25 -0.17 0.00	61.50 0.00 0.00	64.31 0.06 0.00	76.47 0.38 0.00	83.69 0.75 0.00	88.34 0.87 0.00	81.75 1.13 0.00	77.34 0.54 0.00	67.95 0.27 0.00	57.23 0.11 0.00	53.92 0.16 0.00
ONONDAGA___COGEN 23986	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
ONTARIO___LFGE 23819	56.29 0.50 0.00	48.52 0.58 0.00	42.53 0.38 0.00	41.05 0.37 0.00	40.46 0.00 0.00	40.04 0.04 0.00	42.78 0.09 0.00	39.07 0.08 0.00	42.22 -0.30 0.00	46.91 -0.19 0.00	48.75 0.00 0.00	52.81 0.32 0.00	55.23 0.33 0.00	58.05 0.63 0.00	62.55 1.04 0.00	65.33 1.09 0.00	78.00 1.90 0.00	85.52 2.57 0.00	90.78 3.32 0.00	84.33 3.71 0.00	79.41 2.61 0.00	69.64 1.96 0.00	58.48 1.37 0.00	55.26 1.50 0.00
ORANGEVILLE_WT_PWR 323706	55.17 -0.61 0.00	47.75 -0.19 0.00	41.61 -0.55 0.00	40.32 -0.37 0.00	39.33 -1.13 0.00	38.96 -1.04 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	40.77 -1.75 0.00	45.50 -1.60 0.00	47.68 -1.07 0.00	51.76 -0.74 0.00	54.13 -0.77 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.66 -0.58 0.00	76.09 0.00 0.00	82.94 0.00 0.00	88.52 1.05 0.00	82.48 1.86 0.00	77.34 0.54 0.00	67.74 0.07 0.00	57.23 0.11 0.00	54.35 0.59 0.00
ORANGEVILLE___ESR 323794	55.17 -0.61 0.00	47.75 -0.19 0.00	41.61 -0.55 0.00	40.32 -0.37 0.00	39.33 -1.13 0.00	38.96 -1.04 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	40.77 -1.75 0.00	45.50 -1.60 0.00	47.68 -1.07 0.00	51.76 -0.74 0.00	54.13 -0.77 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.66 -0.58 0.00	76.09 0.00 0.00	82.94 0.00 0.00	88.52 1.05 0.00	82.48 1.86 0.00	77.34 0.54 0.00	67.74 0.07 0.00	57.23 0.11 0.00	54.35 0.59 0.00
OSWEGATCHIE___HYD 24044	56.62 0.84 0.00	48.37 0.43 0.00	42.33 0.17 0.00	40.73 0.04 0.00	40.71 0.24 0.00	40.24 0.24 0.00	42.82 0.13 0.00	38.99 0.00 0.00	42.86 0.34 0.00	47.48 0.38 0.00	49.19 0.44 0.00	52.91 0.42 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.12 0.61 0.00	64.56 0.32 0.00	76.78 0.68 0.00	83.19 0.25 0.00	88.60 1.13 0.00	82.32 1.70 0.00	78.64 1.84 0.00	69.37 1.69 0.00	58.48 1.37 0.00	54.62 0.86 0.00
OSWEGO___5 23606	54.61 -1.17 0.00	47.03 -0.91 0.00	41.27 -0.89 0.00	39.83 -0.86 0.00	39.53 -0.93 0.00	39.08 -0.92 0.00	41.71 -0.98 0.00	38.10 -0.90 0.00	41.37 -1.15 0.00	45.88 -1.22 0.00	47.58 -1.17 0.00	51.34 -1.16 0.00	53.64 -1.26 0.00	56.27 -1.15 0.00	60.33 -1.17 0.00	63.09 -1.15 0.00	74.95 -1.14 0.00	81.86 -1.08 0.00	86.50 -0.96 0.00	79.82 -0.81 0.00	75.72 -1.08 0.00	66.59 -1.09 0.00	56.14 -0.97 0.00	52.90 -0.86 0.00
OSWEGO___6 23613	54.61 -1.17 0.00	47.03 -0.91 0.00	41.27 -0.89 0.00	39.83 -0.86 0.00	39.53 -0.93 0.00	39.08 -0.92 0.00	41.71 -0.98 0.00	38.10 -0.90 0.00	41.37 -1.15 0.00	45.88 -1.22 0.00	47.58 -1.17 0.00	51.34 -1.16 0.00	53.64 -1.26 0.00	56.27 -1.15 0.00	60.33 -1.17 0.00	63.09 -1.15 0.00	74.95 -1.14 0.00	81.86 -1.08 0.00	86.50 -0.96 0.00	79.82 -0.81 0.00	75.72 -1.08 0.00	66.59 -1.09 0.00	56.14 -0.97 0.00	52.90 -0.86 0.00

OUTOKUMPU-AB___DRP 24206	54.67 -1.12 0.00	47.37 -0.58 0.00	41.23 -0.93 0.00	40.00 -0.69 0.00	38.88 -1.58 0.00	38.48 -1.52 0.00	40.64 -2.05 0.00	37.39 -1.60 0.00	40.39 -2.13 0.00	45.03 -2.07 0.00	47.73 -1.02 0.00	51.81 -0.68 0.00	54.19 -0.71 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.41 -0.84 0.00	75.71 -0.38 0.00	82.11 -0.83 0.00	86.50 -0.96 0.00	81.51 0.89 0.00	76.03 -0.77 0.00	66.66 -1.02 0.00	56.71 -0.40 0.00	53.92 0.16 0.00
OXBOW___BTM 323836	54.05 -1.73 0.00	46.84 -1.10 0.00	40.81 -1.35 0.00	39.59 -1.10 0.00	38.44 -2.02 0.00	38.08 -1.92 0.00	40.30 -2.39 0.00	37.01 -1.99 0.00	40.05 -2.47 0.00	44.98 -2.12 0.00	47.19 -1.56 0.00	51.29 -1.21 0.00	53.58 -1.32 0.00	56.21 -1.21 0.00	60.58 -0.92 0.00	62.70 -1.54 0.00	74.95 -1.14 0.00	80.79 -2.16 0.00	86.24 -1.22 0.00	80.06 -0.56 0.00	75.34 -1.46 0.00	65.99 -1.69 0.00	56.08 -1.03 0.00	53.49 -0.27 0.00
OXBOW___ 24026	54.06 -1.73 0.00	46.84 -1.10 0.00	40.76 -1.39 0.00	39.71 -0.98 0.00	38.64 -1.82 0.00	38.04 -1.96 0.00	40.22 -2.48 0.00	37.00 -1.99 0.00	40.01 -2.51 0.00	44.51 -2.59 0.00	47.19 -1.56 0.00	51.24 -1.26 0.00	53.58 -1.32 0.00	56.22 -1.21 0.00	60.58 -0.92 0.00	62.70 -1.54 0.00	74.95 -1.14 0.00	80.95 -1.99 0.00	85.19 -2.27 0.00	80.22 -0.40 0.00	75.19 -1.61 0.00	65.98 -1.69 0.00	56.03 -1.09 0.00	53.33 -0.43 0.00
OXY_CHEM_DSASP 323612	53.16 -2.62 0.00	46.12 -1.82 0.00	40.17 -1.98 0.00	39.35 -1.34 0.00	38.24 -2.23 0.00	37.48 -2.52 0.00	39.66 -3.03 0.00	36.46 -2.53 0.00	39.42 -3.10 0.00	43.80 -3.30 0.00	46.46 -2.29 0.00	50.40 -2.10 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.54 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	80.12 -2.82 0.00	84.23 -3.24 0.00	79.33 -1.29 0.00	73.96 -2.84 0.00	64.90 -2.77 0.00	55.11 -2.00 0.00	52.52 -1.24 0.00
OZONE_PARK_ESR 323760	59.97 4.18 0.00	52.02 4.08 0.00	45.74 3.58 0.00	43.99 3.30 0.00	43.62 3.16 0.00	43.16 3.16 0.00	46.24 3.54 0.00	42.35 3.35 0.00	46.05 3.53 0.00	51.01 3.91 0.00	52.56 3.80 0.00	56.54 4.04 0.00	59.18 4.28 0.00	61.44 4.02 0.00	65.69 4.18 0.00	68.42 4.18 0.00	81.65 5.55 0.00	89.58 6.64 0.00	93.50 6.03 0.00	85.38 4.76 0.00	80.72 3.92 0.00	70.38 2.71 0.00	59.80 2.68 0.00	56.93 3.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	53.16 -2.62 0.00	46.12 -1.82 0.00	40.17 -1.98 0.00	39.35 -1.34 0.00	38.24 -2.23 0.00	37.48 -2.52 0.00	39.66 -3.03 0.00	36.46 -2.53 0.00	39.42 -3.10 0.00	43.80 -3.30 0.00	46.46 -2.29 0.00	50.40 -2.10 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.54 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	80.12 -2.82 0.00	84.23 -3.24 0.00	79.33 -1.29 0.00	73.96 -2.84 0.00	64.90 -2.77 0.00	55.11 -2.00 0.00	52.52 -1.24 0.00
PACKARD___115KV_DUPONT_184 80571	53.16 -2.62 0.00	46.12 -1.82 0.00	40.17 -1.98 0.00	39.35 -1.34 0.00	38.24 -2.23 0.00	37.48 -2.52 0.00	39.66 -3.03 0.00	36.46 -2.53 0.00	39.42 -3.10 0.00	43.80 -3.30 0.00	46.46 -2.29 0.00	50.40 -2.10 0.00	52.70 -2.20 0.00	55.24 -2.18 0.00	59.54 -1.97 0.00	61.74 -2.51 0.00	73.73 -2.36 0.00	80.12 -2.82 0.00	84.23 -3.24 0.00	79.33 -1.29 0.00	73.96 -2.84 0.00	64.90 -2.77 0.00	55.11 -2.00 0.00	52.52 -1.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	59.09 3.29 -0.02	51.64 3.69 -0.01	45.61 3.46 0.00	43.87 3.17 -0.01	43.46 2.99 -0.01	42.88 2.88 0.00	45.64 2.95 0.00	41.72 2.73 0.00	45.16 2.64 0.00	49.97 2.87 0.00	51.58 2.83 0.00	55.44 2.94 0.00	58.03 3.13 0.00	60.40 2.99 0.01	64.57 3.08 0.01	67.25 3.02 0.01	80.12 4.03 0.01	87.91 4.98 0.01	91.91 4.46 0.01	83.92 3.31 0.01	79.33 2.53 0.01	69.29 1.62 0.01	58.82 1.71 0.00	56.14 2.37 -0.02
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	59.93 4.13 -0.02	52.36 4.41 -0.01	46.29 4.13 0.00	44.52 3.82 -0.01	44.07 3.60 -0.01	43.52 3.52 0.00	46.32 3.63 0.00	42.31 3.31 0.00	45.79 3.27 0.00	50.68 3.58 0.00	52.31 3.56 0.00	56.17 3.67 0.00	58.91 4.01 0.00	61.26 3.85 0.01	65.49 4.00 0.01	68.22 3.98 0.01	81.41 5.33 0.01	89.41 6.47 0.01	93.49 6.03 0.01	85.37 4.76 0.01	80.71 3.92 0.01	70.44 2.77 0.01	59.85 2.74 0.00	57.11 3.33 -0.02
PATROON___115KV_TB1 80586	57.01 1.23 0.00	49.14 1.20 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.44 1.44 0.00	44.15 1.45 0.00	40.24 1.25 0.00	43.28 0.77 0.00	47.71 0.61 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.17 0.27 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.43 0.19 0.00	76.63 0.53 0.00	84.11 1.16 0.00	88.86 1.40 0.00	81.51 0.89 0.00	77.41 0.61 0.00	68.01 0.34 0.00	57.45 0.34 0.00	54.24 0.48 0.00
PATTRSNVILLE___SOLAR 323815	58.30 2.51 0.00	50.20 2.25 0.00	44.14 1.98 0.00	42.56 1.87 0.00	42.32 1.86 0.00	41.84 1.84 0.00	44.62 1.92 0.00	40.51 1.52 0.00	43.79 1.27 0.00	48.28 1.18 0.00	49.78 1.03 0.00	53.49 0.99 0.00	56.00 1.10 0.00	58.74 1.32 0.00	62.98 1.47 0.00	65.91 1.67 0.00	78.45 2.36 0.00	86.27 3.32 0.00	91.31 3.84 0.00	84.33 3.71 0.00	80.18 3.38 0.00	70.39 2.71 0.00	59.34 2.23 0.00	55.91 2.15 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	54.56 -1.23 0.00	47.27 -0.67 0.00	41.14 -1.01 0.00	39.67 -1.02 0.00	38.64 -1.82 0.00	38.36 -1.64 0.00	40.77 -1.92 0.00	37.51 -1.48 0.00	40.52 -2.00 0.00	45.22 -1.88 0.00	47.88 -0.88 0.00	51.97 -0.52 0.00	54.41 -0.49 0.00	57.13 -0.29 0.00	61.63 0.12 0.00	64.11 -0.13 0.00	76.55 0.46 0.00	83.36 0.41 0.00	87.81 0.35 0.00	82.64 2.02 0.00	76.95 0.15 0.00	67.40 -0.27 0.00	56.88 -0.23 0.00	53.97 0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	59.24 3.46 0.00	51.20 3.26 0.00	45.02 2.87 0.00	43.33 2.64 0.00	43.09 2.63 0.00	42.64 2.64 0.00	45.55 2.86 0.00	41.64 2.65 0.00	45.16 2.64 0.00	50.07 2.97 0.00	51.73 2.97 0.00	55.70 3.20 0.00	58.25 3.35 0.00	60.70 3.27 0.00	64.95 3.44 0.00	67.84 3.60 0.00	80.81 4.72 0.00	88.83 5.89 0.00	93.23 5.77 0.00	85.22 4.60 0.00	80.64 3.84 0.00	70.45 2.77 0.00	59.51 2.40 0.00	56.39 2.63 0.00
PEEKSKILL___ 23653	58.74 2.95 0.00	50.87 2.92 0.00	44.77 2.61 0.00	43.05 2.36 0.00	42.77 2.31 0.00	42.32 2.32 0.00	45.30 2.60 0.00	41.45 2.46 0.00	44.98 2.47 0.00	49.79 2.68 0.00	51.38 2.63 0.00	55.22 2.73 0.00	57.86 2.96 0.00	60.18 2.76 0.00	64.33 2.83 0.00	67.14 2.89 0.00	80.05 3.95 0.00	87.84 4.89 0.00	91.75 4.28 0.00	84.01 3.39 0.00	79.56 2.76 0.00	69.43 1.76 0.00	58.82 1.71 0.00	55.85 2.09 0.00
PGE MADISON___WINDPWR 24146	60.52 4.74 0.00	52.11 4.17 0.00	45.70 3.54 0.00	44.03 3.34 0.00	43.74 3.28 0.00	43.36 3.36 0.00	46.24 3.54 0.00	41.95 2.96 0.00	45.24 2.72 0.00	49.93 2.83 0.00	51.63 2.88 0.00	55.91 3.41 0.00	58.47 3.57 0.00	61.67 4.25 0.00	66.24 4.74 0.00	69.32 5.07 0.00	83.55 7.46 0.00	91.57 8.63 0.00	98.13 10.67 0.00	90.94 10.32 0.00	85.78 8.98 0.00	74.92 7.24 0.00	62.88 5.77 0.00	59.08 5.32 0.00

PIERCEFIELD___HYD 23852	55.73 -0.06 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.67 0.57 0.00	49.34 0.59 0.00	52.92 0.42 0.00	55.45 0.55 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.17 0.08 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.78 0.16 0.00	77.80 1.00 0.00	68.76 1.08 0.00	58.08 0.97 0.00	54.19 0.43 0.00
