

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	52.44	57.20	51.78	47.43	43.60	45.63	46.26	51.57	51.51	51.33	52.80	53.19	64.19	74.96	70.00	73.27	67.57	79.66	82.11	85.48	81.21	74.53	67.91	57.99
24138	1.64	1.56	1.74	1.58	1.50	1.61	1.70	2.00	2.15	2.12	2.28	2.12	2.76	4.29	4.97	5.69	5.78	6.43	6.05	5.44	3.77	2.40	1.69	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.55	57.30	51.86	47.47	43.63	45.63	46.27	51.54	51.49	51.30	52.76	53.14	64.14	74.88	69.92	73.19	67.50	79.62	82.11	85.57	81.33	74.66	68.04	58.10
24260	1.75	1.66	1.83	1.61	1.53	1.61	1.72	1.97	2.13	2.08	2.23	2.07	2.71	4.21	4.89	5.61	5.71	6.38	6.05	5.53	3.88	2.53	1.82	2.05
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	52.55	57.30	51.86	47.47	43.63	45.63	46.27	51.54	51.49	51.30	52.76	53.14	64.14	74.88	69.92	73.19	67.50	79.62	82.11	85.57	81.33	74.66	68.04	58.10
24261	1.75	1.66	1.83	1.61	1.53	1.61	1.72	1.97	2.13	2.08	2.23	2.07	2.71	4.21	4.89	5.61	5.71	6.38	6.05	5.53	3.88	2.53	1.82	2.05
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.82	57.92	52.27	48.01	44.08	45.93	46.67	52.38	51.85	51.42	52.19	52.50	63.42	73.59	68.72	72.15	66.19	79.14	82.76	86.89	82.69	76.50	69.81	58.10
24011	2.02	2.28	2.23	2.16	1.98	1.91	2.12	2.80	2.48	2.21	1.67	1.43	1.99	2.92	3.69	4.58	4.39	5.90	6.70	6.86	5.25	4.38	3.59	2.05
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	52.89	58.12	52.48	48.25	44.31	46.03	46.82	52.67	52.09	51.57	52.33	52.53	63.47	73.74	68.95	72.45	66.54	79.71	83.38	87.56	82.95	76.92	70.21	58.18
23798	2.09	2.47	2.45	2.40	2.21	2.00	2.27	3.10	2.73	2.35	1.80	1.46	2.04	3.08	3.93	4.88	4.74	6.48	7.32	7.52	5.50	4.79	3.99	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.82	57.92	52.27	48.01	44.08	45.93	46.67	52.38	51.85	51.42	52.19	52.50	63.42	73.59	68.72	72.15	66.19	79.14	82.76	86.89	82.69	76.50	69.81	58.10
24028	2.02	2.28	2.23	2.16	1.98	1.91	2.12	2.80	2.48	2.21	1.67	1.43	1.99	2.92	3.69	4.58	4.39	5.90	6.70	6.86	5.25	4.38	3.59	2.05
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	52.04	57.03	51.60	47.47	43.52	45.28	45.80	51.48	51.12	50.69	51.66	52.01	62.49	72.42	67.35	70.19	64.77	77.54	80.60	84.42	80.72	74.62	68.51	57.20
23527	1.25	1.39	1.56	1.61	1.42	1.26	1.25	1.91	1.76	1.47	1.14	0.94	1.06	1.75	2.33	2.61	2.98	4.30	4.54	4.39	3.27	2.49	2.29	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.11	54.81	49.58	45.53	41.77	43.60	44.10	49.19	48.97	48.66	49.73	50.19	60.43	70.10	65.09	67.83	62.40	74.16	76.99	80.69	77.36	71.44	65.36	55.06
24190	-0.69	-0.83	-0.45	-0.33	-0.33	-0.42	-0.45	-0.38	-0.40	-0.56	-0.80	-0.88	-0.99	-0.57	0.07	0.25	0.61	0.92	0.93	0.66	-0.09	-0.69	-0.86	-0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.48	56.61	50.78	46.62	42.83	44.75	45.31	50.24	49.90	49.91	51.25	51.62	61.68	69.73	63.45	65.68	59.62	70.57	73.31	77.64	76.17	71.84	66.70	56.81
355683	0.68	0.96	0.75	0.76	0.73	0.72	0.77	0.67	0.54	0.69	0.73	0.55	0.25	-0.94	-1.58	-1.90	-2.17	-2.67	-2.75	-2.40	-1.27	-0.28	0.48	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.36	55.09	49.85	45.76	42.01	43.86	44.31	49.38	49.02	48.55	49.61	50.05	60.24	69.83	64.75	67.39	62.21	73.85	77.04	81.00	77.82	71.92	65.77	55.43
323833	-0.44	-0.55	-0.19	-0.09	-0.09	-0.17	-0.24	-0.20	-0.34	-0.66	-0.91	-1.02	-1.19	-0.84	-0.28	-0.18	0.42	0.61	0.98	0.96	0.38	-0.21	-0.45	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.34	55.07	49.83	45.74	41.99	43.85	44.29	49.35	48.99	48.54	49.61	50.05	60.20	69.77	64.72	67.38	62.18	73.82	76.99	80.95	77.79	71.89	65.75	55.39
323834	-0.46	-0.57	-0.20	-0.12	-0.11	-0.17	-0.26	-0.23	-0.37	-0.67	-0.92	-1.02	-1.23	-0.89	-0.30	-0.20	0.39	0.58	0.93	0.91	0.35	-0.24	-0.47	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.11	54.81	49.58	45.53	41.77	43.60	44.10	49.19	48.97	48.66	49.73	50.19	60.43	70.10	65.09	67.83	62.40	74.16	76.99	80.69	77.36	71.44	65.36	55.06
23571	-0.69	-0.83	-0.45	-0.33	-0.33	-0.42	-0.45	-0.38	-0.40	-0.56	-0.80	-0.88	-0.99	-0.57	0.07	0.25	0.61	0.92	0.93	0.66	-0.09	-0.69	-0.86	-0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.45 0.00	45.53 -0.33 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.92 0.00	76.99 0.93 0.00	80.69 0.66 0.00	77.36 -0.09 0.00	71.44 -0.69 0.00	65.36 -0.86 0.00	55.06 -0.99 0.00
ALBANY___3 23573	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.45 0.00	45.53 -0.33 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.92 0.00	76.99 0.93 0.00	80.69 0.66 0.00	77.36 -0.09 0.00	71.44 -0.69 0.00	65.36 -0.86 0.00	55.06 -0.99 0.00
ALBANY___4 23574	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.45 0.00	45.53 -0.33 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.92 0.00	76.99 0.93 0.00	80.69 0.66 0.00	77.36 -0.09 0.00	71.44 -0.69 0.00	65.36 -0.86 0.00	55.06 -0.99 0.00
ALBANY___LFGE 323615	50.79 -0.01 0.00	55.55 -0.09 0.00	50.23 0.19 0.00	46.11 0.25 0.00	42.31 0.21 0.00	44.17 0.14 0.00	44.68 0.13 0.00	49.87 0.30 0.00	49.65 0.29 0.00	49.35 0.13 0.00	50.48 -0.05 0.00	50.97 -0.10 0.00	61.42 -0.01 0.00	71.28 0.62 0.00	66.23 1.21 0.00	69.04 1.47 0.00	63.46 1.67 0.00	75.40 2.16 0.00	78.32 2.26 0.00	82.05 2.02 0.00	78.63 1.19 0.00	72.59 0.47 0.00	66.34 0.12 0.00	55.87 -0.19 0.00
ALCOA_PA_115KV_PL-6C 55860	51.81 1.01 0.00	57.00 1.36 0.00	51.13 1.09 0.00	46.93 1.07 0.00	43.12 1.02 0.00	45.06 1.04 0.00	45.65 1.10 0.00	50.68 1.11 0.00	50.33 0.97 0.00	50.32 1.11 0.00	51.63 1.10 0.00	51.94 0.87 0.00	61.96 0.53 0.00	69.96 -0.70 0.00	63.59 -1.43 0.00	65.70 -1.88 0.00	59.59 -2.21 0.00	70.59 -2.65 0.00	73.28 -2.79 0.00	77.73 -2.30 0.00	76.42 -1.02 0.00	72.35 0.22 0.00	67.22 1.00 0.00	57.28 1.23 0.00
ALCOA_RYNLDS___DRP 24188	51.81 1.01 0.00	57.00 1.36 0.00	51.13 1.09 0.00	46.93 1.07 0.00	43.12 1.02 0.00	45.06 1.04 0.00	45.65 1.10 0.00	50.68 1.11 0.00	50.33 0.97 0.00	50.32 1.11 0.00	51.63 1.10 0.00	51.94 0.87 0.00	61.96 0.53 0.00	69.96 -0.70 0.00	63.59 -1.43 0.00	65.70 -1.88 0.00	59.59 -2.21 0.00	70.59 -2.65 0.00	73.28 -2.79 0.00	77.73 -2.30 0.00	76.42 -1.02 0.00	72.35 0.22 0.00	67.22 1.00 0.00	57.28 1.23 0.00
ALCOA___DSASP 323711	51.81 1.01 0.00	57.00 1.36 0.00	51.13 1.09 0.00	46.93 1.07 0.00	43.12 1.02 0.00	45.06 1.03 0.00	45.65 1.10 0.00	50.68 1.11 0.00	50.33 0.97 0.00	50.32 1.11 0.00	51.63 1.10 0.00	51.94 0.87 0.00	61.96 0.53 0.00	69.96 -0.70 0.00	63.59 -1.43 0.00	65.70 -1.88 0.00	59.59 -2.21 0.00	70.59 -2.64 0.00	73.28 -2.78 0.00	77.73 -2.30 0.00	76.43 -1.02 0.00	72.35 0.22 0.00	67.22 1.00 0.00	57.28 1.23 0.00
ALLEGHENY___COGEN 23514	52.82 2.02 0.00	57.53 1.89 0.00	50.68 0.64 0.00	46.07 0.21 0.00	42.28 0.18 0.00	44.57 0.54 0.00	45.51 0.96 0.00	50.41 0.83 0.00	49.62 0.25 0.00	49.05 -0.17 0.00	50.88 0.35 0.00	51.80 0.73 0.00	62.92 1.06 -0.43	73.81 2.44 -0.70	67.82 2.44 -0.35	69.89 2.31 0.00	63.65 1.86 0.00	75.25 2.02 0.00	78.79 2.72 0.00	85.20 5.03 -0.13	83.35 5.44 -0.46	77.47 4.68 -0.66	69.02 2.54 -0.25	57.92 1.72 -0.15
ALTAMONT_115KV_TB 2 55880	50.85 0.05 0.00	55.63 -0.01 0.00	50.28 0.24 0.00	46.14 0.28 0.00	42.34 0.24 0.00	44.23 0.21 0.00	44.70 0.15 0.00	49.82 0.25 0.00	49.58 0.21 0.00	49.31 0.09 0.00	50.46 -0.06 0.00	50.96 -0.10 0.00	61.36 -0.07 0.00	71.18 0.51 0.00	66.02 0.99 0.00	68.79 1.21 0.00	63.26 1.47 0.00	75.07 1.84 0.00	77.97 1.91 0.00	81.75 1.72 0.00	78.47 1.03 0.00	72.55 0.42 0.00	66.38 0.16 0.00	56.03 -0.03 0.00
ALTONA_WT_PWR 323606	51.25 0.45 0.00	56.59 0.95 0.00	50.83 0.80 0.00	46.66 0.80 0.00	43.05 0.95 0.00	44.82 0.80 0.00	45.29 0.74 0.00	50.54 0.96 0.00	50.03 0.67 0.00	49.99 0.78 0.00	51.32 0.79 0.00	51.77 0.69 0.00	61.88 0.45 0.00	70.14 -0.53 0.00	63.77 -1.26 0.00	66.05 -1.53 0.00	59.98 -1.81 0.00	70.90 -2.34 0.00	73.94 -2.13 0.00	78.31 -1.72 0.00	76.54 -0.90 0.00	72.40 0.28 0.00	66.96 0.73 0.00	56.90 0.85 0.00
AMERICAN_REF_FUEL 24010	50.56 -0.24 0.00	55.30 -0.35 0.00	48.22 -1.82 0.00	43.72 -2.14 0.00	40.01 -2.09 0.00	42.31 -1.71 0.00	43.10 -1.45 0.00	47.58 -2.00 0.00	47.64 -1.72 0.00	48.29 -0.92 0.00	50.11 -0.41 0.00	51.60 0.53 0.00	62.77 1.34 0.00	73.37 2.71 0.00	68.05 3.03 0.00	70.50 2.92 0.00	63.24 1.44 0.00	74.36 1.12 0.00	76.84 0.78 0.00	80.61 0.58 0.00	78.24 0.89 0.09	73.81 1.69 0.00	66.47 0.25 0.00	56.34 0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	52.43 1.64 0.00	57.22 1.58 0.00	49.71 -0.33 0.00	45.21 -0.65 0.00	41.55 -0.55 0.00	43.79 -0.23 0.00	44.62 0.07 0.00	49.57 0.00 0.00	49.91 0.55 0.00	50.14 0.93 0.00	52.13 1.61 0.00	53.50 2.43 0.00	65.14 3.71 0.00	76.41 5.75 0.00	70.83 5.81 0.00	73.56 5.99 0.00	66.41 4.62 0.00	77.99 4.75 0.00	80.55 4.49 0.00	84.84 4.80 0.00	81.65 4.32 0.11	76.53 4.41 0.00	68.86 2.64 0.00	58.12 2.06 0.00
ARTHUR KILL_GT_1 23520	51.92 1.12 0.00	56.33 0.68 0.00	50.90 1.23 0.36	47.06 1.20 0.00	43.29 1.19 0.00	45.23 1.21 0.00	45.89 1.34 0.00	50.77 1.20 0.00	50.76 1.39 0.00	50.29 1.07 0.00	51.71 1.19 0.01	52.06 0.99 0.01	62.81 1.39 0.01	73.34 2.68 0.00	68.59 3.57 0.00	71.90 4.32 0.00	66.41 4.61 0.00	78.15 4.91 0.00	80.63 4.57 0.00	84.09 4.05 0.00	79.94 2.50 0.00	73.48 1.35 0.00	67.06 0.84 0.00	57.63 1.57 0.00
ARTHUR_KILL_2 23512	51.72 0.92 0.00	56.10 0.45 0.00	50.71 1.03 0.36	46.89 1.03 0.00	43.13 1.03 0.00	45.07 1.04 0.00	45.71 1.16 0.00	50.58 1.00 0.00	50.56 1.20 0.00	50.10 0.88 0.00	51.51 0.99 0.01	51.84 0.78 0.01	62.55 1.13 0.01	73.03 2.37 0.00	68.28 3.26 0.00	71.55 3.97 0.00	66.07 4.27 0.00	77.77 4.54 0.00	80.21 4.15 0.00	83.65 3.63 0.01	79.52 2.08 0.01	73.10 0.98 0.01	66.72 0.50 0.00	57.36 1.30 0.00
ARTHUR_KILL_3 23513	51.73 0.93 0.00	56.38 0.75 0.01	50.73 1.06 0.36	46.80 0.94 0.00	43.01 0.91 0.00	44.99 0.96 0.00	45.56 1.02 0.00	50.76 1.19 0.00	50.69 1.33 0.00	50.48 1.26 0.00	51.87 1.34 0.00	52.25 1.18 0.00	63.01 1.58 0.00	73.62 2.95 0.00	68.76 3.73 0.00	71.97 4.39 0.00	66.38 4.58 0.00	78.27 5.04 0.00	80.72 4.66 0.00	84.14 4.11 0.00	79.92 2.48 0.00	73.35 1.22 0.00	66.90 0.68 0.00	57.19 1.14 0.00

ARTHUR_KILL_COGEN 323718	51.92 1.12 0.00	56.32 0.67 0.00	50.90 1.22 0.36	47.06 1.20 0.00	43.28 1.18 0.00	45.23 1.20 0.00	45.89 1.34 0.00	50.77 1.20 0.00	50.75 1.39 0.00	50.28 1.07 0.00	51.71 1.19 0.01	52.05 0.99 0.01	62.81 1.39 0.01	73.34 2.68 0.00	68.59 3.57 0.00	71.90 4.33 0.00	66.41 4.61 0.00	78.15 4.91 0.00	80.62 4.56 0.00	84.07 4.05 0.01	79.94 2.50 0.01	73.47 1.35 0.01	67.05 0.83 0.00	57.62 1.57 0.00
ASHOKAN____ 23654	51.82 1.02 0.00	56.50 0.86 0.00	51.01 0.98 0.00	46.74 0.88 0.00	42.89 0.78 0.00	44.85 0.82 0.00	45.37 0.82 0.00	50.74 1.17 0.00	50.63 1.27 0.00	50.37 1.16 0.00	51.46 0.94 0.00	51.86 0.79 0.00	62.69 1.26 0.00	73.20 2.54 0.00	68.05 3.03 0.00	71.41 3.83 0.00	65.84 4.04 0.00	78.42 5.19 0.00	81.61 5.55 0.00	85.43 5.40 0.00	81.62 4.18 0.00	74.96 2.83 0.00	68.08 1.86 0.00	57.37 1.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.96 1.16 0.00	56.57 0.93 0.00	51.34 1.31 0.00	46.95 1.09 0.00	43.16 1.06 0.00	45.07 1.04 0.00	45.73 1.18 0.00	50.82 1.25 0.00	50.77 1.41 0.00	50.47 1.25 0.00	51.99 1.47 0.00	52.29 1.22 0.00	62.84 1.41 0.00	73.35 2.69 0.00	68.46 3.43 0.00	71.76 4.18 0.00	66.21 4.42 0.00	77.95 4.71 0.00	80.31 4.25 0.00	83.81 3.78 0.01	79.71 2.27 0.01	73.23 1.11 0.01	66.90 0.69 0.00	57.53 1.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.96 1.16 0.00	56.57 0.93 0.00	51.34 1.31 0.00	46.95 1.09 0.00	43.16 1.06 0.00	45.07 1.04 0.00	45.73 1.18 0.00	50.82 1.25 0.00	50.77 1.41 0.00	50.47 1.25 0.00	51.99 1.47 0.00	52.29 1.22 0.00	62.84 1.41 0.00	73.35 2.69 0.00	68.46 3.43 0.00	71.76 4.18 0.00	66.21 4.42 0.00	77.95 4.71 0.00	80.31 4.25 0.00	83.81 3.78 0.01	79.71 2.27 0.01	73.23 1.11 0.01	66.90 0.69 0.00	57.53 1.48 0.00
ASTORIA_GT2_1 24094	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT2_2 24095	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT2_3 24096	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT2_4 24097	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT3_1 24098	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT3_2 24099	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT3_3 24100	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT3_4 24101	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT4_1 24102	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT4_2 24103	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT4_3 24104	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00

ASTORIA_GT4_4 24105	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.98 1.12 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.73 0.00	68.51 3.49 0.00	71.80 4.23 0.00	66.24 4.45 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.86 3.83 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA_GT_1 23523	52.11 1.31 0.00	56.73 1.09 0.00	51.48 1.44 0.00	47.06 1.20 0.00	43.26 1.16 0.00	45.19 1.17 0.00	45.85 1.30 0.00	50.96 1.38 0.00	50.92 1.55 0.00	50.63 1.42 0.00	52.16 1.63 0.00	52.46 1.39 0.00	63.06 1.63 0.00	73.60 2.94 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.43 4.64 0.00	78.20 4.97 0.00	80.57 4.51 0.00	84.08 4.05 0.00	79.99 2.54 0.00	73.48 1.36 0.00	67.11 0.89 0.00	57.71 1.65 0.00
ASTORIA_GT_10 24110	51.87 1.07 0.00	56.51 0.87 0.00	51.31 1.28 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.32 0.00	52.02 1.50 0.00	52.28 1.20 0.00	62.98 1.56 0.00	73.50 2.84 0.00	68.67 3.64 0.00	71.92 4.34 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.56 4.50 0.00	83.98 3.95 0.00	79.80 2.35 0.00	73.29 1.16 0.00	66.87 0.64 0.00	57.41 1.36 0.00
ASTORIA_GT_11 24225	51.87 1.07 0.00	56.51 0.87 0.00	51.31 1.28 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.32 0.00	52.02 1.50 0.00	52.28 1.20 0.00	62.98 1.56 0.00	73.50 2.84 0.00	68.67 3.64 0.00	71.92 4.34 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.56 4.50 0.00	83.98 3.95 0.00	79.80 2.35 0.00	73.29 1.16 0.00	66.87 0.64 0.00	57.41 1.36 0.00
ASTORIA_GT_12 24226	51.87 1.07 0.00	56.51 0.87 0.00	51.31 1.28 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.32 0.00	52.02 1.50 0.00	52.28 1.20 0.00	62.98 1.56 0.00	73.50 2.84 0.00	68.67 3.64 0.00	71.92 4.34 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.56 4.50 0.00	83.98 3.95 0.00	79.80 2.35 0.00	73.29 1.16 0.00	66.87 0.64 0.00	57.41 1.36 0.00
ASTORIA_GT_13 24227	51.87 1.07 0.00	56.51 0.87 0.00	51.31 1.28 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.32 0.00	52.02 1.50 0.00	52.28 1.20 0.00	62.98 1.56 0.00	73.50 2.84 0.00	68.67 3.64 0.00	71.92 4.34 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.56 4.50 0.00	83.98 3.95 0.00	79.80 2.35 0.00	73.29 1.16 0.00	66.87 0.64 0.00	57.41 1.36 0.00
ASTORIA_GT_5 24106	52.11 1.31 0.00	56.73 1.09 0.00	51.48 1.44 0.00	47.06 1.20 0.00	43.26 1.16 0.00	45.19 1.17 0.00	45.85 1.30 0.00	50.96 1.38 0.00	50.92 1.55 0.00	50.63 1.42 0.00	52.16 1.63 0.00	52.46 1.39 0.00	63.06 1.63 0.00	73.60 2.94 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.43 4.64 0.00	78.20 4.97 0.00	80.57 4.51 0.00	84.08 4.05 0.00	79.99 2.54 0.00	73.48 1.36 0.00	67.11 0.89 0.00	57.71 1.65 0.00
ASTORIA_GT_7 24107	52.11 1.31 0.00	56.73 1.09 0.00	51.48 1.44 0.00	47.06 1.20 0.00	43.26 1.16 0.00	45.19 1.17 0.00	45.85 1.30 0.00	50.96 1.38 0.00	50.92 1.55 0.00	50.63 1.42 0.00	52.16 1.63 0.00	52.46 1.39 0.00	63.06 1.63 0.00	73.60 2.94 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.43 4.64 0.00	78.20 4.97 0.00	80.57 4.51 0.00	84.08 4.05 0.00	79.99 2.54 0.00	73.48 1.36 0.00	67.11 0.89 0.00	57.71 1.65 0.00
ASTORIA_GT_8 24108	52.11 1.31 0.00	56.73 1.09 0.00	51.48 1.44 0.00	47.06 1.20 0.00	43.26 1.16 0.00	45.19 1.17 0.00	45.85 1.30 0.00	50.96 1.38 0.00	50.92 1.55 0.00	50.63 1.42 0.00	52.16 1.63 0.00	52.46 1.39 0.00	63.06 1.63 0.00	73.60 2.94 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.43 4.64 0.00	78.20 4.97 0.00	80.57 4.51 0.00	84.08 4.05 0.00	79.99 2.54 0.00	73.48 1.36 0.00	67.11 0.89 0.00	57.71 1.65 0.00
ASTORIA___2 24149	51.99 1.19 0.00	56.60 0.96 0.00	51.38 1.34 0.00	46.97 1.11 0.00	43.17 1.07 0.00	45.09 1.07 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.43 0.00	50.49 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.72 0.00	68.51 3.49 0.00	71.79 4.21 0.00	66.23 4.44 0.00	77.99 4.75 0.00	80.36 4.30 0.00	83.85 3.83 0.01	79.76 2.32 0.01	73.28 1.16 0.01	66.94 0.72 0.00	57.56 1.51 0.00
ASTORIA___3 23516	51.99 1.19 0.00	56.59 0.95 0.00	51.38 1.34 0.00	46.97 1.11 0.00	43.17 1.07 0.00	45.09 1.07 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.43 0.00	50.49 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.72 0.00	68.51 3.49 0.00	71.79 4.21 0.00	66.23 4.44 0.00	77.99 4.75 0.00	80.35 4.29 0.00	83.84 3.82 0.01	79.76 2.32 0.01	73.28 1.16 0.01	66.94 0.72 0.00	57.56 1.51 0.00
ASTORIA___4 23517	51.99 1.19 0.00	56.60 0.95 0.00	51.38 1.35 0.00	46.97 1.12 0.00	43.17 1.07 0.00	45.10 1.07 0.00	45.76 1.21 0.00	50.85 1.27 0.00	50.80 1.44 0.00	50.50 1.28 0.00	52.03 1.50 0.00	52.32 1.25 0.00	62.88 1.45 0.00	73.39 2.72 0.00	68.51 3.49 0.00	71.80 4.22 0.00	66.23 4.44 0.00	77.98 4.75 0.00	80.36 4.30 0.00	83.85 3.82 0.00	79.77 2.33 0.00	73.29 1.16 0.00	66.95 0.73 0.00	57.57 1.51 0.00
ASTORIA___5 23518	51.87 1.07 0.00	56.50 0.86 0.00	51.31 1.27 0.00	46.96 1.11 0.00	43.16 1.06 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.31 0.00	52.03 1.50 0.00	52.27 1.20 0.00	62.98 1.55 0.00	73.50 2.84 0.00	68.67 3.64 0.00	71.93 4.35 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.55 4.49 0.00	83.97 3.94 0.01	79.79 2.35 0.01	73.28 1.16 0.01	66.86 0.64 0.00	57.41 1.35 0.00
AST_ENERGY_2_CC3 323677	51.90 1.10 0.00	56.60 0.95 0.00	51.26 1.23 0.00	46.93 1.07 0.00	43.14 1.04 0.00	45.12 1.09 0.00	45.70 1.15 0.00	50.91 1.33 0.00	50.84 1.47 0.00	50.61 1.40 0.00	52.02 1.50 0.00	52.41 1.34 0.00	63.23 1.80 0.00	73.83 3.16 0.00	68.95 3.92 0.00	72.19 4.61 0.00	66.60 4.80 0.00	78.55 5.31 0.00	81.00 4.93 0.00	84.42 4.38 0.00	80.22 2.77 0.00	73.63 1.50 0.00	67.14 0.92 0.00	57.36 1.31 0.00
AST_ENERGY_2_CC4 323678	51.90 1.10 0.00	56.60 0.95 0.00	51.26 1.23 0.00	46.93 1.07 0.00	43.14 1.04 0.00	45.12 1.09 0.00	45.70 1.15 0.00	50.91 1.33 0.00	50.84 1.47 0.00	50.61 1.40 0.00	52.02 1.50 0.00	52.41 1.34 0.00	63.23 1.80 0.00	73.83 3.16 0.00	68.95 3.92 0.00	72.19 4.61 0.00	66.60 4.80 0.00	78.55 5.31 0.00	81.00 4.93 0.00	84.42 4.38 0.00	80.22 2.77 0.00	73.63 1.50 0.00	67.14 0.92 0.00	57.36 1.31 0.00

ATHENS_STG_1 23668	50.95 0.15 0.00	55.70 0.05 0.00	50.42 0.38 0.00	46.24 0.39 0.00	42.44 0.34 0.00	44.35 0.32 0.00	44.79 0.24 0.00	49.92 0.34 0.00	49.74 0.37 0.00	49.50 0.28 0.00	50.73 0.20 0.00	51.22 0.15 0.00	61.75 0.32 0.00	71.79 1.12 0.00	66.68 1.66 0.00	69.51 1.94 0.00	64.01 2.22 0.00	75.83 2.59 0.00	78.55 2.49 0.00	82.16 2.12 0.00	78.68 1.24 0.00	72.57 0.45 0.00	66.36 0.14 0.00	56.19 0.14 0.00
ATHENS_STG_2 23670	50.95 0.15 0.00	55.70 0.05 0.00	50.42 0.38 0.00	46.24 0.39 0.00	42.44 0.34 0.00	44.35 0.32 0.00	44.79 0.24 0.00	49.92 0.34 0.00	49.74 0.37 0.00	49.50 0.28 0.00	50.73 0.20 0.00	51.22 0.15 0.00	61.75 0.32 0.00	71.79 1.12 0.00	66.68 1.66 0.00	69.51 1.94 0.00	64.01 2.22 0.00	75.83 2.59 0.00	78.55 2.49 0.00	82.16 2.12 0.00	78.68 1.24 0.00	72.57 0.45 0.00	66.36 0.14 0.00	56.19 0.14 0.00
ATHENS_STG_3 23677	50.95 0.15 0.00	55.70 0.05 0.00	50.42 0.38 0.00	46.24 0.39 0.00	42.44 0.34 0.00	44.35 0.32 0.00	44.79 0.24 0.00	49.92 0.34 0.00	49.74 0.37 0.00	49.50 0.28 0.00	50.73 0.20 0.00	51.22 0.15 0.00	61.75 0.32 0.00	71.79 1.12 0.00	66.68 1.66 0.00	69.51 1.94 0.00	64.01 2.22 0.00	75.83 2.59 0.00	78.55 2.49 0.00	82.16 2.12 0.00	78.68 1.24 0.00	72.57 0.45 0.00	66.36 0.14 0.00	56.19 0.14 0.00
AUBURN___LFGE 323710	51.41 0.57 -0.04	56.86 0.53 -0.68	50.82 0.15 -0.63	46.29 0.04 -0.39	41.98 -0.12 0.00	43.98 -0.05 0.00	44.58 0.03 0.00	49.58 -0.02 -0.01	49.44 0.07 0.00	49.27 0.03 -0.03	50.72 0.19 0.00	51.45 0.38 0.00	64.48 1.11 -1.94	75.78 1.98 -3.13	68.65 2.06 -1.56	69.55 1.97 0.00	63.58 1.79 0.00	75.37 2.13 0.00	78.54 2.48 0.00	83.44 2.81 -0.59	81.68 2.28 -1.96	77.12 2.05 -2.95	68.37 1.01 -1.14	57.32 0.62 -0.65
BABYLON_RES_REC 323704	52.27 1.47 0.00	57.64 2.00 0.00	52.17 2.13 0.00	47.60 1.74 0.00	43.78 1.68 0.00	45.91 1.88 0.00	46.38 1.82 0.00	51.49 1.91 0.00	51.66 2.30 0.00	50.96 1.75 0.00	51.88 1.35 0.00	51.77 0.70 0.00	62.30 0.87 0.00	74.97 2.94 -1.36	84.83 3.93 -15.87	86.75 4.67 -14.50	80.36 5.14 -13.43	90.70 5.75 -11.71	90.94 5.33 -9.54	97.87 4.59 -13.24	80.48 3.03 0.00	72.99 1.46 0.59	66.67 0.78 0.34	56.93 1.02 0.15
BALL_HILL_WT_PWR 323825	51.69 0.89 0.00	56.49 0.85 0.00	49.27 -0.76 0.00	44.78 -1.08 0.00	41.07 -1.03 0.00	43.28 -0.75 0.00	44.04 -0.50 0.00	48.83 -0.75 0.00	49.06 -0.31 0.00	49.38 0.16 0.00	51.28 0.75 0.00	52.68 1.60 0.00	64.36 2.93 0.00	75.43 4.77 0.00	69.92 4.90 0.00	72.58 5.00 0.00	65.46 3.66 0.00	76.94 3.70 0.00	79.51 3.45 0.00	83.57 3.54 0.00	80.50 3.16 0.11	75.52 3.39 0.00	67.90 1.68 0.00	57.41 1.35 0.00
BARON_WINDS___WT_PWR 323822	51.30 0.49 -0.01	56.22 0.39 -0.19	49.62 -0.59 -0.17	45.19 -0.78 -0.11	41.41 -0.69 0.00	43.56 -0.47 0.00	44.17 -0.38 0.00	48.84 -0.74 0.00	48.65 -0.71 0.00	48.54 -0.68 -0.01	50.21 -0.31 0.00	50.62 -0.45 0.00	60.25 -0.48 0.70	67.01 0.43 4.08	18.37 0.52 47.18	-9.26 0.61 77.45	-9.39 0.80 71.98	-9.40 0.63 83.28	51.14 0.80 25.73	82.40 2.14 -0.22	80.05 1.77 -0.84	74.31 1.06 -1.12	66.04 -0.62 -0.43	55.74 -0.57 -0.25
BARRETT_IC_1 23704	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_10 23701	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.07 4.03 -0.01	80.83 4.72 -8.53	90.63 5.02 -23.82	80.20 5.58 -1.39	81.24 5.18 0.00	84.40 4.37 0.00	80.59 3.13 -0.01	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_11 23702	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.07 4.03 -0.01	80.83 4.72 -8.53	90.63 5.02 -23.82	80.20 5.58 -1.39	81.24 5.18 0.00	84.40 4.37 0.00	80.59 3.13 -0.01	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_12 23703	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.07 4.03 -0.01	80.83 4.72 -8.53	90.63 5.02 -23.82	80.20 5.58 -1.39	81.24 5.18 0.00	84.40 4.37 0.00	80.59 3.13 -0.01	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_2 23705	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_3 23706	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_4 23707	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_5 23708	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03

BARRETT_IC_6 23709	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_7 23710	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.50 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.66 1.45 0.00	51.83 1.30 0.00	51.97 0.90 0.00	62.88 1.45 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.16 4.73 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.25 5.19 0.00	84.43 4.39 -0.01	80.61 3.13 -0.04	125.26 1.82 -51.32	125.79 1.18 -58.40	57.37 1.29 -0.02
BARRETT_IC_8 23711	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT_IC_9 23700	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.07 4.03 -0.01	80.83 4.72 -8.53	90.63 5.02 -23.82	80.20 5.58 -1.39	81.24 5.18 0.00	84.40 4.37 0.00	80.59 3.13 -0.01	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT___1 23545	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.12 4.03 -0.06	102.15 4.72 -29.85	144.19 5.02 -77.38	83.36 5.58 -4.55	81.24 5.18 0.00	84.41 4.37 -0.01	80.61 3.13 -0.04	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BARRETT___2 23546	52.05 1.25 0.00	57.20 1.56 0.00	51.70 1.67 0.00	47.23 1.37 0.00	43.41 1.31 0.00	45.49 1.47 0.00	45.85 1.30 0.00	50.85 1.28 0.00	50.97 1.61 0.00	50.67 1.45 0.00	51.81 1.29 0.00	51.98 0.91 0.00	62.89 1.46 0.00	73.82 3.16 0.00	69.07 4.03 -0.01	80.83 4.72 -8.53	90.63 5.02 -23.82	80.20 5.58 -1.39	81.24 5.18 0.00	84.40 4.37 0.00	80.59 3.13 -0.01	125.24 1.80 -51.32	125.72 1.10 -58.40	57.37 1.30 -0.03
BATAVIA__115KV_TB1 55881	52.79 1.99 0.00	57.63 1.99 0.00	50.42 0.39 0.00	45.70 -0.15 0.00	41.83 -0.27 0.00	44.20 0.17 0.00	45.04 0.49 0.00	49.97 0.40 0.00	50.07 0.71 0.00	50.51 1.30 0.00	52.11 1.59 0.00	53.56 2.49 0.00	65.06 3.63 0.00	76.08 5.41 0.00	70.62 5.60 0.00	73.10 5.52 0.00	65.86 4.07 0.00	77.83 4.60 0.00	81.02 4.96 0.00	85.48 5.45 0.00	82.79 5.34 0.00	77.55 5.42 0.00	69.63 3.41 0.00	58.69 2.64 0.00
BAYONEEC___CTG1 323682	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG10 323750	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG2 323683	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG3 323684	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG4 323685	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG5 323686	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG6 323687	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG7 323688	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00

BAYONEEC___CTG8 323689	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BAYONEEC___CTG9 323749	51.99 1.19 0.00	56.70 1.06 0.00	51.34 1.31 0.00	47.04 1.18 0.00	43.22 1.12 0.00	45.21 1.18 0.00	45.80 1.25 0.00	51.00 1.42 0.00	50.92 1.56 0.00	50.70 1.49 0.00	52.12 1.60 0.00	52.50 1.43 0.00	63.33 1.90 0.00	73.95 3.29 0.00	69.08 4.06 0.00	72.30 4.72 0.00	66.69 4.89 0.00	78.64 5.40 0.00	81.11 5.05 0.00	84.54 4.51 0.00	80.33 2.89 0.00	73.74 1.61 0.00	67.24 1.02 0.00	57.47 1.41 0.00
BEACON___LESR 323632	50.78 -0.01 0.00	55.62 -0.02 0.00	50.17 0.13 0.00	46.15 0.29 0.00	42.33 0.23 0.00	44.22 0.20 0.00	44.73 0.18 0.00	49.98 0.41 0.00	49.64 0.28 0.00	49.38 0.16 0.00	50.51 -0.02 0.00	50.98 -0.09 0.00	61.40 -0.03 0.00	71.21 0.55 0.00	66.18 1.15 0.00	69.04 1.46 0.00	63.55 1.76 0.00	75.78 2.54 0.00	78.67 2.60 0.00	82.32 2.28 0.00	78.80 1.35 0.00	72.68 0.55 0.00	66.52 0.30 0.00	55.81 -0.24 0.00
BEAVER RIVER___HYD 24048	53.69 2.87 -0.02	59.40 3.39 -0.37	53.16 2.78 -0.34	48.56 2.49 -0.21	44.45 2.35 0.00	46.61 2.59 0.00	47.32 2.77 0.00	52.55 2.97 -0.01	52.07 2.71 0.00	51.52 2.29 -0.01	52.62 2.09 0.00	52.55 1.48 0.00	64.02 1.55 -1.04	74.04 1.68 -1.69	66.93 1.06 -0.84	68.38 0.81 0.00	62.28 0.49 0.00	74.48 1.24 0.00	78.33 2.26 0.00	83.80 3.45 -0.32	82.57 4.07 -1.06	77.62 3.90 -1.59	70.76 3.92 -0.62	59.62 3.21 -0.35
BEEBEE_GT_13 23619	51.77 0.97 0.00	56.57 0.93 0.00	49.94 -0.10 0.00	45.39 -0.47 0.00	41.59 -0.51 0.00	43.73 -0.30 0.00	44.49 -0.06 0.00	49.57 -0.01 0.00	49.67 0.31 0.00	50.01 0.80 0.00	51.70 1.18 0.00	52.94 1.87 0.00	64.37 2.94 0.00	75.12 4.46 0.00	69.59 4.56 0.00	72.32 4.74 0.00	65.49 3.69 0.00	77.44 4.20 0.00	80.28 4.22 0.00	84.31 4.28 0.00	81.23 3.79 0.00	75.76 3.64 0.00	68.40 2.18 0.00	57.60 1.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.48 1.68 0.00	57.03 1.39 0.00	51.78 1.74 0.00	47.42 1.56 0.00	43.59 1.50 0.00	45.58 1.55 0.00	46.24 1.69 0.00	51.31 1.74 0.00	51.34 1.98 0.00	51.00 1.78 0.00	52.52 2.00 0.00	52.88 1.81 0.00	63.85 2.42 0.00	74.53 3.87 0.00	69.66 4.63 0.00	72.98 5.40 0.00	67.35 5.55 0.00	79.27 6.03 0.00	81.75 5.69 0.00	85.24 5.21 0.00	81.00 3.56 0.00	74.44 2.31 0.00	67.93 1.71 0.00	58.26 2.21 0.00
BETHLEHEM___GRP 23843	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.45 0.00	45.53 -0.33 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.92 0.00	76.99 0.93 0.00	80.69 0.66 0.00	77.36 -0.09 0.00	71.44 -0.69 0.00	65.36 -0.86 0.00	55.06 -0.99 0.00
BETHLEHEM___GS1 323560	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.46 0.00	45.52 -0.34 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.93 0.00	76.99 0.93 0.00	80.68 0.65 0.00	77.36 -0.09 0.00	71.43 -0.69 0.00	65.36 -0.86 0.00	55.07 -0.99 0.00
BETHLEHEM___GS2 323561	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.46 0.00	45.52 -0.34 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.93 0.00	76.99 0.93 0.00	80.68 0.65 0.00	77.36 -0.09 0.00	71.43 -0.69 0.00	65.36 -0.86 0.00	55.07 -0.99 0.00
BETHLEHEM___GS3 323562	50.11 -0.69 0.00	54.81 -0.83 0.00	49.58 -0.46 0.00	45.52 -0.34 0.00	41.77 -0.33 0.00	43.60 -0.42 0.00	44.10 -0.45 0.00	49.19 -0.38 0.00	48.97 -0.40 0.00	48.66 -0.56 0.00	49.73 -0.80 0.00	50.19 -0.88 0.00	60.43 -0.99 0.00	70.10 -0.57 0.00	65.09 0.07 0.00	67.83 0.25 0.00	62.40 0.61 0.00	74.16 0.93 0.00	76.99 0.93 0.00	80.68 0.65 0.00	77.36 -0.09 0.00	71.43 -0.69 0.00	65.36 -0.86 0.00	55.07 -0.99 0.00
BETHLEHEM___STEEL 23779	51.70 0.90 0.00	56.52 0.88 0.00	49.36 -0.68 0.00	44.76 -1.10 0.00	40.98 -1.12 0.00	43.18 -0.84 0.00	43.97 -0.58 0.00	48.71 -0.87 0.00	48.90 -0.46 0.00	49.40 0.18 0.00	51.31 0.78 0.00	52.79 1.72 0.00	64.57 3.14 0.00	75.64 4.97 0.00	70.20 5.18 0.00	72.80 5.22 0.00	65.47 3.67 0.00	76.98 3.74 0.00	79.48 3.42 0.00	83.41 3.38 0.00	80.68 3.24 0.00	75.71 3.58 0.00	68.10 1.88 0.00	57.50 1.44 0.00
BETHLHEM_115KV_TB1 79974	50.25 -0.55 0.00	54.96 -0.68 0.00	49.72 -0.31 0.00	45.64 -0.21 0.00	41.88 -0.22 0.00	43.72 -0.30 0.00	44.21 -0.34 0.00	49.31 -0.26 0.00	49.09 -0.28 0.00	48.79 -0.43 0.00	49.88 -0.64 0.00	50.35 -0.72 0.00	60.63 -0.80 0.00	70.33 -0.33 0.00	65.28 0.26 0.00	68.01 0.43 0.00	62.59 0.79 0.00	74.35 1.12 0.00	77.19 1.13 0.00	80.89 0.86 0.00	77.57 0.12 0.00	71.64 -0.49 0.00	65.53 -0.69 0.00	55.25 -0.81 0.00
BETHPAGE_CC_5 323564	51.89 1.09 0.00	57.15 1.51 0.00	51.69 1.66 0.00	47.20 1.34 0.00	43.40 1.30 0.00	45.51 1.48 0.00	45.93 1.38 0.00	51.01 1.44 0.00	51.17 1.81 0.00	50.81 1.60 0.00	51.90 1.37 0.00	51.97 0.89 0.00	62.92 1.49 0.00	74.58 3.55 -0.36	74.27 4.48 -4.77	78.33 5.28 -5.47	76.31 5.63 -8.89	82.65 6.25 -3.16	82.99 5.87 -1.06	88.84 5.09 -3.72	80.95 3.50 0.00	75.03 1.98 -0.93	68.66 1.06 -1.38	57.12 1.17 0.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.79 0.99 0.00	56.59 0.95 0.00	49.43 -0.61 0.00	44.84 -1.02 0.00	41.07 -1.03 0.00	43.27 -0.76 0.00	44.04 -0.51 0.00	48.81 -0.76 0.00	49.01 -0.35 0.00	49.50 0.29 0.00	51.44 0.91 0.00	52.93 1.86 0.00	64.74 3.31 0.00	75.85 5.18 0.00	70.40 5.37 0.00	73.02 5.44 0.00	65.69 3.89 0.00	77.21 3.98 0.00	79.72 3.66 0.00	83.68 3.65 0.00	80.87 3.42 0.00	75.84 3.71 0.00	68.20 1.98 0.00	57.57 1.52 0.00
BINGHAMTON___COGEN 23790	51.18 0.36 -0.02	56.24 0.27 -0.32	50.29 -0.05 -0.30	45.95 -0.09 -0.18	42.02 -0.08 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.55 -0.03 -0.01	49.48 0.12 0.00	49.22 -0.01 -0.01	50.68 0.15 0.00	51.35 0.28 0.00	63.24 0.87 -0.94	73.99 1.81 -1.52	67.74 1.96 -0.76	69.72 2.14 0.00	63.96 2.17 0.00	75.66 2.43 0.00	78.55 2.49 0.00	82.88 2.57 -0.29	80.16 1.77 -0.95	74.84 1.28 -1.43	67.08 0.30 -0.55	56.65 0.28 -0.31

BIXINCNT_115KV_LOAD 355685	51.80 1.00 0.00	56.64 1.00 0.00	49.64 -0.39 0.00	45.07 -0.78 0.00	41.36 -0.74 0.00	43.58 -0.45 0.00	44.38 -0.16 0.00	49.24 -0.34 0.00	49.41 0.04 0.00	49.79 0.58 0.00	51.61 1.08 0.00	52.90 1.83 0.00	64.66 3.23 0.00	75.72 5.05 0.00	70.29 5.27 0.00	72.81 5.23 0.00	65.62 3.82 0.00	76.79 3.56 0.00	79.33 3.27 0.00	83.54 3.51 0.00	80.49 3.05 0.00	75.20 3.07 0.00	67.60 1.39 0.00	57.24 1.19 0.00
BLACK RIVER___HYD 24047	54.58 3.74 -0.04	60.54 4.28 -0.62	54.11 3.49 -0.58	49.30 3.09 -0.35	45.01 2.91 0.00	47.26 3.23 0.00	48.02 3.47 0.00	53.30 3.71 -0.01	52.77 3.40 0.00	51.99 2.75 -0.02	53.06 2.53 0.00	52.97 1.91 0.00	65.38 2.20 -1.76	76.13 2.61 -2.85	68.39 1.94 -1.42	69.39 1.82 0.00	63.28 1.48 0.00	75.77 2.53 0.00	79.96 3.90 0.00	86.08 5.51 -0.54	85.36 6.13 -1.78	80.47 5.66 -2.69	72.51 5.25 -1.04	60.80 4.15 -0.60
BLACKRVR_115KV_TB2 79977	54.58 3.74 -0.04	60.54 4.27 -0.62	54.11 3.50 -0.58	49.30 3.09 -0.35	45.02 2.92 0.00	47.26 3.23 0.00	48.02 3.47 0.00	53.30 3.71 -0.01	52.77 3.40 0.00	51.99 2.75 -0.02	53.06 2.54 0.00	52.98 1.91 0.00	65.38 2.20 -1.76	76.13 2.61 -2.85	68.39 1.94 -1.42	69.39 1.82 0.00	63.28 1.48 0.00	75.77 2.53 0.00	79.96 3.89 0.00	86.08 5.51 -0.54	85.36 6.13 -1.78	80.47 5.66 -2.69	72.51 5.25 -1.04	60.80 4.15 -0.60
BLDWN_LI_69_KV_BK4 356085	52.48 1.68 0.00	57.65 2.01 0.00	52.08 2.04 0.00	47.55 1.69 0.00	43.71 1.61 0.00	45.81 1.79 0.00	46.12 1.57 0.00	51.24 1.66 0.00	51.38 2.02 0.00	51.09 1.87 0.00	52.25 1.72 0.00	52.40 1.33 0.00	63.36 1.93 0.00	74.80 4.13 0.00	70.18 5.14 -0.01	82.68 5.91 -9.18	93.49 6.24 -25.45	81.47 6.75 -1.48	82.46 6.40 0.00	85.54 5.50 0.00	81.57 4.12 -0.01	89.07 2.87 -14.07	84.47 1.97 -16.28	57.91 1.85 0.00
BLISS_WT_PWR 323608	51.76 0.96 0.00	56.60 0.96 0.00	49.62 -0.41 0.00	45.05 -0.80 0.00	41.36 -0.74 0.00	43.57 -0.45 0.00	44.38 -0.16 0.00	49.24 -0.34 0.00	49.42 0.06 0.00	49.82 0.60 0.00	51.65 1.12 0.00	52.93 1.86 0.00	64.69 3.26 0.00	75.75 5.09 0.00	70.31 5.28 0.00	72.82 5.24 0.00	65.57 3.78 0.00	76.65 3.41 0.00	79.16 3.10 0.00	83.44 3.40 0.00	80.26 2.93 0.11	75.06 2.93 0.00	67.46 1.24 0.00	57.14 1.09 0.00
BLUESTONE___WT_PWR 323821	53.57 2.75 -0.02	58.73 2.80 -0.28	52.55 2.25 -0.26	48.03 2.01 -0.16	43.99 1.89 0.00	46.17 2.15 0.00	46.73 2.17 0.00	51.70 2.12 -0.01	51.88 2.52 0.00	51.55 2.32 -0.01	52.98 2.46 0.00	53.71 2.64 0.00	65.96 3.72 -0.81	77.25 5.27 -1.32	70.67 4.99 -0.66	72.33 4.75 0.00	66.51 4.72 0.00	78.88 5.64 0.00	81.10 5.04 0.00	85.70 5.42 -0.25	83.17 4.88 -0.85	77.00 3.64 -1.24	68.69 1.99 -0.48	58.28 1.95 -0.27
BLUE_CIRC_CHEM_DRP 24182	49.79 -1.01 0.00	54.48 -1.16 0.00	49.32 -0.72 0.00	45.28 -0.58 0.00	41.56 -0.54 0.00	43.40 -0.63 0.00	43.83 -0.73 0.00	48.84 -0.73 0.00	48.54 -0.83 0.00	48.18 -1.04 0.00	49.27 -1.25 0.00	49.73 -1.34 0.00	59.85 -1.58 0.00	69.33 -1.33 0.00	64.29 -0.73 0.00	66.90 -0.67 0.00	61.64 -0.15 0.00	73.17 -0.07 0.00	76.14 0.08 0.00	79.92 -0.11 0.00	76.80 -0.64 0.00	71.01 -1.12 0.00	65.00 -1.22 0.00	54.82 -1.24 0.00
BOC_GAS_DRP 24189	50.53 -0.27 0.00	55.29 -0.35 0.00	50.01 -0.02 0.00	45.89 0.04 0.00	42.11 0.01 0.00	43.99 -0.04 0.00	44.44 -0.11 0.00	49.52 -0.05 0.00	49.32 -0.05 0.00	49.06 -0.16 0.00	50.24 -0.29 0.00	50.71 -0.36 0.00	61.09 -0.34 0.00	70.82 0.16 0.00	65.68 0.65 0.00	68.38 0.80 0.00	62.90 1.11 0.00	74.65 1.41 0.00	77.42 1.36 0.00	81.13 1.10 0.00	77.88 0.44 0.00	71.99 -0.14 0.00	65.89 -0.33 0.00	55.66 -0.40 0.00
BOONVILLE_115KV_TB1 79983	52.89 2.08 -0.01	58.14 2.32 -0.18	52.11 1.91 -0.17	47.68 1.72 -0.10	43.69 1.59 0.00	45.79 1.76 0.00	46.46 1.91 0.00	51.64 2.07 0.00	51.31 1.94 0.00	50.93 1.71 -0.01	52.17 1.64 0.00	52.50 1.43 0.00	63.74 1.80 -0.51	73.96 2.47 -0.83	67.74 2.30 -0.41	69.66 2.08 0.00	63.72 1.92 0.00	75.91 2.67 0.00	79.40 3.34 0.00	84.12 3.93 -0.16	81.85 3.89 -0.52	76.26 3.36 -0.78	69.52 2.99 -0.30	58.58 2.35 -0.17
BORALEX_4TH_BRANCH 23824	52.05 1.25 0.00	57.03 1.38 0.00	51.60 1.56 0.00	47.47 1.61 0.00	43.52 1.42 0.00	45.28 1.26 0.00	45.80 1.25 0.00	51.48 1.91 0.00	51.12 1.76 0.00	50.69 1.47 0.00	51.66 1.14 0.00	52.01 0.94 0.00	62.49 1.06 0.00	72.43 1.77 0.00	67.35 2.33 0.00	70.18 2.61 0.00	64.77 2.98 0.00	77.54 4.31 0.00	80.60 4.54 0.00	84.43 4.39 0.00	80.72 3.27 0.00	74.62 2.49 0.00	68.51 2.29 0.00	57.20 1.14 0.00
BOWLINE___1 23526	51.73 0.93 0.00	56.49 0.84 0.00	51.07 1.04 0.00	46.65 0.79 0.00	42.74 0.64 0.00	44.72 0.70 0.00	45.28 0.73 0.00	50.48 0.90 0.00	50.40 1.04 0.00	50.20 0.99 0.00	51.57 1.04 0.00	52.11 1.03 0.00	62.90 1.47 0.00	73.52 2.86 0.00	68.46 3.43 0.00	71.59 4.01 0.00	66.01 4.21 0.00	78.06 4.82 0.00	80.61 4.55 0.00	84.11 4.08 0.00	79.97 2.53 0.00	73.44 1.31 0.00	66.96 0.74 0.00	57.03 0.98 0.00
BOWLINE___2 23595	51.75 0.95 0.00	56.51 0.86 0.00	51.08 1.04 0.00	46.67 0.81 0.00	42.80 0.70 0.00	44.79 0.76 0.00	45.34 0.79 0.00	50.55 0.97 0.00	50.48 1.12 0.00	50.27 1.05 0.00	51.64 1.11 0.00	52.17 1.09 0.00	62.98 1.55 0.00	73.63 2.97 0.00	68.56 3.53 0.00	71.69 4.11 0.00	66.09 4.29 0.00	78.16 4.92 0.00	80.72 4.66 0.00	84.22 4.19 0.00	80.09 2.65 0.00	73.53 1.40 0.00	67.06 0.84 0.00	57.12 1.06 0.00
BRADY___115KV_TB2 356060	52.70 1.90 0.00	58.04 2.40 0.00	52.01 1.97 0.00	47.76 1.90 0.00	43.91 1.81 0.00	45.92 1.89 0.00	46.53 1.98 0.00	51.56 1.99 0.00	50.90 1.54 0.00	50.72 1.50 0.00	51.89 1.36 0.00	52.08 1.01 0.00	62.04 0.62 0.00	69.94 -0.73 0.00	63.46 -1.56 0.00	65.48 -2.10 0.00	59.33 -2.47 0.00	70.38 -2.86 0.00	73.18 -2.88 0.00	78.40 -1.64 0.00	77.54 0.10 0.00	73.47 1.35 0.00	68.30 2.08 0.00	58.18 2.12 0.00
BRANSCOMB___SOLAR 323811	52.43 1.63 0.00	57.40 1.76 0.00	51.82 1.78 0.00	47.59 1.73 0.00	43.65 1.55 0.00	45.56 1.53 0.00	46.19 1.64 0.00	51.69 2.12 0.00	51.27 1.90 0.00	50.85 1.64 0.00	51.73 1.21 0.00	52.08 1.01 0.00	62.82 1.39 0.00	72.81 2.14 0.00	67.82 2.79 0.00	71.30 3.72 0.00	65.43 3.63 0.00	77.94 4.71 0.00	81.32 5.26 0.00	85.44 5.41 0.00	81.66 4.22 0.00	75.50 3.37 0.00	68.98 2.76 0.00	57.70 1.65 0.00
BRDGHMPT_69_KV_BK1 55812	53.86 3.06 0.00	59.49 3.85 0.00	53.63 3.60 0.00	48.86 3.00 0.00	44.98 2.89 0.00	47.31 3.28 0.00	47.85 3.30 0.00	53.15 3.58 0.00	53.55 4.19 0.00	53.29 4.08 0.00	54.61 4.06 -0.02	54.21 3.13 0.00	65.85 4.42 0.00	98.84 7.25 -20.92	291.34 8.05 -218.27	255.25 9.06 -178.61	180.71 9.13 -109.79	261.88 10.74 -177.90	248.24 10.48 -161.70	284.86 9.78 -195.04	85.06 7.61 0.00	74.05 5.23 3.31	67.01 4.22 3.43	59.41 3.68 0.32

BRENTWOD_69_KV_W. BRTWOOD 56703	52.48 1.68 0.00	58.05 2.41 0.00	52.58 2.54 0.00	47.97 2.11 0.00	44.14 2.04 0.00	46.32 2.29 0.00	46.76 2.21 0.00	51.74 2.17 0.00	51.90 2.53 0.00	51.48 2.27 0.00	52.47 1.94 0.00	52.32 1.25 0.00	63.25 1.82 0.00	79.02 3.99 -4.36	128.45 5.02 -58.41	121.93 5.46 -48.90	95.33 5.82 -27.71	116.30 6.52 -36.54	112.66 6.08 -30.51	130.74 5.73 -44.97	81.61 4.16 0.00	71.68 2.43 2.88	64.87 1.59 2.94	57.37 1.64 0.33
BRISTLHL_115KV_TB1 79998	50.09 -0.79 -0.09	56.21 -0.91 -1.48	50.42 -0.99 -1.37	45.70 -0.99 -0.83	41.21 -0.89 0.00	43.17 -0.86 0.00	43.72 -0.83 0.00	48.66 -0.95 -0.03	48.46 -0.90 0.00	48.35 -0.92 -0.05	49.65 -0.87 0.00	50.42 -0.65 0.00	65.00 -0.59 -4.16	77.21 -0.19 -6.74	68.45 0.06 -3.37	67.78 0.20 0.00	62.02 0.23 0.00	73.55 0.32 0.00	76.49 0.43 0.00	81.73 0.42 -1.28	81.72 0.06 -4.22	78.27 -0.21 -6.35	67.93 -0.75 -2.46	56.62 -0.84 -1.41
BROOKHAVEN___DRP 24191	52.39 1.59 0.00	57.86 2.22 0.00	52.38 2.35 0.00	47.77 1.91 0.00	43.97 1.87 0.00	46.16 2.13 0.00	46.64 2.09 0.00	51.69 2.11 0.00	51.89 2.53 0.00	51.51 2.29 0.00	52.65 2.10 -0.02	52.37 1.30 0.00	63.38 1.95 0.00	95.61 4.14 -20.80	287.21 5.17 -217.01	250.49 5.94 -176.97	176.09 6.15 -108.15	256.97 7.14 -176.60	242.48 6.81 -159.61	280.08 6.13 -193.91	81.80 4.36 0.00	71.36 2.55 3.32	64.48 1.70 3.44	57.36 1.63 0.31
BROOKLYN_NAVY_YARD 23515	52.07 1.27 0.00	56.80 1.16 0.00	51.45 1.42 0.00	47.10 1.25 0.00	43.30 1.20 0.00	45.26 1.24 0.00	45.87 1.32 0.00	51.10 1.53 0.00	51.03 1.67 0.00	50.79 1.58 0.00	52.15 1.62 0.00	52.54 1.47 0.00	63.38 1.95 0.00	73.98 3.31 0.00	69.09 4.07 0.00	72.35 4.77 0.00	66.75 4.96 0.00	78.71 5.48 0.00	81.18 5.12 0.00	84.63 4.60 0.00	80.41 2.97 0.00	73.81 1.68 0.00	67.36 1.14 0.00	57.53 1.47 0.00
BROOKLYN___ARMY_DRP 323595	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
BROOME_2_LFGE 323671	51.18 0.36 -0.02	56.24 0.27 -0.32	50.29 -0.05 -0.30	45.95 -0.09 -0.18	42.02 -0.08 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.55 0.00 -0.01	49.48 0.12 0.00	49.23 0.00 -0.01	50.69 0.16 0.00	51.36 0.28 0.00	63.24 0.88 -0.94	73.98 1.81 -1.52	67.74 1.96 -0.76	69.72 2.14 0.00	63.96 2.17 0.00	75.66 2.43 0.00	78.55 2.49 0.00	82.88 2.56 -0.29	80.20 1.78 -0.98	74.84 1.28 -1.43	67.08 0.31 -0.55	56.65 0.28 -0.31
BROOME___LFGE 323600	51.18 0.36 -0.02	56.24 0.27 -0.32	50.29 -0.05 -0.30	45.95 -0.09 -0.18	42.02 -0.08 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.55 -0.03 -0.01	49.48 0.12 0.00	49.23 0.00 -0.01	50.69 0.16 0.00	51.36 0.28 0.00	63.24 0.88 -0.94	73.98 1.81 -1.52	67.74 1.96 -0.76	69.72 2.14 0.00	63.96 2.17 0.00	75.66 2.43 0.00	78.55 2.49 0.00	82.88 2.56 -0.29	80.20 1.78 -0.98	74.84 1.28 -1.43	67.08 0.31 -0.55	56.65 0.28 -0.31
BROWNFLS_115KV_TB_3_5 80003	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.01 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.93 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.48 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.56 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
BROWNSV1_27_KV_LOAD 356125	52.72 1.92 0.00	57.46 1.82 0.00	52.01 1.98 0.00	47.60 1.74 0.00	43.73 1.63 0.00	45.74 1.72 0.00	46.37 1.82 0.00	51.67 2.09 0.00	51.62 2.26 0.00	51.42 2.21 0.00	52.87 2.35 0.00	53.28 2.21 0.00	64.33 2.90 0.00	75.13 4.47 0.00	70.19 5.17 0.00	73.50 5.92 0.00	67.77 5.98 0.00	79.94 6.70 0.00	82.43 6.37 0.00	85.94 5.91 0.00	81.66 4.21 0.00	74.97 2.84 0.00	68.34 2.12 0.00	58.35 2.30 0.00
BURROWS___LYONSDAL 23803	53.06 2.24 -0.01	58.42 2.56 -0.22	52.35 2.11 -0.20	47.88 1.90 -0.12	43.87 1.77 0.00	45.99 1.96 0.00	46.65 2.10 0.00	51.85 2.28 0.00	51.49 2.13 0.00	51.07 1.85 -0.01	52.27 1.75 0.00	52.51 1.44 0.00	63.78 1.73 -0.61	73.95 2.29 -0.99	67.53 2.00 -0.50	69.34 1.77 0.00	63.36 1.57 0.00	75.59 2.35 0.00	79.18 3.12 0.00	84.04 3.82 -0.19	82.00 3.93 -0.62	76.53 3.46 -0.94	69.78 3.20 -0.36	58.81 2.55 -0.21
CAITHNESS_CC_1 323624	52.31 1.51 0.00	57.79 2.15 0.00	52.32 2.29 0.00	47.73 1.87 0.00	43.93 1.83 0.00	46.11 2.09 0.00	46.58 2.03 0.00	51.63 2.06 0.00	51.82 2.46 0.00	51.44 2.22 0.00	52.53 1.99 -0.02	52.30 1.23 0.00	63.27 1.85 0.00	95.31 3.97 -20.68	285.75 4.97 -215.76	248.62 5.71 -175.34	174.23 5.95 -106.49	255.39 6.85 -175.30	240.08 6.51 -157.51	278.64 5.82 -192.78	81.54 4.10 0.00	71.12 2.32 3.33	64.21 1.44 3.45	57.24 1.50 0.31
CALPINE BETH_PAGE_GT4 24209	51.84 1.04 0.00	57.08 1.44 0.00	51.63 1.59 0.00	47.14 1.28 0.00	43.35 1.25 0.00	45.43 1.41 0.00	45.86 1.31 0.00	50.94 1.37 0.00	51.11 1.75 0.00	50.77 1.55 0.00	51.87 1.34 0.00	51.95 0.88 0.00	62.95 1.52 0.00	74.60 3.66 -0.27	73.16 4.61 -3.53	78.50 5.41 -5.51	78.42 5.73 -10.89	82.22 6.38 -2.60	82.84 5.99 -0.79	87.98 5.19 -2.76	81.07 3.63 0.00	77.02 2.12 -2.77	70.95 1.26 -3.48	57.32 1.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.84 1.04 0.00	57.08 1.44 0.00	51.62 1.59 0.00	47.14 1.28 0.00	43.35 1.25 0.00	45.43 1.41 0.00	45.86 1.30 0.00	50.94 1.37 0.00	51.10 1.74 0.00	50.76 1.55 0.00	51.85 1.32 0.00	51.95 0.88 0.00	62.95 1.52 0.00	74.60 3.66 -0.27	73.16 4.61 -3.53	78.49 5.40 -5.51	78.42 5.73 -10.89	82.22 6.38 -2.60	82.84 5.99 -0.79	87.98 5.19 -2.76	81.07 3.63 0.00	77.00 2.10 -2.77	70.88 1.18 -3.48	57.32 1.26 0.00
CALPINE_BP_GT1 23823	51.84 1.04 0.00	57.08 1.44 0.00	51.62 1.59 0.00	47.14 1.28 0.00	43.35 1.25 0.00	45.43 1.41 0.00	45.86 1.30 0.00	50.94 1.37 0.00	51.10 1.74 0.00	50.76 1.55 0.00	51.85 1.32 0.00	51.95 0.88 0.00	62.95 1.52 0.00	74.60 3.66 -0.27	73.16 4.61 -3.53	78.49 5.40 -5.51	78.42 5.73 -10.89	82.22 6.38 -2.60	82.84 5.99 -0.79	87.98 5.19 -2.76	81.07 3.63 0.00	77.00 2.10 -2.77	70.88 1.18 -3.48	57.32 1.26 0.00
CALSPAN___DRP 24200	51.70 0.90 0.00	56.52 0.88 0.00	49.36 -0.68 0.00	44.76 -1.10 0.00	40.98 -1.12 0.00	43.18 -0.84 0.00	43.97 -0.58 0.00	48.71 -0.87 0.00	48.90 -0.46 0.00	49.40 0.18 0.00	51.31 0.78 0.00	52.79 1.72 0.00	64.57 3.14 0.00	75.64 4.97 0.00	70.20 5.18 0.00	72.80 5.22 0.00	65.47 3.67 0.00	76.98 3.74 0.00	79.48 3.42 0.00	83.41 3.38 0.00	80.68 3.24 0.00	75.71 3.58 0.00	68.10 1.88 0.00	57.50 1.44 0.00