PINELAWN_CC_1 323563	60.82 5.02 -0.01	52.65 4.70 -0.01	46.30 4.13 -0.01	44.48 3.78 -0.01	44.03 3.56 -0.01	43.52 3.52 0.00	46.03 3.33 0.00	42.35 3.35 0.00	46.88 3.78 -0.58	51.76 4.19 -0.47	55.69 4.24 -2.70	59.20 4.15 -2.55	59.19 4.29 0.00	60.35 2.93 0.00	63.80 2.40 0.10	66.55 2.31 0.00	78.82 2.74 0.01	86.64 3.98 0.28	90.61 3.14 0.00	82.38 1.77 0.01	72.48 1.30 5.63	62.90 0.48 5.25	58.31 1.20 0.00	56.82 3.06 0.00
PJM_GEN_HTTP_PROXY 323702	59.24 3.46 0.00	51.40 3.45 0.00	45.19 3.04 0.00	43.46 2.77 0.00	43.13 2.67 0.00	42.68 2.68 0.00	44.05 2.99 1.63	43.51 2.89 -1.63	45.49 2.98 0.00	50.35 3.25 0.00	51.97 3.22 0.00	55.81 3.31 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.95 3.44 0.00	67.64 3.40 0.00	80.81 4.72 0.00	88.59 5.64 0.00	92.27 4.81 0.00	84.33 3.71 0.00	79.79 2.99 0.00	71.91 1.89 -2.34	59.93 2.00 -0.82	53.02 2.42 3.16
PJM_GEN_KEystone 24065	56.07 0.67 0.39	48.90 0.96 0.00	42.83 0.67 0.00	41.34 0.65 0.00	40.75 0.29 0.00	40.36 0.36 0.00	41.53 0.47 1.63	41.09 0.47 -1.63	42.73 0.21 0.00	47.52 0.42 0.01	49.37 0.63 0.11	53.22 0.84 0.01	55.82 0.93 0.01	58.31 0.92 0.03	61.97 1.04 0.58	64.43 0.97 0.77	77.19 1.67 0.58	84.00 2.07 1.02	88.06 2.01 1.41	80.74 1.86 1.74	76.50 0.92 1.22	69.20 0.27 -1.25	57.90 0.34 -0.44	51.37 0.86 3.24
PJM_GEN_NEPTUNE_PROXY 323594	59.86 4.07 -0.01	51.83 3.88 -0.01	45.62 3.46 -0.01	43.87 3.18 -0.01	43.51 3.04 -0.01	43.04 3.04 0.00	43.97 2.90 1.63	43.55 2.93 -1.63	45.88 3.27 -0.08	50.76 3.58 -0.08	52.71 3.51 -0.44	56.42 3.52 -0.40	58.58 3.68 0.00	60.29 2.87 0.00	64.02 2.52 0.00	66.81 2.57 0.00	79.21 3.12 0.00	86.76 4.23 0.41	90.96 3.50 0.00	82.78 2.18 0.02	71.42 1.46 6.84	64.24 0.61 4.04	59.01 1.08 -0.82	53.02 2.42 3.16
PJM_GEN_VFT_PROXY 323633	53.39 3.12 5.52	51.15 3.21 0.00	45.02 2.87 0.00	43.30 2.61 0.00	42.97 2.51 0.00	42.56 2.56 0.00	43.92 2.86 1.63	43.43 2.81 -1.63	45.37 2.85 0.00	50.21 3.11 0.00	51.57 2.97 0.16	53.82 2.94 1.61	57.88 3.18 0.20	59.90 2.87 0.40	56.15 2.95 8.31	56.09 2.89 11.05	71.88 4.03 8.24	73.29 4.89 14.55	71.42 4.11 20.15	58.95 3.14 24.81	61.79 2.46 17.47	55.85 1.35 13.17	54.14 1.60 4.57	51.53 2.09 4.32
PLATSBURG_115KV_PMLD1 355749	55.90 0.11 0.00	48.04 0.10 0.00	42.24 0.08 0.00	40.77 0.08 0.00	40.58 0.12 0.00	40.08 0.08 0.00	42.82 0.13 0.00	39.15 0.16 0.00	43.07 0.55 0.00	47.90 0.80 0.00	49.58 0.83 0.00	53.18 0.68 0.00	55.72 0.82 0.00	57.77 0.34 0.00	61.81 0.31 0.00	64.56 0.32 0.00	76.25 0.15 0.00	82.45 -0.50 0.00	87.02 -0.44 0.00	80.38 -0.24 0.00	77.18 0.38 0.00	68.15 0.47 0.00	57.62 0.51 0.00	54.51 0.75 0.00
PLEASANTVLY___LBMP 24000	58.24 2.45 0.00	50.34 2.40 0.00	44.35 2.19 0.00	42.68 1.99 0.00	42.44 1.98 0.00	41.96 1.96 0.00	44.87 2.18 0.00	41.02 2.03 0.00	44.47 1.96 0.00	49.22 2.12 0.00	50.75 2.00 0.00	54.60 2.10 0.00	57.10 2.20 0.00	59.49 2.07 0.00	63.59 2.09 0.00	66.36 2.12 0.00	79.06 2.97 0.00	86.76 3.82 0.00	90.96 4.11 0.00	83.20 2.58 0.00	78.80 2.00 0.00	68.96 1.29 0.00	58.42 1.31 0.00	55.37 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	58.74 2.96 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.05 2.36 0.00	42.77 2.31 0.00	42.28 2.28 0.00	45.26 2.56 0.00	41.37 2.38 0.00	44.90 2.38 0.00	49.74 2.64 0.00	51.29 2.54 0.00	55.17 2.68 0.00	57.76 2.85 0.00	60.12 2.70 0.00	64.27 2.77 0.00	67.07 2.83 0.00	79.90 3.80 0.00	87.67 4.73 0.00	91.84 4.37 0.00	83.93 3.31 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.88 1.77 0.00	55.80 2.04 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	58.74 2.96 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.05 2.36 0.00	42.77 2.31 0.00	42.28 2.28 0.00	45.26 2.56 0.00	41.37 2.38 0.00	44.90 2.38 0.00	49.74 2.64 0.00	51.29 2.54 0.00	55.17 2.68 0.00	57.76 2.85 0.00	60.12 2.70 0.00	64.27 2.77 0.00	67.07 2.83 0.00	79.90 3.80 0.00	87.67 4.73 0.00	91.84 4.37 0.00	83.93 3.31 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.88 1.77 0.00	55.80 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	58.85 3.07 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.05 2.36 0.00	42.81 2.35 0.00	42.24 2.24 0.00	45.17 2.48 0.00	41.25 2.26 0.00	44.73 2.21 0.00	49.50 2.40 0.00	51.09 2.34 0.00	54.96 2.47 0.00	57.54 2.64 0.00	60.12 2.70 0.00	64.33 2.83 0.00	67.20 2.96 0.00	80.20 4.11 0.00	88.00 5.06 0.00	92.45 4.99 0.00	84.49 3.87 0.00	79.95 3.15 0.00	69.98 2.30 0.00	59.17 2.06 0.00	56.02 2.26 0.00
POLETTI_____ 23519	59.19 3.40 0.00	51.39 3.45 0.00	45.23 3.08 0.00	43.50 2.81 0.00	43.13 2.67 0.00	42.68 2.68 0.00	45.68 2.99 0.00	41.88 2.89 0.00	45.50 2.98 0.00	50.40 3.30 0.00	51.92 3.17 0.00	55.80 3.31 0.00	58.41 3.51 0.00	60.64 3.22 0.00	64.76 3.26 0.00	67.52 3.28 0.00	80.51 4.41 0.00	88.25 5.31 0.00	92.18 4.72 0.00	84.17 3.55 0.00	79.56 2.76 0.00	69.43 1.76 0.00	59.00 1.88 0.00	56.18 2.42 0.00
POMONA___ESR 323819	58.74 2.95 0.00	50.82 2.88 0.00	44.73 2.57 0.00	43.01 2.32 0.00	42.73 2.26 0.00	42.24 2.24 0.00	45.26 2.56 0.00	41.41 2.42 0.00	44.90 2.38 0.00	49.69 2.59 0.00	51.34 2.58 0.00	55.22 2.73 0.00	57.81 2.91 0.00	60.23 2.81 0.00	64.46 2.95 0.00	67.26 3.02 0.00	80.20 4.11 0.00	87.92 4.98 0.00	91.83 4.37 0.00	84.09 3.46 0.00	79.64 2.84 0.00	69.50 1.83 0.00	58.88 1.77 0.00	55.85 2.09 0.00
PORT_JEFF_3 23555	60.82 5.02 -0.01	52.65 4.70 -0.01	46.25 4.09 -0.01	44.40 3.70 -0.01	43.95 3.48 -0.01	43.44 3.44 0.00	45.85 3.16 0.00	42.19 3.20 0.00	46.49 3.70 -0.28	51.53 4.19 -0.23	54.35 4.24 -1.36	57.82 4.04 -1.28	59.13 4.23 0.00	60.75 3.33 0.00	63.87 2.58 0.21	66.88 2.63 0.00	78.82 2.74 0.01	86.59 3.98 0.33	90.70 3.24 0.00	82.22 1.61 0.02	71.45 1.00 6.35	62.23 0.48 5.92	58.59 1.48 0.00	56.60 2.85 0.00
PORT_JEFF_4 23616	60.82 5.02 -0.01	52.65 4.70 -0.01	46.25 4.09 -0.01	44.40 3.70 -0.01	43.95 3.48 -0.01	43.44 3.44 0.00	45.85 3.16 0.00	42.19 3.20 0.00	46.49 3.70 -0.28	51.53 4.19 -0.23	54.35 4.24 -1.36	57.82 4.04 -1.28	59.13 4.23 0.00	60.75 3.33 0.00	63.87 2.58 0.21	66.88 2.63 0.00	78.82 2.74 0.01	86.59 3.98 0.33	90.70 3.24 0.00	82.22 1.61 0.02	71.45 1.00 6.35	62.23 0.48 5.92	58.59 1.48 0.00	56.60 2.85 0.00

PORT_JEFF_IC 23713	60.92 5.13 0.00	52.74 4.79 0.00	46.33 4.17 0.00	44.51 3.82 0.00	44.06 3.60 0.00	43.48 3.48 0.00	46.02 3.33 0.00	42.23 3.24 0.00	46.59 3.78 -0.29	51.68 4.33 -0.24	54.54 4.39 -1.40	58.07 4.25 -1.32	58.91 4.01 0.00	60.92 3.50 0.00	64.12 2.89 0.28	67.20 2.96 0.00	78.59 2.51 0.01	86.35 3.73 0.33	90.52 3.06 0.00	82.06 1.45 0.02	71.70 1.23 6.33	62.45 0.68 5.90	59.45 2.34 0.00	56.88 3.12 0.00
PPL PILGRIM_ST_GT1 24216	61.32 5.52 -0.01	53.03 5.08 -0.01	46.63 4.47 -0.01	44.77 4.07 -0.01	44.32 3.85 -0.01	43.80 3.80 0.00	46.28 3.59 0.00	42.58 3.59 0.00	46.93 4.08 -0.33	51.94 4.57 -0.27	54.97 4.63 -1.58	58.50 4.52 -1.49	59.51 4.61 0.00	61.10 3.68 0.00	64.44 3.20 0.26	67.58 3.34 0.00	79.96 3.88 0.01	87.85 5.23 0.32	92.01 4.55 0.00	83.50 2.90 0.02	72.64 2.07 6.23	63.01 1.15 5.81	59.05 1.94 0.00	57.09 3.33 0.00
PPL PILGRIM_ST_GT2 24217	61.32 5.52 -0.01	53.03 5.08 -0.01	46.63 4.47 -0.01	44.77 4.07 -0.01	44.32 3.85 -0.01	43.80 3.80 0.00	46.28 3.59 0.00	42.58 3.59 0.00	46.93 4.08 -0.33	51.94 4.57 -0.27	54.97 4.63 -1.58	58.50 4.52 -1.49	59.51 4.61 0.00	61.10 3.68 0.00	64.44 3.20 0.26	67.58 3.34 0.00	79.96 3.88 0.01	87.85 5.23 0.32	92.01 4.55 0.00	83.50 2.90 0.02	72.64 2.07 6.23	63.01 1.15 5.81	59.05 1.94 0.00	57.09 3.33 0.00
PPL_SHRM_GT3 24213	60.42 4.63 -0.01	52.27 4.32 -0.01	45.91 3.75 -0.01	44.04 3.34 -0.01	43.59 3.12 -0.01	43.04 3.04 0.00	45.39 2.69 0.00	41.76 2.77 0.00	46.08 3.27 -0.28	51.11 3.77 -0.24	53.98 3.85 -1.38	57.47 3.67 -1.30	58.80 3.90 0.00	60.46 3.04 0.00	63.80 2.52 0.23	66.94 2.70 0.00	79.13 3.05 0.01	87.01 4.39 0.33	91.13 3.67 0.00	82.54 1.93 0.02	71.46 1.00 6.34	62.03 0.27 5.91	58.31 1.20 0.00	56.23 2.47 0.00
PPL_SHRM_GT4 24214	60.42 4.63 -0.01	52.27 4.32 -0.01	45.91 3.75 -0.01	44.04 3.34 -0.01	43.59 3.12 -0.01	43.04 3.04 0.00	45.39 2.69 0.00	41.76 2.77 0.00	46.08 3.27 -0.28	51.11 3.77 -0.24	53.98 3.85 -1.38	57.47 3.67 -1.30	58.80 3.90 0.00	60.46 3.04 0.00	63.80 2.52 0.23	66.94 2.70 0.00	79.13 3.05 0.01	87.01 4.39 0.33	91.13 3.67 0.00	82.54 1.93 0.02	71.46 1.00 6.34	62.03 0.27 5.91	58.31 1.20 0.00	56.23 2.47 0.00
PROJECT___ORANGE 1 24174	55.39 -0.39 0.00	47.70 -0.24 0.00	41.86 -0.30 0.00	40.36 -0.33 0.00	40.02 -0.45 0.00	39.56 -0.44 0.00	42.27 -0.43 0.00	38.60 -0.39 0.00	41.88 -0.64 0.00	46.40 -0.71 0.00	48.27 -0.49 0.00	52.08 -0.42 0.00	54.46 -0.44 0.00	57.19 -0.23 0.00	61.38 -0.12 0.00	64.18 -0.06 0.00	76.32 0.23 0.00	83.44 0.50 0.00	88.07 0.61 0.00	81.43 0.81 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.05 -0.06 0.00	53.76 0.00 0.00
PROJECT___ORANGE 2 24166	55.39 -0.39 0.00	47.70 -0.24 0.00	41.86 -0.30 0.00	40.36 -0.33 0.00	40.02 -0.45 0.00	39.56 -0.44 0.00	42.27 -0.43 0.00	38.60 -0.39 0.00	41.88 -0.64 0.00	46.40 -0.71 0.00	48.27 -0.49 0.00	52.08 -0.42 0.00	54.46 -0.44 0.00	57.19 -0.23 0.00	61.38 -0.12 0.00	64.18 -0.06 0.00	76.32 0.23 0.00	83.44 0.50 0.00	88.07 0.61 0.00	81.43 0.81 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.05 -0.06 0.00	53.76 0.00 0.00
PUCKETT___SOLAR 323809	57.23 1.45 0.00	49.33 1.39 0.00	43.25 1.09 0.00	41.71 1.02 0.00	41.35 0.89 0.00	40.92 0.92 0.00	43.72 1.02 0.00	39.77 0.78 0.00	42.99 0.47 0.00	47.57 0.47 0.00	49.34 0.59 0.00	53.28 0.79 0.00	55.67 0.77 0.00	58.46 1.03 0.00	62.80 1.29 0.00	65.72 1.48 0.00	78.45 2.36 0.00	86.01 3.07 0.00	91.31 3.84 0.00	84.49 3.87 0.00	79.87 3.08 0.00	70.04 2.37 0.00	58.94 1.83 0.00	55.69 1.93 0.00
PYRITES___HYD 24023	56.73 0.95 0.00	48.42 0.48 0.00	42.58 0.42 0.00	41.02 0.33 0.00	41.03 0.57 0.00	40.56 0.56 0.00	43.16 0.47 0.00	39.27 0.27 0.00	43.28 0.77 0.00	48.00 0.89 0.00	49.63 0.88 0.00	53.18 0.68 0.00	55.78 0.88 0.00	58.28 0.86 0.00	62.30 0.80 0.00	64.88 0.64 0.00	76.78 0.68 0.00	83.03 0.08 0.00	88.51 1.05 0.00	82.31 1.69 0.00	79.41 2.61 0.00	70.25 2.57 0.00	59.28 2.17 0.00	55.26 1.51 0.00
QUAKERRD_115KV_BK1 80622	54.33 -1.45 0.00	46.84 -1.10 0.00	40.93 -1.22 0.00	39.55 -1.14 0.00	38.88 -1.58 0.00	38.44 -1.56 0.00	40.90 -1.79 0.00	37.51 -1.48 0.00	40.65 -1.87 0.00	45.17 -1.93 0.00	47.53 -1.22 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.62 -0.80 0.00	60.95 -0.55 0.00	63.47 -0.77 0.00	75.71 -0.38 0.00	82.61 -0.33 0.00	87.11 -0.35 0.00	81.19 0.56 0.00	76.19 -0.61 0.00	67.00 -0.68 0.00	56.48 -0.63 0.00	53.33 -0.43 0.00