CALVERTON___SOLAR 323806	52.55 1.75 0.00	58.04 2.40 0.00	52.49 2.46 0.00	47.88 2.02 0.00	44.07 1.97 0.00	46.27 2.24 0.00	46.76 2.21 0.00	51.82 2.25 0.00	52.04 2.67 0.00	51.68 2.47 0.00	52.83 2.29 -0.02	52.54 1.46 0.00	63.61 2.18 0.00	95.98 4.46 -20.85	288.07 5.50 -217.54	251.50 6.30 -177.62	177.07 6.51 -108.77	257.97 7.60 -177.13	243.79 7.31 -160.41	281.04 6.61 -194.39	82.23 4.79 0.00	71.69 2.88 3.32	64.72 1.93 3.43	57.61 1.87 0.32
CANDIGU_WT_PWR 323617	51.30 0.49 -0.01	56.22 0.39 -0.19	49.62 -0.59 -0.17	45.19 -0.78 -0.11	41.41 -0.69 0.00	43.56 -0.47 0.00	44.17 -0.38 0.00	48.84 -0.74 0.00	48.65 -0.71 0.00	48.54 -0.68 -0.01	50.21 -0.31 0.00	50.62 -0.45 0.00	60.25 -0.48 0.70	67.01 0.43 4.08	18.37 0.52 47.18	-9.26 0.61 77.45	-9.39 0.80 71.98	-9.40 0.63 83.28	51.14 0.80 25.73	82.40 2.14 -0.22	80.05 1.77 -0.84	74.31 1.06 -1.12	66.04 -0.62 -0.43	55.74 -0.57 -0.25
CARR STREET_E_SYR 24060	50.34 -0.49 -0.03	55.45 -0.64 -0.45	49.66 -0.79 -0.42	45.29 -0.82 -0.25	41.36 -0.74 0.00	43.32 -0.71 0.00	43.90 -0.65 0.00	48.86 -0.73 -0.01	48.70 -0.66 0.00	48.60 -0.63 -0.02	49.99 -0.54 0.00	50.75 -0.32 0.00	62.61 -0.07 -1.25	73.15 0.45 -2.03	66.78 0.73 -1.02	68.48 0.90 0.00	62.63 0.83 0.00	74.17 0.94 0.00	77.08 1.02 0.00	81.40 0.98 -0.39	79.23 0.52 -1.28	74.23 0.19 -1.92	66.52 -0.44 -0.74	55.93 -0.55 -0.42
CARTHAGE___PAPER 23857	54.42 3.59 -0.03	60.31 4.14 -0.53	53.95 3.43 -0.49	49.23 3.07 -0.30	44.98 2.89 0.00	47.20 3.17 0.00	47.94 3.39 0.00	53.22 3.64 -0.01	52.71 3.34 0.00	52.01 2.78 -0.02	53.06 2.53 0.00	52.93 1.86 0.00	64.87 1.96 -1.48	75.23 2.16 -2.40	67.72 1.50 -1.20	68.88 1.30 0.00	62.75 0.95 0.00	75.15 1.92 0.00	79.28 3.22 0.00	85.21 4.72 -0.45	84.37 5.43 -1.50	79.51 5.13 -2.26	72.04 4.94 -0.88	60.54 3.98 -0.50
CASSADAGA_WT_PWR 323784	52.72 1.92 0.00	57.53 1.89 0.00	49.99 -0.04 0.00	45.45 -0.40 0.00	41.81 -0.29 0.00	44.09 0.07 0.00	44.96 0.40 0.00	49.99 0.41 0.00	50.32 0.96 0.00	50.57 1.36 0.00	52.56 2.03 0.00	53.88 2.81 0.00	65.35 3.92 0.00	76.61 5.94 0.00	71.03 6.00 0.00	73.78 6.21 0.00	66.66 4.87 0.00	78.28 5.04 0.00	80.81 4.75 0.00	85.15 5.11 0.00	81.88 4.55 0.11	76.69 4.56 0.00	69.22 3.00 0.00	58.41 2.36 0.00
CE_DUNWOOD___DRP 24194	51.99 1.19 0.00	56.77 1.12 0.00	51.35 1.31 0.00	46.96 1.11 0.00	43.12 1.02 0.00	45.10 1.08 0.00	45.68 1.13 0.00	50.92 1.35 0.00	50.86 1.49 0.00	50.64 1.42 0.00	52.02 1.49 0.00	52.46 1.39 0.00	63.32 1.89 0.00	73.97 3.31 0.00	68.98 3.95 0.00	72.18 4.60 0.00	66.58 4.78 0.00	78.67 5.43 0.00	81.22 5.16 0.00	84.71 4.67 0.00	80.56 3.12 0.00	73.98 1.86 0.00	67.43 1.21 0.00	57.42 1.37 0.00
CE_MILLWOOD___DRP 24193	51.89 1.09 0.00	56.66 1.02 0.00	51.25 1.22 0.00	46.87 1.01 0.00	43.03 0.93 0.00	45.01 0.98 0.00	45.58 1.03 0.00	50.82 1.24 0.00	50.74 1.38 0.00	50.51 1.30 0.00	51.88 1.36 0.00	52.36 1.29 0.00	63.20 1.77 0.00	73.83 3.16 0.00	68.82 3.79 0.00	71.98 4.41 0.00	66.39 4.60 0.00	78.47 5.24 0.00	81.03 4.97 0.00	84.53 4.50 0.00	80.41 2.97 0.00	73.84 1.72 0.00	67.32 1.10 0.00	57.33 1.27 0.00
CE_NYC2_DRP 24202	51.92 1.12 0.00	56.55 0.91 0.00	51.34 1.31 0.00	46.99 1.14 0.00	43.20 1.11 0.00	45.15 1.12 0.00	45.79 1.24 0.00	50.88 1.31 0.00	50.87 1.51 0.00	50.58 1.36 0.00	52.07 1.55 0.00	52.32 1.25 0.00	63.05 1.62 0.00	73.57 2.91 0.00	68.73 3.70 0.00	71.98 4.40 0.00	66.41 4.62 0.00	78.23 4.99 0.00	80.63 4.57 0.00	84.05 4.02 0.00	79.87 2.42 0.00	73.34 1.21 0.00	66.93 0.70 0.00	57.44 1.39 0.00
CE_NYC_DRP 24195	52.13 1.34 0.00	56.86 1.21 0.00	51.47 1.43 0.00	47.12 1.27 0.00	43.31 1.21 0.00	45.30 1.27 0.00	45.91 1.36 0.00	51.14 1.56 0.00	51.07 1.71 0.00	50.88 1.67 0.00	52.30 1.78 0.00	52.69 1.62 0.00	63.58 2.15 0.00	74.26 3.60 0.00	69.35 4.33 0.00	72.61 5.03 0.00	66.96 5.16 0.00	78.96 5.72 0.00	81.41 5.35 0.00	84.85 4.82 0.00	80.62 3.18 0.00	74.02 1.89 0.00	67.48 1.26 0.00	57.63 1.58 0.00
CHAFFEE___LFGE 323603	51.75 0.95 0.00	56.55 0.90 0.00	49.40 -0.63 0.00	44.80 -1.05 0.00	41.03 -1.08 0.00	43.24 -0.78 0.00	44.00 -0.54 0.00	48.79 -0.79 0.00	48.98 -0.38 0.00	49.49 0.27 0.00	51.41 0.88 0.00	52.93 1.86 0.00	64.76 3.34 0.00	75.88 5.22 0.00	70.41 5.38 0.00	73.07 5.49 0.00	65.79 4.00 0.00	77.35 4.11 0.00	79.88 3.82 0.00	83.82 3.79 0.00	80.91 3.57 0.11	75.97 3.84 0.00	68.28 2.06 0.00	57.60 1.54 0.00
CHATEAUG_35_KV_LOAD 355732	51.34 0.54 0.00	56.67 1.03 0.00	50.81 0.78 0.00	46.63 0.77 0.00	42.99 0.89 0.00	44.82 0.80 0.00	45.36 0.81 0.00	50.52 0.95 0.00	50.01 0.65 0.00	49.99 0.77 0.00	51.33 0.81 0.00	51.73 0.66 0.00	61.82 0.39 0.00	69.91 -0.75 0.00	63.52 -1.50 0.00	65.78 -1.80 0.00	59.67 -2.13 0.00	70.55 -2.68 0.00	73.52 -2.54 0.00	78.06 -1.97 0.00	76.57 -0.87 0.00	72.36 0.23 0.00	67.04 0.82 0.00	56.99 0.93 0.00
CHATEAUG_WT_PWR 323614	51.18 0.38 0.00	56.50 0.85 0.00	50.68 0.64 0.00	46.52 0.67 0.00	42.89 0.79 0.00	44.70 0.68 0.00	45.22 0.67 0.00	50.39 0.81 0.00	49.97 0.60 0.00	49.93 0.71 0.00	51.27 0.74 0.00	51.69 0.61 0.00	61.80 0.37 0.00	69.97 -0.69 0.00	63.62 -1.40 0.00	65.89 -1.69 0.00	59.80 -1.99 0.00	70.72 -2.52 0.00	73.69 -2.37 0.00	78.07 -1.96 0.00	76.40 -1.04 0.00	72.14 0.02 0.00	66.81 0.59 0.00	56.80 0.75 0.00
CHAT_HIGH_FALL_HYD 323578	51.34 0.54 0.00	56.67 1.03 0.00	50.81 0.78 0.00	46.63 0.77 0.00	42.99 0.89 0.00	44.82 0.80 0.00	45.36 0.81 0.00	50.52 0.95 0.00	50.01 0.65 0.00	49.99 0.77 0.00	51.33 0.81 0.00	51.73 0.66 0.00	61.82 0.39 0.00	69.91 -0.75 0.00	63.52 -1.50 0.00	65.78 -1.80 0.00	59.67 -2.13 0.00	70.55 -2.68 0.00	73.52 -2.54 0.00	78.06 -1.97 0.00	76.57 -0.87 0.00	72.36 0.23 0.00	67.04 0.82 0.00	56.99 0.93 0.00
CHAUTAUQUA___LFGE 323629	52.18 1.38 0.00	56.98 1.34 0.00	49.62 -0.41 0.00	45.13 -0.73 0.00	41.44 -0.66 0.00	43.66 -0.36 0.00	44.45 -0.10 0.00	49.34 -0.24 0.00	49.61 0.25 0.00	49.81 0.60 0.00	51.77 1.24 0.00	53.13 2.06 0.00	64.84 3.41 0.00	76.08 5.41 0.00	70.46 5.44 0.00	73.19 5.61 0.00	66.12 4.33 0.00	77.67 4.43 0.00	80.28 4.22 0.00	84.50 4.47 0.00	81.27 3.94 0.11	76.19 4.07 0.00	68.50 2.28 0.00	57.91 1.86 0.00
CHERRYST_13_KV_LD 356241	52.30 1.51 0.00	57.05 1.41 0.00	51.62 1.59 0.00	47.27 1.41 0.00	43.45 1.36 0.00	45.47 1.44 0.00	46.09 1.54 0.00	51.35 1.78 0.00	51.31 1.95 0.00	51.13 1.92 0.00	52.56 2.03 0.00	52.97 1.89 0.00	63.93 2.51 0.00	74.68 4.01 0.00	69.75 4.72 0.00	73.01 5.43 0.00	67.33 5.53 0.00	79.37 6.13 0.00	81.81 5.74 0.00	85.23 5.20 0.00	80.97 3.52 0.00	74.33 2.20 0.00	67.75 1.53 0.00	57.83 1.77 0.00

CHESTROR_138KV_BK263 355645	51.84 1.04 0.00	56.59 0.95 0.00	51.10 1.07 0.00	46.70 0.84 0.00	42.84 0.75 0.00	44.83 0.80 0.00	45.36 0.81 0.00	50.57 1.00 0.00	50.48 1.12 0.00	50.27 1.05 0.00	51.62 1.09 0.00	52.12 1.05 0.00	62.92 1.49 0.00	73.47 2.81 0.00	68.35 3.33 0.00	71.45 3.87 0.00	65.85 4.06 0.00	77.97 4.73 0.00	80.61 4.55 0.00	84.20 4.17 0.00	80.18 2.74 0.00	73.68 1.55 0.00	67.18 0.96 0.00	57.12 1.07 0.00
CH_MIDHUDSON___DRP 24192	51.98 1.18 0.00	56.74 1.10 0.00	51.29 1.25 0.00	46.95 1.09 0.00	43.08 0.98 0.00	45.05 1.02 0.00	45.61 1.06 0.00	50.93 1.36 0.00	50.85 1.49 0.00	50.62 1.41 0.00	51.93 1.41 0.00	52.42 1.35 0.00	63.31 1.88 0.00	73.92 3.26 0.00	68.88 3.85 0.00	72.05 4.47 0.00	66.50 4.70 0.00	78.71 5.48 0.00	81.40 5.34 0.00	84.96 4.93 0.00	80.92 3.47 0.00	74.34 2.21 0.00	67.73 1.51 0.00	57.49 1.44 0.00
CH_MISC_IPPS 23765	52.44 1.64 0.00	57.22 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.26 0.00	45.37 1.34 0.00	45.96 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.82 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.59 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.24 0.00	85.88 5.84 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00
CH_RES_BVR_FALLS 23983	50.84 0.04 0.00	55.83 0.18 0.00	50.18 0.14 0.00	46.03 0.16 0.00	42.27 0.17 0.00	44.18 0.16 0.00	44.72 0.17 0.00	49.74 0.16 0.00	49.48 0.12 0.00	49.38 0.17 0.00	50.64 0.11 0.00	50.98 -0.09 0.00	60.98 -0.44 0.00	69.66 -1.00 0.00	63.85 -1.17 0.00	66.27 -1.31 0.00	60.44 -1.36 0.00	71.63 -1.61 0.00	74.43 -1.63 0.00	78.45 -1.58 0.00	76.31 -1.13 0.00	71.54 -0.59 0.00	66.24 0.02 0.00	56.22 0.16 0.00
CH_RES_NIAGARA 23895	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.43 0.00	41.79 -2.23 0.00	42.54 -2.01 0.00	47.10 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.73 -0.80 0.00	51.21 0.14 0.00	62.45 1.02 0.00	73.11 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.85 0.00	76.50 0.44 0.00	80.18 0.15 0.00	77.87 0.43 0.00	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
CH_RES_SYRACUSE 23985	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.02 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.48 0.91 0.00	62.64 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.28 -1.36	56.42 -0.41 -0.78
CLINTON_WT_PWR 323605	51.18 0.38 0.00	56.50 0.85 0.00	50.68 0.64 0.00	46.52 0.67 0.00	42.89 0.79 0.00	44.70 0.68 0.00	45.22 0.67 0.00	50.39 0.81 0.00	49.97 0.60 0.00	49.93 0.71 0.00	51.27 0.74 0.00	51.69 0.61 0.00	61.80 0.37 0.00	69.97 -0.69 0.00	63.62 -1.40 0.00	65.89 -1.69 0.00	59.80 -1.99 0.00	70.72 -2.52 0.00	73.69 -2.37 0.00	78.07 -1.96 0.00	76.40 -1.04 0.00	72.14 0.02 0.00	66.81 0.59 0.00	56.80 0.75 0.00
CLINTON___LFGE 323618	51.61 0.81 0.00	56.99 1.35 0.00	51.20 1.17 0.00	46.99 1.14 0.00	43.38 1.28 0.00	45.15 1.12 0.00	45.61 1.06 0.00	50.90 1.32 0.00	50.34 0.98 0.00	50.20 0.98 0.00	51.55 1.02 0.00	51.98 0.91 0.00	62.18 0.75 0.00	70.46 -0.20 0.00	64.12 -0.90 0.00	66.52 -1.06 0.00	60.34 -1.45 0.00	71.33 -1.91 0.00	74.46 -1.60 0.00	79.05 -0.98 0.00	77.25 -0.19 0.00	73.08 0.95 0.00	67.51 1.29 0.00	57.32 1.26 0.00
COBBLENY_34_KV_TB1 80064	51.75 0.95 0.00	56.54 0.90 0.00	49.41 -0.63 0.00	44.80 -1.06 0.00	41.03 -1.08 0.00	43.24 -0.79 0.00	44.01 -0.54 0.00	48.79 -0.79 0.00	48.98 -0.38 0.00	49.49 0.28 0.00	51.41 0.88 0.00	52.93 1.86 0.00	64.76 3.33 0.00	75.88 5.22 0.00	70.40 5.38 0.00	73.07 5.49 0.00	65.79 4.00 0.00	77.35 4.12 0.00	79.88 3.82 0.00	83.82 3.79 0.00	81.01 3.57 0.00	75.97 3.84 0.00	68.29 2.07 0.00	57.60 1.55 0.00
COFFEEN___115KV_TB3 355620	55.02 4.19 -0.04	61.02 4.73 -0.64	54.52 3.89 -0.60	49.64 3.42 -0.36	45.33 3.23 0.00	47.61 3.59 0.00	48.39 3.84 0.00	53.70 4.11 -0.01	53.14 3.78 0.00	52.30 3.06 -0.02	53.36 2.84 0.00	53.20 2.13 0.00	65.74 2.51 -1.81	76.56 2.96 -2.93	68.76 2.27 -1.47	69.72 2.14 0.00	63.60 1.81 0.00	76.24 3.01 0.00	80.50 4.44 0.00	86.84 6.26 -0.55	86.30 7.03 -1.83	81.42 6.53 -2.76	73.21 5.92 -1.07	61.30 4.63 -0.61
COLDSPRG_115KV_BK1 355956	52.59 1.80 0.00	57.44 1.80 0.00	50.16 0.13 0.00	45.61 -0.25 0.00	41.90 -0.20 0.00	44.19 0.17 0.00	45.09 0.54 0.00	50.13 0.56 0.00	50.35 0.99 0.00	50.60 1.39 0.00	52.47 1.95 0.00	53.71 2.64 0.00	65.06 3.63 0.00	76.22 5.56 0.00	70.62 5.60 0.00	73.31 5.73 0.00	66.37 4.57 0.00	78.02 4.78 0.00	80.65 4.59 0.00	84.89 4.86 0.00	81.49 4.05 0.00	76.11 3.98 0.00	68.94 2.72 0.00	58.27 2.22 0.00
COLONIE_LFGE___ 323577	51.65 0.85 0.00	56.52 0.87 0.00	51.08 1.04 0.00	46.93 1.07 0.00	43.03 0.93 0.00	44.89 0.87 0.00	45.44 0.89 0.00	50.86 1.28 0.00	50.52 1.16 0.00	50.18 0.97 0.00	51.24 0.72 0.00	51.66 0.59 0.00	62.21 0.78 0.00	72.14 1.47 0.00	67.03 2.01 0.00	70.00 2.42 0.00	64.38 2.58 0.00	76.71 3.47 0.00	79.73 3.67 0.00	83.61 3.58 0.00	80.05 2.60 0.00	74.02 1.89 0.00	67.74 1.52 0.00	56.83 0.77 0.00
COOPERNY_115KV_TB1 80082	51.64 0.84 0.00	56.43 0.79 0.00	50.89 0.85 0.00	46.51 0.65 0.00	42.66 0.56 0.00	44.64 0.61 0.00	45.16 0.61 0.00	50.28 0.70 0.00	50.17 0.81 0.00	49.97 0.75 0.00	51.34 0.81 0.00	51.89 0.82 0.00	62.66 1.23 0.00	72.94 2.27 0.00	67.68 2.66 0.00	70.59 3.01 0.00	64.97 3.17 0.00	76.90 3.66 0.00	79.64 3.58 0.00	83.31 3.28 0.00	79.59 2.15 0.00	73.34 1.22 0.00	66.91 0.69 0.00	56.82 0.77 0.00
COPENHAGEN_WT_PWR 323753	54.08 3.24 -0.04	60.09 3.77 -0.67	53.72 3.06 -0.63	48.92 2.69 -0.38	44.64 2.54 0.00	46.86 2.83 0.00	47.59 3.04 0.00	52.84 3.25 -0.01	52.33 2.97 0.00	51.61 2.37 -0.02	52.71 2.18 0.00	52.66 1.59 0.00	65.14 1.82 -1.90	75.93 2.20 -3.07	68.10 1.54 -1.54	68.98 1.41 0.00	62.89 1.09 0.00	75.29 2.05 0.00	79.34 3.28 0.00	85.32 4.70 -0.58	84.57 5.21 -1.92	79.77 4.75 -2.89	71.88 4.54 -1.12	60.33 3.63 -0.64
CORNELL_____ 23752	52.11 1.28 -0.03	57.31 1.22 -0.44	51.21 0.76 -0.41	46.70 0.59 -0.25	42.64 0.54 0.00	44.70 0.67 0.00	45.32 0.77 0.00	50.35 0.77 -0.01	50.11 0.75 0.00	49.71 0.48 -0.02	51.09 0.56 0.00	51.84 0.77 0.00	64.00 1.29 -1.28	74.90 2.16 -2.07	68.25 2.18 -1.04	69.92 2.34 0.00	64.10 2.31 0.00	76.21 2.98 0.00	79.56 3.50 0.00	84.46 4.03 -0.39	82.20 3.46 -1.30	76.92 2.84 -1.95	68.62 1.64 -0.76	57.70 1.22 -0.43

CORONA_69_KV_TB1 355595	52.54 1.74 0.00	57.67 2.02 0.00	52.10 2.07 0.00	47.59 1.74 0.00	43.73 1.63 0.00	45.83 1.81 0.00	46.27 1.72 0.00	51.41 1.83 0.00	51.52 2.16 0.00	51.25 2.03 0.00	52.50 1.98 0.00	52.70 1.63 0.00	63.80 2.37 0.00	74.86 4.20 0.00	70.08 5.02 -0.03	91.95 5.77 -18.60	116.81 5.89 -49.12	82.76 6.65 -2.88	82.38 6.32 0.00	85.71 5.67 0.00	81.65 4.19 -0.02	105.31 2.75 -30.44	102.81 1.86 -34.73	57.91 1.84 -0.01
CORTLAND_115KV_TB3 80093	51.48 0.65 -0.03	56.70 0.59 -0.47	50.74 0.28 -0.43	46.31 0.19 -0.26	42.28 0.17 0.00	44.30 0.27 0.00	44.89 0.33 0.00	49.92 0.34 -0.01	49.75 0.38 0.00	49.47 0.24 -0.02	50.86 0.33 0.00	51.49 0.41 0.00	63.66 0.91 -1.32	74.55 1.75 -2.14	68.00 1.91 -1.07	69.54 1.96 0.00	63.75 1.96 0.00	75.58 2.35 0.00	78.68 2.62 0.00	83.33 2.90 -0.40	81.12 2.34 -1.34	75.93 1.79 -2.01	67.87 0.87 -0.78	57.12 0.62 -0.45
COXSACKIE___GT 23611	52.53 1.73 0.00	57.35 1.71 0.00	51.74 1.71 0.00	47.49 1.64 0.00	43.55 1.45 0.00	45.53 1.50 0.00	46.11 1.56 0.00	51.58 2.00 0.00	51.29 1.92 0.00	50.58 1.37 0.00	51.40 0.87 0.00	52.12 1.05 0.00	62.61 1.18 0.00	72.68 2.02 0.00	67.65 2.63 0.00	70.50 2.92 0.00	64.56 2.77 0.00	77.49 4.25 0.00	81.15 5.09 0.00	85.85 5.81 0.00	82.54 5.10 0.00	76.09 3.96 0.00	69.18 2.96 0.00	57.94 1.88 0.00
CPV_VALLEY___CC1 323721	51.66 0.86 0.00	56.42 0.77 0.00	50.91 0.87 0.00	46.49 0.63 0.00	42.64 0.54 0.00	44.61 0.58 0.00	45.13 0.57 0.00	50.30 0.73 0.00	50.20 0.84 0.00	49.99 0.78 0.00	51.32 0.80 0.00	51.86 0.79 0.00	62.58 1.15 0.00	73.00 2.34 0.00	67.86 2.84 0.00	70.90 3.32 0.00	65.30 3.51 0.00	77.29 4.05 0.00	79.91 3.85 0.00	83.51 3.48 0.00	79.55 2.10 0.00	73.09 0.96 0.00	66.64 0.43 0.00	56.66 0.61 0.00
CPV_VALLEY___CC2 323722	51.66 0.86 0.00	56.42 0.77 0.00	50.91 0.87 0.00	46.49 0.63 0.00	42.64 0.54 0.00	44.61 0.58 0.00	45.13 0.57 0.00	50.30 0.73 0.00	50.20 0.84 0.00	49.99 0.78 0.00	51.32 0.80 0.00	51.86 0.79 0.00	62.58 1.15 0.00	73.00 2.34 0.00	67.86 2.84 0.00	70.90 3.32 0.00	65.30 3.51 0.00	77.29 4.05 0.00	79.91 3.85 0.00	83.51 3.48 0.00	79.55 2.10 0.00	73.09 0.96 0.00	66.64 0.43 0.00	56.66 0.61 0.00
CRESCENT___HYD 24018	51.65 0.85 0.00	56.52 0.87 0.00	51.08 1.04 0.00	46.93 1.07 0.00	43.03 0.93 0.00	44.89 0.87 0.00	45.44 0.89 0.00	50.86 1.28 0.00	50.52 1.16 0.00	50.18 0.97 0.00	51.24 0.72 0.00	51.66 0.59 0.00	62.21 0.78 0.00	72.14 1.47 0.00	67.03 2.01 0.00	70.00 2.42 0.00	64.38 2.58 0.00	76.71 3.47 0.00	79.73 3.67 0.00	83.61 3.58 0.00	80.05 2.60 0.00	74.02 1.89 0.00	67.74 1.52 0.00	56.83 0.77 0.00
CRICKET___VALLEY_CC1 323756	51.10 0.31 0.00	55.80 0.16 0.00	50.51 0.48 0.00	46.27 0.41 0.00	42.46 0.35 0.00	44.33 0.30 0.00	44.92 0.37 0.00	50.23 0.66 0.00	50.15 0.79 0.00	49.90 0.69 0.00	51.12 0.59 0.00	51.57 0.50 0.00	62.22 0.79 0.00	72.57 1.90 0.00	67.61 2.58 0.00	70.72 3.15 0.00	65.27 3.48 0.00	77.36 4.12 0.00	80.02 3.96 0.00	83.60 3.57 0.00	79.63 2.19 0.00	73.18 1.06 0.00	66.80 0.58 0.00	56.61 0.56 0.00
CRICKET___VALLEY_CC2 323757	51.10 0.31 0.00	55.80 0.16 0.00	50.51 0.48 0.00	46.27 0.41 0.00	42.46 0.35 0.00	44.33 0.30 0.00	44.92 0.37 0.00	50.23 0.66 0.00	50.15 0.79 0.00	49.90 0.69 0.00	51.12 0.59 0.00	51.57 0.50 0.00	62.22 0.79 0.00	72.57 1.90 0.00	67.61 2.58 0.00	70.72 3.15 0.00	65.27 3.48 0.00	77.36 4.12 0.00	80.02 3.96 0.00	83.60 3.57 0.00	79.63 2.19 0.00	73.18 1.06 0.00	66.80 0.58 0.00	56.61 0.56 0.00
CRICKET___VALLEY_CC3 323758	51.10 0.31 0.00	55.80 0.16 0.00	50.51 0.48 0.00	46.27 0.41 0.00	42.46 0.35 0.00	44.33 0.30 0.00	44.92 0.37 0.00	50.23 0.66 0.00	50.15 0.79 0.00	49.90 0.69 0.00	51.12 0.59 0.00	51.57 0.50 0.00	62.22 0.79 0.00	72.57 1.90 0.00	67.61 2.58 0.00	70.72 3.15 0.00	65.27 3.48 0.00	77.36 4.12 0.00	80.02 3.96 0.00	83.60 3.57 0.00	79.63 2.19 0.00	73.18 1.06 0.00	66.80 0.58 0.00	56.61 0.56 0.00
CRUCIBLE_METL_DRP 24180	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
DAHOWA___HYDRO 323763	52.66 1.86 0.00	57.68 2.04 0.00	52.06 2.02 0.00	47.82 1.96 0.00	43.87 1.77 0.00	45.77 1.74 0.00	46.45 1.90 0.00	52.02 2.45 0.00	51.56 2.20 0.00	51.14 1.92 0.00	51.97 1.44 0.00	52.30 1.22 0.00	63.12 1.69 0.00	73.18 2.51 0.00	68.22 3.20 0.00	71.76 4.19 0.00	65.83 4.04 0.00	78.48 5.25 0.00	82.01 5.95 0.00	86.12 6.09 0.00	82.20 4.76 0.00	75.99 3.87 0.00	69.41 3.18 0.00	57.96 1.90 0.00
DANC___LFGE 323619	52.55 1.70 -0.05	58.45 1.97 -0.84	52.33 1.51 -0.78	47.62 1.28 -0.48	43.33 1.23 0.00	45.44 1.42 0.00	46.11 1.56 0.00	51.23 1.63 -0.02	50.83 1.47 0.00	50.32 1.07 -0.03	51.48 0.95 0.00	51.71 0.63 0.00	64.60 0.79 -2.37	75.65 1.15 -3.84	67.82 0.87 -1.92	68.41 0.83 0.00	62.42 0.62 0.00	74.41 1.17 0.00	78.09 2.03 0.00	83.70 2.94 -0.73	82.98 3.14 -2.41	78.56 2.81 -3.62	70.15 2.53 -1.40	58.77 1.91 -0.80
DANSKAMMER___1 23586	52.44 1.64 0.00	57.22 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.26 0.00	45.37 1.34 0.00	45.96 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.82 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.59 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.24 0.00	85.88 5.84 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00
DANSKAMMER___2 23589	52.44 1.64 0.00	57.22 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.26 0.00	45.37 1.34 0.00	45.96 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.82 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.59 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.24 0.00	85.88 5.84 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00
DANSKAMMER___3 23590	52.44 1.64 0.00	57.22 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.26 0.00	45.37 1.34 0.00	45.96 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.82 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.59 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.24 0.00	85.88 5.84 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00

DANSKAMMER___4 23591	52.44 1.64 0.00	57.22 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.26 0.00	45.37 1.34 0.00	45.96 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.82 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.59 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.24 0.00	85.88 5.84 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00
DANSKAMMER___DIESEL 23592	52.44 1.64 0.00	57.21 1.57 0.00	51.68 1.64 0.00	47.27 1.41 0.00	43.37 1.27 0.00	45.37 1.34 0.00	45.97 1.41 0.00	51.32 1.75 0.00	51.28 1.91 0.00	51.07 1.85 0.00	52.38 1.85 0.00	52.89 1.83 0.00	63.92 2.49 0.00	74.70 4.03 0.00	69.62 4.60 0.00	72.84 5.26 0.00	67.25 5.45 0.00	79.62 6.38 0.00	82.31 6.25 0.00	85.88 5.85 0.00	81.74 4.30 0.00	75.05 2.92 0.00	68.32 2.10 0.00	57.99 1.93 0.00
DARBY___SOLAR 323810	52.41 1.61 0.00	57.40 1.76 0.00	51.81 1.77 0.00	47.59 1.73 0.00	43.65 1.55 0.00	45.55 1.52 0.00	46.19 1.64 0.00	51.69 2.11 0.00	51.27 1.90 0.00	50.85 1.64 0.00	51.73 1.21 0.00	52.05 0.98 0.00	62.80 1.37 0.00	72.81 2.14 0.00	67.83 2.81 0.00	71.28 3.70 0.00	65.40 3.61 0.00	77.97 4.73 0.00	81.38 5.32 0.00	85.48 5.45 0.00	81.64 4.20 0.00	75.50 3.37 0.00	68.98 2.76 0.00	57.69 1.63 0.00
DASHVILLE___HYD 23610	51.81 1.01 0.00	56.54 0.90 0.00	51.13 1.09 0.00	46.78 0.92 0.00	42.94 0.84 0.00	44.91 0.88 0.00	45.43 0.88 0.00	50.69 1.11 0.00	50.64 1.28 0.00	50.42 1.21 0.00	51.73 1.21 0.00	52.17 1.10 0.00	62.98 1.55 0.00	73.54 2.88 0.00	68.47 3.44 0.00	71.59 4.01 0.00	66.11 4.31 0.00	78.25 5.02 0.00	80.96 4.90 0.00	84.50 4.47 0.00	80.53 3.09 0.00	74.05 1.92 0.00	67.46 1.24 0.00	57.27 1.22 0.00
DELAWARE___LFGE 323621	51.77 0.96 -0.01	56.73 0.93 -0.16	51.15 0.98 -0.15	46.83 0.88 -0.09	42.90 0.80 0.00	44.89 0.87 0.00	45.29 0.74 0.00	50.33 0.75 0.00	50.20 0.84 0.00	50.07 0.85 -0.01	51.46 0.93 0.00	52.09 1.02 0.00	63.40 1.52 -0.45	73.85 2.45 -0.73	67.94 2.55 -0.37	70.22 2.64 0.00	64.54 2.75 0.00	76.37 3.14 0.00	79.24 3.18 0.00	83.21 3.04 -0.14	80.29 2.39 -0.46	74.50 1.69 -0.69	67.55 1.06 -0.27	57.18 0.97 -0.15
DERFIELD_115KV_TB7 355931	50.80 0.01 0.00	55.59 -0.05 0.00	50.06 0.02 0.00	45.88 0.02 0.00	42.13 0.03 0.00	44.05 0.02 0.00	44.55 0.00 0.00	49.58 0.01 0.00	49.36 0.00 0.00	49.17 -0.05 0.00	50.43 -0.09 0.00	50.98 -0.09 0.00	61.39 -0.04 0.00	70.91 0.25 0.00	65.48 0.45 0.00	68.07 0.49 0.00	62.38 0.58 0.00	73.97 0.73 0.00	76.86 0.81 0.00	80.76 0.73 0.00	77.90 0.45 0.00	72.32 0.19 0.00	66.25 0.03 0.00	56.01 -0.04 0.00
DOGLEVILLE___HYD 23807	51.85 1.05 0.00	56.51 0.87 0.00	51.03 0.99 0.00	46.88 1.03 0.00	43.11 1.02 0.00	45.04 1.01 0.00	45.44 0.89 0.00	50.43 0.85 0.00	49.59 0.23 0.00	48.96 -0.25 0.00	49.73 -0.80 0.00	50.32 -0.75 0.00	61.07 -0.35 0.00	71.32 0.66 0.00	67.20 2.18 0.00	69.96 2.38 0.00	64.64 2.85 0.00	77.05 3.81 0.00	80.83 4.77 0.00	85.31 5.28 0.00	81.41 3.96 0.00	74.64 2.51 0.00	67.84 1.62 0.00	56.74 0.69 0.00
DUNKIRK___115KV_TB_200 55889	52.06 1.26 0.00	56.88 1.23 0.00	49.54 -0.49 0.00	45.06 -0.80 0.00	41.36 -0.74 0.00	43.58 -0.45 0.00	44.36 -0.19 0.00	49.23 -0.34 0.00	49.50 0.13 0.00	49.69 0.48 0.00	51.64 1.11 0.00	53.01 1.94 0.00	64.72 3.29 0.00	75.95 5.28 0.00	70.33 5.31 0.00	73.06 5.48 0.00	66.00 4.20 0.00	77.54 4.31 0.00	80.14 4.08 0.00	84.32 4.29 0.00	81.22 3.78 0.00	76.03 3.91 0.00	68.36 2.14 0.00	57.81 1.75 0.00
DUNKIRK___1 23563	52.06 1.26 0.00	56.88 1.23 0.00	49.54 -0.49 0.00	45.06 -0.80 0.00	41.36 -0.74 0.00	43.58 -0.45 0.00	44.36 -0.19 0.00	49.23 -0.34 0.00	49.50 0.13 0.00	49.69 0.48 0.00	51.64 1.11 0.00	53.01 1.94 0.00	64.72 3.29 0.00	75.95 5.28 0.00	70.33 5.31 0.00	73.06 5.48 0.00	66.00 4.20 0.00	77.54 4.31 0.00	80.14 4.08 0.00	84.32 4.29 0.00	81.22 3.78 0.00	76.03 3.91 0.00	68.36 2.14 0.00	57.81 1.75 0.00
DUNKIRK___2 23564	52.06 1.26 0.00	56.88 1.23 0.00	49.54 -0.49 0.00	45.06 -0.80 0.00	41.36 -0.74 0.00	43.58 -0.45 0.00	44.36 -0.19 0.00	49.23 -0.34 0.00	49.50 0.13 0.00	49.69 0.48 0.00	51.64 1.11 0.00	53.01 1.94 0.00	64.72 3.29 0.00	75.95 5.28 0.00	70.33 5.31 0.00	73.06 5.48 0.00	66.00 4.20 0.00	77.54 4.31 0.00	80.14 4.08 0.00	84.32 4.29 0.00	81.22 3.78 0.00	76.03 3.91 0.00	68.36 2.14 0.00	57.81 1.75 0.00
DUNKIRK___3 23565	51.75 0.95 0.00	56.56 0.91 0.00	49.33 -0.70 0.00	44.86 -1.00 0.00	41.15 -0.95 0.00	43.35 -0.67 0.00	44.11 -0.44 0.00	48.93 -0.65 0.00	49.16 -0.20 0.00	49.42 0.21 0.00	51.33 0.81 0.00	52.69 1.62 0.00	64.37 2.94 0.00	75.49 4.83 0.00	69.94 4.92 0.00	72.62 5.04 0.00	65.58 3.78 0.00	77.08 3.85 0.00	79.66 3.59 0.00	83.75 3.72 0.00	80.70 3.25 0.00	75.55 3.43 0.00	67.94 1.72 0.00	57.47 1.41 0.00
DUNKIRK___4 23566	51.75 0.95 0.00	56.56 0.91 0.00	49.33 -0.70 0.00	44.86 -1.00 0.00	41.15 -0.95 0.00	43.35 -0.67 0.00	44.11 -0.44 0.00	48.93 -0.65 0.00	49.16 -0.20 0.00	49.42 0.21 0.00	51.33 0.81 0.00	52.69 1.62 0.00	64.37 2.94 0.00	75.49 4.83 0.00	69.94 4.92 0.00	72.62 5.04 0.00	65.58 3.78 0.00	77.08 3.85 0.00	79.66 3.59 0.00	83.75 3.72 0.00	80.70 3.25 0.00	75.55 3.43 0.00	67.94 1.72 0.00	57.47 1.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.08 1.28 0.00	56.87 1.23 0.00	51.45 1.42 0.00	47.08 1.22 0.00	43.22 1.12 0.00	45.22 1.19 0.00	45.79 1.24 0.00	51.04 1.47 0.00	50.98 1.62 0.00	50.74 1.53 0.00	52.13 1.61 0.00	52.56 1.49 0.00	63.44 2.01 0.00	74.09 3.42 0.00	69.11 4.09 0.00	72.33 4.75 0.00	66.71 4.92 0.00	78.81 5.58 0.00	81.34 5.28 0.00	84.84 4.81 0.00	80.67 3.23 0.00	74.07 1.94 0.00	67.52 1.30 0.00	57.54 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.13 1.33 0.00	56.91 1.26 0.00	51.37 1.34 0.00	46.95 1.09 0.00	43.07 0.98 0.00	45.07 1.04 0.00	45.65 1.09 0.00	50.90 1.33 0.00	50.84 1.47 0.00	50.62 1.41 0.00	51.95 1.43 0.00	52.46 1.39 0.00	63.37 1.94 0.00	74.05 3.38 0.00	68.95 3.93 0.00	72.10 4.52 0.00	66.53 4.73 0.00	78.77 5.54 0.00	81.42 5.36 0.00	85.01 4.98 0.00	80.93 3.48 0.00	74.32 2.20 0.00	67.71 1.48 0.00	57.53 1.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.98 1.18 0.00	56.61 0.96 0.00	51.37 1.33 0.00	46.96 1.11 0.00	43.18 1.08 0.00	45.10 1.08 0.00	45.78 1.23 0.00	50.89 1.31 0.00	50.85 1.48 0.00	50.57 1.35 0.00	52.07 1.55 0.00	52.35 1.28 0.00	63.01 1.58 0.00	73.61 2.95 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.41 4.62 0.00	78.21 4.97 0.00	80.61 4.55 0.00	84.12 4.09 0.00	79.98 2.54 0.00	73.49 1.37 0.00	67.09 0.87 0.00	57.59 1.53 0.00