QUENSBRY_115KV_TB8 356137	59.19 3.40 0.00	50.87 2.92 0.00	44.77 2.61 0.00	43.13 2.44 0.00	42.85 2.39 0.00	42.36 2.36 0.00	45.13 2.43 0.00	41.14 2.14 0.00	44.47 1.96 0.00	48.99 1.88 0.00	50.07 1.32 0.00	53.76 1.26 0.00	56.16 1.26 0.00	58.97 1.55 0.00	63.10 1.60 0.00	66.36 2.12 0.00	78.98 2.89 0.00	87.26 4.31 0.00	93.23 5.77 0.00	85.94 5.32 0.00	82.02 5.22 0.00	71.87 4.20 0.00	60.42 3.31 0.00	56.77 3.01 0.00
RAMAPO___LBMP 323565	58.46 2.68 0.00	50.58 2.64 0.00	44.52 2.36 0.00	42.85 2.16 0.00	42.57 2.10 0.00	42.08 2.08 0.00	45.08 2.39 0.00	41.25 2.26 0.00	44.73 2.21 0.00	49.55 2.45 0.00	51.14 2.39 0.00	55.02 2.52 0.00	57.59 2.69 0.00	59.95 2.53 0.00	64.15 2.64 0.00	66.88 2.63 0.00	79.67 3.58 0.00	87.42 4.48 0.00	91.49 4.02 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.64 1.88 0.00
RANKINE____ 23646	54.95 -0.84 0.00	47.65 -0.29 0.00	41.48 -0.67 0.00	40.04 -0.65 0.00	39.01 -1.46 0.00	38.68 -1.32 0.00	40.99 -1.71 0.00	37.71 -1.29 0.00	40.73 -1.79 0.00	45.36 -1.74 0.00	48.07 -0.68 0.00	52.13 -0.37 0.00	54.57 -0.33 0.00	57.31 -0.11 0.00	61.75 0.25 0.00	64.18 -0.06 0.00	76.63 0.53 0.00	83.44 0.50 0.00	87.90 0.44 0.00	82.72 2.10 0.00	77.03 0.23 0.00	67.54 -0.14 0.00	57.17 0.06 0.00	54.30 0.54 0.00
RAVENSWOOD_GT2_1 24244	59.24 3.46 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT2_2 24245	59.24 3.46 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.72 2.72 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.28 2.53 0.00

RAVENSWOOD_GT2_3 24246	59.30 3.51 0.00	51.44 3.50 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.96 2.96 0.00	45.58 3.06 0.00	50.49 3.39 0.00	52.02 3.27 0.00	55.91 3.41 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.95 3.44 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.50 5.56 0.00	92.45 4.99 0.00	84.41 3.79 0.00	79.79 3.00 0.00	69.64 1.96 0.00	59.17 2.06 0.00	56.28 2.53 0.00
RAVENSWOOD_GT2_4 24247	59.30 3.51 0.00	51.44 3.50 0.00	45.32 3.16 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.96 2.96 0.00	45.58 3.06 0.00	50.49 3.39 0.00	52.02 3.27 0.00	55.91 3.41 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.95 3.44 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.50 5.56 0.00	92.45 4.99 0.00	84.41 3.79 0.00	79.79 3.00 0.00	69.64 1.96 0.00	59.17 2.06 0.00	56.28 2.53 0.00
RAVENSWOOD_GT3_1 24248	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT3_2 24249	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT3_3 24250	59.35 3.57 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.25 2.79 0.00	42.80 2.80 0.00	45.81 3.12 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.54 3.44 0.00	52.07 3.32 0.00	55.96 3.46 0.00	58.58 3.68 0.00	60.81 3.39 0.00	65.01 3.51 0.00	67.71 3.47 0.00	80.73 4.64 0.00	88.58 5.64 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
RAVENSWOOD_GT3_4 24251	59.35 3.57 0.00	51.54 3.60 0.00	45.36 3.20 0.00	43.62 2.93 0.00	43.25 2.79 0.00	42.80 2.80 0.00	45.81 3.12 0.00	42.00 3.00 0.00	45.62 3.10 0.00	50.54 3.44 0.00	52.07 3.32 0.00	55.96 3.46 0.00	58.58 3.68 0.00	60.81 3.39 0.00	65.01 3.51 0.00	67.71 3.47 0.00	80.73 4.64 0.00	88.58 5.64 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.87 3.07 0.00	69.71 2.03 0.00	59.22 2.11 0.00	56.39 2.63 0.00
RAVENSWOOD_GT_1 23729	59.02 3.24 0.00	51.54 3.60 0.00	45.53 3.37 0.00	43.74 3.05 0.00	43.33 2.87 0.00	42.84 2.84 0.00	45.72 3.03 0.00	41.84 2.85 0.00	45.41 2.89 0.00	50.26 3.16 0.00	51.82 3.07 0.00	55.59 3.10 0.00	58.19 3.29 0.00	59.87 2.99 0.53	60.21 3.08 4.37	59.34 3.02 7.92	63.14 4.11 17.06	63.32 5.06 24.68	61.96 4.46 29.96	59.36 3.31 24.57	60.05 2.53 19.29	60.91 1.56 8.32	58.82 1.71 0.00	56.02 2.26 0.00
RAVENSWOOD_GT_10 24258	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.49 3.39 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.89 3.38 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_11 24259	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.49 3.39 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.89 3.38 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_4 24252	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_5 24254	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_6 24253	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_7 24255	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.45 3.34 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.70 3.27 0.00	64.89 3.38 0.00	67.58 3.34 0.00	80.58 4.49 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.49 3.39 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.89 3.38 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00
RAVENSWOOD_GT_9 24257	59.30 3.51 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.17 2.71 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.49 3.39 0.00	51.97 3.22 0.00	55.86 3.36 0.00	58.47 3.57 0.00	60.75 3.33 0.00	64.89 3.38 0.00	67.65 3.40 0.00	80.66 4.57 0.00	88.42 5.47 0.00	92.36 4.90 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.64 1.96 0.00	59.11 2.00 0.00	56.28 2.53 0.00

RAVENSWOOD___1 23533	58.95 3.18 0.01	51.49 3.55 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.80 2.80 0.00	45.68 2.99 0.00	41.84 2.84 0.00	45.37 2.85 0.00	50.12 3.02 0.00	51.78 3.02 0.00	55.48 2.99 0.01	58.08 3.18 0.01	59.71 2.93 0.64	59.28 3.01 5.24	59.28 2.96 7.92	60.24 4.11 19.96	61.16 4.98 26.76	59.71 4.20 31.95	59.28 3.23 24.57	59.28 2.53 20.05	59.19 1.49 9.98	58.76 1.66 0.01	55.90 2.15 0.01
RAVENSWOOD___2 23534	58.79 3.01 0.01	51.40 3.45 0.00	45.41 3.25 -0.01	43.62 2.93 0.00	43.21 2.75 0.00	42.72 2.72 0.00	45.55 2.86 0.00	41.72 2.73 0.00	45.24 2.72 0.00	49.98 2.87 0.00	51.63 2.88 0.00	55.37 2.89 0.01	57.80 2.91 0.01	59.30 2.52 0.64	58.83 2.58 5.26	58.76 2.44 7.92	59.56 3.50 20.04	60.52 4.39 26.82	59.05 3.59 32.00	58.71 2.66 24.57	58.72 1.99 20.07	58.67 1.02 10.02	58.53 1.43 0.01	55.79 2.04 0.01
RAVENSWOOD___3 23535	59.30 3.52 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.50 2.81 0.00	43.17 2.71 0.00	42.76 2.76 0.00	45.73 3.03 0.00	41.92 2.93 0.00	45.54 3.02 0.00	50.40 3.30 0.00	51.97 3.22 0.00	55.81 3.31 0.00	58.47 3.57 0.00	60.69 3.27 0.00	64.88 3.38 0.00	67.64 3.40 0.00	80.74 4.64 0.00	88.50 5.56 0.00	92.27 4.81 0.00	84.41 3.79 0.00	79.87 3.08 0.00	69.57 1.89 0.00	59.11 2.00 0.00	56.23 2.47 0.00
RAVENSWOOD___4 23820	58.84 3.07 0.01	51.44 3.50 0.00	45.49 3.33 -0.01	43.70 3.01 0.00	43.29 2.83 0.00	42.76 2.76 0.00	45.64 2.94 0.00	41.80 2.81 0.00	45.32 2.81 0.00	50.02 2.92 0.00	51.73 2.97 0.00	55.43 2.94 0.01	57.96 3.07 0.01	59.55 2.87 0.75	58.28 2.89 6.12	59.15 2.82 7.92	57.14 3.95 22.91	58.96 4.89 28.87	57.60 4.11 33.97	59.19 3.14 24.57	58.43 2.46 20.83	57.44 1.42 11.65	58.65 1.54 0.01	55.84 2.09 0.01
RCPL_TRUST___DRP 24196	59.35 3.57 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.81 3.12 0.00	41.96 2.96 0.00	45.62 3.10 0.00	50.54 3.44 0.00	52.07 3.32 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.81 4.72 0.00	88.67 5.72 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.79 3.00 0.00	69.71 2.03 0.00	59.17 2.06 0.00	56.34 2.58 0.00
RED___ROCHESTER 323720	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.65 -0.04 0.00	39.86 -0.61 0.00	39.40 -0.60 0.00	41.84 -0.85 0.00	38.41 -0.58 0.00	41.58 -0.94 0.00	46.54 -0.56 0.00	48.90 0.15 0.00	53.13 0.63 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.47 0.00	65.53 1.28 0.00	78.15 2.06 0.00	85.02 2.07 0.00	90.34 2.88 0.00	83.76 3.14 0.00	78.64 1.84 0.00	69.16 1.49 0.00	58.31 1.20 0.00	55.15 1.40 0.00
REGAN___SOLAR 323812	60.75 4.96 0.00	52.26 4.32 0.00	45.91 3.75 0.00	44.19 3.50 0.00	43.90 3.44 0.00	43.36 3.36 0.00	46.24 3.54 0.00	41.92 2.93 0.00	45.20 2.68 0.00	49.79 2.68 0.00	51.34 2.58 0.00	55.12 2.62 0.00	57.70 2.80 0.00	60.69 3.27 0.00	65.13 3.63 0.00	68.29 4.05 0.00	81.50 5.40 0.00	89.99 7.05 0.00	95.60 8.14 0.00	88.53 7.91 0.00	84.33 7.53 0.00	73.90 6.22 0.00	62.14 5.03 0.00	58.43 4.67 0.00
RENSSELAER___COGEN 23796	56.62 0.84 0.00	48.85 0.91 0.00	43.21 1.05 0.00	41.87 1.18 0.00	41.72 1.26 0.00	41.20 1.20 0.00	43.93 1.24 0.00	40.05 1.05 0.00	42.99 0.47 0.00	47.34 0.24 0.00	48.85 0.10 0.00	52.50 0.00 0.00	54.79 -0.11 0.00	57.08 -0.34 0.00	60.95 -0.55 0.00	63.80 -0.45 0.00	75.94 -0.15 0.00	83.28 0.33 0.00	87.73 0.26 0.00	80.70 0.08 0.00	76.65 -0.15 0.00	67.34 -0.34 0.00	56.88 -0.23 0.00	53.70 -0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	62.31 6.53 0.00	53.55 5.61 0.00	47.05 4.89 0.00	45.12 4.44 0.00	44.79 4.33 0.00	44.28 4.28 0.00	47.18 4.48 0.00	42.89 3.90 0.00	46.35 3.83 0.00	51.06 3.96 0.00	52.21 3.46 0.00	55.96 3.46 0.00	58.41 3.51 0.00	61.56 4.13 0.00	65.87 4.37 0.00	69.45 5.20 0.00	82.87 6.77 0.00	91.99 9.04 0.00	98.66 11.20 0.00	91.34 10.72 0.00	87.17 10.37 0.00	76.27 8.59 0.00	63.96 6.85 0.00	59.94 6.18 0.00
REVERE_CPPR_DRP 24186	58.07 2.29 0.00	49.91 1.97 0.00	43.72 1.56 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.48 1.48 0.00	44.15 1.45 0.00	40.16 1.17 0.00	43.62 1.11 0.00	48.23 1.13 0.00	49.97 1.22 0.00	53.91 1.42 0.00	56.38 1.48 0.00	59.32 1.89 0.00	63.59 2.09 0.00	66.43 2.18 0.00	79.37 3.27 0.00	86.68 3.73 0.00	92.18 4.72 0.00	85.30 4.68 0.00	80.87 4.07 0.00	70.99 3.32 0.00	59.68 2.57 0.00	56.02 2.26 0.00
REYNLDPA_13_KV_LD 356490	55.73 -0.06 0.00	47.65 -0.29 0.00	41.95 -0.21 0.00	40.45 -0.24 0.00	40.30 -0.16 0.00	39.80 -0.20 0.00	42.48 -0.21 0.00	38.88 -0.12 0.00	42.82 0.30 0.00	47.57 0.47 0.00	49.19 0.44 0.00	52.81 0.31 0.00	55.34 0.44 0.00	57.77 0.34 0.00	61.75 0.25 0.00	64.50 0.26 0.00	76.09 0.00 0.00	82.20 -0.75 0.00	86.76 -0.70 0.00	80.14 -0.48 0.00	77.11 0.31 0.00	68.22 0.54 0.00	57.57 0.46 0.00	53.92 0.16 0.00
REYNOLDS_115KV_TB3 80639	57.01 1.23 0.00	49.19 1.25 0.00	43.46 1.31 0.00	42.07 1.38 0.00	41.88 1.42 0.00	41.40 1.40 0.00	44.10 1.41 0.00	40.24 1.25 0.00	43.33 0.81 0.00	47.76 0.66 0.00	49.14 0.39 0.00	52.86 0.37 0.00	55.17 0.27 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.43 0.19 0.00	76.63 0.53 0.00	84.19 1.24 0.00	88.86 1.40 0.00	81.51 0.89 0.00	77.41 0.61 0.00	68.01 0.34 0.00	57.45 0.34 0.00	54.24 0.48 0.00