E179THST_13_KV_LOAD 356214	52.31 1.52 0.00	56.97 1.33 0.00	51.68 1.64 0.00	47.26 1.40 0.00	43.44 1.34 0.00	45.38 1.35 0.00	46.07 1.52 0.00	51.22 1.65 0.00	51.17 1.81 0.00	50.91 1.69 0.00	52.44 1.91 0.00	52.74 1.67 0.00	63.48 2.05 0.00	74.16 3.50 0.00	69.23 4.20 0.00	72.54 4.96 0.00	66.92 5.13 0.00	78.81 5.58 0.00	81.23 5.17 0.00	84.78 4.75 0.00	80.60 3.16 0.00	74.06 1.93 0.00	67.59 1.37 0.00	58.02 1.97 0.00
EAST HAMPTON___GT 23717	54.53 3.73 0.00	60.33 4.69 0.00	54.22 4.19 0.00	49.33 3.47 0.00	45.45 3.35 0.00	47.88 3.86 0.00	48.49 3.94 0.00	53.94 4.37 0.00	54.42 5.06 0.00	54.13 4.91 0.00	55.34 4.79 -0.02	54.73 3.66 0.00	66.60 5.17 0.00	99.75 8.16 -20.92	292.19 8.86 -218.31	256.20 9.96 -178.67	181.66 10.01 -109.86	263.03 11.85 -177.94	249.46 11.63 -161.78	286.05 10.94 -195.08	86.05 8.60 0.00	74.82 6.00 3.31	67.96 5.17 3.43	60.33 4.59 0.32
EAST RIVER___6 23660	52.15 1.35 0.00	56.86 1.22 0.00	51.47 1.43 0.00	47.09 1.23 0.00	43.31 1.21 0.00	45.30 1.27 0.00	45.93 1.38 0.00	51.14 1.56 0.00	51.11 1.74 0.00	50.93 1.72 0.00	52.35 1.82 0.00	52.81 1.74 0.00	63.69 2.26 0.00	74.37 3.70 0.00	69.47 4.45 0.00	72.75 5.17 0.00	67.09 5.29 0.00	79.04 5.81 0.00	81.45 5.39 0.00	84.94 4.90 0.00	80.72 3.28 0.00	74.12 2.00 0.00	67.57 1.34 0.00	57.65 1.60 0.00
EAST RIVER___7 23524	52.15 1.35 0.00	56.86 1.22 0.00	51.47 1.43 0.00	47.09 1.23 0.00	43.31 1.21 0.00	45.30 1.27 0.00	45.93 1.38 0.00	51.14 1.56 0.00	51.11 1.74 0.00	50.93 1.72 0.00	52.35 1.82 0.00	52.81 1.74 0.00	63.69 2.26 0.00	74.37 3.70 0.00	69.47 4.45 0.00	72.75 5.17 0.00	67.09 5.29 0.00	79.04 5.81 0.00	81.45 5.39 0.00	84.94 4.90 0.00	80.72 3.28 0.00	74.12 2.00 0.00	67.57 1.34 0.00	57.65 1.60 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.99 1.19 0.00	56.77 1.12 0.00	51.35 1.31 0.00	46.96 1.11 0.00	43.12 1.02 0.00	45.10 1.08 0.00	45.68 1.13 0.00	50.92 1.35 0.00	50.86 1.49 0.00	50.64 1.42 0.00	52.02 1.49 0.00	52.46 1.39 0.00	63.32 1.89 0.00	73.97 3.31 0.00	68.98 3.95 0.00	72.18 4.60 0.00	66.58 4.78 0.00	78.67 5.43 0.00	81.22 5.16 0.00	84.71 4.67 0.00	80.56 3.12 0.00	73.98 1.86 0.00	67.43 1.21 0.00	57.42 1.37 0.00
EAST_HAMPTON___DIESEL 23722	54.50 3.70 0.00	60.33 4.69 0.00	54.20 4.17 0.00	49.31 3.45 0.00	45.43 3.33 0.00	47.87 3.85 0.00	48.48 3.93 0.00	53.94 4.37 0.00	54.42 5.06 0.00	54.14 4.93 0.00	55.39 4.84 -0.02	54.80 3.73 0.00	66.66 5.23 0.00	99.84 8.25 -20.92	292.26 8.93 -218.30	256.26 10.02 -178.66	181.72 10.07 -109.85	263.11 11.93 -177.94	249.54 11.71 -161.77	286.14 11.04 -195.08	86.13 8.68 0.00	74.93 6.11 3.31	68.01 5.21 3.43	60.38 4.64 0.32
EAST_POINT___SOLAR 323840	53.99 3.19 0.00	58.97 3.33 0.00	52.88 2.84 0.00	48.35 2.49 0.00	44.41 2.31 0.00	46.61 2.58 0.00	47.24 2.69 0.00	51.21 1.64 0.00	49.56 0.20 0.00	49.12 -0.09 0.00	50.37 -0.15 0.00	51.10 0.03 0.00	61.77 0.34 0.00	71.23 0.57 0.00	66.23 1.21 0.00	68.67 1.09 0.00	62.46 0.66 0.00	74.71 1.48 0.00	79.62 3.56 0.00	86.05 6.02 0.00	83.68 6.23 0.00	77.56 5.43 0.00	70.70 4.49 0.00	59.83 3.77 0.00
EAST_PULASKI___ESR 323781	50.98 0.11 -0.07	57.02 0.14 -1.24	51.10 -0.08 -1.15	46.39 -0.17 -0.70	41.98 -0.12 0.00	44.00 -0.03 0.00	44.60 0.05 0.00	49.60 0.00 -0.03	49.29 -0.07 0.00	48.98 -0.28 -0.04	50.20 -0.33 0.00	50.72 -0.35 0.00	64.65 -0.27 -3.49	76.38 0.05 -5.66	67.99 0.14 -2.83	67.78 0.20 0.00	61.91 0.11 0.00	73.56 0.32 0.00	76.83 0.77 0.00	82.28 1.17 -1.07	82.07 1.08 -3.54	78.31 0.85 -5.34	68.73 0.44 -2.07	57.39 0.15 -1.18
EAST_RIVER___1 323558	52.13 1.33 0.00	56.86 1.21 0.00	51.47 1.43 0.00	47.13 1.27 0.00	43.31 1.21 0.00	45.30 1.27 0.00	45.91 1.36 0.00	51.14 1.57 0.00	51.07 1.71 0.00	50.88 1.66 0.00	52.30 1.78 0.00	52.69 1.62 0.00	63.59 2.16 0.00	74.26 3.60 0.00	69.35 4.33 0.00	72.61 5.03 0.00	66.95 5.16 0.00	78.96 5.73 0.00	81.41 5.35 0.00	84.85 4.82 0.00	80.62 3.18 0.00	74.02 1.89 0.00	67.48 1.26 0.00	57.63 1.58 0.00
EAST_RIVER___2 323559	52.15 1.35 0.00	56.86 1.22 0.00	51.47 1.43 0.00	47.09 1.23 0.00	43.31 1.21 0.00	45.30 1.27 0.00	45.93 1.38 0.00	51.14 1.56 0.00	51.11 1.74 0.00	50.93 1.72 0.00	52.35 1.82 0.00	52.81 1.74 0.00	63.69 2.26 0.00	74.37 3.70 0.00	69.47 4.45 0.00	72.75 5.17 0.00	67.09 5.29 0.00	79.04 5.81 0.00	81.45 5.39 0.00	84.94 4.90 0.00	80.72 3.28 0.00	74.12 2.00 0.00	67.57 1.34 0.00	57.65 1.60 0.00
EAST___DELAWARE_HYD 23607	51.59 0.79 0.00	56.27 0.63 0.00	50.74 0.70 0.00	46.36 0.50 0.00	42.53 0.43 0.00	44.51 0.49 0.00	45.07 0.52 0.00	50.27 0.70 0.00	50.20 0.84 0.00	49.99 0.77 0.00	51.35 0.82 0.00	51.76 0.68 0.00	62.60 1.18 0.00	73.22 2.56 0.00	67.89 2.87 0.00	69.51 1.93 0.00	64.34 2.54 0.00	76.18 2.94 0.00	79.00 2.94 0.00	82.51 2.47 0.00	78.80 1.36 0.00	73.99 1.87 0.00	67.37 1.15 0.00	57.11 1.06 0.00
EIGHT_POINT___WT_PWR 323820	52.01 1.20 -0.01	56.93 1.10 -0.19	50.11 -0.10 -0.18	45.51 -0.45 -0.11	41.71 -0.39 0.00	44.03 0.00 0.00	44.69 0.14 0.00	49.35 -0.23 0.00	49.10 -0.26 0.00	48.91 -0.31 -0.01	50.63 0.10 0.00	51.08 0.00 0.00	62.19 0.11 -0.65	72.85 1.14 -1.05	66.62 1.07 -0.52	68.76 1.18 0.00	63.15 1.36 0.00	74.64 1.40 0.00	77.50 1.44 0.00	83.13 2.90 -0.20	80.74 2.60 -0.69	74.73 1.62 -0.99	66.24 -0.36 -0.38	55.91 -0.37 -0.22
ELBRIDGE_115KV_TB2 80188	50.46 -0.39 -0.05	56.00 -0.50 -0.86	50.14 -0.70 -0.80	45.64 -0.70 -0.48	41.40 -0.70 0.00	43.37 -0.66 0.00	43.94 -0.61 0.00	48.88 -0.71 -0.02	48.71 -0.65 0.00	48.59 -0.66 -0.03	49.96 -0.57 0.00	50.70 -0.37 0.00	63.82 -0.04 -2.43	75.13 0.54 -3.93	67.73 0.74 -1.96	68.37 0.79 0.00	62.53 0.74 0.00	74.10 0.86 0.00	77.06 1.00 0.00	81.83 1.05 -0.74	80.50 0.60 -2.46	76.20 0.38 -3.70	67.34 -0.31 -1.43	56.45 -0.42 -0.82
ELEC_TRO_TEK 24086	52.09 1.29 0.00	57.20 1.56 0.00	51.71 1.67 0.00	47.24 1.38 0.00	43.43 1.33 0.00	45.50 1.48 0.00	45.94 1.39 0.00	51.06 1.49 0.00	51.16 1.80 0.00	50.87 1.65 0.00	52.08 1.55 0.00	52.26 1.19 0.00	63.22 1.79 0.00	74.26 3.59 0.00	69.46 4.43 -0.01	80.77 5.15 -8.04	89.80 5.42 -22.59	80.62 6.07 -1.31	81.78 5.72 0.00	85.06 5.02 0.00	80.97 3.52 -0.01	85.62 2.08 -11.41	80.75 1.30 -13.23	57.44 1.39 0.00
ELLENBURG_WT_PWR 323604	51.18 0.38 0.00	56.50 0.85 0.00	50.68 0.64 0.00	46.52 0.67 0.00	42.89 0.79 0.00	44.70 0.68 0.00	45.22 0.67 0.00	50.39 0.81 0.00	49.97 0.60 0.00	49.93 0.71 0.00	51.27 0.74 0.00	51.69 0.61 0.00	61.80 0.37 0.00	69.97 -0.69 0.00	63.62 -1.40 0.00	65.89 -1.69 0.00	59.80 -1.99 0.00	70.72 -2.52 0.00	73.69 -2.37 0.00	78.07 -1.96 0.00	76.40 -1.04 0.00	72.14 0.02 0.00	66.81 0.59 0.00	56.80 0.75 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	51.46 0.66 0.00	56.27 0.63 0.00	49.14 -0.89 0.00	44.56 -1.30 0.00	40.81 -1.30 0.00	43.00 -1.03 0.00	43.78 -0.77 0.00	48.50 -1.08 0.00	48.67 -0.69 0.00	49.20 -0.01 0.00	51.09 0.56 0.00	52.58 1.50 0.00	64.21 2.79 0.00	75.21 4.54 0.00	69.79 4.76 0.00	72.36 4.78 0.00	65.05 3.26 0.00	76.50 3.26 0.00	79.01 2.95 0.00	82.91 2.88 0.00	80.22 2.77 0.00	75.32 3.20 0.00	67.78 1.57 0.00	57.24 1.19 0.00
EMPIRE_CC_1 323656	50.54 -0.26 0.00	55.30 -0.34 0.00	50.06 0.02 0.00	46.02 0.16 0.00	42.21 0.11 0.00	44.00 -0.03 0.00	44.51 -0.05 0.00	49.79 0.22 0.00	49.48 0.11 0.00	49.16 -0.05 0.00	50.19 -0.34 0.00	50.60 -0.47 0.00	60.89 -0.54 0.00	70.62 -0.04 0.00	65.59 0.57 0.00	68.37 0.80 0.00	62.93 1.14 0.00	74.99 1.75 0.00	77.84 1.79 0.00	81.54 1.51 0.00	78.06 0.62 0.00	72.14 0.01 0.00	66.10 -0.12 0.00	55.56 -0.49 0.00
EMPIRE_CC_2 323658	50.54 -0.26 0.00	55.30 -0.34 0.00	50.06 0.02 0.00	46.02 0.16 0.00	42.21 0.11 0.00	44.00 -0.03 0.00	44.51 -0.05 0.00	49.79 0.22 0.00	49.48 0.11 0.00	49.16 -0.05 0.00	50.19 -0.34 0.00	50.60 -0.47 0.00	60.89 -0.54 0.00	70.62 -0.04 0.00	65.59 0.57 0.00	68.37 0.80 0.00	62.93 1.14 0.00	74.99 1.75 0.00	77.84 1.79 0.00	81.54 1.51 0.00	78.06 0.62 0.00	72.14 0.01 0.00	66.10 -0.12 0.00	55.56 -0.49 0.00
ENORWICH_115KV_TB1 80156	54.59 3.78 -0.02	59.84 3.86 -0.34	53.40 3.06 -0.31	48.82 2.77 -0.19	44.73 2.63 0.00	47.00 2.98 0.00	47.71 3.16 0.00	52.94 3.36 -0.01	52.75 3.39 0.00	52.13 2.90 -0.01	53.58 3.05 0.00	54.36 3.29 0.00	66.95 4.55 -0.97	78.70 6.47 -1.57	71.39 5.58 -0.78	73.39 5.82 0.00	67.48 5.69 0.00	80.10 6.86 0.00	83.58 7.52 0.00	88.75 8.42 -0.30	85.83 7.40 -0.98	79.74 6.14 -1.48	71.12 4.33 -0.57	59.95 3.56 -0.33
ERIE_ST__34_KV_TB1-2 80199	51.85 1.05 0.00	56.64 1.00 0.00	49.48 -0.56 0.00	44.89 -0.97 0.00	41.08 -1.01 0.00	43.31 -0.72 0.00	44.09 -0.46 0.00	48.89 -0.68 0.00	49.13 -0.23 0.00	49.63 0.42 0.00	51.60 1.07 0.00	53.06 2.00 0.00	64.91 3.48 0.00	76.10 5.43 0.00	70.64 5.61 0.00	73.30 5.72 0.00	65.98 4.18 0.00	77.59 4.36 0.00	80.10 4.04 0.00	84.03 3.99 0.00	81.10 3.66 0.00	75.93 3.80 0.00	68.26 2.04 0.00	57.58 1.52 0.00
ERIE_WT_PWR 323693	51.73 0.93 0.00	56.54 0.89 0.00	49.37 -0.66 0.00	44.79 -1.07 0.00	41.02 -1.08 0.00	43.22 -0.81 0.00	43.99 -0.56 0.00	48.74 -0.83 0.00	48.92 -0.44 0.00	49.41 0.19 0.00	51.33 0.81 0.00	52.80 1.73 0.00	64.58 3.15 0.00	75.65 4.99 0.00	70.21 5.19 0.00	72.82 5.25 0.00	65.48 3.69 0.00	77.00 3.76 0.00	79.52 3.46 0.00	83.47 3.44 0.00	80.65 3.30 0.10	75.76 3.64 0.00	68.14 1.92 0.00	57.51 1.45 0.00
ESPRGFLD_115KV_TB1 80157	53.18 2.38 0.00	58.11 2.46 0.00	52.10 2.06 0.00	47.61 1.76 0.00	43.70 1.60 0.00	45.87 1.85 0.00	46.48 1.93 0.00	51.40 1.82 0.00	51.03 1.67 0.00	50.91 1.69 0.00	52.48 1.96 0.00	53.24 2.17 0.00	64.37 2.94 0.00	74.39 3.73 0.00	68.28 3.26 0.00	70.70 3.12 0.00	64.64 2.85 0.00	76.54 3.31 0.00	79.83 3.77 0.00	84.28 4.24 0.00	81.53 4.09 0.00	75.72 3.59 0.00	69.06 2.84 0.00	58.74 2.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.96 1.13 -0.03	57.19 1.09 -0.46	51.11 0.65 -0.43	46.62 0.51 -0.26	42.56 0.46 0.00	44.61 0.59 0.00	45.23 0.68 0.00	50.25 0.67 -0.01	50.02 0.65 0.00	49.64 0.40 -0.02	51.01 0.48 0.00	51.76 0.69 0.00	63.94 1.19 -1.32	74.88 2.08 -2.14	68.21 2.12 -1.07	69.83 2.25 0.00	64.02 2.23 0.00	76.05 2.81 0.00	79.34 3.28 0.00	84.22 3.78 -0.40	81.97 3.19 -1.34	76.75 2.61 -2.01	68.46 1.46 -0.78	57.58 1.08 -0.44
ETNA____115KV_TB2 80207	51.96 1.13 -0.03	57.19 1.09 -0.46	51.11 0.65 -0.43	46.62 0.51 -0.26	42.56 0.46 0.00	44.61 0.59 0.00	45.23 0.68 0.00	50.25 0.67 -0.01	50.02 0.65 0.00	49.64 0.40 -0.02	51.01 0.48 0.00	51.76 0.69 0.00	63.94 1.19 -1.32	74.88 2.08 -2.14	68.21 2.12 -1.07	69.83 2.25 0.00	64.02 2.23 0.00	76.05 2.81 0.00	79.34 3.28 0.00	84.22 3.78 -0.40	81.97 3.19 -1.34	76.75 2.61 -2.01	68.46 1.46 -0.78	57.58 1.08 -0.44
EUCLID__115KV_TB2 356179	50.15 -0.67 -0.02	55.20 -0.82 -0.38	49.45 -0.93 -0.35	45.12 -0.95 -0.21	41.23 -0.87 0.00	43.18 -0.85 0.00	43.76 -0.79 0.00	48.69 -0.90 -0.01	48.53 -0.83 0.00	48.43 -0.80 -0.01	49.78 -0.74 0.00	50.53 -0.54 0.00	62.14 -0.35 -1.07	72.48 0.08 -1.73	66.26 0.37 -0.86	68.08 0.50 0.00	62.26 0.47 0.00	73.75 0.52 0.00	76.64 0.58 0.00	80.88 0.52 -0.33	78.65 0.13 -1.08	73.62 -0.14 -1.63	66.18 -0.67 -0.63	55.68 -0.74 -0.36
E_CANADA_CAP_HY 24051	53.42 2.63 0.00	58.43 2.79 0.00	52.37 2.34 0.00	47.86 2.01 0.00	43.94 1.84 0.00	46.12 2.09 0.00	46.78 2.23 0.00	51.54 1.97 0.00	50.73 1.36 0.00	50.52 1.31 0.00	51.94 1.41 0.00	52.63 1.56 0.00	63.57 2.14 0.00	73.20 2.54 0.00	67.41 2.39 0.00	69.79 2.22 0.00	63.53 1.74 0.00	75.49 2.26 0.00	79.22 3.16 0.00	84.20 4.16 0.00	81.79 4.35 0.00	76.06 3.93 0.00	69.59 3.36 0.00	59.16 3.11 0.00
E_CANADA_MHWK_HY 24050	51.85 1.05 0.00	56.51 0.87 0.00	51.02 0.99 0.00	46.88 1.03 0.00	43.11 1.01 0.00	45.04 1.01 0.00	45.44 0.89 0.00	50.43 0.85 0.00	49.59 0.23 0.00	48.96 -0.25 0.00	49.73 -0.80 0.00	50.32 -0.75 0.00	61.08 -0.35 0.00	71.32 0.66 0.00	67.20 2.18 0.00	69.96 2.38 0.00	64.64 2.85 0.00	77.05 3.81 0.00	80.83 4.77 0.00	85.31 5.28 0.00	81.41 3.97 0.00	74.64 2.51 0.00	67.84 1.62 0.00	56.74 0.69 0.00
E_FISHKILL__LBMP 23776	51.62 0.82 0.00	56.37 0.73 0.00	50.99 0.96 0.00	46.68 0.82 0.00	42.85 0.75 0.00	44.79 0.76 0.00	45.34 0.79 0.00	50.58 1.00 0.00	50.49 1.13 0.00	50.24 1.03 0.00	51.57 1.04 0.00	52.01 0.94 0.00	62.76 1.33 0.00	73.20 2.54 0.00	68.20 3.17 0.00	71.31 3.73 0.00	65.76 3.97 0.00	77.79 4.55 0.00	80.41 4.35 0.00	83.95 3.92 0.00	79.96 2.52 0.00	73.49 1.36 0.00	67.05 0.83 0.00	57.01 0.95 0.00
FALCON__SEABRD_CC1 323796	51.16 0.36 0.00	56.54 0.90 0.00	50.91 0.87 0.00	46.74 0.87 0.00	43.16 1.06 0.00	44.89 0.86 0.00	45.24 0.70 0.00	50.53 0.96 0.00	49.97 0.61 0.00	49.90 0.69 0.00	51.23 0.70 0.00	51.67 0.59 0.00	61.80 0.37 0.00	70.06 -0.60 0.00	63.69 -1.34 0.00	66.02 -1.56 0.00	59.96 -1.83 0.00	70.86 -2.37 0.00	73.94 -2.12 0.00	78.30 -1.73 0.00	76.45 -1.00 0.00	72.38 0.26 0.00	66.88 0.66 0.00	56.79 0.74 0.00
FALCON__SEABRD_CC2 323797	51.16 0.36 0.00	56.54 0.90 0.00	50.91 0.87 0.00	46.74 0.87 0.00	43.16 1.06 0.00	44.89 0.86 0.00	45.24 0.70 0.00	50.53 0.96 0.00	49.97 0.61 0.00	49.90 0.69 0.00	51.23 0.70 0.00	51.67 0.59 0.00	61.80 0.37 0.00	70.06 -0.60 0.00	63.69 -1.34 0.00	66.02 -1.56 0.00	59.96 -1.83 0.00	70.86 -2.37 0.00	73.94 -2.12 0.00	78.30 -1.73 0.00	76.45 -1.00 0.00	72.38 0.26 0.00	66.88 0.66 0.00	56.79 0.74 0.00

FAR ROCKAWAY___4 23548	53.07 2.27 0.00	58.24 2.60 0.00	52.58 2.54 0.00	48.03 2.17 0.00	44.13 2.03 0.00	46.26 2.23 0.00	46.72 2.17 0.00	51.93 2.36 0.00	52.09 2.72 0.00	51.84 2.63 0.00	53.10 2.57 0.00	53.31 2.24 0.00	64.63 3.20 0.00	75.64 4.97 0.00	70.86 5.80 -0.04	93.96 6.59 -19.80	120.22 6.30 -52.13	83.39 7.10 -3.06	82.83 6.78 0.00	86.15 6.12 0.00	82.09 4.62 -0.02	108.00 3.28 -32.58	105.69 2.29 -37.17	58.27 2.20 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.15 1.35 0.00	56.88 1.24 0.00	51.49 1.46 0.00	47.15 1.30 0.00	43.34 1.24 0.00	45.33 1.30 0.00	45.92 1.37 0.00	51.16 1.59 0.00	51.11 1.75 0.00	50.89 1.68 0.00	52.31 1.78 0.00	52.69 1.62 0.00	63.59 2.16 0.00	74.26 3.59 0.00	69.34 4.32 0.00	72.61 5.03 0.00	66.95 5.15 0.00	78.97 5.73 0.00	81.43 5.37 0.00	84.87 4.84 0.00	80.65 3.21 0.00	74.04 1.91 0.00	67.51 1.29 0.00	57.65 1.60 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.18 1.38 0.00	56.91 1.26 0.00	51.52 1.48 0.00	47.17 1.31 0.00	43.35 1.25 0.00	45.34 1.31 0.00	45.95 1.39 0.00	51.17 1.60 0.00	51.11 1.75 0.00	50.89 1.68 0.00	52.31 1.78 0.00	52.70 1.63 0.00	63.60 2.17 0.00	74.26 3.60 0.00	69.35 4.33 0.00	72.61 5.03 0.00	66.97 5.17 0.00	78.99 5.75 0.00	81.46 5.40 0.00	84.90 4.87 0.00	80.69 3.25 0.00	74.07 1.94 0.00	67.53 1.31 0.00	57.69 1.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.10 1.30 0.00	56.83 1.19 0.00	51.46 1.43 0.00	47.11 1.25 0.00	43.31 1.20 0.00	45.30 1.27 0.00	45.90 1.35 0.00	51.13 1.56 0.00	51.06 1.70 0.00	50.85 1.63 0.00	52.28 1.75 0.00	52.65 1.58 0.00	63.54 2.11 0.00	74.19 3.53 0.00	69.28 4.25 0.00	72.53 4.95 0.00	66.88 5.09 0.00	78.89 5.65 0.00	81.35 5.29 0.00	84.79 4.75 0.00	80.56 3.12 0.00	73.95 1.82 0.00	67.44 1.22 0.00	57.60 1.54 0.00
FARRAGUT___LBMP 323566	52.06 1.26 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.08 1.22 0.00	43.27 1.16 0.00	45.25 1.22 0.00	45.85 1.30 0.00	51.06 1.49 0.00	51.00 1.64 0.00	50.79 1.58 0.00	52.20 1.68 0.00	52.58 1.51 0.00	63.43 2.01 0.00	74.07 3.41 0.00	69.19 4.16 0.00	72.42 4.84 0.00	66.80 5.01 0.00	78.77 5.54 0.00	81.24 5.18 0.00	84.69 4.66 0.00	80.47 3.03 0.00	73.87 1.74 0.00	67.36 1.14 0.00	57.54 1.49 0.00
FENNER___WINDPWR 24204	52.12 1.30 -0.02	57.33 1.34 -0.36	51.35 0.98 -0.33	46.92 0.86 -0.20	42.89 0.79 0.00	44.97 0.94 0.00	45.58 1.03 0.00	50.68 1.10 -0.01	50.47 1.11 0.00	50.18 0.95 -0.01	51.50 0.97 0.00	52.05 0.98 0.00	63.93 1.49 -1.01	74.61 2.31 -1.63	68.24 2.40 -0.82	69.84 2.26 0.00	64.06 2.26 0.00	76.12 2.88 0.00	79.25 3.19 0.00	83.92 3.58 -0.31	81.67 3.21 -1.02	76.27 2.60 -1.54	68.65 1.84 -0.59	57.76 1.37 -0.34
FIBERTEK___ENERGY 23856	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
FITZPATRICK___ 23598	49.03 -1.49 0.27	49.41 -1.67 4.56	44.15 -1.64 4.24	41.71 -1.58 2.57	40.67 -1.43 0.00	42.54 -1.47 0.02	43.12 -1.43 0.00	47.84 -1.64 0.10	47.77 -1.59 0.00	47.49 -1.57 0.16	48.99 -1.53 0.00	49.68 -1.40 0.00	47.06 -1.52 12.85	48.48 -1.38 20.80	53.57 -1.06 10.40	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.94 -1.13 0.00	74.84 -1.25 3.94	62.94 -1.48 13.03	51.00 -1.53 19.60	56.82 -1.80 7.60	50.09 -1.63 4.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.54 1.74 0.00	57.31 1.67 0.00	51.77 1.74 0.00	47.35 1.49 0.00	43.45 1.35 0.00	45.45 1.42 0.00	46.06 1.50 0.00	51.43 1.85 0.00	51.40 2.03 0.00	51.22 2.00 0.00	52.53 2.00 0.00	53.05 1.98 0.00	64.12 2.70 0.00	74.90 4.24 0.00	69.83 4.81 0.00	73.05 5.47 0.00	67.45 5.65 0.00	79.87 6.64 0.00	82.55 6.49 0.00	86.12 6.09 0.00	81.97 4.52 0.00	75.26 3.13 0.00	68.48 2.26 0.00	58.11 2.06 0.00
FORT ORANGE___ 23900	50.60 -0.20 0.00	55.35 -0.29 0.00	50.06 0.03 0.00	45.96 0.10 0.00	42.16 0.06 0.00	44.00 -0.03 0.00	44.37 -0.18 0.00	49.38 -0.20 0.00	49.09 -0.27 0.00	48.75 -0.46 0.00	49.73 -0.80 0.00	50.13 -0.94 0.00	60.33 -1.10 0.00	70.00 -0.67 0.00	64.98 -0.04 0.00	67.73 0.16 0.00	62.37 0.57 0.00	74.32 1.08 0.00	77.20 1.14 0.00	81.05 1.02 0.00	77.73 0.29 0.00	71.73 -0.39 0.00	65.64 -0.58 0.00	55.26 -0.79 0.00
FORT_DRUM_COGEN 23780	54.52 3.68 -0.04	60.47 4.22 -0.61	54.05 3.46 -0.56	49.25 3.05 -0.34	44.97 2.88 0.00	47.22 3.19 0.00	47.98 3.43 0.00	53.25 3.67 -0.01	52.72 3.36 0.00	51.95 2.72 -0.02	53.04 2.52 0.00	52.95 1.88 0.00	65.30 2.17 -1.71	76.00 2.57 -2.76	68.29 1.89 -1.38	69.34 1.77 0.00	63.23 1.43 0.00	75.70 2.47 0.00	79.85 3.79 0.00	85.94 5.38 -0.52	85.19 6.01 -1.73	80.29 5.56 -2.61	72.41 5.18 -1.01	60.72 4.09 -0.58
FOX_HILLS___ESR 323835	51.93 1.13 0.00	56.39 0.75 0.00	50.91 1.23 0.36	47.02 1.16 0.00	43.24 1.14 0.00	45.19 1.17 0.00	45.83 1.28 0.00	50.79 1.21 0.00	50.79 1.43 0.00	50.37 1.15 0.00	51.82 1.30 0.00	52.17 1.09 0.00	62.94 1.51 0.00	73.46 2.79 0.00	68.67 3.64 0.00	71.95 4.37 0.00	66.41 4.62 0.00	78.18 4.94 0.00	80.63 4.57 0.00	84.07 4.04 0.00	79.93 2.49 0.00	73.48 1.35 0.00	67.07 0.85 0.00	57.59 1.53 0.00
FPL_FAR_ROCK_GT1 24212	53.07 2.27 0.00	58.24 2.59 0.00	52.58 2.54 0.00	48.03 2.17 0.00	44.13 2.03 0.00	46.26 2.23 0.00	46.72 2.17 0.00	51.93 2.36 0.00	52.09 2.72 0.00	51.84 2.62 0.00	53.09 2.56 0.00	53.31 2.24 0.00	64.63 3.20 0.00	75.63 4.97 0.00	70.86 5.80 -0.04	93.97 6.59 -19.80	120.22 6.30 -52.13	83.39 7.10 -3.06	82.84 6.77 0.00	86.15 6.12 0.00	82.09 4.62 -0.02	107.97 3.26 -32.58	105.61 2.21 -37.17	58.27 2.20 -0.01
FPL_FAR_ROCK_GT2 23815	53.07 2.27 0.00	58.24 2.59 0.00	52.58 2.54 0.00	48.03 2.17 0.00	44.13 2.03 0.00	46.26 2.23 0.00	46.72 2.17 0.00	51.93 2.36 0.00	52.09 2.72 0.00	51.84 2.62 0.00	53.09 2.56 0.00	53.31 2.24 0.00	64.63 3.20 0.00	75.63 4.97 0.00	70.86 5.80 -0.04	93.97 6.59 -19.80	120.22 6.30 -52.13	83.39 7.10 -3.06	82.84 6.77 0.00	86.15 6.12 0.00	82.09 4.62 -0.02	107.97 3.26 -32.58	105.61 2.21 -37.17	58.27 2.20 -0.01
FRANKLIN_FALL_HYD 24054	52.13 1.33 0.00	57.50 1.86 0.00	51.51 1.47 0.00	47.27 1.41 0.00	43.54 1.44 0.00	45.43 1.41 0.00	46.06 1.51 0.00	51.24 1.67 0.00	50.80 1.43 0.00	50.78 1.57 0.00	52.07 1.55 0.00	52.38 1.31 0.00	62.48 1.06 0.00	70.56 -0.11 0.00	64.06 -0.97 0.00	66.35 -1.22 0.00	60.15 -1.65 0.00	71.19 -2.05 0.00	74.27 -1.79 0.00	78.94 -1.10 0.00	77.50 0.06 0.00	73.27 1.14 0.00	67.92 1.70 0.00	57.75 1.69 0.00