RIVERBAY____ 323610	59.93 4.13 -0.02	52.36 4.41 -0.01	46.29 4.13 0.00	44.52 3.82 -0.01	44.07 3.60 -0.01	43.52 3.52 0.00	46.32 3.63 0.00	42.31 3.31 0.00	45.79 3.27 0.00	50.68 3.58 0.00	52.31 3.56 0.00	56.17 3.67 0.00	58.91 4.01 0.00	61.26 3.85 0.01	65.49 4.00 0.01	68.22 3.98 0.01	81.41 5.33 0.01	89.41 6.47 0.01	93.49 6.03 0.01	85.37 4.76 0.01	80.71 3.92 0.01	70.44 2.77 0.01	59.85 2.74 0.00	57.11 3.33 -0.02
RIVERSDE_115KV_TB3 55908	56.90 1.12 0.00	49.09 1.15 0.00	43.38 1.22 0.00	42.03 1.34 0.00	41.84 1.38 0.00	41.36 1.36 0.00	44.06 1.37 0.00	40.20 1.21 0.00	43.24 0.72 0.00	47.67 0.57 0.00	49.09 0.34 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.48 0.06 0.00	61.44 -0.06 0.00	64.31 0.06 0.00	76.47 0.38 0.00	83.94 1.00 0.00	88.60 1.14 0.00	81.35 0.73 0.00	77.18 0.38 0.00	67.88 0.20 0.00	57.34 0.23 0.00	54.13 0.38 0.00
ROARING___BROOK_WT_PWR 323790	55.67 -0.11 0.00	47.80 -0.14 0.00	42.07 -0.08 0.00	40.61 -0.08 0.00	40.38 -0.08 0.00	39.92 -0.08 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.52 0.00 0.00	47.10 0.00 0.00	48.75 0.00 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.11 -0.13 0.00	75.87 -0.23 0.00	82.61 -0.33 0.00	87.11 -0.35 0.00	80.30 -0.32 0.00	76.42 -0.38 0.00	67.27 -0.40 0.00	56.71 -0.40 0.00	53.27 -0.48 0.00

ROCHESRG_115KV_T4 355643	55.17 -0.61 0.00	47.61 -0.34 0.00	41.57 -0.59 0.00	40.16 -0.53 0.00	39.41 -1.05 0.00	39.00 -1.00 0.00	41.41 -1.28 0.00	38.02 -0.97 0.00	41.16 -1.36 0.00	45.74 -1.37 0.00	48.22 -0.54 0.00	52.29 -0.21 0.00	54.68 -0.22 0.00	57.42 0.00 0.00	61.87 0.37 0.00	64.37 0.13 0.00	76.78 0.68 0.00	83.77 0.83 0.00	88.25 0.79 0.00	82.48 1.85 0.00	77.26 0.46 0.00	67.95 0.27 0.00	57.34 0.23 0.00	54.24 0.48 0.00
ROCHESTER_9_IC 23652	55.51 -0.28 0.00	47.89 -0.05 0.00	41.78 -0.38 0.00	40.36 -0.33 0.00	39.61 -0.85 0.00	39.16 -0.84 0.00	41.63 -1.07 0.00	38.21 -0.78 0.00	41.37 -1.15 0.00	46.02 -1.08 0.00	48.56 -0.20 0.00	52.71 0.21 0.00	55.12 0.22 0.00	57.94 0.52 0.00	62.43 0.92 0.00	64.95 0.71 0.00	77.46 1.37 0.00	84.44 1.49 0.00	89.04 1.57 0.00	83.20 2.58 0.00	77.95 1.15 0.00	68.56 0.88 0.00	57.80 0.69 0.00	54.67 0.91 0.00
ROCKVIEW_13_KV_LD 356306	59.41 3.63 0.00	51.49 3.55 0.00	45.28 3.12 0.00	43.54 2.85 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.77 3.07 0.00	41.92 2.92 0.00	45.54 3.02 0.00	50.49 3.39 0.00	52.07 3.32 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.92 3.50 0.00	65.13 3.63 0.00	67.90 3.66 0.00	80.96 4.87 0.00	88.75 5.81 0.00	92.88 5.42 0.00	84.81 4.19 0.00	80.18 3.38 0.00	69.98 2.30 0.00	59.45 2.34 0.00	56.45 2.69 0.00
ROME____115KV_TB2 80656	58.07 2.29 0.00	49.91 1.97 0.00	43.72 1.56 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.48 1.48 0.00	44.15 1.45 0.00	40.16 1.17 0.00	43.62 1.11 0.00	48.23 1.13 0.00	49.97 1.22 0.00	53.91 1.42 0.00	56.38 1.48 0.00	59.32 1.89 0.00	63.59 2.09 0.00	66.43 2.18 0.00	79.37 3.27 0.00	86.68 3.73 0.00	92.18 4.72 0.00	85.30 4.68 0.00	80.87 4.07 0.00	70.99 3.32 0.00	59.68 2.57 0.00	56.02 2.26 0.00
ROSETON___1 23587	58.13 2.34 0.00	50.24 2.30 0.00	44.22 2.07 0.00	42.60 1.91 0.00	42.32 1.86 0.00	41.88 1.88 0.00	44.79 2.09 0.00	40.94 1.95 0.00	44.39 1.87 0.00	49.08 1.98 0.00	50.71 1.95 0.00	54.49 1.99 0.00	57.04 2.14 0.00	59.43 2.01 0.00	63.53 2.03 0.00	66.30 2.06 0.00	79.06 2.96 0.00	86.68 3.74 0.00	90.70 3.24 0.00	83.20 2.58 0.00	78.79 1.99 0.00	68.89 1.22 0.00	58.37 1.25 0.00	55.32 1.56 0.00
ROSETON___2 23588	58.13 2.34 0.00	50.24 2.30 0.00	44.22 2.07 0.00	42.60 1.91 0.00	42.32 1.86 0.00	41.88 1.88 0.00	44.79 2.09 0.00	40.94 1.95 0.00	44.39 1.87 0.00	49.08 1.98 0.00	50.71 1.95 0.00	54.49 1.99 0.00	57.04 2.14 0.00	59.43 2.01 0.00	63.53 2.03 0.00	66.30 2.06 0.00	79.06 2.96 0.00	86.68 3.74 0.00	90.70 3.24 0.00	83.20 2.58 0.00	78.79 1.99 0.00	68.89 1.22 0.00	58.37 1.25 0.00	55.32 1.56 0.00
ROTRDAM_115KV_TB3 80664	57.51 1.73 0.00	49.52 1.58 0.00	43.59 1.43 0.00	42.03 1.34 0.00	41.84 1.38 0.00	41.36 1.36 0.00	44.10 1.41 0.00	40.16 1.17 0.00	43.50 0.98 0.00	48.09 0.99 0.00	49.58 0.83 0.00	53.34 0.84 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.49 0.98 0.00	65.40 1.16 0.00	77.69 1.60 0.00	85.27 2.32 0.00	90.09 2.62 0.00	82.96 2.34 0.00	78.80 2.00 0.00	69.23 1.56 0.00	58.42 1.31 0.00	55.10 1.34 0.00
RUSSELL___1 23602	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
RUSSELL___2 23532	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
RUSSELL___3 23549	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
RUSSELL___4 23556	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
RUSSELL___STATION 23914	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
S SALMON___HYD 24043	55.84 0.06 0.00	47.99 0.05 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.26 -0.20 0.00	39.84 -0.16 0.00	42.44 -0.25 0.00	38.68 -0.31 0.00	42.01 -0.51 0.00	46.49 -0.61 0.00	48.17 -0.58 0.00	51.97 -0.52 0.00	54.19 -0.72 0.00	56.90 -0.52 0.00	61.08 -0.43 0.00	63.80 -0.45 0.00	76.02 -0.08 0.00	83.11 0.17 0.00	88.25 0.79 0.00	81.75 1.13 0.00	77.65 0.85 0.00	68.28 0.61 0.00	57.46 0.34 0.00	54.03 0.27 0.00
S.PERRY__115KV_TB1 80734	55.84 0.06 0.00	48.13 0.19 0.00	41.95 -0.21 0.00	40.45 -0.24 0.00	39.65 -0.81 0.00	39.24 -0.76 0.00	41.67 -1.02 0.00	38.06 -0.94 0.00	40.78 -1.74 0.00	44.89 -2.21 0.00	47.05 -1.71 0.00	51.03 -1.47 0.00	53.36 -1.54 0.00	55.93 -1.49 0.00	60.33 -1.17 0.00	62.96 -1.28 0.00	75.33 -0.76 0.00	83.03 0.08 0.00	88.60 1.14 0.00	84.09 3.47 0.00	79.03 2.23 0.00	69.57 1.89 0.00	58.42 1.31 0.00	55.10 1.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.56 -1.23 0.00	47.27 -0.67 0.00	41.19 -0.97 0.00	39.84 -0.85 0.00	38.76 -1.70 0.00	38.40 -1.60 0.00	40.69 -2.01 0.00	37.39 -1.60 0.00	40.44 -2.08 0.00	44.98 -2.12 0.00	47.63 -1.12 0.00	51.71 -0.79 0.00	54.13 -0.77 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.54 -0.71 0.00	75.86 -0.23 0.00	82.61 -0.33 0.00	86.94 -0.52 0.00	81.83 1.21 0.00	76.26 -0.54 0.00	66.86 -0.81 0.00	56.65 -0.46 0.00	53.87 0.11 0.00

SAWYER___23_KV_LOAD 55526	54.56 -1.23 0.00	47.27 -0.67 0.00	41.19 -0.97 0.00	39.84 -0.85 0.00	38.76 -1.70 0.00	38.40 -1.60 0.00	40.69 -2.01 0.00	37.39 -1.60 0.00	40.44 -2.08 0.00	44.98 -2.12 0.00	47.63 -1.12 0.00	51.71 -0.79 0.00	54.13 -0.77 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.54 -0.71 0.00	75.86 -0.23 0.00	82.61 -0.33 0.00	86.94 -0.52 0.00	81.83 1.21 0.00	76.26 -0.54 0.00	66.86 -0.81 0.00	56.65 -0.46 0.00	53.87 0.11 0.00
SELKIRK___I 23801	57.12 1.34 0.00	49.28 1.34 0.00	43.50 1.35 0.00	42.07 1.38 0.00	41.92 1.45 0.00	41.40 1.40 0.00	44.15 1.45 0.00	40.08 1.09 0.00	43.11 0.59 0.00	47.48 0.38 0.00	49.00 0.24 0.00	52.60 0.11 0.00	54.96 0.05 0.00	57.19 -0.23 0.00	59.97 -1.54 0.00	62.83 -1.41 0.00	74.75 -1.29 0.05	82.03 -0.91 0.00	86.59 -0.87 0.00	79.82 -0.81 0.00	75.88 -0.92 0.00	66.73 -0.95 0.00	56.43 -0.68 0.00	53.22 -0.54 0.00
SELKIRK___II 23799	56.79 1.01 0.00	48.99 1.05 0.00	43.25 1.09 0.00	41.87 1.18 0.00	41.67 1.21 0.00	41.20 1.20 0.00	43.93 1.24 0.00	40.00 1.01 0.00	43.11 0.59 0.00	47.52 0.42 0.00	49.05 0.29 0.00	52.76 0.26 0.00	55.07 0.17 0.00	57.08 -0.34 0.00	60.89 -0.61 0.00	63.66 -0.58 0.00	75.55 -0.38 0.16	82.94 0.00 0.00	87.29 -0.17 0.00	80.30 -0.32 0.00	76.27 -0.53 0.00	67.13 -0.54 0.00	56.71 -0.40 0.00	53.54 -0.21 0.00
SENECA OSWGO___HYD 24041	55.00 -0.78 0.00	47.37 -0.57 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.81 -0.65 0.00	39.32 -0.68 0.00	42.01 -0.68 0.00	38.37 -0.63 0.00	41.62 -0.89 0.00	46.16 -0.94 0.00	47.88 -0.88 0.00	51.71 -0.79 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.77 -0.74 0.00	63.47 -0.77 0.00	75.48 -0.61 0.00	82.53 -0.41 0.00	87.29 -0.17 0.00	80.54 -0.08 0.00	76.34 -0.46 0.00	67.13 -0.54 0.00	56.54 -0.57 0.00	53.27 -0.48 0.00
SENECA___115KV_TB3 355854	55.06 -0.73 0.00	47.70 -0.24 0.00	41.52 -0.63 0.00	40.12 -0.57 0.00	39.05 -1.42 0.00	38.76 -1.24 0.00	41.07 -1.62 0.00	37.74 -1.25 0.00	40.82 -1.70 0.00	45.45 -1.65 0.00	48.12 -0.63 0.00	52.23 -0.26 0.00	54.68 -0.22 0.00	57.42 0.00 0.00	61.87 0.37 0.00	64.31 0.06 0.00	76.78 0.68 0.00	83.61 0.66 0.00	88.07 0.61 0.00	82.88 2.26 0.00	77.18 0.38 0.00	67.68 0.00 0.00	57.28 0.17 0.00	54.40 0.65 0.00
SENECA___ENERGY 23797	55.73 -0.06 0.00	47.94 0.00 0.00	42.03 -0.13 0.00	40.57 -0.12 0.00	40.10 -0.36 0.00	39.64 -0.36 0.00	42.35 -0.34 0.00	38.68 -0.31 0.00	41.92 -0.60 0.00	46.54 -0.56 0.00	48.41 -0.34 0.00	52.39 -0.10 0.00	54.74 -0.16 0.00	57.54 0.12 0.00	61.87 0.37 0.00	64.63 0.39 0.00	77.08 0.99 0.00	84.44 1.49 0.00	89.48 2.01 0.00	82.96 2.34 0.00	78.26 1.46 0.00	68.62 0.95 0.00	57.74 0.63 0.00	54.45 0.70 0.00
SHOEMAKER___GT 23640	58.02 2.23 0.00	50.10 2.16 0.00	44.10 1.94 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.68 1.68 0.00	44.57 1.88 0.00	40.71 1.71 0.00	44.13 1.62 0.00	48.80 1.69 0.00	50.46 1.71 0.00	54.23 1.73 0.00	56.77 1.87 0.00	59.26 1.84 0.00	63.47 1.97 0.00	66.30 2.06 0.00	79.06 2.96 0.00	86.68 3.74 0.00	90.87 3.41 0.00	83.44 2.82 0.00	79.03 2.23 0.00	69.16 1.49 0.00	58.48 1.37 0.00	55.37 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	58.02 2.23 0.00	50.10 2.16 0.00	44.10 1.94 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.61 1.92 0.00	40.75 1.75 0.00	44.18 1.66 0.00	48.89 1.79 0.00	50.46 1.71 0.00	54.33 1.84 0.00	56.82 1.92 0.00	59.32 1.89 0.00	63.47 1.97 0.00	66.30 2.06 0.00	78.98 2.89 0.00	86.59 3.65 0.00	90.96 3.50 0.00	83.36 2.74 0.00	78.87 2.07 0.00	69.10 1.42 0.00	58.48 1.37 0.00	55.37 1.61 0.00
SHOREHAM_IC_1 23715	60.42 4.63 -0.01	52.27 4.32 -0.01	45.91 3.75 -0.01	44.04 3.34 -0.01	43.59 3.12 -0.01	43.04 3.04 0.00	45.39 2.69 0.00	41.76 2.77 0.00	46.08 3.27 -0.28	51.11 3.77 -0.24	53.98 3.85 -1.38	57.47 3.67 -1.30	58.80 3.90 0.00	60.46 3.04 0.00	63.80 2.52 0.23	66.94 2.70 0.00	79.13 3.05 0.01	87.01 4.39 0.33	91.13 3.67 0.00	82.54 1.93 0.02	71.46 1.00 6.34	62.03 0.27 5.91	58.31 1.20 0.00	56.23 2.47 0.00