FREPORT_EQUUS_GT1 23764	52.46 1.66 0.00	57.62 1.98 0.00	52.07 2.03 0.00	47.54 1.69 0.00	43.70 1.60 0.00	45.81 1.78 0.00	46.08 1.53 0.00	51.21 1.64 0.00	51.37 2.01 0.00	51.07 1.86 0.00	52.22 1.70 0.00	52.37 1.30 0.00	63.27 1.84 0.00	74.80 4.13 0.00	70.24 5.20 -0.01	80.22 6.01 -6.63	87.15 6.31 -19.04	81.15 6.81 -1.10	82.52 6.46 0.00	85.50 5.47 0.00	81.53 4.09 -0.01	84.44 2.84 -9.47	79.16 1.86 -11.08	57.88 1.82 0.00
FREEPORT___CT2 23818	52.46 1.66 0.00	57.62 1.98 0.00	52.07 2.03 0.00	47.54 1.69 0.00	43.70 1.60 0.00	45.81 1.78 0.00	46.08 1.53 0.00	51.21 1.64 0.00	51.37 2.01 0.00	51.07 1.86 0.00	52.22 1.70 0.00	52.37 1.30 0.00	63.27 1.84 0.00	74.80 4.13 0.00	70.24 5.20 -0.01	80.22 6.01 -6.63	87.15 6.31 -19.04	81.15 6.81 -1.10	82.52 6.46 0.00	85.50 5.47 0.00	81.53 4.09 -0.01	84.44 2.84 -9.47	79.16 1.86 -11.08	57.88 1.82 0.00
FRESHKLS_33_KV_LOAD 356253	51.92 1.12 0.00	56.33 0.68 0.00	50.90 1.23 0.36	47.06 1.20 0.00	43.29 1.19 0.00	45.23 1.21 0.00	45.89 1.34 0.00	50.77 1.20 0.00	50.76 1.39 0.00	50.29 1.07 0.00	51.71 1.19 0.01	52.06 0.99 0.01	62.81 1.39 0.01	73.34 2.68 0.00	68.59 3.57 0.00	71.90 4.32 0.00	66.41 4.61 0.00	78.15 4.91 0.00	80.63 4.57 0.00	84.09 4.05 0.00	79.94 2.50 0.00	73.48 1.35 0.00	67.06 0.84 0.00	57.63 1.57 0.00
FULTON COGEN____ 23766	50.09 -0.79 -0.09	56.21 -0.91 -1.48	50.42 -0.99 -1.37	45.70 -0.99 -0.83	41.21 -0.89 0.00	43.17 -0.86 0.00	43.72 -0.83 0.00	48.66 -0.95 -0.03	48.46 -0.90 0.00	48.35 -0.92 -0.05	49.65 -0.87 0.00	50.42 -0.65 0.00	65.00 -0.59 -4.16	77.21 -0.19 -6.74	68.45 0.06 -3.37	67.78 0.20 0.00	62.02 0.23 0.00	73.55 0.32 0.00	76.49 0.43 0.00	81.73 0.42 -1.28	81.72 0.06 -4.22	78.27 -0.21 -6.35	67.93 -0.75 -2.46	56.62 -0.84 -1.41
FULTON___LFGFE 323630	53.58 2.78 0.00	58.54 2.90 0.00	52.57 2.53 0.00	48.08 2.23 0.00	44.15 2.05 0.00	46.28 2.25 0.00	46.92 2.37 0.00	51.63 2.06 0.00	50.44 1.08 0.00	50.02 0.80 0.00	51.12 0.60 0.00	51.78 0.71 0.00	62.86 1.43 0.00	72.52 1.85 0.00	67.98 2.96 0.00	70.25 2.67 0.00	64.03 2.24 0.00	76.21 2.97 0.00	80.39 4.33 0.00	85.51 5.47 0.00	82.86 5.42 0.00	76.78 4.65 0.00	70.08 3.86 0.00	59.27 3.21 0.00
G.F.CEMENT___DRP 24184	52.82 2.02 0.00	57.92 2.28 0.00	52.27 2.23 0.00	48.01 2.16 0.00	44.08 1.98 0.00	45.93 1.91 0.00	46.67 2.12 0.00	52.38 2.80 0.00	51.85 2.48 0.00	51.42 2.21 0.00	52.19 1.67 0.00	52.50 1.43 0.00	63.42 1.99 0.00	73.59 2.92 0.00	68.72 3.69 0.00	72.15 4.58 0.00	66.19 4.39 0.00	79.14 5.90 0.00	82.76 6.70 0.00	86.89 6.86 0.00	82.69 5.25 0.00	76.50 4.38 0.00	69.81 3.59 0.00	58.10 2.05 0.00
GARDENVILLE___LBMP 24039	51.56 0.76 0.00	56.36 0.72 0.00	49.23 -0.81 0.00	44.65 -1.21 0.00	40.89 -1.21 0.00	43.11 -0.92 0.00	43.88 -0.67 0.00	48.60 -0.97 0.00	48.78 -0.59 0.00	49.26 0.04 0.00	51.15 0.62 0.00	52.62 1.55 0.00	64.31 2.88 0.00	75.35 4.68 0.00	69.90 4.87 0.00	72.49 4.92 0.00	65.20 3.41 0.00	76.69 3.45 0.00	79.20 3.14 0.00	83.15 3.12 0.00	80.40 2.95 0.00	75.46 3.33 0.00	67.89 1.67 0.00	57.34 1.28 0.00
GARDNVLA_35_KV_LD 355827	51.82 1.03 0.00	56.64 1.00 0.00	49.46 -0.57 0.00	44.84 -1.02 0.00	41.06 -1.04 0.00	43.26 -0.77 0.00	44.03 -0.52 0.00	48.80 -0.78 0.00	49.00 -0.36 0.00	49.51 0.30 0.00	51.46 0.93 0.00	52.98 1.91 0.00	64.81 3.38 0.00	75.94 5.28 0.00	70.51 5.48 0.00	73.12 5.54 0.00	65.73 3.93 0.00	77.27 4.04 0.00	79.79 3.73 0.00	83.72 3.69 0.00	80.97 3.52 0.00	75.98 3.85 0.00	68.31 2.08 0.00	57.64 1.58 0.00
GELCKHM___115KV_LOAD 80723	50.26 -0.57 -0.03	55.46 -0.71 -0.53	49.69 -0.84 -0.50	45.31 -0.85 -0.30	41.31 -0.79 0.00	43.27 -0.75 0.00	43.85 -0.70 0.00	48.79 -0.80 -0.01	48.63 -0.73 0.00	48.53 -0.71 -0.02	49.87 -0.66 0.00	50.63 -0.44 0.00	62.70 -0.22 -1.49	73.34 0.25 -2.43	66.75 0.51 -1.22	68.22 0.64 0.00	62.39 0.59 0.00	73.94 0.70 0.00	76.85 0.79 0.00	81.24 0.75 -0.46	79.31 0.34 -1.52	74.46 0.04 -2.29	66.56 -0.55 -0.89	55.94 -0.62 -0.51
GENERAL___MILLS 23808	51.70 0.90 0.00	56.52 0.88 0.00	49.36 -0.68 0.00	44.76 -1.10 0.00	40.98 -1.12 0.00	43.18 -0.84 0.00	43.97 -0.58 0.00	48.71 -0.87 0.00	48.90 -0.46 0.00	49.40 0.18 0.00	51.31 0.78 0.00	52.79 1.72 0.00	64.57 3.14 0.00	75.64 4.97 0.00	70.20 5.18 0.00	72.80 5.22 0.00	65.47 3.67 0.00	76.98 3.74 0.00	79.48 3.42 0.00	83.41 3.38 0.00	80.68 3.24 0.00	75.71 3.58 0.00	68.10 1.88 0.00	57.50 1.44 0.00
GE_PLASTICS___DRP 24183	50.15 -0.65 0.00	54.87 -0.77 0.00	49.64 -0.40 0.00	45.56 -0.29 0.00	41.81 -0.29 0.00	43.66 -0.37 0.00	44.12 -0.43 0.00	49.19 -0.39 0.00	48.96 -0.40 0.00	48.66 -0.55 0.00	49.78 -0.75 0.00	50.25 -0.82 0.00	60.50 -0.93 0.00	70.17 -0.49 0.00	65.11 0.08 0.00	67.81 0.23 0.00	62.39 0.59 0.00	74.10 0.86 0.00	76.90 0.84 0.00	80.62 0.59 0.00	77.36 -0.09 0.00	71.48 -0.65 0.00	65.40 -0.82 0.00	55.18 -0.88 0.00
GILBOA___1 23756	51.03 0.23 0.00	55.84 0.19 0.00	50.71 0.68 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.70 0.67 0.00	44.91 0.36 0.00	49.91 0.34 0.00	49.72 0.36 0.00	49.48 0.27 0.00	50.74 0.21 0.00	51.26 0.19 0.00	61.80 0.37 0.00	71.76 1.10 0.00	66.51 1.49 0.00	69.08 1.50 0.00	63.61 1.81 0.00	75.25 2.01 0.00	78.01 1.95 0.00	81.60 1.57 0.00	78.51 1.07 0.00	72.63 0.50 0.00	66.46 0.23 0.00	56.24 0.19 0.00
GILBOA___2 23757	51.03 0.23 0.00	55.84 0.19 0.00	50.71 0.68 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.70 0.67 0.00	44.91 0.36 0.00	49.91 0.34 0.00	49.72 0.36 0.00	49.48 0.27 0.00	50.74 0.21 0.00	51.26 0.19 0.00	61.80 0.37 0.00	71.76 1.10 0.00	66.51 1.49 0.00	69.08 1.50 0.00	63.61 1.81 0.00	75.25 2.01 0.00	78.01 1.95 0.00	81.60 1.57 0.00	78.51 1.07 0.00	72.63 0.50 0.00	66.46 0.23 0.00	56.24 0.19 0.00
GILBOA___3 23758	51.03 0.23 0.00	55.84 0.19 0.00	50.71 0.68 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.70 0.67 0.00	44.91 0.36 0.00	49.91 0.34 0.00	49.72 0.36 0.00	49.48 0.27 0.00	50.74 0.21 0.00	51.26 0.19 0.00	61.80 0.37 0.00	71.76 1.10 0.00	66.51 1.49 0.00	69.08 1.50 0.00	63.61 1.81 0.00	75.25 2.01 0.00	78.01 1.95 0.00	81.60 1.57 0.00	78.51 1.07 0.00	72.63 0.50 0.00	66.46 0.23 0.00	56.24 0.19 0.00
GILBOA___4 23759	51.03 0.23 0.00	55.84 0.19 0.00	50.71 0.68 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.70 0.67 0.00	44.91 0.36 0.00	49.91 0.34 0.00	49.72 0.36 0.00	49.48 0.27 0.00	50.74 0.21 0.00	51.26 0.19 0.00	61.80 0.37 0.00	71.76 1.10 0.00	66.51 1.49 0.00	69.08 1.50 0.00	63.61 1.81 0.00	75.25 2.01 0.00	78.01 1.95 0.00	81.60 1.57 0.00	78.51 1.07 0.00	72.63 0.50 0.00	66.46 0.23 0.00	56.24 0.19 0.00

GILBOA____ 23599	51.03 0.23 0.00	55.84 0.19 0.00	50.71 0.68 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.70 0.67 0.00	44.92 0.36 0.00	49.91 0.34 0.00	49.72 0.36 0.00	49.48 0.27 0.00	50.74 0.21 0.00	51.26 0.19 0.00	61.80 0.37 0.00	71.76 1.10 0.00	66.51 1.49 0.00	69.08 1.50 0.00	63.61 1.82 0.00	75.25 2.02 0.00	78.02 1.96 0.00	81.60 1.57 0.00	78.51 1.07 0.00	72.63 0.50 0.00	66.46 0.23 0.00	56.24 0.19 0.00
GINNA____ 23603	49.32 -1.48 0.00	53.87 -1.77 0.00	47.69 -2.35 0.00	43.38 -2.47 0.00	39.77 -2.33 0.00	41.77 -2.25 0.00	42.49 -2.06 0.00	47.28 -2.30 0.00	47.31 -2.06 0.00	47.60 -1.62 0.00	49.17 -1.36 0.00	50.30 -0.77 0.00	61.09 -0.34 0.00	71.19 0.52 0.00	65.91 0.88 0.00	68.56 0.98 0.00	62.23 0.43 0.00	73.65 0.41 0.00	76.43 0.37 0.00	80.21 0.17 0.00	77.18 -0.24 0.03	71.94 -0.19 0.00	64.99 -1.23 0.00	54.69 -1.37 0.00
GLEN PARK____ 23778	54.91 4.08 -0.04	60.89 4.61 -0.64	54.41 3.79 -0.59	49.55 3.33 -0.36	45.25 3.15 0.00	47.52 3.49 0.00	48.29 3.74 0.00	53.59 4.01 -0.01	53.04 3.68 0.00	52.20 2.96 -0.02	53.29 2.76 0.00	53.15 2.07 0.00	65.66 2.44 -1.80	76.46 2.89 -2.91	68.67 2.19 -1.45	69.63 2.05 0.00	63.51 1.71 0.00	76.13 2.89 0.00	80.36 4.30 0.00	86.64 6.06 -0.55	86.06 6.80 -1.82	81.16 6.30 -2.74	73.01 5.73 -1.06	61.16 4.50 -0.61
GLENDALE_27_KV_LOAD 356172	52.25 1.45 0.00	56.92 1.27 0.00	51.63 1.59 0.00	47.25 1.40 0.00	43.44 1.34 0.00	45.41 1.38 0.00	46.06 1.51 0.00	51.20 1.62 0.00	51.18 1.82 0.00	50.91 1.70 0.00	52.42 1.89 0.00	52.69 1.62 0.00	63.50 2.07 0.00	74.11 3.45 0.00	69.24 4.21 0.00	72.53 4.95 0.00	66.92 5.13 0.00	78.82 5.58 0.00	81.24 5.18 0.00	84.68 4.65 0.00	80.49 3.04 0.00	73.91 1.79 0.00	67.42 1.20 0.00	57.84 1.79 0.00
GLENWOOD_IC_1_G5 23712	52.36 1.56 0.00	57.36 1.71 0.00	51.85 1.82 0.00	47.40 1.54 0.00	43.54 1.45 0.00	45.59 1.57 0.00	46.09 1.54 0.00	51.13 1.56 0.00	51.03 1.67 0.00	50.83 1.62 0.00	52.30 1.77 0.00	52.59 1.52 0.00	63.63 2.21 0.00	74.42 3.75 0.00	69.56 4.53 -0.01	77.06 5.25 -4.23	80.29 5.49 -13.00	80.17 6.19 -0.75	81.93 5.87 0.00	85.25 5.21 0.00	81.11 3.66 0.00	79.15 2.20 -4.82	73.25 1.35 -5.67	57.82 1.77 0.00
GLENWOOD_IC_2_G1 23688	52.15 1.35 0.00	57.07 1.42 0.00	51.60 1.56 0.00	47.19 1.33 0.00	43.35 1.25 0.00	45.37 1.34 0.00	45.90 1.35 0.00	51.08 1.51 0.00	51.07 1.71 0.00	50.83 1.61 0.00	52.18 1.66 0.00	52.53 1.46 0.00	63.48 2.05 0.00	74.29 3.63 0.00	69.38 4.36 0.00	74.37 5.05 -1.74	73.79 5.23 -6.76	79.53 5.92 -0.38	81.67 5.61 0.00	85.08 5.04 0.00	80.93 3.49 0.00	74.23 2.10 0.00	67.54 1.32 0.00	57.57 1.51 0.00
GLENWOOD_IC_3_G1 23689	52.15 1.35 0.00	57.07 1.42 0.00	51.60 1.56 0.00	47.19 1.33 0.00	43.35 1.25 0.00	45.37 1.34 0.00	45.90 1.35 0.00	51.08 1.51 0.00	51.07 1.71 0.00	50.83 1.61 0.00	52.18 1.66 0.00	52.53 1.46 0.00	63.48 2.05 0.00	74.29 3.63 0.00	69.38 4.36 0.00	74.37 5.05 -1.74	73.79 5.23 -6.76	79.53 5.92 -0.38	81.67 5.61 0.00	85.08 5.04 0.00	80.93 3.49 0.00	74.23 2.10 0.00	67.54 1.32 0.00	57.57 1.51 0.00
GLENWOOD____4 23550	52.36 1.56 0.00	57.36 1.71 0.00	51.85 1.82 0.00	47.40 1.54 0.00	43.54 1.45 0.00	45.59 1.57 0.00	46.10 1.55 0.00	51.19 1.62 0.00	51.16 1.80 0.00	50.93 1.72 0.00	52.37 1.85 0.00	52.66 1.59 0.00	63.72 2.29 0.00	74.59 3.92 0.00	69.73 4.70 -0.01	77.24 5.43 -4.23	80.46 5.66 -13.00	80.37 6.39 -0.75	82.12 6.06 0.00	85.45 5.42 0.00	81.30 3.85 0.00	79.32 2.37 -4.82	73.40 1.51 -5.67	57.82 1.77 0.00
GLENWOOD____5 23614	52.36 1.56 0.00	57.36 1.71 0.00	51.85 1.82 0.00	47.40 1.54 0.00	43.54 1.45 0.00	45.59 1.57 0.00	46.10 1.55 0.00	51.19 1.62 0.00	51.16 1.80 0.00	50.93 1.72 0.00	52.37 1.85 0.00	52.66 1.59 0.00	63.72 2.29 0.00	74.59 3.92 0.00	69.73 4.70 -0.01	77.24 5.43 -4.23	80.46 5.66 -13.00	80.37 6.39 -0.75	82.12 6.06 0.00	85.45 5.42 0.00	81.30 3.85 0.00	79.32 2.37 -4.82	73.40 1.51 -5.67	57.82 1.77 0.00
GLOBAL GREEN_PORT_GT1 23814	54.48 3.68 0.00	60.21 4.57 0.00	54.17 4.14 0.00	49.32 3.46 0.00	45.42 3.32 0.00	47.81 3.78 0.00	48.39 3.84 0.00	53.81 4.23 0.00	54.27 4.91 0.00	54.02 4.80 0.00	55.00 4.46 -0.02	54.09 3.02 0.00	65.80 4.37 0.00	98.87 7.27 -20.93	291.51 8.11 -218.37	255.49 9.15 -178.76	181.01 9.26 -109.96	262.15 10.90 -178.01	248.63 10.67 -161.90	285.08 9.91 -195.14	85.09 7.64 0.00	73.97 5.15 3.31	67.75 4.96 3.43	60.26 4.52 0.32
GLOBE____DSASP 323697	50.00 -0.80 0.00	54.69 -0.95 0.00	47.68 -2.35 0.00	43.25 -2.61 0.00	39.58 -2.52 0.00	41.69 -2.33 0.00	42.44 -2.11 0.00	46.98 -2.60 0.00	47.11 -2.26 0.00	47.77 -1.45 0.00	49.60 -0.92 0.00	51.06 -0.01 0.00	62.28 0.85 0.00	72.90 2.24 0.00	67.63 2.60 0.00	70.03 2.45 0.00	62.80 1.01 0.00	73.86 0.63 0.00	76.28 0.22 0.00	79.98 -0.05 0.00	77.69 0.25 0.00	73.19 1.06 0.00	65.98 -0.24 0.00	55.74 -0.32 0.00
GOETHSLN____LBMP 323567	51.74 0.94 0.00	56.39 0.75 0.01	50.74 1.07 0.36	46.80 0.94 0.00	43.01 0.91 0.00	44.98 0.96 0.00	45.56 1.01 0.00	50.77 1.19 0.00	50.69 1.33 0.00	50.48 1.27 0.00	51.87 1.34 0.00	52.26 1.19 0.00	63.03 1.60 0.00	73.64 2.98 0.00	68.77 3.75 0.00	71.99 4.41 0.00	66.38 4.59 0.00	78.29 5.05 0.00	80.74 4.68 0.00	84.16 4.13 0.00	79.95 2.50 0.00	73.36 1.24 0.00	66.92 0.70 0.00	57.22 1.16 0.00
GOLAH____69_KV_TB 1_2 80279	52.50 1.70 0.00	57.16 1.52 0.00	50.33 0.30 0.00	45.63 -0.23 0.00	41.77 -0.33 0.00	43.95 -0.08 0.00	44.74 0.19 0.00	50.00 0.43 0.00	49.96 0.60 0.00	50.29 1.07 0.00	51.94 1.41 0.00	53.17 2.10 0.00	64.65 3.22 0.00	75.48 4.81 0.00	69.97 4.94 0.00	72.60 5.02 0.00	65.71 3.91 0.00	77.69 4.45 0.00	80.70 4.64 0.00	84.96 4.93 0.00	81.96 4.52 0.00	76.51 4.39 0.00	68.98 2.76 0.00	58.15 2.09 0.00
GOODYEAR_LAKE_HYD 323669	52.50 1.70 0.00	57.34 1.69 0.00	51.58 1.54 0.00	47.21 1.36 0.00	43.33 1.22 0.00	45.40 1.37 0.00	45.90 1.35 0.00	50.93 1.35 0.00	50.79 1.43 0.00	50.64 1.43 0.00	52.13 1.61 0.00	52.84 1.77 0.00	64.27 2.48 -0.35	74.74 3.50 -0.57	68.68 3.37 -0.29	70.93 3.35 0.00	65.12 3.33 0.00	77.07 3.84 0.00	80.10 4.04 0.00	84.21 4.07 -0.11	81.30 3.50 -0.36	75.47 2.80 -0.54	68.43 2.00 -0.21	57.97 1.79 -0.12
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.18 0.36 -0.02	56.25 0.28 -0.32	50.27 -0.07 -0.30	45.95 -0.09 -0.18	42.01 -0.09 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.54 -0.05 -0.01	49.47 0.11 0.00	49.20 -0.03 -0.01	50.68 0.15 0.00	51.35 0.28 0.00	63.24 0.88 -0.93	74.00 1.82 -1.51	67.73 1.95 -0.75	69.73 2.15 0.00	63.98 2.18 0.00	75.66 2.42 0.00	78.53 2.47 0.00	82.87 2.55 -0.28	80.14 1.75 -0.94	74.80 1.25 -1.42	67.04 0.27 -0.55	56.64 0.27 -0.31

GOUDEY___7 23579	51.18 0.36 -0.02	56.25 0.28 -0.32	50.27 -0.07 -0.30	45.95 -0.09 -0.18	42.01 -0.09 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.54 -0.05 -0.01	49.47 0.11 0.00	49.20 -0.03 -0.01	50.68 0.15 0.00	51.35 0.28 0.00	63.24 0.88 -0.93	74.00 1.82 -1.51	67.73 1.95 -0.75	69.73 2.15 0.00	63.98 2.18 0.00	75.66 2.42 0.00	78.53 2.47 0.00	82.87 2.55 -0.28	80.14 1.75 -0.94	74.80 1.25 -1.42	67.04 0.27 -0.55	56.64 0.27 -0.31
GOUDEY___8 23580	51.18 0.36 -0.02	56.25 0.28 -0.32	50.27 -0.07 -0.30	45.95 -0.09 -0.18	42.01 -0.09 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.54 -0.05 -0.01	49.47 0.11 0.00	49.20 -0.03 -0.01	50.68 0.15 0.00	51.35 0.28 0.00	63.24 0.88 -0.93	74.00 1.82 -1.51	67.73 1.95 -0.75	69.73 2.15 0.00	63.98 2.18 0.00	75.66 2.42 0.00	78.53 2.47 0.00	82.87 2.55 -0.28	80.14 1.75 -0.94	74.80 1.25 -1.42	67.04 0.27 -0.55	56.64 0.27 -0.31
GOWANUS_GT1_1 24077	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_2 24078	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_3 24079	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_4 24080	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_5 24084	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_6 24111	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_7 24112	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT1_8 24113	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT2_1 24114	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT2_2 24115	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT2_3 24116	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT2_4 24117	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT2_5 24118	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00

GOWANUS_GT2_6 24119	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT2_7 24120	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT2_8 24121	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_1 24122	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_2 24123	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_3 24124	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_4 24125	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_5 24126	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_6 24127	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_7 24128	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT3_8 24129	52.08 <u>1.28</u> 0.00	56.63 <u>0.98</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.32 <u>1.22</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.96 <u>1.38</u> 0.00	50.98 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.10 <u>1.57</u> 0.00	52.44 <u>1.37</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.98 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.95 <u>4.90</u> 0.00	84.40 <u>4.37</u> 0.01	80.22 <u>2.78</u> 0.01	73.71 <u>1.58</u> 0.01	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT4_1 24130	52.08 <u>1.28</u> 0.00	56.63 <u>0.99</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.33 <u>1.23</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.95 <u>1.38</u> 0.00	50.97 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.09 <u>1.57</u> 0.00	52.43 <u>1.36</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.99 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.96 <u>4.90</u> 0.00	84.41 <u>4.37</u> 0.00	80.22 <u>2.78</u> 0.00	73.71 <u>1.58</u> 0.00	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT4_2 24131	52.08 <u>1.28</u> 0.00	56.63 <u>0.99</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.33 <u>1.23</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.95 <u>1.38</u> 0.00	50.97 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.09 <u>1.57</u> 0.00	52.43 <u>1.36</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.99 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.96 <u>4.90</u> 0.00	84.41 <u>4.37</u> 0.00	80.22 <u>2.78</u> 0.00	73.71 <u>1.58</u> 0.00	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT4_3 24132	52.08 <u>1.28</u> 0.00	56.63 <u>0.99</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.33 <u>1.23</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.95 <u>1.38</u> 0.00	50.97 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.09 <u>1.57</u> 0.00	52.43 <u>1.36</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.99 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.96 <u>4.90</u> 0.00	84.41 <u>4.37</u> 0.00	80.22 <u>2.78</u> 0.00	73.71 <u>1.58</u> 0.00	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00
GOWANUS_GT4_4 24133	52.08 <u>1.28</u> 0.00	56.63 <u>0.99</u> 0.00	51.43 <u>1.40</u> 0.00	47.11 <u>1.25</u> 0.00	43.33 <u>1.23</u> 0.00	45.28 <u>1.25</u> 0.00	45.92 <u>1.37</u> 0.00	50.95 <u>1.38</u> 0.00	50.97 <u>1.61</u> 0.00	50.61 <u>1.39</u> 0.00	52.09 <u>1.57</u> 0.00	52.43 <u>1.36</u> 0.00	63.27 <u>1.84</u> 0.00	73.82 <u>3.16</u> 0.00	68.99 <u>3.96</u> 0.00	72.27 <u>4.69</u> 0.00	66.68 <u>4.89</u> 0.00	78.52 <u>5.29</u> 0.00	80.96 <u>4.90</u> 0.00	84.41 <u>4.37</u> 0.00	80.22 <u>2.78</u> 0.00	73.71 <u>1.58</u> 0.00	67.29 <u>1.06</u> 0.00	57.75 <u>1.69</u> 0.00

GOWANUS_GT4_5 24134	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT4_6 24135	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT4_7 24136	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GOWANUS_GT4_8 24137	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GREATVRV_69_KV_BK1 356245	53.13 2.33 0.00	58.64 3.00 0.00	53.06 3.03 0.00	48.39 2.53 0.00	44.51 2.41 0.00	46.71 2.69 0.00	47.19 2.64 0.00	52.36 2.79 0.00	52.59 3.23 0.00	52.21 3.00 0.00	53.33 2.79 -0.01	53.19 2.12 0.00	64.38 2.95 0.00	88.67 5.46 -12.54	206.82 6.47 -135.32	189.12 7.17 -114.37	142.65 7.35 -73.51	189.30 8.34 -107.72	185.38 8.03 -101.30	205.89 7.47 -118.38	83.15 5.70 0.00	73.33 3.77 2.57	66.31 2.68 2.59	58.19 2.45 0.32
GREENBSH_115KV_TB3 55895	50.31 -0.49 0.00	55.03 -0.61 0.00	49.78 -0.26 0.00	45.72 -0.14 0.00	41.94 -0.16 0.00	43.78 -0.25 0.00	44.26 -0.29 0.00	49.38 -0.19 0.00	49.13 -0.23 0.00	48.80 -0.41 0.00	49.86 -0.66 0.00	50.31 -0.76 0.00	60.58 -0.85 0.00	70.27 -0.39 0.00	65.25 0.22 0.00	68.00 0.42 0.00	62.57 0.78 0.00	74.39 1.15 0.00	77.22 1.16 0.00	80.94 0.91 0.00	77.60 0.16 0.00	71.66 -0.46 0.00	65.57 -0.65 0.00	55.22 -0.84 0.00
GREENDGE_115KV_TB5 80291	51.56 0.74 -0.02	56.52 0.60 -0.27	50.28 -0.01 -0.25	45.91 -0.10 -0.15	42.09 -0.01 0.00	44.19 0.16 0.00	44.70 0.15 0.00	49.56 -0.02 -0.01	49.40 0.04 0.00	49.28 0.05 -0.01	50.72 0.19 0.00	51.38 0.30 0.00	63.17 0.90 -0.84	73.91 1.88 -1.36	67.69 1.99 -0.68	69.78 2.20 0.00	63.90 2.11 0.00	75.75 2.51 0.00	78.99 2.93 0.00	83.81 3.52 -0.26	81.17 2.88 -0.85	75.77 2.37 -1.28	67.53 0.81 -0.50	56.81 0.47 -0.28
GREENIDGE___3 23582	51.56 0.74 -0.02	56.52 0.60 -0.27	50.28 -0.01 -0.25	45.91 -0.10 -0.15	42.09 -0.01 0.00	44.19 0.16 0.00	44.70 0.15 0.00	49.56 -0.02 -0.01	49.40 0.04 0.00	49.28 0.05 -0.01	50.72 0.19 0.00	51.38 0.30 0.00	63.17 0.90 -0.84	73.91 1.88 -1.36	67.69 1.99 -0.68	69.78 2.20 0.00	63.90 2.11 0.00	75.75 2.51 0.00	78.99 2.93 0.00	83.81 3.52 -0.26	81.17 2.88 -0.85	75.77 2.37 -1.28	67.53 0.81 -0.50	56.81 0.47 -0.28
GREENIDGE___4 23583	51.56 0.74 -0.02	56.51 0.60 -0.27	50.29 -0.01 -0.25	45.91 -0.10 -0.15	42.09 -0.01 0.00	44.19 0.16 0.00	44.70 0.15 0.00	49.56 -0.02 -0.01	49.40 0.04 0.00	49.27 0.05 -0.01	50.72 0.19 0.00	51.38 0.30 0.00	63.16 0.90 -0.84	73.91 1.89 -1.36	67.69 1.99 -0.68	69.78 2.20 0.00	63.90 2.10 0.00	75.74 2.50 0.00	78.99 2.93 0.00	83.82 3.53 -0.26	81.21 2.87 -0.90	75.77 2.36 -1.28	67.53 0.81 -0.50	56.81 0.47 -0.28
GREENLWN_69_KV_BK 3 55738	51.50 0.70 0.00	57.07 1.43 0.00	51.72 1.68 0.00	47.22 1.36 0.00	43.43 1.33 0.00	45.53 1.51 0.00	45.97 1.42 0.00	50.95 1.38 0.00	51.11 1.75 0.00	50.62 1.41 0.00	51.49 0.97 0.00	51.41 0.34 0.00	62.12 0.69 0.00	68.49 2.46 4.64	20.56 3.42 47.89	20.50 4.34 51.42	25.26 4.79 41.32	34.07 5.50 44.66	21.13 5.11 60.04	41.15 4.19 43.08	79.96 2.52 0.00	70.24 1.00 2.89	63.43 0.16 2.95	55.46 0.30 0.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00
GRISSOM___SOLAR 323813	53.42 2.62 0.00	58.38 2.74 0.00	52.45 2.42 0.00	48.01 2.15 0.00	44.07 1.97 0.00	46.18 2.15 0.00	46.82 2.27 0.00	51.50 1.93 0.00	50.17 0.80 0.00	49.69 0.47 0.00	50.72 0.19 0.00	51.37 0.30 0.00	62.44 1.01 0.00	72.01 1.35 0.00	67.86 2.83 0.00	70.11 2.54 0.00	63.92 2.13 0.00	75.98 2.74 0.00	80.25 4.19 0.00	85.36 5.32 0.00	82.70 5.25 0.00	76.60 4.47 0.00	69.93 3.71 0.00	59.07 3.01 0.00
GROVEVILLE___HYD 323602	52.54 1.74 0.00	57.31 1.67 0.00	51.77 1.74 0.00	47.35 1.49 0.00	43.45 1.35 0.00	45.45 1.42 0.00	46.06 1.50 0.00	51.43 1.85 0.00	51.40 2.03 0.00	51.22 2.00 0.00	52.53 2.00 0.00	53.05 1.98 0.00	64.12 2.70 0.00	74.90 4.24 0.00	69.83 4.81 0.00	73.05 5.47 0.00	67.45 5.65 0.00	79.87 6.64 0.00	82.55 6.49 0.00	86.12 6.09 0.00	81.97 4.52 0.00	75.26 3.13 0.00	68.48 2.26 0.00	58.11 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
HAMLTNNY_34_KV_TB 80303	51.17 0.33 -0.05	56.63 0.21 -0.78	50.60 -0.16 -0.72	46.01 -0.28 -0.44	41.76 -0.34 0.00	43.76 -0.27 0.00	44.38 -0.17 0.00	49.39 -0.20 -0.02	49.23 -0.14 0.00	49.10 -0.14 -0.03	50.61 0.09 0.00	51.49 0.42 0.00	64.61 0.97 -2.20	76.08 1.86 -3.56	68.81 2.02 -1.77	69.66 2.08 0.00	63.64 1.84 0.00	75.33 2.09 0.00	78.37 2.31 0.00	83.16 2.45 -0.67	81.60 1.93 -2.23	77.13 1.66 -3.35	68.24 0.72 -1.30	57.18 0.39 -0.74