SHOREHAM_IC_2 23716	60.41 4.63 0.00	52.26 4.31 0.00	45.91 3.75 0.00	44.07 3.38 0.00	43.62 3.16 0.00	43.04 3.04 0.00	45.47 2.78 0.00	41.76 2.77 0.00	46.08 3.27 -0.28	51.15 3.82 -1.38	53.98 3.85 -1.38	57.47 3.67 -1.30	58.41 3.51 0.00	60.47 3.04 0.00	63.80 2.52 0.22	66.94 2.70 0.00	78.82 2.74 0.01	86.68 4.06 0.33	90.96 3.50 0.00	82.38 1.77 0.02	71.38 0.92 6.34	62.03 0.27 5.91	59.05 1.94 0.00	56.39 2.63 0.00
SISSONVILLE____ 23735	55.73 -0.06 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.67 0.57 0.00	49.34 0.59 0.00	52.92 0.42 0.00	55.45 0.55 0.00	57.94 0.52 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.17 0.08 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.78 0.16 0.00	77.80 1.00 0.00	68.76 1.08 0.00	58.08 0.97 0.00	54.19 0.43 0.00
SITHE_IND_GS1 24169	54.17 -1.62 0.00	46.65 -1.29 0.00	40.93 -1.22 0.00	39.55 -1.14 0.00	39.21 -1.25 0.00	38.76 -1.24 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.50 -1.60 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.71 -1.75 0.00	79.17 -1.45 0.00	75.04 -1.76 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
SITHE_IND_GS2 24170	54.17 -1.62 0.00	46.65 -1.29 0.00	40.93 -1.22 0.00	39.55 -1.14 0.00	39.21 -1.25 0.00	38.76 -1.24 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.50 -1.60 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.71 -1.75 0.00	79.17 -1.45 0.00	75.04 -1.76 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
SITHE_IND_GS3 24171	54.17 -1.62 0.00	46.65 -1.29 0.00	40.93 -1.22 0.00	39.55 -1.14 0.00	39.21 -1.25 0.00	38.76 -1.24 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.50 -1.60 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.71 -1.75 0.00	79.17 -1.45 0.00	75.04 -1.76 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00
SITHE_IND_GS4 24172	54.17 -1.62 0.00	46.65 -1.29 0.00	40.93 -1.22 0.00	39.55 -1.14 0.00	39.21 -1.25 0.00	38.76 -1.24 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.50 -1.60 0.00	47.24 -1.51 0.00	50.97 -1.52 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.35 -1.75 0.00	81.20 -1.75 0.00	85.71 -1.75 0.00	79.17 -1.45 0.00	75.04 -1.76 0.00	66.05 -1.62 0.00	55.69 -1.43 0.00	52.47 -1.29 0.00

SITHE___BATAVIA 24024	56.12 0.34 0.00	48.52 0.58 0.00	42.24 0.08 0.00	40.94 0.25 0.00	39.90 -0.57 0.00	39.44 -0.56 0.00	41.63 -1.07 0.00	38.21 -0.78 0.00	41.24 -1.27 0.00	46.21 -0.90 0.00	48.61 -0.15 0.00	52.81 0.32 0.00	55.18 0.28 0.00	57.94 0.52 0.00	62.48 0.98 0.00	64.95 0.71 0.00	77.77 1.67 0.00	84.77 1.82 0.00	90.70 3.24 0.00	84.49 3.87 0.00	79.03 2.23 0.00	69.30 1.62 0.00	58.48 1.37 0.00	55.48 1.72 0.00
SITHE___INDEPEND 23800	54.17 -1.62 0.00	46.65 -1.29 0.00	40.93 -1.22 0.00	39.51 -1.18 0.00	39.21 -1.25 0.00	38.76 -1.24 0.00	41.37 -1.32 0.00	37.82 -1.17 0.00	41.07 -1.45 0.00	45.45 -1.65 0.00	47.24 -1.51 0.00	50.92 -1.57 0.00	53.25 -1.65 0.00	55.81 -1.61 0.00	59.90 -1.60 0.00	62.57 -1.67 0.00	74.34 -1.75 0.00	81.20 -1.74 0.00	85.63 -1.84 0.00	79.17 -1.45 0.00	75.03 -1.77 0.00	66.05 -1.62 0.00	55.68 -1.43 0.00	52.47 -1.29 0.00
SITHE___MASSENA 23902	55.90 0.11 0.00	47.80 -0.14 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.95 -0.04 0.00	42.94 0.43 0.00	47.67 0.57 0.00	49.39 0.63 0.00	52.97 0.47 0.00	55.51 0.61 0.00	57.94 0.52 0.00	61.99 0.49 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.37 -0.58 0.00	87.03 -0.44 0.00	80.46 -0.16 0.00	77.34 0.54 0.00	68.49 0.82 0.00	57.85 0.74 0.00	54.14 0.38 0.00
SITHE___OGDNSBRG 24021	56.68 0.89 0.00	48.42 0.48 0.00	42.58 0.42 0.00	41.02 0.33 0.00	40.99 0.53 0.00	40.48 0.48 0.00	43.12 0.43 0.00	39.27 0.27 0.00	43.20 0.68 0.00	47.95 0.85 0.00	49.53 0.78 0.00	53.07 0.58 0.00	55.67 0.77 0.00	58.17 0.75 0.00	62.18 0.68 0.00	64.76 0.51 0.00	76.63 0.53 0.00	82.94 0.00 0.00	88.25 0.79 0.00	82.07 1.45 0.00	79.18 2.38 0.00	70.04 2.37 0.00	59.11 2.00 0.00	55.16 1.40 0.00
SITHE___STERLING 23777	57.52 1.73 0.00	49.43 1.49 0.00	43.33 1.18 0.00	41.79 1.10 0.00	41.55 1.09 0.00	41.12 1.12 0.00	43.80 1.11 0.00	39.85 0.86 0.00	43.29 0.77 0.00	47.90 0.80 0.00	49.58 0.83 0.00	53.55 1.05 0.00	56.00 1.10 0.00	58.80 1.38 0.00	63.04 1.54 0.00	65.91 1.67 0.00	78.68 2.59 0.00	85.93 2.98 0.00	91.22 3.76 0.00	84.33 3.71 0.00	80.02 3.22 0.00	70.25 2.57 0.00	59.11 2.00 0.00	55.53 1.77 0.00
SLEIGHT__34_KV_TB1 80719	55.39 -0.39 0.00	47.70 -0.24 0.00	41.69 -0.46 0.00	40.24 -0.45 0.00	39.65 -0.81 0.00	39.20 -0.80 0.00	41.75 -0.94 0.00	38.29 -0.70 0.00	41.46 -1.06 0.00	46.02 -1.08 0.00	48.36 -0.39 0.00	52.39 -0.10 0.00	54.79 -0.11 0.00	57.59 0.17 0.00	62.00 0.49 0.00	64.63 0.39 0.00	77.08 0.99 0.00	84.27 1.33 0.00	88.95 1.49 0.00	82.88 2.26 0.00	77.87 1.08 0.00	68.42 0.74 0.00	57.57 0.46 0.00	54.35 0.59 0.00
SMITHTWN_69_KV_BK 1 55830	61.14 5.36 0.00	52.88 4.94 0.00	46.46 4.30 0.00	44.64 3.95 0.00	44.18 3.72 0.00	43.60 3.60 0.00	46.15 3.46 0.00	42.38 3.39 0.00	46.77 3.95 -0.29	51.87 4.52 -0.24	54.76 4.58 -1.43	58.35 4.51 -1.34	59.18 4.28 0.00	61.27 3.85 0.00	64.46 3.38 0.43	67.78 3.53 0.00	79.57 3.50 0.02	87.34 4.73 0.33	91.57 4.11 0.00	83.02 2.42 0.02	72.34 1.84 6.31	62.87 1.08 5.88	59.68 2.57 0.00	57.09 3.33 0.00
SOUTH CAIRO___GT 23612	59.08 3.29 0.00	50.77 2.83 0.00	44.77 2.61 0.00	43.33 2.64 0.00	43.13 2.67 0.00	42.36 2.36 0.00	45.17 2.48 0.00	40.90 1.91 0.00	43.67 1.15 0.00	48.00 0.89 0.00	49.44 0.68 0.00	53.07 0.58 0.00	55.45 0.55 0.00	58.00 0.57 0.00	61.93 0.43 0.00	65.01 0.77 0.00	78.24 2.21 0.06	85.93 2.99 0.00	91.40 3.94 0.00	84.09 3.47 0.00	79.87 3.07 0.00	70.25 2.57 0.00	59.17 2.06 0.00	55.69 1.94 0.00
SOUTH HAMPTN___IC 23720	61.32 5.52 -0.01	52.98 5.03 -0.01	46.51 4.34 -0.01	44.60 3.91 -0.01	44.07 3.60 -0.01	43.52 3.52 0.00	45.90 3.20 0.00	42.27 3.28 0.00	46.71 3.91 -0.28	51.90 4.57 -0.23	54.90 4.78 -1.36	58.56 4.78 -1.28	60.01 5.11 0.00	61.78 4.36 0.00	65.24 3.94 0.21	68.48 4.24 0.00	80.88 4.80 0.01	89.00 6.39 0.33	93.23 5.77 0.00	84.32 3.71 0.02	72.98 2.53 6.35	63.31 1.56 5.92	59.45 2.34 0.00	57.25 3.49 0.00
SOUTHDOW_115KV_TB1 355954	56.45 0.67 0.00	48.90 0.96 0.00	42.54 0.38 0.00	41.02 0.33 0.00	39.98 -0.49 0.00	39.64 -0.36 0.00	42.27 -0.43 0.00	38.84 -0.16 0.00	41.97 -0.55 0.00	46.91 -0.19 0.00	49.68 0.93 0.00	53.91 1.42 0.00	56.49 1.59 0.00	59.32 1.89 0.00	63.90 2.40 0.00	66.55 2.31 0.00	79.44 3.35 0.00	86.59 3.65 0.00	91.31 3.85 0.00	86.02 5.40 0.00	80.03 3.23 0.00	69.98 2.30 0.00	58.94 1.83 0.00	55.64 1.88 0.00
SOUTHOLD_69_KV_BK 2 55809	61.92 6.14 0.00	53.45 5.51 0.00	46.88 4.72 0.00	44.92 4.23 0.00	44.39 3.92 0.00	43.80 3.80 0.00	46.19 3.50 0.00	42.50 3.51 0.00	47.09 4.29 -0.28	52.42 5.09 -0.23	55.48 5.36 -1.36	59.29 5.51 -1.28	60.50 5.60 0.00	62.76 5.34 0.00	66.34 5.04 0.20	69.70 5.46 0.00	82.02 5.94 0.01	90.33 7.71 0.33	94.72 7.26 0.00	85.60 5.00 0.02	74.06 3.61 6.35	64.33 2.57 5.92	61.28 4.17 0.00	58.33 4.57 0.00
SOUTHOLD___IC 23719	61.93 6.14 -0.01	53.46 5.51 -0.01	46.88 4.72 -0.01	44.93 4.23 -0.01	44.35 3.88 -0.01	43.80 3.80 0.00	46.11 3.42 0.00	42.50 3.51 0.00	47.09 4.29 -0.28	52.38 5.04 -0.23	55.48 5.36 -1.36	59.29 5.51 -1.28	60.89 5.99 0.00	62.76 5.34 0.00	66.34 5.04 0.21	69.70 5.46 0.00	82.32 6.24 0.01	90.65 8.04 0.33	94.98 7.52 0.00	85.77 5.16 0.02	74.14 3.69 6.35	64.33 2.57 5.92	60.54 3.43 0.00	58.17 4.41 0.00
SOUTH_FORK_WT_PWR 323839	61.42 5.63 -0.01	52.98 5.03 -0.01	46.51 4.34 -0.01	44.52 3.82 -0.01	43.99 3.52 -0.01	43.40 3.40 0.00	45.68 2.99 0.00	42.15 3.16 0.00	46.67 3.87 -0.28	52.00 4.66 -0.23	55.09 4.98 -1.36	58.82 5.04 -1.28	60.39 5.49 0.00	62.25 4.82 0.00	65.79 4.49 0.21	69.12 4.88 0.00	81.63 5.55 0.01	89.91 7.30 0.33	94.20 6.74 0.00	84.96 4.35 0.02	73.45 2.99 6.35	63.78 2.03 5.92	60.25 3.14 0.00	57.95 4.20 0.00
SPIERFLS_115KV_TB 1 80737	58.74 2.96 0.00	50.53 2.59 0.00	44.47 2.32 0.00	42.85 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.87 2.18 0.00	40.90 1.91 0.00	44.22 1.70 0.00	48.70 1.60 0.00	49.73 0.98 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.51 1.09 0.00	62.67 1.17 0.00	65.85 1.61 0.00	78.38 2.28 0.00	86.51 3.57 0.00	92.45 4.99 0.00	85.22 4.60 0.00	81.25 4.45 0.00	71.26 3.59 0.00	59.97 2.86 0.00	56.39 2.63 0.00
ST LAWRENCE____ 23600	55.28 -0.50 0.00	47.32 -0.62 0.00	41.61 -0.55 0.00	40.16 -0.53 0.00	39.98 -0.48 0.00	39.48 -0.52 0.00	42.18 -0.51 0.00	38.60 -0.39 0.00	42.48 -0.04 0.00	47.15 0.05 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.32 -0.18 0.00	64.05 -0.19 0.00	75.41 -0.69 0.00	81.70 -1.24 0.00	86.15 -1.31 0.00	79.49 -1.13 0.00	76.34 -0.46 0.00	67.61 -0.07 0.00	57.05 -0.06 0.00	53.49 -0.27 0.00

STATE_CA_115KV_115_LB 55624	57.01 1.23 0.00	49.14 1.20 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.44 1.44 0.00	44.19 1.49 0.00	40.24 1.25 0.00	43.28 0.77 0.00	47.71 0.61 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.17 0.27 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.43 0.19 0.00	76.63 0.53 0.00	84.19 1.24 0.00	88.86 1.40 0.00	81.51 0.89 0.00	77.41 0.61 0.00	68.01 0.34 0.00	57.45 0.34 0.00	54.24 0.48 0.00
STATE_ST_34_KV_LOAD 55959	56.01 0.22 0.00	48.18 0.24 0.00	42.24 0.08 0.00	40.73 0.04 0.00	40.34 -0.12 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.91 -0.08 0.00	42.18 -0.34 0.00	46.68 -0.42 0.00	48.61 -0.15 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.00 0.49 0.00	64.82 0.58 0.00	77.23 1.14 0.00	84.69 1.74 0.00	89.47 2.01 0.00	83.04 2.42 0.00	78.41 1.61 0.00	68.89 1.22 0.00	57.91 0.80 0.00	54.56 0.81 0.00
STATION_5_MISC_HYD 23604	55.51 -0.28 0.00	47.89 -0.05 0.00	41.78 -0.38 0.00	40.45 -0.24 0.00	39.65 -0.81 0.00	39.20 -0.80 0.00	41.67 -1.03 0.00	38.21 -0.78 0.00	41.41 -1.11 0.00	46.30 -0.80 0.00	48.56 -0.19 0.00	52.71 0.21 0.00	55.12 0.22 0.00	57.94 0.52 0.00	62.43 0.92 0.00	64.95 0.71 0.00	77.46 1.37 0.00	84.35 1.41 0.00	89.65 2.19 0.00	83.12 2.50 0.00	78.02 1.22 0.00	68.62 0.95 0.00	57.85 0.74 0.00	54.73 0.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	55.62 -0.17 0.00	47.89 -0.05 0.00	41.90 -0.25 0.00	40.45 -0.24 0.00	39.86 -0.61 0.00	39.40 -0.60 0.00	41.97 -0.73 0.00	38.49 -0.51 0.00	41.63 -0.89 0.00	46.21 -0.89 0.00	48.51 -0.24 0.00	52.60 0.10 0.00	55.01 0.11 0.00	57.77 0.34 0.00	62.24 0.74 0.00	64.88 0.64 0.00	77.39 1.29 0.00	84.60 1.66 0.00	89.30 1.84 0.00	83.28 2.66 0.00	78.18 1.38 0.00	68.69 1.02 0.00	57.80 0.69 0.00	54.56 0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.23 -0.56 0.00	47.61 -0.34 0.00	41.57 -0.59 0.00	40.16 -0.53 0.00	39.45 -1.01 0.00	39.00 -1.00 0.00	41.46 -1.24 0.00	38.06 -0.94 0.00	41.20 -1.32 0.00	45.83 -1.27 0.00	48.36 -0.39 0.00	52.50 0.00 0.00	54.90 0.00 0.00	57.65 0.23 0.00	62.12 0.62 0.00	64.69 0.45 0.00	77.16 1.07 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.88 2.26 0.00	77.64 0.84 0.00	68.28 0.61 0.00	57.51 0.40 0.00	54.35 0.59 0.00
STA_56___34_KV_BUS2 355983	55.23 -0.56 0.00	47.61 -0.34 0.00	41.57 -0.59 0.00	40.16 -0.53 0.00	39.45 -1.01 0.00	39.00 -1.00 0.00	41.46 -1.24 0.00	38.06 -0.94 0.00	41.20 -1.32 0.00	45.83 -1.27 0.00	48.36 -0.39 0.00	52.50 0.00 0.00	54.90 0.00 0.00	57.65 0.23 0.00	62.12 0.62 0.00	64.69 0.45 0.00	77.16 1.07 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.88 2.26 0.00	77.64 0.84 0.00	68.28 0.61 0.00	57.51 0.40 0.00	54.35 0.59 0.00
STA_67___115KV_BK2 355882	55.39 -0.39 0.00	47.75 -0.19 0.00	41.69 -0.46 0.00	40.28 -0.41 0.00	39.53 -0.93 0.00	39.12 -0.88 0.00	41.54 -1.15 0.00	38.13 -0.86 0.00	41.29 -1.23 0.00	45.88 -1.22 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.18 0.68 0.00	64.69 0.45 0.00	77.16 1.07 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.96 2.34 0.00	77.72 0.92 0.00	68.35 0.68 0.00	57.62 0.51 0.00	54.46 0.70 0.00
STA_7___115KV_9TRANS 80674	55.84 0.06 0.00	48.13 0.19 0.00	41.99 -0.17 0.00	40.57 -0.12 0.00	39.81 -0.65 0.00	39.36 -0.64 0.00	41.80 -0.90 0.00	38.41 -0.58 0.00	41.54 -0.98 0.00	46.25 -0.85 0.00	48.90 0.15 0.00	53.07 0.58 0.00	55.56 0.66 0.00	58.40 0.98 0.00	62.98 1.48 0.00	65.53 1.28 0.00	78.07 1.98 0.00	85.10 2.16 0.00	89.74 2.27 0.00	83.85 3.22 0.00	78.57 1.77 0.00	69.16 1.49 0.00	58.25 1.14 0.00	55.05 1.29 0.00
STA_82___115KV_TB1 80780	55.39 -0.39 0.00	47.80 -0.14 0.00	41.69 -0.46 0.00	40.28 -0.41 0.00	39.53 -0.93 0.00	39.12 -0.88 0.00	41.54 -1.15 0.00	38.13 -0.86 0.00	41.29 -1.23 0.00	45.88 -1.22 0.00	48.41 -0.34 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.71 0.29 0.00	62.18 0.68 0.00	64.69 0.45 0.00	77.16 1.07 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.96 2.34 0.00	77.72 0.92 0.00	68.35 0.68 0.00	57.62 0.51 0.00	54.51 0.75 0.00
STEEL___WIND 323596	55.00 -0.78 0.00	47.66 -0.29 0.00	41.52 -0.63 0.00	40.24 -0.45 0.00	39.13 -1.33 0.00	38.76 -1.24 0.00	41.11 -1.58 0.00	37.71 -1.29 0.00	40.82 -1.70 0.00	45.83 -1.27 0.00	48.07 -0.68 0.00	52.18 -0.31 0.00	54.63 -0.27 0.00	57.31 -0.11 0.00	61.81 0.31 0.00	64.18 -0.06 0.00	76.70 0.61 0.00	83.36 0.42 0.00	88.95 1.49 0.00	82.64 2.02 0.00	77.26 0.46 0.00	67.61 -0.07 0.00	57.23 0.11 0.00	54.45 0.70 0.00
STEPHTWN_115KV_BK_2 55603	57.29 1.51 0.00	49.38 1.44 0.00	43.67 1.52 0.00	42.32 1.63 0.00	42.12 1.66 0.00	41.60 1.60 0.00	44.36 1.67 0.00	40.44 1.44 0.00	43.45 0.94 0.00	47.95 0.85 0.00	49.39 0.63 0.00	53.07 0.58 0.00	55.39 0.49 0.00	57.82 0.40 0.00	61.75 0.25 0.00	64.69 0.45 0.00	76.93 0.84 0.00	84.60 1.66 0.00	89.30 1.84 0.00	81.99 1.37 0.00	77.80 1.00 0.00	68.35 0.68 0.00	57.74 0.63 0.00	54.46 0.70 0.00
STEBEN_REC_LFGE 323667	56.73 0.95 0.00	49.00 1.05 0.00	42.75 0.59 0.00	41.22 0.53 0.00	40.38 -0.08 0.00	40.00 0.00 0.00	42.69 0.00 0.00	38.99 0.00 0.00	41.92 -0.60 0.00	46.40 -0.71 0.00	48.70 -0.05 0.00	52.86 0.37 0.00	55.28 0.38 0.00	58.11 0.69 0.00	62.67 1.17 0.00	65.33 1.09 0.00	78.07 1.98 0.00	85.68 2.74 0.00	90.70 3.24 0.00	85.46 4.84 0.00	80.03 3.23 0.00	70.11 2.44 0.00	58.88 1.77 0.00	55.69 1.94 0.00
STILLWATER___SOLAR 323814	58.68 2.90 0.00	50.53 2.59 0.00	44.47 2.32 0.00	42.84 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.91 2.22 0.00	40.90 1.91 0.00	44.18 1.66 0.00	48.65 1.55 0.00	50.02 1.27 0.00	53.70 1.21 0.00	56.11 1.21 0.00	58.86 1.44 0.00	63.04 1.54 0.00	66.11 1.86 0.00	78.76 2.66 0.00	86.68 3.74 0.00	91.83 4.37 0.00	84.73 4.11 0.00	80.64 3.84 0.00	70.79 3.11 0.00	59.68 2.57 0.00	56.18 2.42 0.00
STONY___BROOK 24151	61.10 5.30 -0.01	52.84 4.89 -0.01	46.42 4.26 -0.01	44.57 3.87 -0.01	44.11 3.64 -0.01	43.56 3.56 0.00	46.03 3.33 0.00	42.35 3.35 0.00	46.68 3.87 -0.29	51.72 4.38 -0.24	54.70 4.53 -1.41	58.24 4.41 -1.33	59.51 4.61 0.00	61.15 3.73 0.00	64.32 3.13 0.32	67.52 3.27 0.00	79.42 3.34 0.02	87.26 4.64 0.33	91.40 3.94 0.00	82.78 2.18 0.02	72.17 1.69 6.32	62.73 0.95 5.89	58.88 1.77 0.00	56.87 3.12 0.00
STURGEON_POOL_HYD 23609	58.35 2.57 0.00	50.39 2.45 0.00	44.31 2.15 0.00	42.68 1.99 0.00	42.44 1.98 0.00	41.88 1.88 0.00	44.79 2.09 0.00	40.86 1.87 0.00	44.35 1.83 0.00	49.08 1.98 0.00	50.70 1.95 0.00	54.60 2.10 0.00	57.10 2.20 0.00	59.66 2.24 0.00	64.02 2.52 0.00	66.81 2.57 0.00	79.89 3.80 0.01	87.34 4.40 0.00	91.66 4.20 0.00	83.85 3.22 0.00	79.26 2.46 0.00	69.43 1.76 0.00	58.77 1.66 0.00	55.64 1.88 0.00

ST_LAW_115_BK7_LBMP 345037	55.28 -0.50 0.00	47.27 -0.67 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.93 -0.53 0.00	39.48 -0.52 0.00	42.14 -0.56 0.00	38.56 -0.43 0.00	42.48 -0.04 0.00	47.15 0.05 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.32 -0.18 0.00	63.99 -0.26 0.00	75.33 -0.76 0.00	81.53 -1.41 0.00	86.06 -1.40 0.00	79.41 -1.21 0.00	76.34 -0.46 0.00	67.61 -0.07 0.00	57.11 0.00 0.00	53.49 -0.27 0.00
ST_LAW_115_BK8_LBMP 345038	55.28 -0.50 0.00	47.27 -0.67 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.93 -0.53 0.00	39.48 -0.52 0.00	42.14 -0.56 0.00	38.56 -0.43 0.00	42.48 -0.04 0.00	47.15 0.05 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.32 -0.18 0.00	63.99 -0.26 0.00	75.33 -0.76 0.00	81.53 -1.41 0.00	86.06 -1.40 0.00	79.41 -1.21 0.00	76.34 -0.46 0.00	67.61 -0.07 0.00	57.11 0.00 0.00	53.49 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	55.28 -0.50 0.00	47.32 -0.62 0.00	41.61 -0.55 0.00	40.16 -0.53 0.00	39.98 -0.48 0.00	39.48 -0.52 0.00	42.18 -0.51 0.00	38.60 -0.39 0.00	42.48 -0.04 0.00	47.15 0.05 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.32 -0.18 0.00	64.05 -0.19 0.00	75.41 -0.69 0.00	81.70 -1.24 0.00	86.15 -1.31 0.00	79.49 -1.13 0.00	76.34 -0.46 0.00	67.61 -0.07 0.00	57.05 -0.06 0.00	53.49 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	55.28 -0.50 0.00	47.32 -0.62 0.00	41.61 -0.55 0.00	40.16 -0.53 0.00	39.98 -0.48 0.00	39.48 -0.52 0.00	42.18 -0.51 0.00	38.60 -0.39 0.00	42.48 -0.04 0.00	47.15 0.05 0.00	48.80 0.05 0.00	52.44 -0.05 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.32 -0.18 0.00	64.05 -0.19 0.00	75.41 -0.69 0.00	81.70 -1.24 0.00	86.15 -1.31 0.00	79.49 -1.13 0.00	76.34 -0.46 0.00	67.61 -0.07 0.00	57.05 -0.06 0.00	53.49 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	58.30 2.51 0.00	50.39 2.45 0.00	44.35 2.19 0.00	42.68 1.99 0.00	42.40 1.94 0.00	41.92 1.92 0.00	44.87 2.18 0.00	41.02 2.03 0.00	44.47 1.96 0.00	49.27 2.17 0.00	50.85 2.10 0.00	54.75 2.26 0.00	57.26 2.36 0.00	59.78 2.35 0.00	63.96 2.46 0.00	66.75 2.51 0.00	79.44 3.35 0.00	87.17 4.23 0.00	91.40 3.94 0.00	83.68 3.06 0.00	79.18 2.38 0.00	69.23 1.56 0.00	58.65 1.54 0.00	55.59 1.83 0.00
SWANROAD_115KV_TB1 355699	54.11 -1.67 0.00	46.98 -0.96 0.00	40.89 -1.26 0.00	39.27 -1.42 0.00	38.16 -2.31 0.00	38.20 -1.80 0.00	40.00 -2.69 0.00	36.77 -2.22 0.00	39.76 -2.76 0.00	44.18 -2.92 0.00	46.85 -1.90 0.00	50.87 -1.63 0.00	53.14 -1.76 0.00	55.76 -1.67 0.00	60.03 -1.48 0.00	62.31 -1.93 0.00	74.42 -1.67 0.00	80.95 -1.99 0.00	85.28 -2.19 0.00	80.30 -0.32 0.00	74.80 -2.00 0.00	65.65 -2.03 0.00	55.68 -1.43 0.00	53.01 -0.75 0.00
SYNERGY___BIOGAS 323694	56.12 0.33 0.00	48.52 0.58 0.00	42.20 0.04 0.00	40.65 -0.04 0.00	39.65 -0.81 0.00	39.40 -0.60 0.00	41.54 -1.15 0.00	38.21 -0.78 0.00	41.20 -1.32 0.00	45.83 -1.27 0.00	48.61 -0.15 0.00	52.81 0.31 0.00	55.17 0.27 0.00	57.94 0.52 0.00	62.49 0.98 0.00	64.95 0.71 0.00	77.77 1.67 0.00	84.85 1.91 0.00	89.74 2.27 0.00	84.57 3.95 0.00	78.87 2.07 0.00	69.23 1.56 0.00	58.48 1.37 0.00	55.37 1.61 0.00
SYRACUSE___ENERGY_ST1 323597	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
SYRACUSE___ENERGY_ST2 323598	55.34 -0.45 0.00	47.61 -0.34 0.00	41.78 -0.38 0.00	40.32 -0.37 0.00	39.98 -0.49 0.00	39.52 -0.48 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.30 -0.80 0.00	48.17 -0.59 0.00	52.02 -0.47 0.00	54.35 -0.55 0.00	57.08 -0.34 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
SYRACUSE___POWER 24017	55.51 -0.28 0.00	47.80 -0.14 0.00	41.90 -0.25 0.00	40.45 -0.24 0.00	40.10 -0.36 0.00	39.64 -0.36 0.00	42.31 -0.38 0.00	38.68 -0.31 0.00	41.97 -0.55 0.00	46.44 -0.66 0.00	48.31 -0.44 0.00	52.18 -0.31 0.00	54.52 -0.38 0.00	57.25 -0.17 0.00	61.44 -0.06 0.00	64.24 0.00 0.00	76.40 0.30 0.00	83.61 0.66 0.00	88.25 0.79 0.00	81.67 1.05 0.00	77.26 0.46 0.00	67.88 0.20 0.00	57.17 0.06 0.00	53.87 0.11 0.00
TALLMAN__138KV_BK151 55660	58.69 2.90 0.00	50.77 2.83 0.00	44.69 2.53 0.00	43.01 2.32 0.00	42.69 2.23 0.00	42.20 2.20 0.00	45.21 2.52 0.00	41.37 2.38 0.00	44.90 2.38 0.00	49.69 2.59 0.00	51.34 2.58 0.00	55.23 2.73 0.00	57.81 2.91 0.00	60.24 2.81 0.00	64.39 2.89 0.00	67.20 2.96 0.00	80.05 3.96 0.00	87.84 4.89 0.00	91.92 4.46 0.00	84.01 3.39 0.00	79.41 2.61 0.00	69.43 1.76 0.00	58.82 1.71 0.00	55.85 2.10 0.00
TEALLAVE_115KV_TB7 355573	55.39 -0.39 0.00	47.65 -0.29 0.00	41.82 -0.34 0.00	40.36 -0.33 0.00	40.02 -0.45 0.00	39.56 -0.44 0.00	42.22 -0.47 0.00	38.56 -0.43 0.00	41.84 -0.68 0.00	46.35 -0.75 0.00	48.22 -0.54 0.00	52.08 -0.42 0.00	54.41 -0.49 0.00	57.13 -0.29 0.00	61.32 -0.18 0.00	64.11 -0.13 0.00	76.25 0.15 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.35 0.73 0.00	76.95 0.15 0.00	67.68 0.00 0.00	57.00 -0.11 0.00	53.70 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	55.06 -0.73 0.00	47.70 -0.24 0.00	41.52 -0.63 0.00	39.96 -0.73 0.00	38.88 -1.58 0.00	38.76 -1.24 0.00	40.77 -1.92 0.00	37.51 -1.48 0.00	40.48 -2.04 0.00	45.08 -2.03 0.00	47.83 -0.93 0.00	51.92 -0.58 0.00	54.19 -0.71 0.00	56.91 -0.52 0.00	61.32 -0.18 0.00	63.66 -0.58 0.00	76.09 0.00 0.00	82.86 -0.08 0.00	87.29 -0.17 0.00	82.31 1.69 0.00	76.72 -0.08 0.00	67.34 -0.34 0.00	57.00 -0.11 0.00	54.13 0.38 0.00