HAMPSHIRE___PAPER_HYD 323593	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.00 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.94 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.49 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.55 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
HARDSCRABBLE_WT_PWR 323673	51.71 0.91 0.00	56.41 0.77 0.00	50.87 0.84 0.00	46.73 0.87 0.00	42.99 0.89 0.00	44.91 0.89 0.00	45.34 0.79 0.00	50.37 0.79 0.00	49.66 0.29 0.00	49.14 -0.07 0.00	50.03 -0.49 0.00	50.63 -0.44 0.00	61.34 -0.09 0.00	71.41 0.75 0.00	66.88 1.85 0.00	69.51 1.94 0.00	64.22 2.42 0.00	76.44 3.21 0.00	80.06 4.00 0.00	84.44 4.41 0.00	80.68 3.24 0.00	74.08 1.96 0.00	67.50 1.28 0.00	56.64 0.58 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.32 1.53 0.00	57.09 1.45 0.00	51.53 1.50 0.00	47.08 1.22 0.00	43.18 1.07 0.00	45.19 1.16 0.00	45.76 1.21 0.00	51.04 1.47 0.00	51.00 1.64 0.00	50.83 1.61 0.00	52.24 1.71 0.00	52.83 1.76 0.00	63.83 2.40 0.00	74.66 3.99 0.00	69.59 4.56 0.00	72.77 5.19 0.00	67.12 5.33 0.00	79.46 6.22 0.00	82.08 6.02 0.00	85.63 5.60 0.00	81.39 3.95 0.00	74.69 2.56 0.00	68.02 1.80 0.00	57.80 1.75 0.00
HARSNRAD_115KV_TB1 81005	50.80 0.00 0.00	55.54 -0.10 0.00	48.43 -1.60 0.00	43.89 -1.96 0.00	40.17 -1.93 0.00	42.43 -1.59 0.00	43.22 -1.33 0.00	47.79 -1.79 0.00	47.88 -1.48 0.00	48.50 -0.71 0.00	50.32 -0.20 0.00	51.80 0.73 0.00	63.12 1.69 0.00	73.84 3.18 0.00	68.53 3.50 0.00	70.98 3.40 0.00	63.65 1.86 0.00	74.87 1.64 0.00	77.44 1.38 0.00	81.32 1.29 0.00	78.93 1.49 0.00	74.32 2.19 0.00	66.91 0.68 0.00	56.62 0.57 0.00
HARZA MOOSE___RIVER 24016	53.06 2.24 -0.01	58.42 2.56 -0.22	52.35 2.11 -0.20	47.88 1.90 -0.12	43.87 1.77 0.00	45.99 1.96 0.00	46.65 2.10 0.00	51.85 2.28 0.00	51.49 2.13 0.00	51.07 1.85 -0.01	52.27 1.75 0.00	52.51 1.44 0.00	63.78 1.73 -0.61	73.95 2.29 -0.99	67.53 2.00 -0.50	69.34 1.77 0.00	63.36 1.57 0.00	75.59 2.35 0.00	79.18 3.12 0.00	84.04 3.82 -0.19	82.00 3.93 -0.62	76.53 3.46 -0.94	69.78 3.20 -0.36	58.81 2.55 -0.21
HDSNBRDG_115KV_BRDG_TB1 355580	50.38 -0.44 -0.03	55.50 -0.59 -0.45	49.70 -0.74 -0.41	45.33 -0.78 -0.25	41.39 -0.71 0.00	43.36 -0.67 0.00	43.94 -0.61 0.00	48.89 -0.70 -0.01	48.75 -0.62 0.00	48.63 -0.60 -0.02	50.02 -0.50 0.00	50.79 -0.28 0.00	62.65 -0.03 -1.25	73.20 0.51 -2.03	66.81 0.77 -1.02	68.53 0.95 0.00	62.69 0.90 0.00	74.23 0.99 0.00	77.14 1.08 0.00	81.47 1.06 -0.38	79.29 0.58 -1.27	74.29 0.25 -1.92	66.56 -0.40 -0.74	55.98 -0.50 -0.42
HELLGATE_13_KV_LD 55870	52.35 1.55 0.00	57.01 1.37 0.00	51.76 1.72 0.00	47.36 1.50 0.00	43.54 1.44 0.00	45.51 1.48 0.00	46.17 1.62 0.00	51.33 1.76 0.00	51.33 1.97 0.00	51.06 1.85 0.00	52.59 2.06 0.00	52.84 1.77 0.00	63.67 2.24 0.00	74.34 3.68 0.00	69.46 4.43 0.00	72.75 5.18 0.00	67.11 5.32 0.00	79.07 5.84 0.00	81.48 5.42 0.00	84.93 4.90 0.00	80.72 3.28 0.00	74.14 2.01 0.00	67.62 1.41 0.00	58.04 1.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.35 1.55 0.00	57.01 1.37 0.00	51.76 1.72 0.00	47.36 1.50 0.00	43.54 1.44 0.00	45.51 1.48 0.00	46.17 1.62 0.00	51.33 1.76 0.00	51.33 1.97 0.00	51.06 1.85 0.00	52.59 2.06 0.00	52.84 1.77 0.00	63.67 2.24 0.00	74.34 3.68 0.00	69.46 4.43 0.00	72.75 5.18 0.00	67.11 5.32 0.00	79.07 5.84 0.00	81.48 5.42 0.00	84.93 4.90 0.00	80.72 3.28 0.00	74.14 2.01 0.00	67.62 1.41 0.00	58.04 1.98 0.00
HEMPSTEAD____ 23647	52.03 1.23 0.00	57.13 1.49 0.00	51.66 1.62 0.00	47.19 1.33 0.00	43.38 1.28 0.00	45.44 1.42 0.00	45.88 1.33 0.00	50.98 1.40 0.00	51.05 1.68 0.00	50.77 1.56 0.00	52.00 1.47 0.00	52.20 1.13 0.00	63.17 1.73 0.00	74.26 3.59 0.00	69.52 4.49 -0.01	77.64 5.24 -4.82	81.83 5.54 -14.50	80.22 6.15 -0.83	81.86 5.80 0.00	85.07 5.04 0.00	80.96 3.52 0.00	80.47 2.08 -6.26	74.82 1.18 -7.42	57.42 1.36 0.00
HICKLING___1 23621	51.58 0.76 -0.02	56.56 0.64 -0.27	50.11 -0.17 -0.25	45.77 -0.24 -0.15	41.90 -0.20 0.00	43.98 -0.05 0.00	44.64 0.08 0.00	49.47 -0.11 -0.01	49.42 0.06 0.00	49.13 -0.10 -0.01	50.81 0.28 0.00	51.44 0.37 0.00	63.36 1.10 -0.83	74.36 2.35 -1.35	67.99 2.29 -0.67	70.17 2.59 0.00	64.40 2.60 0.00	75.99 2.76 0.00	79.00 2.94 0.00	83.87 3.58 -0.25	80.90 2.61 -0.84	75.34 1.94 -1.27	66.99 0.28 -0.49	56.61 0.27 -0.28
HICKLING___2 23622	51.58 0.76 -0.02	56.56 0.64 -0.27	50.11 -0.17 -0.25	45.77 -0.24 -0.15	41.90 -0.20 0.00	43.98 -0.05 0.00	44.64 0.08 0.00	49.47 -0.11 -0.01	49.42 0.06 0.00	49.13 -0.10 -0.01	50.81 0.28 0.00	51.44 0.37 0.00	63.36 1.10 -0.83	74.36 2.35 -1.35	67.99 2.29 -0.67	70.17 2.59 0.00	64.40 2.60 0.00	75.99 2.76 0.00	79.00 2.94 0.00	83.87 3.58 -0.25	80.90 2.61 -0.84	75.34 1.94 -1.27	66.99 0.28 -0.49	56.61 0.27 -0.28
HIGH FALLS___HY 23754	52.85 2.05 0.00	57.64 2.00 0.00	51.98 1.94 0.00	47.47 1.62 0.00	43.56 1.46 0.00	45.59 1.57 0.00	46.18 1.63 0.00	51.53 1.95 0.00	51.53 2.17 0.00	51.29 2.07 0.00	52.75 2.22 0.00	53.09 2.02 0.00	64.21 2.79 0.00	75.24 4.58 0.00	70.04 5.02 0.00	73.16 5.58 0.00	67.70 5.90 0.00	80.07 6.83 0.00	82.93 6.87 0.00	86.52 6.48 0.00	82.33 4.89 0.00	75.90 3.77 0.00	68.96 2.74 0.00	58.59 2.53 0.00
HIGH_RIVER___SOLAR 323847	52.31 1.51 0.00	57.19 1.55 0.00	51.51 1.48 0.00	47.22 1.36 0.00	43.33 1.23 0.00	45.34 1.32 0.00	45.89 1.34 0.00	50.84 1.27 0.00	49.97 0.61 0.00	49.38 0.16 0.00	50.38 -0.15 0.00	50.96 -0.11 0.00	61.63 0.21 0.00	71.54 0.87 0.00	66.84 1.82 0.00	69.88 2.30 0.00	63.43 1.64 0.00	75.86 2.62 0.00	79.33 3.26 0.00	83.81 3.78 0.00	80.81 3.37 0.00	74.83 2.70 0.00	68.40 2.18 0.00	57.75 1.70 0.00
HILLBURN___GT 23639	51.96 1.16 0.00	56.71 1.07 0.00	51.24 1.20 0.00	46.81 0.95 0.00	42.94 0.84 0.00	44.93 0.90 0.00	45.50 0.95 0.00	50.74 1.17 0.00	50.68 1.32 0.00	50.49 1.28 0.00	51.89 1.37 0.00	52.49 1.42 0.00	63.40 1.97 0.00	74.17 3.51 0.00	69.05 4.02 0.00	72.19 4.61 0.00	66.57 4.78 0.00	78.73 5.49 0.00	81.28 5.23 0.00	84.79 4.75 0.00	80.55 3.11 0.00	73.94 1.81 0.00	67.39 1.17 0.00	57.40 1.35 0.00
HILLSIDE_115KV_TB1 80332	50.60 -0.21 -0.02	55.56 -0.37 -0.28	49.30 -0.99 -0.26	45.10 -0.91 -0.16	41.29 -0.81 0.00	43.30 -0.73 0.00	43.89 -0.66 0.00	48.67 -0.91 -0.01	48.71 -0.66 0.00	48.34 -0.89 -0.01	49.96 -0.56 0.00	50.61 -0.46 0.00	62.45 0.18 -0.84	73.28 1.25 -1.36	67.02 1.32 -0.68	69.14 1.56 0.00	63.50 1.71 0.00	74.85 1.62 0.00	77.71 1.65 0.00	82.28 1.99 -0.26	79.29 0.99 -0.85	73.95 0.54 -1.28	65.88 -0.83 -0.50	55.77 -0.57 -0.28

HISHELDN_WT_PWR 323625	51.33 0.53 0.00	56.08 0.44 0.00	49.14 -0.89 0.00	44.63 -1.23 0.00	40.92 -1.19 0.00	43.10 -0.92 0.00	43.84 -0.72 0.00	48.48 -1.09 0.00	48.44 -0.92 0.00	48.76 -0.46 0.00	50.59 0.06 0.00	52.21 1.14 0.00	64.01 2.58 0.00	74.97 4.30 0.00	69.53 4.51 0.00	72.10 4.52 0.00	64.76 2.96 0.00	76.14 2.90 0.00	78.68 2.62 0.00	82.65 2.61 0.00	79.90 2.55 0.10	75.10 2.98 0.00	67.56 1.34 0.00	57.10 1.04 0.00
HOLTSVILLE_IC_1 23690	52.18 1.38 0.00	57.68 2.03 0.00	52.24 2.21 0.00	47.67 1.81 0.00	43.87 1.77 0.00	46.03 2.01 0.00	46.49 1.94 0.00	51.54 1.96 0.00	51.71 2.34 0.00	51.32 2.11 0.00	52.36 1.81 -0.02	52.19 1.12 0.00	63.11 1.68 0.00	94.85 3.68 -20.50	283.65 4.68 -213.94	245.78 5.37 -172.83	171.30 5.63 -103.88	253.03 6.41 -173.38	236.35 6.05 -154.25	276.54 5.35 -191.15	81.14 3.69 0.00	70.76 1.98 3.35	63.89 1.14 3.47	57.05 1.30 0.30
HOLTSVILLE_IC_10 23699	52.53 1.73 0.00	58.03 2.39 0.00	52.54 2.50 0.00	47.93 2.07 0.00	44.11 2.01 0.00	46.29 2.26 0.00	46.77 2.22 0.00	51.88 2.31 0.00	52.09 2.73 0.00	51.73 2.51 0.00	52.82 2.27 -0.02	52.61 1.54 0.00	63.68 2.25 0.00	97.21 4.43 -22.11	300.98 5.39 -230.57	269.89 6.06 -196.25	196.61 6.18 -128.64	271.40 6.93 -191.23	267.84 6.67 -185.11	292.16 6.03 -206.09	81.79 4.34 -0.01	71.56 2.60 3.17	64.64 1.68 3.27	57.38 1.71 0.39
HOLTSVILLE_IC_2 23691	52.18 1.38 0.00	57.68 2.03 0.00	52.24 2.21 0.00	47.67 1.81 0.00	43.87 1.77 0.00	46.03 2.01 0.00	46.49 1.94 0.00	51.54 1.96 0.00	51.71 2.34 0.00	51.32 2.11 0.00	52.36 1.81 -0.02	52.19 1.12 0.00	63.11 1.68 0.00	94.85 3.68 -20.50	283.65 4.68 -213.94	245.78 5.37 -172.83	171.30 5.63 -103.88	253.03 6.41 -173.38	236.35 6.05 -154.25	276.54 5.35 -191.15	81.14 3.69 0.00	70.76 1.98 3.35	63.89 1.14 3.47	57.05 1.30 0.30
HOLTSVILLE_IC_3 23692	52.18 1.38 0.00	57.68 2.03 0.00	52.24 2.21 0.00	47.67 1.81 0.00	43.87 1.77 0.00	46.03 2.01 0.00	46.49 1.94 0.00	51.54 1.96 0.00	51.71 2.34 0.00	51.32 2.11 0.00	52.36 1.81 -0.02	52.19 1.12 0.00	63.11 1.68 0.00	94.85 3.68 -20.50	283.65 4.68 -213.94	245.78 5.37 -172.83	171.30 5.63 -103.88	253.03 6.41 -173.38	236.35 6.05 -154.25	276.54 5.35 -191.15	81.14 3.69 0.00	70.76 1.98 3.35	63.89 1.14 3.47	57.05 1.30 0.30
HOLTSVILLE_IC_4 23693	52.18 1.38 0.00	57.68 2.03 0.00	52.24 2.21 0.00	47.67 1.81 0.00	43.87 1.77 0.00	46.03 2.01 0.00	46.49 1.94 0.00	51.54 1.96 0.00	51.71 2.34 0.00	51.32 2.11 0.00	52.36 1.81 -0.02	52.19 1.12 0.00	63.11 1.68 0.00	94.85 3.68 -20.50	283.65 4.68 -213.94	245.78 5.37 -172.83	171.30 5.63 -103.88	253.03 6.41 -173.38	236.35 6.05 -154.25	276.54 5.35 -191.15	81.14 3.69 0.00	70.76 1.98 3.35	63.89 1.14 3.47	57.05 1.30 0.30
HOLTSVILLE_IC_5 23694	52.18 1.38 0.00	57.68 2.03 0.00	52.24 2.21 0.00	47.67 1.81 0.00	43.87 1.77 0.00	46.03 2.01 0.00	46.49 1.94 0.00	51.54 1.96 0.00	51.71 2.34 0.00	51.32 2.11 0.00	52.36 1.81 -0.02	52.19 1.12 0.00	63.11 1.68 0.00	94.85 3.68 -20.50	283.65 4.68 -213.94	245.78 5.37 -172.83	171.30 5.63 -103.88	253.03 6.41 -173.38	236.35 6.05 -154.25	276.54 5.35 -191.15	81.14 3.69 0.00	70.76 1.98 3.35	63.89 1.14 3.47	57.05 1.30 0.30
HOLTSVILLE_IC_6 23695	52.53 1.73 0.00	58.03 2.39 0.00	52.54 2.50 0.00	47.93 2.07 0.00	44.11 2.01 0.00	46.29 2.26 0.00	46.77 2.22 0.00	51.88 2.31 0.00	52.09 2.73 0.00	51.73 2.51 0.00	52.82 2.27 -0.02	52.61 1.54 0.00	63.68 2.25 0.00	97.21 4.43 -22.11	300.98 5.39 -230.57	269.89 6.06 -196.25	196.61 6.18 -128.64	271.40 6.93 -191.23	267.84 6.67 -185.11	292.16 6.03 -206.09	81.79 4.34 -0.01	71.56 2.60 3.17	64.64 1.68 3.27	57.38 1.71 0.39
HOLTSVILLE_IC_7 23696	52.53 1.73 0.00	58.03 2.39 0.00	52.54 2.50 0.00	47.93 2.07 0.00	44.11 2.01 0.00	46.29 2.26 0.00	46.77 2.22 0.00	51.88 2.31 0.00	52.09 2.73 0.00	51.73 2.51 0.00	52.82 2.27 -0.02	52.61 1.54 0.00	63.68 2.25 0.00	97.21 4.43 -22.11	300.98 5.39 -230.57	269.89 6.06 -196.25	196.61 6.18 -128.64	271.40 6.93 -191.23	267.84 6.67 -185.11	292.16 6.03 -206.09	81.79 4.34 -0.01	71.56 2.60 3.17	64.64 1.68 3.27	57.38 1.71 0.39
HOLTSVILLE_IC_8 23697	52.53 1.73 0.00	58.03 2.39 0.00	52.54 2.50 0.00	47.93 2.07 0.00	44.11 2.01 0.00	46.29 2.26 0.00	46.77 2.22 0.00	51.88 2.31 0.00	52.09 2.73 0.00	51.73 2.51 0.00	52.82 2.27 -0.02	52.61 1.54 0.00	63.68 2.25 0.00	97.21 4.43 -22.11	300.98 5.39 -230.57	269.89 6.06 -196.25	196.61 6.18 -128.64	271.40 6.93 -191.23	267.84 6.67 -185.11	292.16 6.03 -206.09	81.79 4.34 -0.01	71.56 2.60 3.17	64.64 1.68 3.27	57.38 1.71 0.39
HOLTSVILLE_IC_9 23698	52.53 1.73 0.00	58.03 2.39 0.00	52.54 2.50 0.00	47.93 2.07 0.00	44.11 2.01 0.00	46.29 2.26 0.00	46.77 2.22 0.00	51.88 2.31 0.00	52.09 2.73 0.00	51.73 2.51 0.00	52.82 2.27 -0.02	52.61 1.54 0.00	63.68 2.25 0.00	97.21 4.43 -22.11	300.98 5.39 -230.57	269.89 6.06 -196.25	196.61 6.18 -128.64	271.40 6.93 -191.23	267.84 6.67 -185.11	292.16 6.03 -206.09	81.79 4.34 -0.01	71.56 2.60 3.17	64.64 1.68 3.27	57.38 1.71 0.39
HOMER_HL_115KV_TB2 355744	50.73 -0.07 0.00	55.51 -0.13 0.00	48.77 -1.26 0.00	44.38 -1.47 0.00	40.73 -1.37 0.00	42.91 -1.12 0.00	43.69 -0.86 0.00	48.49 -1.08 0.00	48.56 -0.80 0.00	48.71 -0.50 0.00	50.29 -0.23 0.00	51.23 0.15 0.00	62.47 1.04 0.00	73.09 2.42 0.00	67.71 2.68 0.00	70.32 2.74 0.00	63.84 2.05 0.00	75.11 1.88 0.00	77.78 1.72 0.00	81.88 1.85 0.00	78.42 0.97 0.00	73.15 1.03 0.00	66.06 -0.16 0.00	55.98 -0.08 0.00
HOWARD_WT_PWR 323690	52.06 1.25 -0.01	56.99 1.15 -0.20	50.15 -0.07 -0.19	45.53 -0.44 -0.11	41.74 -0.37 0.00	44.06 0.03 0.00	44.73 0.18 0.00	49.40 -0.18 0.00	49.18 -0.18 0.00	49.01 -0.22 -0.01	50.71 0.18 0.00	51.20 0.13 0.00	62.39 0.28 -0.68	73.09 1.33 -1.09	66.88 1.31 -0.55	68.97 1.39 0.00	63.28 1.48 0.00	74.81 1.57 0.00	77.62 1.56 0.00	83.25 3.01 -0.21	80.86 2.69 -0.73	74.86 1.70 -1.03	66.37 -0.25 -0.40	56.00 -0.29 -0.23
HQ_GEN_CEDARS 23644	51.89 1.09 0.00	57.15 1.51 0.00	51.23 1.20 0.00	47.03 1.17 0.00	43.22 1.12 0.00	45.17 1.14 0.00	45.75 1.20 0.00	50.80 1.22 0.00	50.43 1.07 0.00	50.41 1.19 0.00	51.68 1.16 0.00	51.95 0.88 0.00	61.88 0.45 0.00	69.83 -0.84 0.00	63.40 -1.63 0.00	65.41 -2.17 0.00	59.32 -2.48 0.00	70.26 -2.98 0.00	72.92 -3.14 0.00	77.41 -2.63 0.00	76.23 -1.22 0.00	72.36 0.23 0.00	67.28 1.06 0.00	57.34 1.29 0.00
HQ_GEN_CEDARS_PROXY 323590	51.89 1.09 0.00	57.94 1.51 -0.79	51.23 1.20 0.00	47.03 1.17 0.00	43.22 1.12 0.00	45.17 1.14 0.00	45.75 1.20 0.00	52.80 1.22 -2.01	50.43 1.07 0.00	50.41 1.19 0.00	51.68 1.15 0.00	51.95 0.88 0.00	61.87 0.44 0.00	69.83 -0.84 0.00	63.40 -1.63 0.00	36.23 -2.17 29.17	30.68 -2.48 28.63	37.95 -2.98 32.30	54.43 -3.14 18.49	77.41 -2.63 0.00	76.23 -1.21 0.00	72.36 0.23 0.00	67.28 1.06 0.00	57.34 1.29 0.00

HQ_GEN_IMPORT 323601	51.19 0.39 0.00	56.20 0.56 0.00	50.35 0.43 0.12	46.29 0.43 0.00	42.52 0.42 0.00	44.44 0.41 0.00	43.08 0.44 1.92	50.03 0.45 0.00	49.76 0.40 0.00	49.71 0.50 0.00	51.04 0.52 0.00	52.91 0.43 -1.41	59.32 0.23 2.33	66.73 -0.63 3.31	51.55 -1.22 12.26	66.14 -1.44 0.00	60.16 -1.63 0.00	71.26 -1.97 0.00	63.69 -2.03 10.35	57.75 -1.79 20.49	76.56 -0.89 0.00	71.97 -0.16 0.00	66.63 0.41 0.00	65.83 0.52 -9.26
HQ_GEN_WHEEL 23651	51.19 0.39 0.00	56.20 0.56 0.00	50.35 0.43 0.12	46.29 0.43 0.00	42.52 0.42 0.00	44.44 0.41 0.00	43.08 0.44 1.92	50.03 0.45 0.00	49.76 0.40 0.00	49.71 0.50 0.00	51.04 0.52 0.00	52.91 0.43 -1.41	59.32 0.23 2.33	66.73 -0.63 3.31	51.55 -1.22 12.26	66.14 -1.44 0.00	60.16 -1.63 0.00	71.26 -1.97 0.00	63.69 -2.03 10.35	57.75 -1.79 20.49	76.56 -0.89 0.00	71.97 -0.16 0.00	66.63 0.41 0.00	65.83 0.52 -9.26
HUDSON AVE_GT_3 23810	52.18 1.38 0.00	56.91 1.26 0.00	51.52 1.48 0.00	47.17 1.32 0.00	43.35 1.25 0.00	45.34 1.31 0.00	45.95 1.40 0.00	51.19 1.61 0.00	51.12 1.76 0.00	50.91 1.69 0.00	52.33 1.80 0.00	52.72 1.65 0.00	63.61 2.18 0.00	74.28 3.62 0.00	69.39 4.36 0.00	72.64 5.06 0.00	67.00 5.20 0.00	79.00 5.77 0.00	81.48 5.42 0.00	84.92 4.89 0.00	80.71 3.26 0.00	74.08 1.96 0.00	67.53 1.31 0.00	57.69 1.64 0.00
HUDSON AVE_GT_4 23540	52.18 1.38 0.00	56.91 1.26 0.00	51.52 1.48 0.00	47.17 1.32 0.00	43.35 1.25 0.00	45.34 1.31 0.00	45.95 1.40 0.00	51.19 1.61 0.00	51.12 1.76 0.00	50.91 1.69 0.00	52.33 1.80 0.00	52.72 1.65 0.00	63.61 2.18 0.00	74.28 3.62 0.00	69.39 4.36 0.00	72.64 5.06 0.00	67.00 5.20 0.00	79.00 5.77 0.00	81.48 5.42 0.00	84.92 4.89 0.00	80.71 3.26 0.00	74.08 1.96 0.00	67.53 1.31 0.00	57.69 1.64 0.00
HUDSON AVE_GT_5 23657	52.18 1.38 0.00	56.91 1.26 0.00	51.52 1.48 0.00	47.17 1.32 0.00	43.35 1.25 0.00	45.34 1.31 0.00	45.95 1.40 0.00	51.19 1.61 0.00	51.12 1.76 0.00	50.91 1.69 0.00	52.33 1.80 0.00	52.72 1.65 0.00	63.61 2.18 0.00	74.28 3.62 0.00	69.39 4.36 0.00	72.64 5.06 0.00	67.00 5.20 0.00	79.00 5.77 0.00	81.48 5.42 0.00	84.92 4.89 0.00	80.71 3.26 0.00	74.08 1.96 0.00	67.53 1.31 0.00	57.69 1.64 0.00
HUDSON_AVE_10 24168	52.07 1.28 0.00	56.80 1.16 0.00	51.45 1.42 0.00	47.11 1.25 0.00	43.31 1.20 0.00	45.27 1.24 0.00	45.87 1.32 0.00	51.11 1.53 0.00	51.03 1.67 0.00	50.79 1.58 0.00	52.15 1.62 0.00	52.54 1.47 0.00	63.38 1.95 0.00	73.98 3.31 0.00	69.09 4.06 0.00	72.35 4.77 0.00	66.75 4.96 0.00	78.71 5.48 0.00	81.18 5.12 0.00	84.63 4.60 0.00	80.41 2.97 0.00	73.81 1.68 0.00	67.36 1.14 0.00	57.53 1.48 0.00
HUDSON___115KV_TB 4 355613	51.38 0.58 0.00	56.17 0.52 0.00	50.74 0.71 0.00	46.57 0.71 0.00	42.74 0.64 0.00	44.63 0.60 0.00	45.10 0.55 0.00	50.27 0.69 0.00	49.91 0.55 0.00	49.54 0.32 0.00	50.38 -0.14 0.00	50.86 -0.22 0.00	61.17 -0.26 0.00	71.00 0.33 0.00	65.89 0.86 0.00	68.69 1.11 0.00	63.26 1.46 0.00	75.65 2.42 0.00	78.85 2.79 0.00	83.07 3.04 0.00	79.77 2.33 0.00	73.55 1.43 0.00	67.12 0.90 0.00	56.41 0.35 0.00
HUNTER MOUNT___DRP 323613	51.47 0.67 0.00	56.24 0.60 0.00	50.80 0.77 0.00	46.64 0.79 0.00	42.79 0.69 0.00	44.70 0.67 0.00	45.21 0.66 0.00	50.47 0.89 0.00	50.14 0.78 0.00	49.67 0.46 0.00	50.56 0.04 0.00	51.12 0.04 0.00	61.50 0.06 0.00	71.37 0.71 0.00	66.30 1.28 0.00	69.13 1.55 0.00	63.51 1.71 0.00	75.98 2.75 0.00	79.29 3.23 0.00	83.57 3.54 0.00	80.29 2.85 0.00	74.07 1.95 0.00	67.52 1.31 0.00	56.65 0.60 0.00
HUNTINGTON_RES_REC 323705	51.96 1.16 0.00	57.52 1.88 0.00	52.11 2.08 0.00	47.55 1.69 0.00	43.74 1.64 0.00	45.90 1.87 0.00	46.34 1.79 0.00	51.39 1.81 0.00	51.59 2.23 0.00	51.15 1.93 0.00	52.12 1.56 -0.03	51.94 0.87 0.00	62.87 1.44 0.00	125.97 3.35 -51.95	601.14 4.31 -531.80	579.99 5.20 -507.22	456.18 5.56 -388.82	552.80 6.39 -473.17	623.36 6.05 -541.25	566.21 5.20 -480.98	80.90 3.44 -0.02	70.68 1.72 3.16	63.78 0.82 3.26	55.82 0.94 1.17
HUNTLEY___63 23557	51.52 0.73 0.00	56.34 0.70 0.00	49.10 -0.93 0.00	44.48 -1.38 0.00	40.72 -1.38 0.00	42.96 -1.07 0.00	43.73 -0.82 0.00	48.45 -1.13 0.00	48.62 -0.75 0.00	49.25 0.04 0.00	51.10 0.57 0.00	52.61 1.53 0.00	64.16 2.73 0.00	75.22 4.55 0.00	69.78 4.76 0.00	72.32 4.74 0.00	64.89 3.09 0.00	76.33 3.09 0.00	78.88 2.82 0.00	82.73 2.69 0.00	80.14 2.70 0.00	75.37 3.24 0.00	67.93 1.72 0.00	57.41 1.35 0.00
HUNTLEY___64 23558	51.52 0.73 0.00	56.34 0.70 0.00	49.10 -0.93 0.00	44.48 -1.38 0.00	40.72 -1.38 0.00	42.96 -1.07 0.00	43.73 -0.82 0.00	48.45 -1.13 0.00	48.62 -0.75 0.00	49.25 0.04 0.00	51.10 0.57 0.00	52.61 1.53 0.00	64.16 2.73 0.00	75.22 4.55 0.00	69.78 4.76 0.00	72.32 4.74 0.00	64.89 3.09 0.00	76.33 3.09 0.00	78.88 2.82 0.00	82.73 2.69 0.00	80.14 2.70 0.00	75.37 3.24 0.00	67.93 1.72 0.00	57.41 1.35 0.00
HUNTLEY___65 23559	51.52 0.73 0.00	56.34 0.70 0.00	49.10 -0.93 0.00	44.48 -1.38 0.00	40.72 -1.38 0.00	42.96 -1.07 0.00	43.73 -0.82 0.00	48.45 -1.13 0.00	48.62 -0.75 0.00	49.25 0.04 0.00	51.10 0.57 0.00	52.61 1.53 0.00	64.16 2.73 0.00	75.22 4.55 0.00	69.78 4.76 0.00	72.32 4.74 0.00	64.89 3.09 0.00	76.33 3.09 0.00	78.88 2.82 0.00	82.73 2.69 0.00	80.14 2.70 0.00	75.37 3.24 0.00	67.93 1.72 0.00	57.41 1.35 0.00
HUNTLEY___66 23560	51.52 0.73 0.00	56.34 0.70 0.00	49.10 -0.93 0.00	44.48 -1.38 0.00	40.72 -1.38 0.00	42.96 -1.07 0.00	43.73 -0.82 0.00	48.45 -1.13 0.00	48.62 -0.75 0.00	49.25 0.04 0.00	51.10 0.57 0.00	52.61 1.53 0.00	64.16 2.73 0.00	75.22 4.55 0.00	69.78 4.76 0.00	72.32 4.74 0.00	64.89 3.09 0.00	76.33 3.09 0.00	78.88 2.82 0.00	82.73 2.69 0.00	80.14 2.70 0.00	75.37 3.24 0.00	67.93 1.72 0.00	57.41 1.35 0.00
HUNTLEY___67 23561	51.14 0.34 0.00	55.94 0.30 0.00	48.84 -1.20 0.00	44.26 -1.60 0.00	40.53 -1.57 0.00	42.71 -1.32 0.00	43.47 -1.08 0.00	48.14 -1.43 0.00	48.32 -1.05 0.00	48.87 -0.35 0.00	50.73 0.21 0.00	52.20 1.13 0.00	63.74 2.31 0.00	74.63 3.96 0.00	69.24 4.22 0.00	71.79 4.21 0.00	64.49 2.70 0.00	75.88 2.64 0.00	78.35 2.29 0.00	82.20 2.17 0.00	79.62 2.18 0.00	74.83 2.70 0.00	67.39 1.17 0.00	56.92 0.87 0.00
HUNTLEY___68 23562	51.14 0.34 0.00	55.94 0.30 0.00	48.84 -1.20 0.00	44.26 -1.60 0.00	40.53 -1.57 0.00	42.71 -1.32 0.00	43.47 -1.08 0.00	48.14 -1.43 0.00	48.32 -1.05 0.00	48.87 -0.35 0.00	50.73 0.21 0.00	52.20 1.13 0.00	63.74 2.31 0.00	74.63 3.96 0.00	69.24 4.22 0.00	71.79 4.21 0.00	64.49 2.70 0.00	75.88 2.64 0.00	78.35 2.29 0.00	82.20 2.17 0.00	79.62 2.18 0.00	74.83 2.70 0.00	67.39 1.17 0.00	56.92 0.87 0.00