TEMPLE___115KV_TB 2 55572	55.39 -0.39 0.00	47.70 -0.24 0.00	41.86 -0.30 0.00	40.36 -0.33 0.00	40.02 -0.45 0.00	39.56 -0.44 0.00	42.27 -0.43 0.00	38.60 -0.39 0.00	41.88 -0.64 0.00	46.40 -0.71 0.00	48.27 -0.49 0.00	52.08 -0.42 0.00	54.46 -0.44 0.00	57.19 -0.23 0.00	61.38 -0.12 0.00	64.18 -0.06 0.00	76.32 0.23 0.00	83.44 0.50 0.00	88.07 0.61 0.00	81.43 0.81 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.05 -0.06 0.00	53.76 0.00 0.00
TIANA____69_KV_BK 1 55817	61.20 5.41 0.00	52.88 4.94 0.00	46.46 4.30 0.00	44.56 3.87 0.00	44.06 3.60 0.00	43.48 3.48 0.00	45.94 3.24 0.00	42.23 3.24 0.00	46.67 3.87 -0.28	51.86 4.52 -0.23	54.75 4.63 -1.36	58.40 4.62 -1.28	59.40 4.50 0.00	61.56 4.13 0.00	64.99 3.69 0.20	68.22 3.98 0.00	80.34 4.26 0.01	88.33 5.72 0.33	92.71 5.25 0.00	83.91 3.31 0.02	72.68 2.23 6.35	63.11 1.35 5.92	60.02 2.91 0.00	57.25 3.49 0.00

TILDEN___115KV_TB1 80814	55.51 -0.28 0.00	47.80 -0.14 0.00	41.90 -0.25 0.00	40.45 -0.24 0.00	40.10 -0.36 0.00	39.64 -0.36 0.00	42.31 -0.38 0.00	38.68 -0.31 0.00	41.97 -0.55 0.00	46.44 -0.66 0.00	48.31 -0.44 0.00	52.18 -0.31 0.00	54.52 -0.38 0.00	57.25 -0.17 0.00	61.44 -0.06 0.00	64.24 0.00 0.00	76.40 0.30 0.00	83.61 0.66 0.00	88.25 0.79 0.00	81.67 1.05 0.00	77.26 0.46 0.00	67.88 0.20 0.00	57.17 0.06 0.00	53.87 0.11 0.00
TRIGEN___CC 323695	59.97 4.18 0.00	51.97 4.03 0.00	45.74 3.58 0.00	44.03 3.34 0.00	43.66 3.20 0.00	43.16 3.16 0.00	45.85 3.16 0.00	42.07 3.08 0.00	48.00 3.44 -2.04	52.53 3.82 -1.62	61.77 3.71 -9.31	65.23 3.88 -8.85	58.58 3.68 0.00	60.75 3.33 0.00	64.58 3.08 0.00	67.39 3.15 0.00	79.82 3.73 0.00	87.75 4.81 0.00	91.66 4.20 0.00	83.52 2.90 0.01	77.46 2.15 1.49	67.57 1.29 1.39	59.17 2.06 0.00	56.55 2.80 0.00
TRINITY___115KV__4 BK 55933	56.73 0.95 0.00	48.95 1.01 0.00	43.25 1.10 0.00	41.95 1.26 0.00	41.76 1.29 0.00	41.28 1.28 0.00	43.97 1.28 0.00	40.08 1.09 0.00	43.11 0.60 0.00	47.53 0.42 0.00	48.95 0.20 0.00	52.60 0.10 0.00	54.90 0.00 0.00	57.31 -0.11 0.00	61.26 -0.25 0.00	64.05 -0.19 0.00	76.17 0.08 0.00	83.69 0.75 0.00	88.34 0.87 0.00	81.02 0.40 0.00	76.95 0.15 0.00	67.61 -0.07 0.00	57.17 0.06 0.00	53.92 0.16 0.00
UNION___PROCESSING_DRP 323587	55.39 -0.39 0.00	47.80 -0.14 0.00	41.69 -0.46 0.00	40.28 -0.41 0.00	39.57 -0.89 0.00	39.12 -0.88 0.00	41.54 -1.15 0.00	38.17 -0.82 0.00	41.29 -1.23 0.00	45.92 -1.18 0.00	48.46 -0.29 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.77 0.34 0.00	62.18 0.68 0.00	64.76 0.51 0.00	77.23 1.14 0.00	84.19 1.24 0.00	88.77 1.31 0.00	82.96 2.34 0.00	77.80 1.00 0.00	68.42 0.74 0.00	57.62 0.51 0.00	54.51 0.75 0.00
UPPER HUDSON___HYD 24058	58.74 2.95 0.00	50.53 2.59 0.00	44.52 2.36 0.00	42.84 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.87 2.18 0.00	40.90 1.91 0.00	44.18 1.66 0.00	48.65 1.55 0.00	49.73 0.97 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.51 1.09 0.00	62.67 1.17 0.00	65.85 1.61 0.00	78.45 2.36 0.00	86.51 3.56 0.00	92.36 4.89 0.00	85.21 4.59 0.00	81.33 4.53 0.00	71.26 3.58 0.00	59.97 2.85 0.00	56.34 2.58 0.00
UPPER RAQUET___HYD 24056	55.73 -0.06 0.00	47.61 -0.33 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.34 -0.12 0.00	39.84 -0.16 0.00	42.52 -0.17 0.00	38.80 -0.19 0.00	42.86 0.34 0.00	47.62 0.52 0.00	49.34 0.59 0.00	52.91 0.42 0.00	55.45 0.55 0.00	57.94 0.52 0.00	61.94 0.43 0.00	64.37 0.13 0.00	76.09 0.00 0.00	82.20 -0.75 0.00	87.11 -0.35 0.00	80.78 0.16 0.00	77.65 0.85 0.00	68.75 1.08 0.00	58.08 0.97 0.00	54.19 0.43 0.00
VALLEY44_115KV_TB2 355964	54.28 -1.51 0.00	47.03 -0.91 0.00	40.93 -1.22 0.00	39.47 -1.22 0.00	38.52 -1.94 0.00	38.24 -1.76 0.00	40.86 -1.84 0.00	37.51 -1.48 0.00	40.48 -2.04 0.00	45.12 -1.98 0.00	47.68 -1.07 0.00	51.71 -0.79 0.00	54.13 -0.77 0.00	56.85 -0.57 0.00	61.26 -0.25 0.00	63.73 -0.51 0.00	76.09 0.00 0.00	83.03 0.08 0.00	87.46 0.00 0.00	82.23 1.61 0.00	76.65 -0.15 0.00	67.27 -0.41 0.00	56.60 -0.51 0.00	53.76 0.00 0.00
VALLEY___115KV_TB 1-4 80826	55.90 0.11 0.00	48.09 0.14 0.00	42.28 0.13 0.00	40.77 0.08 0.00	40.62 0.16 0.00	40.16 0.16 0.00	42.82 0.13 0.00	39.03 0.04 0.00	42.48 -0.04 0.00	47.05 -0.05 0.00	48.66 -0.10 0.00	52.44 -0.05 0.00	54.85 -0.05 0.00	57.42 0.00 0.00	61.50 0.00 0.00	64.24 0.00 0.00	76.32 0.23 0.00	83.36 0.41 0.00	87.99 0.52 0.00	81.02 0.40 0.00	76.95 0.15 0.00	67.61 -0.07 0.00	57.00 -0.11 0.00	53.60 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	58.35 2.57 0.00	50.29 2.35 0.00	44.22 2.07 0.00	42.64 1.95 0.00	42.53 2.06 0.00	42.08 2.08 0.00	44.91 2.22 0.00	40.79 1.79 0.00	44.26 1.74 0.00	49.03 1.93 0.00	50.75 2.00 0.00	54.75 2.26 0.00	57.32 2.42 0.00	60.12 2.70 0.00	64.39 2.89 0.00	67.26 3.02 0.00	80.20 4.11 0.00	87.75 4.81 0.00	92.62 5.16 0.00	85.38 4.76 0.00	80.72 3.92 0.00	70.86 3.18 0.00	59.74 2.63 0.00	56.34 2.58 0.00
VISCHER___FERRY HYD 24020	57.90 2.12 0.00	49.86 1.92 0.00	43.97 1.81 0.00	42.44 1.75 0.00	42.20 1.74 0.00	41.72 1.72 0.00	44.44 1.75 0.00	40.55 1.56 0.00	43.79 1.27 0.00	48.28 1.18 0.00	49.68 0.92 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.40 0.98 0.00	62.48 0.98 0.00	65.40 1.16 0.00	77.92 1.82 0.00	85.68 2.73 0.00	90.44 2.98 0.00	83.20 2.58 0.00	79.10 2.30 0.00	69.43 1.76 0.00	58.59 1.48 0.00	55.21 1.45 0.00
V_A_10_SYNC_DSASP 323832	54.45 -1.34 0.00	47.13 -0.82 0.00	41.10 -1.05 0.00	39.79 -0.90 0.00	38.84 -1.62 0.00	38.44 -1.56 0.00	40.77 -1.92 0.00	37.43 -1.56 0.00	40.48 -2.04 0.00	44.98 -2.12 0.00	47.53 -1.22 0.00	51.55 -0.94 0.00	53.91 -0.99 0.00	56.56 -0.86 0.00	60.95 -0.55 0.00	63.28 -0.96 0.00	75.56 -0.53 0.00	82.28 -0.66 0.00	86.59 -0.87 0.00	81.27 0.64 0.00	75.88 -0.92 0.00	66.73 -0.95 0.00	56.43 -0.69 0.00	53.60 -0.16 0.00
V_CMM_10_SYNC_DSASP 323787	55.51 -0.28 0.00	47.46 -0.48 0.00	41.78 -0.38 0.00	40.28 -0.41 0.00	40.14 -0.33 0.00	39.64 -0.36 0.00	42.31 -0.39 0.00	38.72 -0.27 0.00	42.65 0.13 0.00	47.34 0.24 0.00	49.00 0.24 0.00	52.60 0.11 0.00	55.12 0.22 0.00	57.54 0.12 0.00	61.56 0.06 0.00	64.24 0.00 0.00	75.71 -0.38 0.00	81.95 -0.99 0.00	86.42 -1.05 0.00	79.82 -0.81 0.00	76.72 -0.08 0.00	67.95 0.27 0.00	57.34 0.23 0.00	53.70 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	55.95 0.17 0.00	48.04 0.10 0.00	42.24 0.08 0.00	40.73 0.04 0.00	40.58 0.12 0.00	40.08 0.08 0.00	42.82 0.13 0.00	39.15 0.16 0.00	43.07 0.55 0.00	47.85 0.75 0.00	49.58 0.83 0.00	53.18 0.68 0.00	55.73 0.82 0.00	57.77 0.35 0.00	61.81 0.31 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.45 -0.49 0.00	87.03 -0.44 0.00	80.38 -0.24 0.00	77.11 0.31 0.00	68.15 0.48 0.00	57.62 0.51 0.00	54.51 0.75 0.00
V_D_10_SYNC_DSASP 323841	55.90 0.11 0.00	47.80 -0.14 0.00	42.03 -0.13 0.00	40.53 -0.16 0.00	40.38 -0.08 0.00	39.88 -0.12 0.00	42.61 -0.09 0.00	38.95 -0.04 0.00	42.94 0.43 0.00	47.67 0.57 0.00	49.39 0.63 0.00	52.97 0.47 0.00	55.51 0.61 0.00	57.94 0.52 0.00	61.94 0.43 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.37 -0.58 0.00	87.03 -0.44 0.00	80.38 -0.24 0.00	77.34 0.54 0.00	68.49 0.82 0.00	57.85 0.74 0.00	54.14 0.38 0.00
V_E_10_SYNC_DSASP 323830	60.52 4.74 0.00	52.11 4.17 0.00	45.70 3.54 0.00	44.03 3.34 0.00	43.74 3.28 0.00	43.36 3.36 0.00	46.24 3.54 0.00	41.95 2.96 0.00	45.24 2.72 0.00	49.93 2.83 0.00	51.63 2.88 0.00	55.91 3.41 0.00	58.47 3.57 0.00	61.67 4.25 0.00	66.24 4.74 0.00	69.32 5.07 0.00	83.55 7.46 0.00	91.57 8.63 0.00	98.13 10.67 0.00	90.94 10.32 0.00	85.78 8.98 0.00	74.92 7.24 0.00	62.88 5.77 0.00	59.08 5.32 0.00

V_F_30_NSYNC___DSASP 323816	58.74 2.95 0.00	50.58 2.64 0.00	44.56 2.40 0.00	42.93 2.24 0.00	42.65 2.18 0.00	42.16 2.16 0.00	44.95 2.26 0.00	40.94 1.95 0.00	44.26 1.74 0.00	48.80 1.69 0.00	50.17 1.41 0.00	53.86 1.36 0.00	56.33 1.43 0.00	59.09 1.67 0.00	63.22 1.72 0.00	66.30 2.06 0.00	78.98 2.89 0.00	86.93 3.98 0.00	92.09 4.63 0.00	84.89 4.27 0.00	80.79 3.99 0.00	70.92 3.25 0.00	59.74 2.63 0.00	56.28 2.53 0.00
V_F_30_SYNC_DSASP 323786	57.01 1.23 0.00	49.14 1.20 0.00	43.46 1.31 0.00	42.11 1.42 0.00	41.92 1.46 0.00	41.44 1.44 0.00	44.15 1.45 0.00	40.24 1.25 0.00	43.28 0.77 0.00	47.71 0.61 0.00	49.19 0.44 0.00	52.86 0.37 0.00	55.17 0.27 0.00	57.65 0.23 0.00	61.56 0.06 0.00	64.43 0.19 0.00	76.63 0.53 0.00	84.11 1.16 0.00	88.86 1.40 0.00	81.51 0.89 0.00	77.41 0.61 0.00	68.01 0.34 0.00	57.45 0.34 0.00	54.24 0.48 0.00
V_XM_10_SYNC_DSASP 323789	55.95 0.17 0.00	48.04 0.10 0.00	42.24 0.08 0.00	40.73 0.04 0.00	40.58 0.12 0.00	40.08 0.08 0.00	42.82 0.13 0.00	39.15 0.16 0.00	43.07 0.55 0.00	47.85 0.75 0.00	49.58 0.83 0.00	53.18 0.68 0.00	55.73 0.82 0.00	57.77 0.35 0.00	61.81 0.31 0.00	64.56 0.32 0.00	76.17 0.08 0.00	82.45 -0.49 0.00	87.03 -0.44 0.00	80.38 -0.24 0.00	77.11 0.31 0.00	68.15 0.48 0.00	57.62 0.51 0.00	54.51 0.75 0.00
W.BABYLN_69_KV_BK1 56697	61.59 5.80 0.00	53.22 5.27 0.00	46.79 4.64 0.00	44.96 4.27 0.00	44.51 4.05 0.00	43.96 3.96 0.00	46.54 3.84 0.00	42.74 3.74 0.00	47.35 4.25 -0.58	52.38 4.80 -0.47	56.42 4.88 -2.79	60.07 4.93 -2.64	59.62 4.72 0.00	61.61 4.19 0.00	65.20 3.81 0.12	68.22 3.98 0.00	80.35 4.26 0.01	88.31 5.64 0.28	92.53 5.07 0.00	84.07 3.47 0.01	73.88 2.69 5.60	64.27 1.83 5.23	60.25 3.14 0.00	57.63 3.87 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	58.85 3.07 0.00	50.91 2.97 0.00	44.81 2.66 0.00	43.13 2.44 0.00	42.81 2.35 0.00	42.32 2.32 0.00	45.34 2.65 0.00	41.49 2.50 0.00	45.03 2.51 0.00	49.83 2.73 0.00	51.43 2.68 0.00	55.38 2.89 0.00	57.97 3.07 0.00	60.41 2.99 0.00	64.64 3.14 0.00	67.45 3.21 0.00	80.28 4.19 0.00	88.17 5.23 0.00	92.27 4.81 0.00	84.33 3.71 0.00	79.72 2.92 0.00	69.71 2.03 0.00	59.05 1.94 0.00	56.02 2.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	59.35 3.57 0.00	51.44 3.50 0.00	45.28 3.12 0.00	43.58 2.89 0.00	43.21 2.75 0.00	42.76 2.76 0.00	45.81 3.12 0.00	41.96 2.96 0.00	45.62 3.10 0.00	50.54 3.44 0.00	52.07 3.32 0.00	56.01 3.52 0.00	58.63 3.73 0.00	60.87 3.45 0.00	65.07 3.57 0.00	67.78 3.53 0.00	80.81 4.72 0.00	88.67 5.72 0.00	92.53 5.07 0.00	84.49 3.87 0.00	79.79 3.00 0.00	69.71 2.03 0.00	59.17 2.06 0.00	56.34 2.58 0.00
W50THST__13_KV_LOAD 356117	59.63 3.85 0.00	51.73 3.79 0.00	45.53 3.37 0.00	43.78 3.09 0.00	43.42 2.95 0.00	42.96 2.96 0.00	46.02 3.33 0.00	42.19 3.20 0.00	45.88 3.36 0.00	50.87 3.77 0.00	52.41 3.66 0.00	56.38 3.88 0.00	59.02 4.12 0.00	61.21 3.79 0.00	65.44 3.94 0.00	68.16 3.92 0.00	81.27 5.17 0.00	89.16 6.22 0.00	93.06 5.60 0.00	84.89 4.27 0.00	80.26 3.46 0.00	70.04 2.37 0.00	59.51 2.40 0.00	56.66 2.90 0.00
WADING RIVER_IC_1 23522	60.37 4.58 -0.01	52.21 4.27 -0.01	45.83 3.67 -0.01	43.99 3.29 -0.01	43.51 3.04 -0.01	42.96 2.96 0.00	45.34 2.65 0.00	41.72 2.73 0.00	46.03 3.23 -0.28	51.06 3.72 -0.23	53.92 3.81 -1.36	57.39 3.62 -1.28	58.74 3.84 0.00	60.41 2.98 0.00	63.76 2.46 0.20	66.88 2.63 0.00	79.05 2.96 0.01	86.92 4.31 0.33	91.05 3.59 0.00	82.46 1.86 0.02	71.45 1.00 6.35	61.96 0.20 5.92	58.25 1.14 0.00	56.18 2.42 0.00
WADING RIVER_IC_2 23547	60.37 4.58 -0.01	52.21 4.27 -0.01	45.83 3.67 -0.01	43.99 3.29 -0.01	43.51 3.04 -0.01	42.96 2.96 0.00	45.34 2.65 0.00	41.72 2.73 0.00	46.03 3.23 -0.28	51.06 3.72 -0.23	53.92 3.81 -1.36	57.39 3.62 -1.28	58.74 3.84 0.00	60.41 2.98 0.00	63.76 2.46 0.20	66.88 2.63 0.00	79.05 2.96 0.01	86.92 4.31 0.33	91.05 3.59 0.00	82.46 1.86 0.02	71.45 1.00 6.35	61.96 0.20 5.92	58.25 1.14 0.00	56.18 2.42 0.00
WADING RIVER_IC_3 23601	60.37 4.58 -0.01	52.21 4.27 -0.01	45.83 3.67 -0.01	43.99 3.29 -0.01	43.51 3.04 -0.01	42.96 2.96 0.00	45.34 2.65 0.00	41.72 2.73 0.00	46.03 3.23 -0.28	51.06 3.72 -0.23	53.92 3.81 -1.36	57.39 3.62 -1.28	58.74 3.84 0.00	60.41 2.98 0.00	63.76 2.46 0.20	66.88 2.63 0.00	79.05 2.96 0.01	86.92 4.31 0.33	91.05 3.59 0.00	82.46 1.86 0.02	71.45 1.00 6.35	61.96 0.20 5.92	58.25 1.14 0.00	56.18 2.42 0.00
WALDENNY_12_KV_BK2 80841	55.12 -0.67 0.00	47.75 -0.19 0.00	41.57 -0.59 0.00	40.12 -0.57 0.00	39.05 -1.42 0.00	38.80 -1.20 0.00	41.03 -1.67 0.00	37.74 -1.25 0.00	40.82 -1.70 0.00	45.45 -1.65 0.00	48.17 -0.59 0.00	52.29 -0.21 0.00	54.74 -0.16 0.00	57.48 0.06 0.00	61.93 0.43 0.00	64.37 0.13 0.00	76.85 0.76 0.00	83.61 0.66 0.00	88.07 0.61 0.00	82.96 2.34 0.00	77.26 0.46 0.00	67.68 0.00 0.00	57.28 0.17 0.00	54.40 0.65 0.00
WALDEN___HYDRO 24148	58.63 2.85 0.00	50.63 2.68 0.00	44.56 2.40 0.00	42.89 2.20 0.00	42.61 2.14 0.00	42.08 2.08 0.00	45.04 2.35 0.00	41.14 2.14 0.00	44.60 2.08 0.00	49.36 2.26 0.00	51.00 2.24 0.00	54.86 2.36 0.00	57.43 2.53 0.00	59.95 2.53 0.00	64.21 2.71 0.00	67.07 2.83 0.00	79.90 3.80 0.00	87.75 4.81 0.00	92.01 4.55 0.00	84.25 3.63 0.00	79.64 2.84 0.00	69.71 2.03 0.00	59.00 1.88 0.00	55.85 2.10 0.00
WARRENSBURG____ 23737	58.74 2.96 0.00	50.53 2.59 0.00	44.47 2.32 0.00	42.85 2.16 0.00	42.61 2.14 0.00	42.12 2.12 0.00	44.87 2.18 0.00	40.90 1.91 0.00	44.22 1.70 0.00	48.70 1.60 0.00	49.73 0.98 0.00	53.39 0.89 0.00	55.78 0.88 0.00	58.51 1.09 0.00	62.67 1.17 0.00	65.85 1.61 0.00	78.38 2.28 0.00	86.51 3.57 0.00	92.45 4.99 0.00	85.22 4.60 0.00	81.25 4.45 0.00	71.26 3.59 0.00	59.97 2.86 0.00	56.39 2.63 0.00
WATERSIDE___6 8 9 23538	58.85 3.07 0.00	51.44 3.50 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.29 2.83 0.00	42.76 2.76 0.00	45.64 2.95 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.16 3.06 0.00	51.73 2.97 0.00	55.49 2.99 0.00	58.03 3.13 0.00	59.55 2.87 0.75	58.28 2.89 6.12	59.15 2.83 7.92	57.07 3.88 22.91	58.88 4.81 28.87	57.69 4.20 33.97	59.12 3.06 24.57	58.28 2.30 20.83	57.44 1.42 11.65	58.65 1.54 0.00	55.91 2.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.90 0.11 0.00	48.09 0.14 0.00	42.28 0.13 0.00	40.81 0.12 0.00	40.62 0.16 0.00	40.16 0.16 0.00	42.82 0.13 0.00	39.07 0.08 0.00	42.48 -0.04 0.00	47.05 -0.05 0.00	48.66 -0.10 0.00	52.44 -0.05 0.00	54.85 -0.05 0.00	57.36 -0.06 0.00	61.44 -0.06 0.00	64.18 -0.06 0.00	76.25 0.15 0.00	83.28 0.33 0.00	87.90 0.44 0.00	80.94 0.32 0.00	76.88 0.08 0.00	67.61 -0.07 0.00	57.00 -0.11 0.00	53.65 -0.11 0.00

WDELAWARE___HYD 323627	58.30 2.51 0.00	50.29 2.35 0.00	44.18 2.02 0.00	42.52 1.83 0.00	42.28 1.82 0.00	41.72 1.72 0.00	44.62 1.92 0.00	40.71 1.71 0.00	44.13 1.62 0.00	48.85 1.74 0.00	50.51 1.75 0.00	54.33 1.84 0.00	56.93 2.03 0.00	59.60 2.18 0.00	63.97 2.46 0.00	66.81 2.57 0.00	79.82 3.73 0.00	87.59 4.64 0.00	92.01 4.55 0.00	84.33 3.71 0.00	79.87 3.08 0.00	69.78 2.10 0.00	58.99 1.88 0.00	55.75 1.99 0.00
WEST BABYLON___IC 23714	61.59 5.80 0.00	53.22 5.27 0.00	46.79 4.64 0.00	44.96 4.27 0.00	44.51 4.05 0.00	43.96 3.96 0.00	46.54 3.84 0.00	42.74 3.74 0.00	47.35 4.25 -0.58	52.38 4.80 -0.47	56.42 4.88 -2.79	60.07 4.93 -2.64	59.62 4.72 0.00	61.61 4.19 0.00	65.20 3.81 0.12	68.22 3.98 0.00	80.35 4.26 0.01	88.31 5.64 0.28	92.53 5.07 0.00	84.07 3.47 0.01	73.88 2.69 5.60	64.27 1.83 5.23	60.25 3.14 0.00	57.63 3.87 0.00
WEST CANADA___HYD 24049	56.07 0.28 0.00	48.23 0.29 0.00	42.41 0.25 0.00	40.94 0.25 0.00	40.75 0.29 0.00	40.28 0.28 0.00	42.95 0.26 0.00	39.19 0.20 0.00	42.65 0.13 0.00	47.20 0.09 0.00	48.80 0.05 0.00	52.55 0.05 0.00	54.96 0.05 0.00	57.54 0.12 0.00	61.56 0.06 0.00	64.37 0.13 0.00	76.40 0.31 0.00	83.36 0.42 0.00	87.90 0.44 0.00	81.03 0.41 0.00	77.03 0.23 0.00	67.74 0.07 0.00	57.17 0.06 0.00	53.87 0.11 0.00
WESTERN_NY_WIND 24143	56.06 0.28 0.00	48.47 0.53 0.00	42.16 0.00 0.00	40.61 -0.08 0.00	39.61 -0.85 0.00	39.36 -0.64 0.00	41.50 -1.20 0.00	38.17 -0.82 0.00	41.16 -1.36 0.00	45.74 -1.37 0.00	48.56 -0.20 0.00	52.76 0.26 0.00	55.06 0.16 0.00	57.88 0.46 0.00	62.43 0.92 0.00	64.82 0.58 0.00	77.62 1.52 0.00	84.77 1.82 0.00	89.56 2.10 0.00	84.41 3.79 0.00	78.72 1.92 0.00	69.16 1.49 0.00	58.37 1.26 0.00	55.32 1.56 0.00
WESTOVER___LESR 323668	56.34 0.56 0.00	48.61 0.67 0.00	42.58 0.42 0.00	41.06 0.37 0.00	40.66 0.20 0.00	40.24 0.24 0.00	43.04 0.34 0.00	39.19 0.19 0.00	42.43 -0.09 0.00	47.05 -0.05 0.00	49.00 0.24 0.00	52.97 0.47 0.00	55.39 0.49 0.00	58.05 0.63 0.00	62.36 0.86 0.00	65.14 0.90 0.00	77.54 1.45 0.00	84.85 1.91 0.00	89.47 2.01 0.00	82.96 2.34 0.00	78.26 1.46 0.00	68.76 1.08 0.00	57.91 0.80 0.00	54.78 1.02 0.00
WETHRSFD_WT_PWR 323626	55.17 -0.61 0.00	47.75 -0.19 0.00	41.65 -0.50 0.00	40.32 -0.37 0.00	39.37 -1.09 0.00	38.96 -1.04 0.00	41.41 -1.28 0.00	37.82 -1.17 0.00	40.77 -1.75 0.00	45.50 -1.60 0.00	47.68 -1.07 0.00	51.76 -0.74 0.00	54.13 -0.77 0.00	56.79 -0.63 0.00	61.20 -0.31 0.00	63.66 -0.58 0.00	76.09 0.00 0.00	82.94 0.00 0.00	88.52 1.05 0.00	82.55 1.93 0.00	77.41 0.61 0.00	67.81 0.14 0.00	57.23 0.11 0.00	54.41 0.65 0.00
WHAVSTOR_138KV_BK127 55557	58.57 2.79 0.00	50.67 2.73 0.00	44.64 2.49 0.00	42.97 2.28 0.00	42.65 2.18 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.33 2.34 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.70 2.80 0.00	60.06 2.64 0.00	64.21 2.71 0.00	67.00 2.76 0.00	79.82 3.73 0.00	87.59 4.64 0.00	91.66 4.20 0.00	83.77 3.14 0.00	79.26 2.46 0.00	69.30 1.62 0.00	58.71 1.60 0.00	55.75 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	58.57 2.79 0.00	50.67 2.73 0.00	44.64 2.49 0.00	42.97 2.28 0.00	42.65 2.18 0.00	42.20 2.20 0.00	45.17 2.48 0.00	41.33 2.34 0.00	44.86 2.34 0.00	49.65 2.54 0.00	51.24 2.49 0.00	55.12 2.62 0.00	57.70 2.80 0.00	60.06 2.64 0.00	64.21 2.71 0.00	67.00 2.76 0.00	79.82 3.73 0.00	87.59 4.64 0.00	91.66 4.20 0.00	83.77 3.14 0.00	79.26 2.46 0.00	69.30 1.62 0.00	58.71 1.60 0.00	55.75 1.99 0.00
WHITEHAL_115KV_TB1 80871	60.02 4.24 0.00	51.59 3.64 0.00	45.40 3.25 0.00	43.66 2.97 0.00	43.38 2.91 0.00	42.88 2.88 0.00	45.68 2.99 0.00	41.61 2.61 0.00	44.90 2.38 0.00	49.46 2.36 0.00	50.56 1.80 0.00	54.23 1.73 0.00	56.60 1.70 0.00	59.49 2.07 0.00	63.66 2.15 0.00	67.00 2.76 0.00	79.90 3.80 0.00	88.42 5.47 0.00	94.63 7.17 0.00	87.39 6.77 0.00	83.40 6.60 0.00	73.09 5.41 0.00	61.39 4.28 0.00	57.63 3.87 0.00
WHITEPLN_13_KV_LOAD 356215	59.75 3.96 0.00	51.73 3.79 0.00	45.49 3.33 0.00	43.74 3.05 0.00	43.42 2.95 0.00	42.96 2.96 0.00	45.98 3.29 0.00	42.07 3.08 0.00	45.75 3.23 0.00	50.68 3.58 0.00	52.31 3.56 0.00	56.33 3.83 0.00	58.96 4.06 0.00	61.27 3.85 0.00	65.56 4.06 0.00	68.35 4.11 0.00	81.57 5.48 0.00	89.41 6.47 0.00	93.58 6.12 0.00	85.54 4.92 0.00	80.87 4.07 0.00	70.52 2.84 0.00	59.80 2.68 0.00	56.71 2.96 0.00
WM_FLOYD_69_KV_BK2 356380	60.92 5.13 0.00	52.69 4.75 0.00	46.33 4.17 0.00	44.43 3.74 0.00	43.98 3.52 0.00	43.40 3.40 0.00	45.90 3.20 0.00	42.15 3.16 0.00	46.46 3.66 -0.28	51.53 4.19 -0.24	54.38 4.24 -1.39	57.90 4.09 -1.30	58.80 3.90 0.00	60.87 3.45 0.00	64.24 2.95 0.22	67.39 3.15 0.00	79.35 3.27 0.01	87.26 4.64 0.33	91.57 4.11 0.00	83.02 2.42 0.02	72.00 1.54 6.33	62.58 0.81 5.91	59.51 2.40 0.00	56.88 3.12 0.00
WOODARD___115KV_TB2 355635	55.28 -0.50 0.00	47.56 -0.38 0.00	41.73 -0.42 0.00	40.28 -0.41 0.00	39.94 -0.53 0.00	39.48 -0.52 0.00	42.14 -0.56 0.00	38.52 -0.47 0.00	41.80 -0.72 0.00	46.30 -0.80 0.00	48.12 -0.63 0.00	51.97 -0.52 0.00	54.30 -0.60 0.00	56.96 -0.46 0.00	61.20 -0.31 0.00	63.98 -0.26 0.00	76.02 -0.08 0.00	83.19 0.25 0.00	87.72 0.26 0.00	81.10 0.48 0.00	76.80 0.00 0.00	67.47 -0.20 0.00	56.88 -0.23 0.00	53.60 -0.16 0.00
WOODMERE_69_KV_BK1 55827	61.03 5.24 0.00	52.88 4.94 0.00	46.54 4.38 0.00	44.76 4.07 0.00	44.39 3.92 0.00	43.84 3.84 0.00	46.54 3.84 0.00	42.70 3.70 0.00	51.42 4.17 -4.74	55.51 4.66 -3.74	73.86 4.63 -20.48	76.98 4.99 -19.49	59.73 4.83 0.00	62.02 4.59 0.00	65.93 4.43 0.00	68.87 4.63 0.00	81.42 5.33 0.00	89.92 6.55 -0.42	93.50 6.03 0.00	85.13 4.51 0.01	79.75 3.61 0.66	69.56 2.50 0.62	60.25 3.14 0.00	57.41 3.66 0.00
YORK___WARBASSE 23770	59.02 3.24 0.00	51.59 3.64 0.00	45.65 3.50 0.00	43.90 3.21 0.00	43.46 2.99 0.00	42.84 2.84 0.00	45.68 2.99 0.00	41.76 2.77 0.00	45.33 2.81 0.00	50.11 3.01 0.00	51.72 2.97 0.01	55.49 2.99 0.00	58.14 3.24 0.00	60.69 3.27 0.01	64.88 3.38 0.01	59.60 3.28 7.92	78.05 4.41 2.46	74.11 5.39 14.23	72.42 4.90 19.94	59.68 3.63 24.57	64.28 2.92 15.44	69.56 1.89 0.01	59.05 1.94 0.00	55.96 2.20 0.00