HYLAND___LFGE 323620	53.13 2.33 0.00	57.86 2.22 0.00	50.94 0.91 0.00	46.30 0.45 0.00	42.51 0.41 0.00	44.82 0.80 0.00	45.79 1.23 0.00	50.71 1.13 0.00	49.78 0.42 0.00	49.06 -0.16 0.00	50.88 0.35 0.00	51.80 0.73 0.00	62.92 1.06 -0.43	73.81 2.44 -0.70	67.82 2.44 -0.35	69.89 2.31 0.00	63.65 1.86 0.00	75.25 2.02 0.00	78.92 2.86 0.00	85.61 5.45 -0.13	83.90 6.00 -0.46	78.02 5.23 -0.66	69.47 3.00 -0.25	58.27 2.07 -0.15
INDECK___CORINTH 23802	52.18 1.38 0.00	57.18 1.54 0.00	51.59 1.56 0.00	47.40 1.54 0.00	43.50 1.40 0.00	45.36 1.33 0.00	46.07 1.51 0.00	51.66 2.08 0.00	51.18 1.82 0.00	50.79 1.58 0.00	51.50 0.97 0.00	51.86 0.79 0.00	62.66 1.23 0.00	72.68 2.01 0.00	67.86 2.84 0.00	71.15 3.58 0.00	65.22 3.43 0.00	77.98 4.75 0.00	81.72 5.66 0.00	85.76 5.73 0.00	81.70 4.26 0.00	75.55 3.43 0.00	68.92 2.70 0.00	57.38 1.33 0.00
INDECK___ILION 23567	51.33 0.53 0.00	56.07 0.43 0.00	50.53 0.49 0.00	46.35 0.50 0.00	42.60 0.50 0.00	44.52 0.50 0.00	45.00 0.44 0.00	50.03 0.46 0.00	49.56 0.20 0.00	49.19 -0.02 0.00	50.30 -0.23 0.00	50.86 -0.21 0.00	61.44 0.01 0.00	71.27 0.60 0.00	66.33 1.30 0.00	68.97 1.39 0.00	63.45 1.66 0.00	75.38 2.15 0.00	78.65 2.59 0.00	82.81 2.77 0.00	79.48 2.03 0.00	73.36 1.24 0.00	66.99 0.77 0.00	56.40 0.34 0.00
INDECK___OLEAN 23982	50.72 -0.07 0.00	55.51 -0.13 0.00	48.77 -1.26 0.00	44.38 -1.47 0.00	40.73 -1.37 0.00	42.90 -1.12 0.00	43.70 -0.85 0.00	48.49 -1.08 0.00	48.56 -0.80 0.00	48.71 -0.51 0.00	50.30 -0.22 0.00	51.23 0.16 0.00	62.48 1.05 0.00	73.09 2.42 0.00	67.71 2.69 0.00	70.31 2.74 0.00	63.84 2.05 0.00	75.11 1.87 0.00	77.78 1.72 0.00	81.89 1.86 0.00	78.30 0.97 0.11	73.15 1.03 0.00	66.04 -0.17 0.00	55.97 -0.08 0.00
INDECK___OSWEGO 23783	49.45 -1.47 -0.12	56.01 -1.57 -1.94	50.30 -1.54 -1.81	45.49 -1.47 -1.10	40.76 -1.34 0.00	42.69 -1.34 -0.01	43.22 -1.33 0.00	48.08 -1.54 -0.04	47.85 -1.52 0.00	47.69 -1.59 -0.07	48.93 -1.59 0.00	49.59 -1.48 0.00	65.29 -1.60 -5.47	78.09 -1.43 -8.86	68.34 -1.12 -4.43	66.51 -1.07 0.00	60.86 -0.93 0.00	72.18 -1.06 0.00	75.11 -0.95 0.00	80.74 -0.97 -1.68	81.77 -1.22 -5.54	79.11 -1.37 -8.35	67.78 -1.68 -3.24	56.34 -1.57 -1.85
INDECK___YERKES 23781	51.57 0.78 0.00	56.43 0.78 0.00	49.17 -0.86 0.00	44.54 -1.32 0.00	40.76 -1.34 0.00	43.02 -1.01 0.00	43.78 -0.77 0.00	48.53 -1.05 0.00	48.68 -0.68 0.00	49.31 0.10 0.00	51.14 0.61 0.00	52.62 1.55 0.00	64.21 2.78 0.00	75.24 4.58 0.00	69.83 4.80 0.00	72.33 4.76 0.00	64.90 3.11 0.00	76.35 3.11 0.00	78.90 2.84 0.00	82.74 2.71 0.00	80.05 2.70 0.09	75.38 3.26 0.00	67.99 1.77 0.00	57.49 1.43 0.00
INDIAN POINT_GT_1 24139	51.87 1.07 0.00	56.64 1.00 0.00	51.21 1.17 0.00	46.83 0.97 0.00	42.99 0.88 0.00	44.96 0.94 0.00	45.53 0.98 0.00	50.76 1.18 0.00	50.68 1.32 0.00	50.47 1.25 0.00	51.84 1.32 0.00	52.32 1.25 0.00	63.16 1.73 0.00	73.80 3.14 0.00	68.78 3.75 0.00	71.94 4.36 0.00	66.35 4.56 0.00	78.45 5.21 0.00	81.01 4.95 0.00	84.51 4.48 0.00	80.38 2.94 0.00	73.80 1.68 0.00	67.29 1.07 0.00	57.30 1.24 0.00
INDIAN POINT_GT_2 23659	51.87 1.07 0.00	56.64 1.00 0.00	51.21 1.17 0.00	46.83 0.97 0.00	42.99 0.88 0.00	44.96 0.94 0.00	45.53 0.98 0.00	50.76 1.18 0.00	50.68 1.32 0.00	50.47 1.25 0.00	51.84 1.32 0.00	52.32 1.25 0.00	63.16 1.73 0.00	73.80 3.14 0.00	68.78 3.75 0.00	71.94 4.36 0.00	66.35 4.56 0.00	78.45 5.21 0.00	81.01 4.95 0.00	84.51 4.48 0.00	80.38 2.94 0.00	73.80 1.68 0.00	67.29 1.07 0.00	57.30 1.24 0.00
INDIAN POINT_GT_3 24019	51.87 1.07 0.00	56.64 1.00 0.00	51.21 1.17 0.00	46.83 0.97 0.00	42.99 0.88 0.00	44.96 0.94 0.00	45.53 0.98 0.00	50.76 1.18 0.00	50.68 1.32 0.00	50.47 1.25 0.00	51.84 1.32 0.00	52.32 1.25 0.00	63.16 1.73 0.00	73.80 3.14 0.00	68.78 3.75 0.00	71.94 4.36 0.00	66.35 4.56 0.00	78.45 5.21 0.00	81.01 4.95 0.00	84.51 4.48 0.00	80.38 2.94 0.00	73.80 1.68 0.00	67.29 1.07 0.00	57.30 1.24 0.00
INDIAN POINT___2 23530	51.83 1.03 0.00	56.60 0.95 0.00	51.16 1.13 0.00	46.77 0.91 0.00	42.93 0.83 0.00	44.91 0.88 0.00	45.47 0.92 0.00	50.69 1.12 0.00	50.62 1.25 0.00	50.40 1.19 0.00	51.77 1.25 0.00	52.28 1.21 0.00	63.12 1.69 0.00	73.78 3.11 0.00	68.72 3.69 0.00	71.86 4.28 0.00	66.27 4.47 0.00	78.35 5.12 0.00	80.91 4.85 0.00	84.41 4.38 0.00	80.27 2.82 0.00	73.69 1.57 0.00	67.20 0.98 0.00	57.24 1.18 0.00
INDIAN POINT___3 23531	51.82 1.02 0.00	56.59 0.95 0.00	51.16 1.13 0.00	46.79 0.93 0.00	42.93 0.83 0.00	44.91 0.88 0.00	45.47 0.92 0.00	50.69 1.12 0.00	50.63 1.26 0.00	50.40 1.19 0.00	51.77 1.24 0.00	52.26 1.19 0.00	63.08 1.65 0.00	73.70 3.04 0.00	68.67 3.65 0.00	71.83 4.25 0.00	66.23 4.44 0.00	78.32 5.08 0.00	80.87 4.81 0.00	84.37 4.34 0.00	80.25 2.81 0.00	73.69 1.56 0.00	67.19 0.97 0.00	57.22 1.16 0.00
INGHAM_C_115KV_TB7 356103	51.85 1.05 0.00	56.51 0.87 0.00	51.03 0.99 0.00	46.88 1.03 0.00	43.11 1.02 0.00	45.04 1.01 0.00	45.44 0.89 0.00	50.43 0.85 0.00	49.59 0.23 0.00	48.96 -0.25 0.00	49.73 -0.80 0.00	50.32 -0.75 0.00	61.07 -0.35 0.00	71.32 0.66 0.00	67.20 2.18 0.00	69.96 2.38 0.00	64.64 2.85 0.00	77.05 3.81 0.00	80.83 4.77 0.00	85.31 5.28 0.00	81.41 3.96 0.00	74.64 2.51 0.00	67.84 1.62 0.00	56.74 0.69 0.00
IP CORINTH___1 23988	52.48 1.68 0.00	57.52 1.87 0.00	51.88 1.85 0.00	47.65 1.79 0.00	43.73 1.63 0.00	45.61 1.58 0.00	46.32 1.77 0.00	51.95 2.37 0.00	51.48 2.11 0.00	51.07 1.86 0.00	51.79 1.27 0.00	52.16 1.09 0.00	63.03 1.60 0.00	73.10 2.44 0.00	68.26 3.23 0.00	71.56 3.98 0.00	65.59 3.80 0.00	78.42 5.18 0.00	82.16 6.10 0.00	86.23 6.20 0.00	82.16 4.72 0.00	75.99 3.86 0.00	69.31 3.09 0.00	57.71 1.66 0.00
IP___TICONDEROGA 23804	54.35 3.55 0.00	59.98 4.33 0.00	54.32 4.28 0.00	50.06 4.20 0.00	46.14 4.03 0.00	47.48 3.46 0.00	48.38 3.83 0.00	54.80 5.23 0.00	53.99 4.63 0.00	52.89 3.68 0.00	53.68 3.15 0.00	53.66 2.59 0.00	64.82 3.39 0.00	75.66 4.99 0.00	70.72 5.69 0.00	74.40 6.82 0.00	68.86 7.06 0.00	82.91 9.68 0.00	86.47 10.40 0.00	91.38 11.35 0.00	85.69 8.24 0.00	79.66 7.53 0.00	72.73 6.51 0.00	59.66 3.61 0.00
ISLIP_RES_REC 323679	52.85 2.05 0.00	58.38 2.74 0.00	52.83 2.80 0.00	48.18 2.32 0.00	44.34 2.24 0.00	46.54 2.52 0.00	47.04 2.49 0.00	52.20 2.63 0.00	52.44 3.08 0.00	52.13 2.92 0.00	53.25 2.70 -0.02	53.04 1.97 0.00	64.24 2.81 0.00	95.99 5.19 -20.13	282.07 6.17 -210.88	253.85 6.88 -179.39	186.04 6.90 -117.34	255.06 7.82 -174.00	251.49 7.54 -167.89	274.88 6.87 -187.97	82.55 5.10 0.00	72.33 3.25 3.04	65.31 2.22 3.13	57.81 2.13 0.37

JAMAICA__27_KV_LOAD 355505	52.41 1.61 0.00	57.15 1.51 0.00	51.81 1.77 0.00	47.42 1.56 0.00	43.59 1.49 0.00	45.54 1.52 0.00	46.17 1.62 0.00	51.45 1.87 0.00	51.37 2.00 0.00	51.17 1.95 0.00	52.50 1.97 0.00	52.92 1.85 0.00	63.78 2.35 0.00	74.37 3.71 0.00	69.50 4.47 0.00	72.81 5.24 0.00	67.25 5.46 0.00	79.28 6.05 0.00	81.75 5.70 0.00	85.27 5.24 0.00	80.96 3.52 0.00	74.40 2.28 0.00	68.01 1.79 0.00	58.07 2.01 0.00
JANIS__SOLAR 323808	53.42 2.60 -0.02	58.64 2.60 -0.39	52.32 1.92 -0.37	47.76 1.69 -0.22	43.68 1.58 0.00	45.86 1.83 0.00	46.55 2.00 0.00	51.65 2.07 -0.01	51.24 1.88 0.00	50.48 1.25 -0.01	51.78 1.26 0.00	52.52 1.45 0.00	64.79 2.23 -1.13	76.09 3.60 -1.83	69.17 3.23 -0.91	70.93 3.35 0.00	65.13 3.33 0.00	77.48 4.24 0.00	81.17 5.11 0.00	86.64 6.26 -0.34	84.30 5.68 -1.17	78.60 4.75 -1.72	70.08 3.19 -0.67	58.94 2.50 -0.38
JARVIS____ 23743	50.80 0.01 0.00	55.59 -0.05 0.00	50.06 0.02 0.00	45.88 0.02 0.00	42.13 0.03 0.00	44.05 0.02 0.00	44.55 0.00 0.00	49.58 0.01 0.00	49.36 0.00 0.00	49.17 -0.05 0.00	50.43 -0.09 0.00	50.98 -0.09 0.00	61.39 -0.04 0.00	70.92 0.25 0.00	65.49 0.46 0.00	68.07 0.49 0.00	62.38 0.58 0.00	73.97 0.73 0.00	76.87 0.81 0.00	80.76 0.73 0.00	77.90 0.46 0.00	72.32 0.19 0.00	66.25 0.03 0.00	56.01 -0.04 0.00
JENNISON____1 23625	53.30 2.49 -0.02	58.45 2.53 -0.28	52.31 2.01 -0.26	47.81 1.80 -0.16	43.80 1.70 0.00	45.95 1.93 0.00	46.54 1.99 0.00	51.59 2.01 -0.01	51.61 2.25 0.00	51.23 2.01 -0.01	52.64 2.12 0.00	53.36 2.29 0.00	65.57 3.33 -0.81	76.81 4.83 -1.32	70.25 4.57 -0.66	72.07 4.49 0.00	66.28 4.48 0.00	78.54 5.31 0.00	81.30 5.23 0.00	85.95 5.67 -0.25	83.21 4.94 -0.82	77.22 3.85 -1.24	69.03 2.33 -0.48	58.42 2.09 -0.27
JENNISON____2 23626	53.30 2.49 -0.02	58.45 2.53 -0.28	52.31 2.01 -0.26	47.81 1.80 -0.16	43.80 1.70 0.00	45.95 1.93 0.00	46.54 1.99 0.00	51.59 2.01 -0.01	51.61 2.25 0.00	51.23 2.01 -0.01	52.64 2.12 0.00	53.36 2.29 0.00	65.57 3.33 -0.81	76.81 4.83 -1.32	70.25 4.57 -0.66	72.07 4.49 0.00	66.28 4.48 0.00	78.54 5.31 0.00	81.30 5.23 0.00	85.95 5.67 -0.25	83.21 4.94 -0.82	77.22 3.85 -1.24	69.03 2.33 -0.48	58.42 2.09 -0.27
JERICOHO_RISE_WT_PWR 323719	51.23 0.43 0.00	56.54 0.89 0.00	50.69 0.66 0.00	46.53 0.68 0.00	42.89 0.78 0.00	44.71 0.69 0.00	45.25 0.71 0.00	50.41 0.83 0.00	49.99 0.63 0.00	49.99 0.77 0.00	51.33 0.80 0.00	51.72 0.65 0.00	61.82 0.39 0.00	69.90 -0.77 0.00	63.52 -1.51 0.00	65.77 -1.81 0.00	59.66 -2.14 0.00	70.55 -2.69 0.00	73.50 -2.56 0.00	77.91 -2.12 0.00	76.34 -1.11 0.00	72.11 -0.02 0.00	66.84 0.63 0.00	56.86 0.80 0.00
KATONAH__115KV_46KV_TB4 355592	52.14 1.34 0.00	56.92 1.28 0.00	51.48 1.45 0.00	47.09 1.23 0.00	43.22 1.12 0.00	45.21 1.19 0.00	45.80 1.25 0.00	51.09 1.52 0.00	51.03 1.67 0.00	50.83 1.62 0.00	52.22 1.70 0.00	52.71 1.64 0.00	63.68 2.25 0.00	74.40 3.74 0.00	69.41 4.38 0.00	72.65 5.07 0.00	67.00 5.20 0.00	79.24 6.00 0.00	81.83 5.76 0.00	85.34 5.30 0.00	81.16 3.71 0.00	74.50 2.37 0.00	67.85 1.63 0.00	57.68 1.62 0.00
KCE_NY_1 323755	52.63 1.83 0.00	57.53 1.88 0.00	51.91 1.88 0.00	47.70 1.84 0.00	43.71 1.61 0.00	45.67 1.65 0.00	46.32 1.76 0.00	51.73 2.16 0.00	51.33 1.97 0.00	51.01 1.79 0.00	52.04 1.52 0.00	52.41 1.34 0.00	63.33 1.90 0.00	73.36 2.70 0.00	68.27 3.25 0.00	71.61 4.03 0.00	65.60 3.81 0.00	78.16 4.92 0.00	81.56 5.50 0.00	85.63 5.60 0.00	81.84 4.40 0.00	75.60 3.47 0.00	69.19 2.97 0.00	57.88 1.82 0.00
KCE_NY_6_ESR 323823	51.73 0.93 0.00	56.54 0.89 0.00	49.37 -0.66 0.00	44.79 -1.07 0.00	41.02 -1.08 0.00	43.22 -0.81 0.00	43.99 -0.56 0.00	48.74 -0.83 0.00	48.92 -0.44 0.00	49.41 0.19 0.00	51.33 0.81 0.00	52.80 1.73 0.00	64.58 3.15 0.00	75.65 4.99 0.00	70.21 5.19 0.00	72.82 5.25 0.00	65.48 3.69 0.00	77.00 3.76 0.00	79.52 3.46 0.00	83.47 3.44 0.00	80.65 3.30 0.10	75.76 3.64 0.00	68.14 1.92 0.00	57.51 1.45 0.00
KEDC_PORT_JEFF_GT2 24210	52.28 1.48 0.00	57.81 2.17 0.00	52.34 2.30 0.00	47.75 1.89 0.00	43.94 1.84 0.00	46.11 2.09 0.00	46.59 2.05 0.00	51.69 2.11 0.00	51.89 2.53 0.00	51.52 2.30 0.00	52.59 2.04 -0.02	52.40 1.33 0.00	63.34 1.91 0.00	98.85 3.54 -24.66	325.55 4.40 -256.13	292.81 5.07 -220.16	213.74 5.33 -146.61	293.50 6.02 -214.24	292.62 5.66 -210.90	314.44 4.91 -229.50	80.67 3.23 -0.01	70.44 1.55 3.24	63.93 1.05 3.35	56.93 1.32 0.44
KEDC_PORT_JEFF_GT3 24211	52.28 1.48 0.00	57.81 2.17 0.00	52.34 2.30 0.00	47.75 1.89 0.00	43.94 1.84 0.00	46.11 2.09 0.00	46.59 2.05 0.00	51.69 2.11 0.00	51.89 2.53 0.00	51.52 2.30 0.00	52.59 2.04 -0.02	52.40 1.33 0.00	63.34 1.91 0.00	98.85 3.54 -24.66	325.55 4.40 -256.13	292.81 5.07 -220.16	213.74 5.33 -146.61	293.50 6.02 -214.24	292.62 5.66 -210.90	314.44 4.91 -229.50	80.67 3.23 -0.01	70.44 1.55 3.24	63.93 1.05 3.35	56.93 1.32 0.44
KEDC_GLWD_GT4 24219	52.36 1.56 0.00	57.35 1.71 0.00	51.85 1.82 0.00	47.40 1.54 0.00	43.54 1.45 0.00	45.59 1.56 0.00	46.09 1.54 0.00	51.13 1.55 0.00	51.03 1.67 0.00	50.83 1.62 0.00	52.29 1.76 0.00	52.60 1.53 0.00	63.64 2.21 0.00	74.42 3.75 0.00	69.56 4.53 -0.01	77.06 5.25 -4.23	80.29 5.49 -13.00	80.18 6.19 -0.75	81.93 5.88 0.00	85.25 5.21 0.00	81.11 3.66 0.00	79.14 2.19 -4.82	73.21 1.32 -5.67	57.82 1.76 0.00
KEDC_GLWD_GT5 24220	52.36 1.56 0.00	57.35 1.71 0.00	51.85 1.82 0.00	47.40 1.54 0.00	43.54 1.45 0.00	45.59 1.56 0.00	46.09 1.54 0.00	51.13 1.55 0.00	51.03 1.67 0.00	50.83 1.62 0.00	52.29 1.76 0.00	52.60 1.53 0.00	63.64 2.21 0.00	74.42 3.75 0.00	69.56 4.53 -0.01	77.06 5.25 -4.23	80.29 5.49 -13.00	80.18 6.19 -0.75	81.93 5.88 0.00	85.25 5.21 0.00	81.11 3.66 0.00	79.14 2.19 -4.82	73.21 1.32 -5.67	57.82 1.76 0.00
KENSICO____ 23655	51.99 1.19 0.00	56.77 1.12 0.00	51.35 1.31 0.00	46.96 1.11 0.00	43.12 1.02 0.00	45.10 1.08 0.00	45.68 1.13 0.00	50.92 1.35 0.00	50.86 1.49 0.00	50.64 1.42 0.00	52.02 1.49 0.00	52.46 1.39 0.00	63.32 1.89 0.00	73.97 3.31 0.00	68.98 3.95 0.00	72.18 4.60 0.00	66.58 4.78 0.00	78.67 5.43 0.00	81.22 5.16 0.00	84.71 4.67 0.00	80.56 3.12 0.00	73.98 1.86 0.00	67.43 1.21 0.00	57.42 1.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.74 1.94 0.00	57.51 1.87 0.00	51.86 1.82 0.00	47.38 1.52 0.00	43.48 1.38 0.00	45.49 1.47 0.00	46.09 1.54 0.00	51.43 1.85 0.00	51.39 2.03 0.00	51.14 1.92 0.00	52.55 2.02 0.00	52.92 1.85 0.00	63.97 2.54 0.00	74.92 4.25 0.00	69.72 4.70 0.00	72.65 5.07 0.00	67.28 5.49 0.00	79.59 6.35 0.00	82.51 6.46 0.00	86.12 6.09 0.00	82.04 4.60 0.00	75.78 3.65 0.00	68.88 2.66 0.00	58.43 2.38 0.00

KIAC_JFK_GT1 23816	51.90 1.10 0.00	56.59 0.95 0.00	51.32 1.28 0.00	46.97 1.12 0.00	43.21 1.11 0.00	45.12 1.10 0.00	45.75 1.20 0.00	50.97 1.39 0.00	50.89 1.53 0.00	50.68 1.46 0.00	51.98 1.46 0.00	52.37 1.30 0.00	63.11 1.68 0.00	73.59 2.93 0.00	68.75 3.73 0.00	72.03 4.45 0.00	66.53 4.73 0.00	78.44 5.21 0.00	80.87 4.81 0.00	84.35 4.32 0.00	80.10 2.65 0.00	73.57 1.44 0.00	67.27 1.06 0.00	57.47 1.42 0.00
KIAC_JFK_GT2 23817	51.90 1.10 0.00	56.59 0.95 0.00	51.32 1.28 0.00	46.97 1.12 0.00	43.21 1.11 0.00	45.12 1.10 0.00	45.75 1.20 0.00	50.97 1.39 0.00	50.89 1.53 0.00	50.68 1.46 0.00	51.98 1.46 0.00	52.37 1.30 0.00	63.11 1.68 0.00	73.59 2.93 0.00	68.75 3.73 0.00	72.03 4.45 0.00	66.53 4.73 0.00	78.44 5.21 0.00	80.87 4.81 0.00	84.35 4.32 0.00	80.10 2.65 0.00	73.57 1.44 0.00	67.27 1.06 0.00	57.47 1.42 0.00
KIAC_JFK____ 323774	51.90 1.10 0.00	56.59 0.95 0.00	51.32 1.28 0.00	46.98 1.12 0.00	43.21 1.11 0.00	45.12 1.09 0.00	45.75 1.19 0.00	50.97 1.39 0.00	50.89 1.53 0.00	50.68 1.46 0.00	51.99 1.46 0.00	52.36 1.29 0.00	63.11 1.68 0.00	73.59 2.93 0.00	68.75 3.73 0.00	72.03 4.45 0.00	66.53 4.74 0.00	78.44 5.21 0.00	80.87 4.81 0.00	84.35 4.32 0.00	80.09 2.65 0.00	73.57 1.44 0.00	67.27 1.05 0.00	57.47 1.42 0.00
KINTIGH__24_KV_GSU 356498	51.00 0.20 0.00	55.80 0.15 0.00	48.97 -1.07 0.00	44.43 -1.43 0.00	40.68 -1.42 0.00	42.83 -1.19 0.00	43.59 -0.97 0.00	48.32 -1.25 0.00	48.40 -0.96 0.00	48.88 -0.33 0.00	50.62 0.10 0.00	51.94 0.87 0.00	63.28 1.85 0.00	73.96 3.30 0.00	68.57 3.55 0.00	71.13 3.55 0.00	64.10 2.31 0.00	75.55 2.32 0.00	78.16 2.10 0.00	82.04 2.01 0.00	79.23 1.86 0.07	74.39 2.26 0.00	67.13 0.91 0.00	56.71 0.65 0.00
KINTIGH____ 23543	50.95 0.15 0.00	55.75 0.10 0.00	48.93 -1.11 0.00	44.39 -1.47 0.00	40.66 -1.44 0.00	42.79 -1.23 0.00	43.54 -1.01 0.00	48.28 -1.29 0.00	48.36 -1.01 0.00	48.84 -0.38 0.00	50.58 0.06 0.00	51.90 0.83 0.00	63.22 1.79 0.00	73.89 3.23 0.00	68.52 3.50 0.00	71.08 3.50 0.00	64.05 2.26 0.00	75.48 2.25 0.00	78.09 2.03 0.00	81.97 1.94 0.00	79.24 1.79 0.00	74.34 2.22 0.00	67.07 0.85 0.00	56.66 0.60 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.61 0.81 0.00	56.99 1.35 0.00	51.20 1.17 0.00	46.99 1.14 0.00	43.38 1.28 0.00	45.15 1.12 0.00	45.61 1.06 0.00	50.90 1.32 0.00	50.34 0.98 0.00	50.20 0.98 0.00	51.55 1.02 0.00	51.98 0.91 0.00	62.18 0.76 0.00	70.46 -0.20 0.00	64.12 -0.90 0.00	66.52 -1.06 0.00	60.34 -1.45 0.00	71.33 -1.91 0.00	74.46 -1.61 0.00	79.05 -0.98 0.00	77.25 -0.20 0.00	73.08 0.95 0.00	67.51 1.29 0.00	57.32 1.26 0.00
LACHUTE____HYDRO 323717	54.35 3.55 0.00	59.98 4.33 0.00	54.31 4.28 0.00	50.06 4.20 0.00	46.14 4.04 0.00	47.49 3.46 0.00	48.38 3.83 0.00	54.80 5.23 0.00	54.00 4.63 0.00	52.89 3.68 0.00	53.68 3.16 0.00	53.66 2.59 0.00	64.81 3.39 0.00	75.66 4.99 0.00	70.72 5.69 0.00	74.40 6.82 0.00	68.85 7.06 0.00	82.92 9.68 0.00	86.46 10.40 0.00	91.38 11.35 0.00	85.69 8.24 0.00	79.66 7.53 0.00	72.73 6.51 0.00	59.66 3.61 0.00
LAWRNCAY_115KV_TB1 80681	52.06 1.26 0.00	57.50 1.86 0.00	51.52 1.49 0.00	47.30 1.44 0.00	43.49 1.39 0.00	45.46 1.44 0.00	46.09 1.54 0.00	51.15 1.57 0.00	50.67 1.31 0.00	50.53 1.32 0.00	51.62 1.10 0.00	51.64 0.57 0.00	61.47 0.04 0.00	69.15 -1.52 0.00	62.53 -2.50 0.00	64.52 -3.06 0.00	58.46 -3.33 0.00	69.35 -3.89 0.00	72.17 -3.89 0.00	76.93 -3.11 0.00	75.91 -1.54 0.00	72.04 -0.09 0.00	67.20 0.98 0.00	57.37 1.32 0.00
LEDERLE____ 23769	52.19 1.39 0.00	56.98 1.34 0.00	51.47 1.43 0.00	47.02 1.17 0.00	43.12 1.02 0.00	45.13 1.11 0.00	45.70 1.15 0.00	50.98 1.40 0.00	50.93 1.57 0.00	50.76 1.54 0.00	52.17 1.65 0.00	52.74 1.67 0.00	63.72 2.29 0.00	74.54 3.88 0.00	69.45 4.42 0.00	72.62 5.05 0.00	66.97 5.17 0.00	79.21 5.97 0.00	81.75 5.70 0.00	85.26 5.23 0.00	81.03 3.58 0.00	74.35 2.22 0.00	67.74 1.53 0.00	57.67 1.61 0.00
LIGHTHSE_115KV_TB6 355974	51.42 0.56 -0.06	57.26 0.64 -0.98	51.28 0.34 -0.91	46.62 0.21 -0.55	42.32 0.22 0.00	44.37 0.35 0.00	45.00 0.45 0.00	50.03 0.43 -0.02	49.71 0.34 0.00	49.36 0.11 -0.03	50.59 0.06 0.00	51.03 -0.04 0.00	64.27 0.09 -2.75	75.57 0.46 -4.45	67.70 0.46 -2.22	68.07 0.49 0.00	62.14 0.35 0.00	73.86 0.62 0.00	77.24 1.18 0.00	82.53 1.66 -0.84	81.85 1.62 -2.79	77.72 1.39 -4.19	68.86 1.01 -1.63	57.61 0.63 -0.93
LINDEN COGEN____ 23786	51.71 0.90 0.00	56.36 0.73 0.01	50.72 1.04 0.36	46.77 0.91 0.00	42.97 0.87 0.00	44.97 0.94 0.00	45.54 0.99 0.00	50.73 1.15 0.00	50.66 1.30 0.00	50.45 1.23 0.00	51.84 1.32 0.00	52.24 1.16 0.00	63.00 1.57 0.00	73.60 2.94 0.00	68.73 3.70 0.00	71.96 4.39 0.00	66.36 4.57 0.00	78.26 5.02 0.00	80.70 4.64 0.00	84.12 4.09 0.00	79.90 2.46 0.00	73.33 1.21 0.00	66.89 0.67 0.00	57.18 1.12 0.00
LINDHRST_69_KV_BK1 356055	52.66 1.86 0.00	58.08 2.43 0.00	52.52 2.48 0.00	47.92 2.06 0.00	44.08 1.98 0.00	46.22 2.19 0.00	46.68 2.13 0.00	51.84 2.26 0.00	52.07 2.70 0.00	51.62 2.41 0.00	52.70 2.17 0.00	52.68 1.61 0.00	63.69 2.26 0.00	77.04 4.56 -1.82	91.49 5.52 -20.95	92.98 6.31 -19.08	84.89 6.58 -16.51	96.43 7.44 -15.76	96.90 7.05 -13.79	104.05 6.41 -17.60	82.22 4.78 0.00	74.72 3.08 0.49	68.03 2.09 0.28	57.85 1.94 0.14
LIPA_MISC_IPP 23656	52.39 1.59 0.00	57.86 2.22 0.00	52.38 2.35 0.00	47.77 1.91 0.00	43.97 1.87 0.00	46.16 2.13 0.00	46.64 2.09 0.00	51.69 2.11 0.00	51.89 2.53 0.00	51.51 2.29 0.00	52.65 2.10 -0.02	52.37 1.30 0.00	63.38 1.95 0.00	95.61 4.14 -20.80	287.21 5.17 -217.01	250.49 5.94 -176.97	176.09 6.15 -108.15	256.97 7.14 -176.60	242.48 6.81 -159.61	280.08 6.13 -193.91	81.80 4.36 0.00	71.36 2.55 3.32	64.48 1.70 3.44	57.36 1.63 0.31
LISF____SOLAR 323691	52.55 1.75 0.00	58.03 2.39 0.00	52.51 2.47 0.00	47.90 2.04 0.00	44.09 1.99 0.00	46.28 2.26 0.00	46.77 2.22 0.00	51.84 2.27 0.00	52.05 2.68 0.00	51.66 2.44 0.00	52.80 2.26 -0.02	52.52 1.45 0.00	63.55 2.13 0.00	96.17 4.40 -21.10	290.57 5.43 -220.11	255.12 6.23 -181.31	180.91 6.39 -112.72	260.61 7.45 -179.92	248.54 7.17 -165.31	283.23 6.50 -196.70	82.14 4.69 0.00	71.68 2.83 3.29	64.69 1.87 3.40	57.54 1.82 0.33
LITTLE FALLS____HYD 24013	51.85 1.05 0.00	56.51 0.87 0.00	51.03 0.99 0.00	46.88 1.03 0.00	43.11 1.02 0.00	45.04 1.01 0.00	45.44 0.89 0.00	50.43 0.85 0.00	49.59 0.23 0.00	48.96 -0.25 0.00	49.73 -0.80 0.00	50.32 -0.75 0.00	61.07 -0.35 0.00	71.32 0.66 0.00	67.20 2.18 0.00	69.96 2.38 0.00	64.64 2.85 0.00	77.05 3.81 0.00	80.83 4.77 0.00	85.31 5.28 0.00	81.41 3.96 0.00	74.64 2.51 0.00	67.84 1.62 0.00	56.74 0.69 0.00

LITTLRIV_115KV_TB1 356100	53.13 2.33 0.00	58.64 3.00 0.00	52.53 2.49 0.00	48.23 2.37 0.00	44.38 2.28 0.00	46.42 2.39 0.00	47.08 2.53 0.00	52.16 2.58 0.00	51.41 2.05 0.00	51.11 1.89 0.00	52.06 1.53 0.00	52.05 0.98 0.00	61.94 0.51 0.00	69.65 -1.02 0.00	62.94 -2.08 0.00	64.94 -2.64 0.00	58.78 -3.02 0.00	69.75 -3.49 0.00	72.71 -3.35 0.00	78.22 -1.81 0.00	77.58 0.14 0.00	73.62 1.50 0.00	68.59 2.37 0.00	58.52 2.46 0.00
LI_NEWBRDGE___DRP 323616	51.79 0.99 0.00	57.01 1.36 0.00	51.57 1.54 0.00	47.11 1.25 0.00	43.31 1.21 0.00	45.39 1.36 0.00	45.81 1.26 0.00	50.88 1.31 0.00	50.99 1.63 0.00	50.65 1.44 0.00	51.75 1.22 0.00	51.85 0.78 0.00	62.69 1.26 0.00	73.69 3.03 0.00	68.95 3.93 0.01	71.69 4.64 0.53	67.82 4.97 -1.06	78.84 5.56 -0.04	81.25 5.19 0.00	84.48 4.45 0.00	80.39 2.95 0.00	68.56 1.52 5.08	61.57 0.79 5.44	56.99 0.93 0.01
LOCKPORT_115KV_TB60_63_64 80432	51.02 0.22 0.00	55.77 0.13 0.00	48.63 -1.40 0.00	44.08 -1.78 0.00	40.34 -1.76 0.00	42.63 -1.39 0.00	43.43 -1.12 0.00	48.01 -1.56 0.00	48.10 -1.26 0.00	48.72 -0.49 0.00	50.53 0.01 0.00	52.04 0.97 0.00	63.35 1.92 0.00	74.12 3.46 0.00	68.77 3.75 0.00	71.24 3.66 0.00	63.91 2.11 0.00	75.21 1.97 0.00	77.80 1.74 0.00	81.70 1.66 0.00	79.30 1.86 0.00	74.65 2.53 0.00	67.19 0.97 0.00	56.86 0.80 0.00
LOCKPORT___CC1 323769	50.80 0.00 0.00	55.55 -0.10 0.00	48.43 -1.60 0.00	43.90 -1.96 0.00	40.17 -1.93 0.00	42.43 -1.59 0.00	43.22 -1.33 0.00	47.79 -1.79 0.00	47.89 -1.48 0.00	48.50 -0.71 0.00	50.32 -0.20 0.00	51.80 0.73 0.00	63.11 1.69 0.00	73.84 3.17 0.00	68.52 3.50 0.00	70.98 3.40 0.00	63.65 1.86 0.00	74.87 1.64 0.00	77.44 1.38 0.00	81.33 1.30 0.00	78.85 1.49 0.08	74.31 2.18 0.00	66.90 0.68 0.00	56.62 0.57 0.00
LOCKPORT___CC2 323770	50.80 0.00 0.00	55.55 -0.10 0.00	48.43 -1.60 0.00	43.90 -1.96 0.00	40.17 -1.93 0.00	42.43 -1.59 0.00	43.22 -1.33 0.00	47.79 -1.79 0.00	47.89 -1.48 0.00	48.50 -0.71 0.00	50.32 -0.20 0.00	51.80 0.73 0.00	63.11 1.69 0.00	73.84 3.17 0.00	68.52 3.50 0.00	70.98 3.40 0.00	63.65 1.86 0.00	74.87 1.64 0.00	77.44 1.38 0.00	81.33 1.30 0.00	78.85 1.49 0.08	74.31 2.18 0.00	66.90 0.68 0.00	56.62 0.57 0.00
LOCKPORT___CC3 323771	50.80 0.00 0.00	55.55 -0.10 0.00	48.43 -1.60 0.00	43.90 -1.96 0.00	40.17 -1.93 0.00	42.43 -1.59 0.00	43.22 -1.33 0.00	47.79 -1.79 0.00	47.89 -1.48 0.00	48.50 -0.71 0.00	50.32 -0.20 0.00	51.80 0.73 0.00	63.11 1.69 0.00	73.84 3.17 0.00	68.52 3.50 0.00	70.98 3.40 0.00	63.65 1.86 0.00	74.87 1.64 0.00	77.44 1.38 0.00	81.33 1.30 0.00	78.85 1.49 0.08	74.31 2.18 0.00	66.90 0.68 0.00	56.62 0.57 0.00
LOCUSVLY_69_KV_BK2 55797	52.31 1.51 0.00	57.48 1.84 0.00	51.99 1.96 0.00	47.50 1.64 0.00	43.64 1.54 0.00	45.71 1.69 0.00	46.20 1.65 0.00	51.33 1.76 0.00	51.42 2.05 0.00	51.12 1.90 0.00	52.42 1.89 0.00	52.64 1.57 0.00	63.75 2.32 0.00	74.86 4.19 0.00	70.01 4.98 -0.01	76.67 5.76 -3.33	78.60 6.05 -10.75	80.68 6.83 -0.61	82.61 6.55 0.00	85.84 5.81 0.00	81.63 4.18 0.00	77.63 2.55 -2.95	71.43 1.62 -3.59	57.77 1.71 0.00
LONG_LAKE_PHOENIX 24014	50.09 -0.79 -0.09	56.21 -0.91 -1.48	50.42 -0.99 -1.37	45.70 -0.99 -0.83	41.21 -0.89 0.00	43.17 -0.86 0.00	43.72 -0.83 0.00	48.66 -0.95 -0.03	48.46 -0.90 0.00	48.35 -0.92 -0.05	49.65 -0.87 0.00	50.42 -0.65 0.00	65.00 -0.59 -4.16	77.21 -0.19 -6.74	68.45 0.06 -3.37	67.78 0.20 0.00	62.02 0.23 0.00	73.55 0.32 0.00	76.49 0.43 0.00	81.73 0.42 -1.28	81.72 0.06 -4.22	78.27 -0.21 -6.35	67.93 -0.75 -2.46	56.62 -0.84 -1.41
LOVETT___3 23632	51.81 1.01 0.00	56.57 0.92 0.00	51.14 1.10 0.00	46.75 0.89 0.00	42.87 0.77 0.00	44.84 0.81 0.00	45.41 0.86 0.00	50.62 1.04 0.00	50.55 1.19 0.00	50.35 1.14 0.00	51.72 1.20 0.00	52.24 1.17 0.00	63.07 1.65 0.00	73.72 3.05 0.00	68.67 3.65 0.00	71.83 4.25 0.00	66.23 4.44 0.00	78.29 5.06 0.00	80.84 4.78 0.00	84.34 4.31 0.00	80.19 2.74 0.00	73.62 1.50 0.00	67.14 0.92 0.00	57.18 1.13 0.00
LOVETT___4 23642	51.81 1.01 0.00	56.57 0.92 0.00	51.14 1.10 0.00	46.75 0.89 0.00	42.87 0.77 0.00	44.84 0.81 0.00	45.41 0.86 0.00	50.62 1.04 0.00	50.55 1.19 0.00	50.35 1.14 0.00	51.72 1.20 0.00	52.24 1.17 0.00	63.07 1.65 0.00	73.72 3.05 0.00	68.67 3.65 0.00	71.83 4.25 0.00	66.23 4.44 0.00	78.29 5.06 0.00	80.84 4.78 0.00	84.34 4.31 0.00	80.19 2.74 0.00	73.62 1.50 0.00	67.14 0.92 0.00	57.18 1.13 0.00
LOVETT___5 23593	51.81 1.01 0.00	56.57 0.92 0.00	51.14 1.10 0.00	46.75 0.89 0.00	42.87 0.77 0.00	44.84 0.81 0.00	45.41 0.86 0.00	50.62 1.04 0.00	50.55 1.19 0.00	50.35 1.14 0.00	51.72 1.20 0.00	52.24 1.17 0.00	63.07 1.65 0.00	73.72 3.05 0.00	68.67 3.65 0.00	71.83 4.25 0.00	66.23 4.44 0.00	78.29 5.06 0.00	80.84 4.78 0.00	84.34 4.31 0.00	80.19 2.74 0.00	73.62 1.50 0.00	67.14 0.92 0.00	57.18 1.13 0.00
LOWER RAQUET___HYD 24057	52.13 1.33 -0.01	57.74 1.97 -0.13	51.74 1.58 -0.12	47.46 1.54 -0.07	43.58 1.48 0.00	45.56 1.54 0.00	46.19 1.64 0.00	51.25 1.68 0.00	50.73 1.37 0.00	50.58 1.36 0.00	51.58 1.06 0.00	51.53 0.46 0.00	61.67 -0.11 -0.35	69.51 -1.73 -0.57	62.52 -2.79 -0.29	64.24 -3.34 0.00	58.20 -3.59 0.00	69.06 -4.18 0.00	71.92 -4.14 0.00	76.87 -3.27 -0.11	76.18 -1.63 -0.36	72.48 -0.19 -0.54	67.38 0.95 -0.21	57.49 1.32 -0.12
LOWER___HUDSON 24059	51.65 0.85 0.00	56.52 0.87 0.00	51.08 1.04 0.00	46.93 1.07 0.00	43.03 0.93 0.00	44.89 0.87 0.00	45.44 0.89 0.00	50.86 1.28 0.00	50.52 1.16 0.00	50.18 0.97 0.00	51.24 0.72 0.00	51.66 0.59 0.00	62.21 0.78 0.00	72.14 1.47 0.00	67.03 2.01 0.00	70.00 2.42 0.00	64.38 2.58 0.00	76.71 3.47 0.00	79.73 3.67 0.00	83.61 3.58 0.00	80.05 2.60 0.00	74.02 1.89 0.00	67.74 1.52 0.00	56.83 0.77 0.00
LOWVILLE_115KV_TB2 356335	53.54 2.72 -0.02	59.14 3.20 -0.30	52.95 2.64 -0.27	48.40 2.38 -0.17	44.32 2.22 0.00	46.48 2.46 0.00	47.18 2.63 0.00	52.41 2.83 -0.01	51.97 2.61 0.00	51.47 2.24 -0.01	52.61 2.09 0.00	52.64 1.57 0.00	63.97 1.71 -0.83	74.04 2.03 -1.35	67.18 1.48 -0.67	68.81 1.23 0.00	62.72 0.92 0.00	75.03 1.80 0.00	78.87 2.80 0.00	84.06 3.77 -0.25	82.49 4.20 -0.84	77.23 3.84 -1.27	70.54 3.83 -0.49	59.46 3.12 -0.28
LUTHERFT_115KV_GLOB_FND_222 355753	52.56 1.76 0.00	57.49 1.85 0.00	51.89 1.86 0.00	47.64 1.78 0.00	43.70 1.60 0.00	45.64 1.62 0.00	46.25 1.70 0.00	51.70 2.13 0.00	51.31 1.95 0.00	50.96 1.74 0.00	51.98 1.46 0.00	52.40 1.33 0.00	63.25 1.82 0.00	73.32 2.66 0.00	68.27 3.25 0.00	71.52 3.94 0.00	65.53 3.74 0.00	78.07 4.83 0.00	81.44 5.38 0.00	85.48 5.44 0.00	81.75 4.31 0.00	75.57 3.44 0.00	69.07 2.85 0.00	57.86 1.81 0.00

LUTHERNY_35_KV_BK2 355980	52.63 1.83 0.00	57.52 1.88 0.00	51.92 1.88 0.00	47.70 1.84 0.00	43.70 1.60 0.00	45.68 1.65 0.00	46.31 1.76 0.00	51.73 2.16 0.00	51.33 1.97 0.00	51.01 1.79 0.00	52.04 1.51 0.00	52.41 1.34 0.00	63.33 1.90 0.00	73.36 2.70 0.00	68.27 3.25 0.00	71.61 4.03 0.00	65.60 3.81 0.00	78.16 4.92 0.00	81.55 5.50 0.00	85.63 5.60 0.00	81.84 4.40 0.00	75.60 3.47 0.00	69.19 2.97 0.00	57.88 1.82 0.00
LWR___OSWEGATCHIE_HYD 23850	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.01 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.93 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.48 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.56 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
LYONS_FALL_HYD 23570	53.06 2.24 -0.01	58.42 2.56 -0.22	52.35 2.11 -0.20	47.88 1.90 -0.12	43.87 1.77 0.00	45.99 1.96 0.00	46.65 2.10 0.00	51.86 2.28 0.00	51.49 2.13 0.00	51.07 1.85 -0.01	52.28 1.75 0.00	52.51 1.43 0.00	63.78 1.73 -0.61	73.95 2.29 -0.99	67.52 2.00 -0.50	69.34 1.77 0.00	63.36 1.57 0.00	75.59 2.35 0.00	79.17 3.11 0.00	84.04 3.82 -0.19	81.99 3.93 -0.62	76.53 3.46 -0.94	69.78 3.20 -0.36	58.81 2.55 -0.21
MADISON___COUNTY_LFGE 323628	52.56 1.74 -0.01	57.74 1.86 -0.24	51.69 1.43 -0.23	47.27 1.28 -0.14	43.27 1.17 0.00	45.37 1.34 0.00	45.99 1.44 0.00	51.14 1.56 0.00	50.91 1.55 0.00	50.60 1.37 -0.01	51.89 1.36 0.00	52.40 1.33 0.00	64.03 1.92 -0.69	74.65 2.87 -1.11	68.56 2.98 -0.56	70.30 2.73 0.00	64.53 2.73 0.00	76.76 3.52 0.00	79.98 3.91 0.00	84.62 4.37 -0.21	82.18 4.04 -0.70	76.49 3.31 -1.05	69.14 2.51 -0.41	58.17 1.88 -0.23
MALONE___115KV_TB1 356076	52.13 1.33 0.00	57.50 1.86 0.00	51.51 1.47 0.00	47.27 1.41 0.00	43.54 1.44 0.00	45.43 1.41 0.00	46.06 1.51 0.00	51.24 1.67 0.00	50.80 1.43 0.00	50.78 1.57 0.00	52.07 1.55 0.00	52.38 1.31 0.00	62.48 1.06 0.00	70.56 -0.11 0.00	64.06 -0.97 0.00	66.35 -1.22 0.00	60.15 -1.65 0.00	71.19 -2.05 0.00	74.27 -1.79 0.00	78.94 -1.10 0.00	77.50 0.06 0.00	73.27 1.14 0.00	67.92 1.70 0.00	57.75 1.69 0.00
MAPLEWOD_115KV_TB3 80458	51.28 0.48 0.00	56.07 0.42 0.00	50.67 0.64 0.00	46.50 0.65 0.00	42.66 0.56 0.00	44.54 0.51 0.00	45.06 0.51 0.00	50.33 0.75 0.00	50.10 0.73 0.00	49.79 0.58 0.00	50.89 0.36 0.00	51.38 0.31 0.00	61.91 0.48 0.00	71.88 1.22 0.00	66.79 1.77 0.00	69.72 2.14 0.00	64.05 2.26 0.00	76.13 2.90 0.00	79.12 3.06 0.00	82.92 2.88 0.00	79.43 1.99 0.00	73.35 1.22 0.00	67.06 0.84 0.00	56.40 0.34 0.00
MAPLE_RIDGE_WT_1 323574	50.77 -0.03 0.00	55.74 0.10 0.00	50.14 0.11 0.00	45.99 0.13 0.00	42.23 0.12 0.00	44.14 0.11 0.00	44.64 0.09 0.00	49.68 0.10 0.00	49.43 0.07 0.00	49.30 0.09 0.00	50.59 0.06 0.00	50.99 -0.08 0.00	61.13 -0.30 0.00	70.07 -0.59 0.00	64.32 -0.70 0.00	66.75 -0.82 0.00	60.94 -0.85 0.00	72.27 -0.96 0.00	75.12 -0.95 0.00	79.08 -0.96 0.00	76.65 -0.80 0.00	71.60 -0.52 0.00	66.17 -0.05 0.00	56.12 0.07 0.00
MAPLE_RIDGE_WT_2 323611	50.77 -0.03 0.00	55.74 0.10 0.00	50.14 0.11 0.00	45.99 0.13 0.00	42.23 0.12 0.00	44.14 0.11 0.00	44.64 0.09 0.00	49.68 0.10 0.00	49.43 0.07 0.00	49.30 0.09 0.00	50.59 0.06 0.00	50.99 -0.08 0.00	61.13 -0.30 0.00	70.07 -0.59 0.00	64.32 -0.70 0.00	66.75 -0.82 0.00	60.94 -0.85 0.00	72.27 -0.96 0.00	75.12 -0.95 0.00	79.08 -0.96 0.00	76.65 -0.80 0.00	71.60 -0.52 0.00	66.17 -0.05 0.00	56.12 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	51.17 0.37 0.00	56.50 0.86 0.00	50.67 0.63 0.00	46.50 0.65 0.00	42.89 0.78 0.00	44.70 0.67 0.00	45.22 0.67 0.00	50.40 0.82 0.00	49.97 0.60 0.00	49.93 0.72 0.00	51.27 0.75 0.00	51.69 0.62 0.00	61.80 0.37 0.00	69.97 -0.69 0.00	63.63 -1.40 0.00	65.90 -1.68 0.00	59.81 -1.98 0.00	70.72 -2.52 0.00	73.70 -2.36 0.00	78.08 -1.95 0.00	76.40 -1.05 0.00	72.14 0.02 0.00	66.81 0.59 0.00	56.80 0.75 0.00
MARSHVLE_115KV_TB1 80742	53.55 2.75 0.00	58.53 2.88 0.00	52.47 2.44 0.00	47.97 2.12 0.00	44.04 1.94 0.00	46.21 2.18 0.00	46.87 2.32 0.00	51.56 1.99 0.00	50.64 1.28 0.00	50.37 1.16 0.00	51.74 1.22 0.00	52.43 1.36 0.00	63.37 1.94 0.00	73.03 2.36 0.00	67.44 2.41 0.00	69.83 2.25 0.00	63.58 1.79 0.00	75.62 2.39 0.00	79.51 3.45 0.00	84.62 4.59 0.00	82.18 4.73 0.00	76.36 4.23 0.00	69.81 3.58 0.00	59.27 3.21 0.00
MARSH_HILL_WT_PWR 323713	52.01 1.20 -0.01	56.93 1.10 -0.19	50.11 -0.10 -0.18	45.51 -0.45 -0.11	41.71 -0.39 0.00	44.03 0.00 0.00	44.69 0.14 0.00	49.35 -0.23 0.00	49.10 -0.26 0.00	48.91 -0.31 -0.01	50.63 0.10 0.00	51.08 0.00 0.00	62.19 0.11 -0.65	72.85 1.14 -1.05	66.62 1.07 -0.52	68.76 1.18 0.00	63.15 1.36 0.00	74.64 1.40 0.00	77.50 1.44 0.00	83.13 2.90 -0.20	80.74 2.60 -0.69	74.73 1.62 -0.99	66.24 -0.36 -0.38	55.91 -0.37 -0.22
MCINTYRE_115KV_TB2 80467	53.47 2.67 0.00	58.94 3.29 0.00	52.78 2.75 0.00	48.48 2.62 0.00	44.59 2.49 0.00	46.64 2.62 0.00	47.31 2.76 0.00	52.36 2.79 0.00	51.50 2.13 0.00	51.15 1.94 0.00	52.16 1.64 0.00	52.26 1.19 0.00	62.17 0.74 0.00	69.88 -0.79 0.00	63.29 -1.73 0.00	65.18 -2.40 0.00	58.99 -2.80 0.00	70.05 -3.18 0.00	72.95 -3.11 0.00	78.76 -1.27 0.00	78.31 0.87 0.00	74.33 2.20 0.00	69.17 2.95 0.00	58.96 2.90 0.00
MECO_____69_KV_BK1 80468	54.12 3.32 0.00	59.11 3.47 0.00	53.05 3.02 0.00	48.54 2.69 0.00	44.56 2.46 0.00	46.71 2.68 0.00	47.37 2.82 0.00	52.25 2.68 0.00	51.00 1.64 0.00	50.50 1.28 0.00	51.42 0.90 0.00	52.08 1.01 0.00	63.31 1.88 0.00	73.30 2.64 0.00	68.98 3.96 0.00	71.14 3.56 0.00	64.84 3.04 0.00	77.44 4.20 0.00	81.76 5.70 0.00	86.72 6.69 0.00	83.98 6.53 0.00	77.78 5.65 0.00	70.89 4.67 0.00	59.86 3.80 0.00
MENANDS___115KV_TB5 355628	50.80 0.00 0.00	55.57 -0.07 0.00	50.26 0.23 0.00	46.14 0.28 0.00	42.34 0.23 0.00	44.18 0.16 0.00	44.70 0.15 0.00	49.92 0.35 0.00	49.68 0.32 0.00	49.39 0.18 0.00	50.48 -0.05 0.00	50.94 -0.13 0.00	61.36 -0.07 0.00	71.20 0.53 0.00	66.14 1.12 0.00	68.96 1.38 0.00	63.41 1.62 0.00	75.41 2.17 0.00	78.30 2.25 0.00	82.02 1.99 0.00	78.57 1.13 0.00	72.57 0.44 0.00	66.38 0.16 0.00	55.85 -0.20 0.00
MG INDUSTRY___DRP 24185	49.79 -1.01 0.00	54.48 -1.16 0.00	49.32 -0.72 0.00	45.28 -0.58 0.00	41.56 -0.54 0.00	43.40 -0.63 0.00	43.83 -0.73 0.00	48.84 -0.73 0.00	48.54 -0.83 0.00	48.18 -1.04 0.00	49.27 -1.25 0.00	49.73 -1.34 0.00	59.85 -1.58 0.00	69.33 -1.33 0.00	64.29 -0.73 0.00	66.90 -0.67 0.00	61.64 -0.15 0.00	73.17 -0.07 0.00	76.14 0.08 0.00	79.92 -0.11 0.00	76.80 -0.64 0.00	71.01 -1.12 0.00	65.00 -1.22 0.00	54.82 -1.24 0.00

MID___OSWEGATCHIE_HYD 23849	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.01 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.93 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.48 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.56 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
MID___RAQUETTE_HYD 23851	52.13 1.33 -0.01	57.74 1.97 -0.13	51.74 1.58 -0.12	47.46 1.54 -0.07	43.58 1.48 0.00	45.56 1.54 0.00	46.19 1.64 0.00	51.26 1.68 0.00	50.73 1.37 0.00	50.58 1.36 0.00	51.59 1.06 0.00	51.53 0.46 0.00	61.67 -0.11 -0.35	69.51 -1.73 -0.57	62.52 -2.79 -0.29	64.24 -3.34 0.00	58.20 -3.59 0.00	69.06 -4.18 0.00	71.92 -4.14 0.00	76.87 -3.27 -0.11	76.18 -1.63 -0.36	72.48 -0.19 -0.54	67.38 0.95 -0.21	57.49 1.32 -0.12
MILLIKEN___1 23584	52.01 1.18 -0.03	57.30 1.14 -0.52	51.18 0.67 -0.48	46.68 0.53 -0.29	42.54 0.44 0.00	44.60 0.57 0.00	45.21 0.66 0.00	50.24 0.66 -0.01	50.04 0.68 0.00	49.69 0.46 -0.02	51.08 0.56 0.00	51.85 0.78 0.00	64.26 1.35 -1.48	75.31 2.25 -2.39	68.47 2.25 -1.20	69.91 2.34 0.00	64.07 2.27 0.00	76.07 2.84 0.00	79.36 3.30 0.00	84.27 3.79 -0.45	82.18 3.24 -1.50	77.08 2.70 -2.25	68.64 1.54 -0.87	57.68 1.13 -0.50
MILLIKEN___2 23585	52.01 1.18 -0.03	57.30 1.14 -0.52	51.18 0.67 -0.48	46.68 0.53 -0.29	42.54 0.44 0.00	44.60 0.57 0.00	45.21 0.66 0.00	50.24 0.66 -0.01	50.04 0.68 0.00	49.69 0.46 -0.02	51.08 0.56 0.00	51.85 0.78 0.00	64.26 1.35 -1.48	75.31 2.25 -2.39	68.47 2.25 -1.20	69.91 2.34 0.00	64.07 2.27 0.00	76.07 2.84 0.00	79.36 3.30 0.00	84.27 3.79 -0.45	82.18 3.24 -1.50	77.08 2.70 -2.25	68.64 1.54 -0.87	57.68 1.13 -0.50
MILLIKEN___DIESEL 23629	52.01 1.18 -0.03	57.30 1.14 -0.52	51.18 0.67 -0.48	46.68 0.53 -0.29	42.54 0.44 0.00	44.60 0.57 0.00	45.21 0.66 0.00	50.24 0.66 -0.01	50.04 0.68 0.00	49.69 0.46 -0.02	51.08 0.56 0.00	51.85 0.78 0.00	64.26 1.35 -1.48	75.31 2.25 -2.39	68.47 2.25 -1.20	69.91 2.34 0.00	64.07 2.27 0.00	76.07 2.84 0.00	79.36 3.30 0.00	84.27 3.79 -0.45	82.18 3.24 -1.50	77.08 2.70 -2.25	68.64 1.54 -0.87	57.68 1.13 -0.50
MILLSEAT___LFGE 323607	52.27 1.47 0.00	57.08 1.44 0.00	49.89 -0.15 0.00	45.21 -0.65 0.00	41.39 -0.71 0.00	43.72 -0.30 0.00	44.55 0.00 0.00	49.38 -0.19 0.00	49.48 0.12 0.00	49.97 0.76 0.00	51.64 1.11 0.00	53.08 2.01 0.00	64.51 3.08 0.00	75.48 4.81 0.00	70.06 5.04 0.00	72.52 4.94 0.00	65.24 3.44 0.00	77.00 3.77 0.00	80.05 3.99 0.00	84.35 4.32 0.00	81.67 4.30 0.07	76.68 4.55 0.00	68.87 2.65 0.00	58.13 2.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.89 1.09 0.00	56.66 1.02 0.00	51.25 1.22 0.00	46.87 1.01 0.00	43.03 0.93 0.00	45.01 0.98 0.00	45.58 1.03 0.00	50.82 1.24 0.00	50.74 1.38 0.00	50.51 1.30 0.00	51.88 1.36 0.00	52.36 1.29 0.00	63.20 1.77 0.00	73.83 3.16 0.00	68.82 3.79 0.00	71.98 4.41 0.00	66.39 4.60 0.00	78.47 5.24 0.00	81.03 4.97 0.00	84.53 4.50 0.00	80.41 2.97 0.00	73.84 1.72 0.00	67.32 1.10 0.00	57.33 1.27 0.00
MILLWOOD_13_KV_LOAD 356217	51.99 1.19 0.00	56.77 1.13 0.00	51.35 1.31 0.00	46.96 1.10 0.00	43.10 1.00 0.00	45.09 1.07 0.00	45.66 1.11 0.00	50.90 1.33 0.00	50.84 1.47 0.00	50.62 1.41 0.00	51.99 1.47 0.00	52.47 1.41 0.00	63.34 1.92 0.00	74.00 3.33 0.00	69.00 3.97 0.00	72.18 4.60 0.00	66.58 4.78 0.00	78.70 5.47 0.00	81.26 5.20 0.00	84.77 4.74 0.00	80.64 3.20 0.00	74.06 1.93 0.00	67.49 1.27 0.00	57.46 1.40 0.00
MODEL_CITY_ENERGY 24167	50.67 -0.13 0.00	55.40 -0.24 0.00	48.30 -1.73 0.00	43.79 -2.06 0.00	40.08 -2.02 0.00	42.40 -1.63 0.00	43.18 -1.37 0.00	47.68 -1.89 0.00	47.74 -1.62 0.00	48.39 -0.82 0.00	50.21 -0.32 0.00	51.70 0.63 0.00	62.89 1.46 0.00	73.53 2.86 0.00	68.21 3.18 0.00	70.65 3.08 0.00	63.37 1.57 0.00	74.54 1.31 0.00	77.08 1.02 0.00	80.88 0.85 0.00	78.48 1.12 0.08	74.01 1.88 0.00	66.65 0.43 0.00	56.46 0.41 0.00
MODERN_LFGE___ 323580	50.67 -0.13 0.00	55.40 -0.24 0.00	48.30 -1.73 0.00	43.79 -2.06 0.00	40.08 -2.02 0.00	42.40 -1.63 0.00	43.18 -1.37 0.00	47.68 -1.89 0.00	47.74 -1.62 0.00	48.39 -0.82 0.00	50.21 -0.32 0.00	51.70 0.63 0.00	62.89 1.46 0.00	73.53 2.86 0.00	68.21 3.18 0.00	70.65 3.08 0.00	63.37 1.57 0.00	74.54 1.31 0.00	77.08 1.02 0.00	80.88 0.85 0.00	78.48 1.12 0.08	74.01 1.88 0.00	66.65 0.43 0.00	56.46 0.41 0.00
MOHAWK_PAPER___DRP 24187	51.28 0.48 0.00	56.07 0.42 0.00	50.67 0.64 0.00	46.50 0.65 0.00	42.66 0.56 0.00	44.54 0.51 0.00	45.06 0.51 0.00	50.33 0.75 0.00	50.10 0.73 0.00	49.79 0.58 0.00	50.89 0.36 0.00	51.38 0.31 0.00	61.91 0.48 0.00	71.88 1.22 0.00	66.79 1.77 0.00	69.72 2.14 0.00	64.05 2.26 0.00	76.13 2.90 0.00	79.12 3.06 0.00	82.92 2.88 0.00	79.43 1.99 0.00	73.35 1.22 0.00	67.06 0.84 0.00	56.40 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	52.82 2.02 0.00	57.92 2.28 0.00	52.27 2.23 0.00	48.01 2.16 0.00	44.08 1.98 0.00	45.93 1.91 0.00	46.67 2.12 0.00	52.38 2.80 0.00	51.85 2.48 0.00	51.42 2.21 0.00	52.19 1.67 0.00	52.50 1.43 0.00	63.42 1.99 0.00	73.59 2.92 0.00	68.72 3.69 0.00	72.15 4.58 0.00	66.19 4.39 0.00	79.14 5.90 0.00	82.76 6.70 0.00	86.89 6.86 0.00	82.69 5.25 0.00	76.50 4.38 0.00	69.81 3.59 0.00	58.10 2.05 0.00
MONGAUP___HYD 23641	52.67 1.88 0.00	57.48 1.84 0.00	51.78 1.75 0.00	47.31 1.45 0.00	43.40 1.30 0.00	45.40 1.38 0.00	46.01 1.45 0.00	51.29 1.72 0.00	51.03 1.67 0.00	50.82 1.60 0.00	52.12 1.59 0.00	52.18 1.11 0.00	63.10 1.67 0.00	73.67 3.01 0.00	68.53 3.50 0.00	72.20 4.62 0.00	66.46 4.66 0.00	78.84 5.60 0.00	81.98 5.92 0.00	85.94 5.91 0.00	82.08 4.64 0.00	75.47 3.35 0.00	68.63 2.41 0.00	58.16 2.11 0.00
MONTAUK___DIESEL 23721	54.53 3.73 0.00	60.33 4.69 0.00	54.22 4.19 0.00	49.33 3.47 0.00	45.45 3.35 0.00	47.88 3.86 0.00	48.49 3.94 0.00	53.94 4.37 0.00	54.42 5.06 0.00	54.13 4.92 0.00	55.35 4.80 -0.02	54.72 3.65 0.00	66.59 5.16 0.00	99.76 8.17 -20.92	292.20 8.87 -218.31	256.20 9.96 -178.67	181.66 10.01 -109.86	263.03 11.85 -177.94	249.46 11.62 -161.78	286.06 10.95 -195.08	86.05 8.61 0.00	74.85 6.03 3.31	68.04 5.25 3.43	60.32 4.58 0.32
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.72 1.92 0.00	57.54 1.89 0.00	49.99 -0.05 0.00	45.44 -0.41 0.00	41.81 -0.29 0.00	44.09 0.07 0.00	44.96 0.40 0.00	49.99 0.41 0.00	50.32 0.96 0.00	50.57 1.35 0.00	52.56 2.03 0.00	53.88 2.81 0.00	65.34 3.91 0.00	76.61 5.94 0.00	71.03 6.00 0.00	73.79 6.21 0.00	66.66 4.86 0.00	78.29 5.05 0.00	80.81 4.75 0.00	85.15 5.12 0.00	82.00 4.55 0.00	76.69 4.56 0.00	69.22 3.00 0.00	58.41 2.36 0.00

MORRIS_RIDGE___SOLAR 323848	51.38 0.57 -0.01	56.26 0.47 -0.14	49.49 -0.67 -0.13	45.02 -0.91 -0.08	41.25 -0.85 0.00	43.42 -0.60 0.00	44.09 -0.46 0.00	48.65 -0.93 0.00	48.34 -1.02 0.00	48.34 -0.88 0.00	50.08 -0.45 0.00	50.29 -0.78 0.00	59.47 -1.23 0.72	66.05 -0.49 4.12	17.51 -0.32 47.20	-10.14 -0.27 77.45	-10.14 0.05 71.98	-10.14 -0.10 83.28	50.43 0.09 25.73	82.27 2.02 -0.22	80.07 1.82 -0.81	74.16 0.95 -1.08	65.84 -0.80 -0.42	55.59 -0.70 -0.24
MORTIMER_115KV_TB3 55949	51.65 0.85 0.00	56.43 0.79 0.00	49.83 -0.21 0.00	45.28 -0.57 0.00	41.50 -0.59 0.00	43.63 -0.40 0.00	44.38 -0.17 0.00	49.47 -0.10 0.00	49.57 0.21 0.00	49.90 0.69 0.00	51.57 1.04 0.00	52.80 1.73 0.00	64.20 2.77 0.00	74.91 4.24 0.00	69.39 4.37 0.00	72.08 4.51 0.00	65.29 3.50 0.00	77.20 3.96 0.00	80.07 4.01 0.00	84.13 4.10 0.00	81.08 3.64 0.00	75.62 3.50 0.00	68.28 2.06 0.00	57.50 1.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.09 1.29 0.00	56.82 1.18 0.00	51.44 1.40 0.00	47.08 1.23 0.00	43.27 1.16 0.00	45.25 1.22 0.00	45.84 1.29 0.00	51.06 1.48 0.00	50.99 1.62 0.00	50.77 1.56 0.00	52.18 1.66 0.00	52.57 1.50 0.00	63.42 1.99 0.00	74.06 3.39 0.00	69.12 4.10 0.00	72.34 4.76 0.00	66.73 4.94 0.00	78.76 5.52 0.00	81.26 5.20 0.00	84.71 4.67 0.00	80.53 3.09 0.00	73.93 1.81 0.00	67.40 1.18 0.00	57.56 1.51 0.00
MUNSVILLE_WIND_PWR 323609	54.96 4.14 -0.02	60.22 4.24 -0.34	53.72 3.38 -0.31	49.13 3.08 -0.19	45.02 2.92 0.00	47.33 3.30 0.00	48.06 3.50 0.00	53.34 3.75 -0.01	53.16 3.80 0.00	52.52 3.30 -0.01	53.99 3.47 0.00	54.79 3.72 0.00	67.48 5.08 -0.97	79.35 7.12 -1.57	71.85 6.04 -0.78	73.97 6.39 0.00	68.00 6.20 0.00	80.70 7.46 0.00	84.24 8.18 0.00	89.46 9.13 -0.30	86.42 7.97 -1.01	80.26 6.65 -1.48	71.56 4.77 -0.57	60.30 3.92 -0.33
N SALMON___HYD 24042	52.13 1.33 0.00	57.50 1.86 0.00	51.51 1.47 0.00	47.27 1.41 0.00	43.54 1.44 0.00	45.43 1.41 0.00	46.06 1.50 0.00	51.24 1.67 0.00	50.80 1.43 0.00	50.78 1.57 0.00	52.08 1.55 0.00	52.38 1.31 0.00	62.48 1.05 0.00	70.56 -0.11 0.00	64.06 -0.97 0.00	66.35 -1.23 0.00	60.14 -1.65 0.00	71.19 -2.05 0.00	74.27 -1.79 0.00	78.94 -1.10 0.00	77.50 0.06 0.00	73.26 1.14 0.00	67.92 1.70 0.00	57.75 1.69 0.00
N.AKRON__115KV_KNAPP 355671	51.90 1.10 0.00	56.71 1.06 0.00	49.50 -0.53 0.00	44.87 -0.99 0.00	41.07 -1.03 0.00	43.41 -0.62 0.00	44.23 -0.32 0.00	48.97 -0.60 0.00	49.06 -0.30 0.00	49.61 0.40 0.00	51.33 0.81 0.00	52.83 1.76 0.00	64.26 2.84 0.00	75.20 4.54 0.00	69.76 4.74 0.00	72.25 4.67 0.00	64.95 3.16 0.00	76.59 3.35 0.00	79.41 3.36 0.00	83.57 3.53 0.00	81.03 3.59 0.00	76.09 3.96 0.00	68.39 2.17 0.00	57.78 1.73 0.00
N.E_GEN_SANDY PD 24062	51.23 0.43 0.00	57.32 0.39 -1.30	49.74 0.67 0.96	46.97 0.70 -0.42	42.68 0.58 0.00	44.51 0.49 0.00	41.65 0.55 3.44	56.40 0.94 -5.88	50.26 0.90 0.00	49.96 0.74 0.00	51.07 0.55 0.00	55.74 0.42 -4.26	57.55 0.55 4.43	69.20 1.38 2.84	66.75 1.99 0.27	69.21 2.37 0.73	64.54 2.69 -0.06	82.05 3.55 -5.27	80.82 3.52 -1.25	95.66 3.23 -12.39	80.79 2.05 -1.30	73.31 1.18 0.00	71.51 0.88 -4.41	48.47 0.44 8.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.96 1.16 0.00	56.71 1.07 0.00	51.26 1.22 0.00	46.83 0.97 0.00	42.94 0.84 0.00	44.93 0.90 0.00	45.48 0.93 0.00	50.72 1.14 0.00	50.66 1.30 0.00	50.47 1.25 0.00	51.87 1.34 0.00	52.41 1.34 0.00	63.32 1.89 0.00	74.04 3.37 0.00	68.98 3.96 0.00	72.14 4.56 0.00	66.52 4.73 0.00	78.66 5.42 0.00	81.22 5.16 0.00	84.70 4.67 0.00	80.51 3.06 0.00	73.89 1.77 0.00	67.35 1.14 0.00	57.36 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	52.11 1.31 0.00	56.73 1.09 0.00	51.48 1.44 0.00	47.06 1.20 0.00	43.26 1.16 0.00	45.19 1.17 0.00	45.85 1.30 0.00	50.96 1.38 0.00	50.92 1.55 0.00	50.63 1.42 0.00	52.16 1.63 0.00	52.46 1.39 0.00	63.06 1.63 0.00	73.60 2.94 0.00	68.71 3.68 0.00	72.00 4.42 0.00	66.43 4.64 0.00	78.20 4.97 0.00	80.57 4.51 0.00	84.08 4.05 0.00	79.99 2.54 0.00	73.48 1.36 0.00	67.11 0.89 0.00	57.71 1.65 0.00
N.TROY___115KV_TB1 355778	51.65 0.85 0.00	56.52 0.88 0.00	51.08 1.05 0.00	46.93 1.07 0.00	43.03 0.93 0.00	44.89 0.87 0.00	45.44 0.89 0.00	50.86 1.29 0.00	50.52 1.16 0.00	50.18 0.97 0.00	51.24 0.72 0.00	51.66 0.59 0.00	62.21 0.78 0.00	72.14 1.47 0.00	67.03 2.01 0.00	70.00 2.42 0.00	64.38 2.58 0.00	76.71 3.47 0.00	79.73 3.67 0.00	83.61 3.57 0.00	80.05 2.61 0.00	74.02 1.89 0.00	67.75 1.53 0.00	56.83 0.77 0.00
NARROWS_GT1_1 24228	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_2 24229	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_3 24230	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_4 24231	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_5 24232	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00

NARROWS_GT1_6 24233	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_7 24234	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT1_8 24235	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_1 24236	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_2 24237	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_3 24238	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_4 24239	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_5 24240	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_6 24241	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_7 24242	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NARROWS_GT2_8 24243	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.98 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.95 4.90 0.00	84.40 4.37 0.01	80.22 2.78 0.01	73.71 1.58 0.01	67.29 1.06 0.00	57.75 1.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.47 0.67 0.00	56.24 0.60 0.00	50.80 0.77 0.00	46.64 0.79 0.00	42.79 0.69 0.00	44.70 0.67 0.00	45.21 0.66 0.00	50.47 0.89 0.00	50.14 0.78 0.00	49.67 0.46 0.00	50.56 0.04 0.00	51.12 0.04 0.00	61.50 0.06 0.00	71.37 0.71 0.00	66.30 1.28 0.00	69.13 1.55 0.00	63.51 1.71 0.00	75.98 2.75 0.00	79.29 3.23 0.00	83.57 3.54 0.00	80.29 2.85 0.00	74.07 1.95 0.00	67.52 1.31 0.00	56.65 0.60 0.00
NCHELSEA_115KV_TR2 355582	52.45 1.65 0.00	57.23 1.59 0.00	51.69 1.65 0.00	47.28 1.42 0.00	43.39 1.29 0.00	45.39 1.36 0.00	45.99 1.44 0.00	51.33 1.75 0.00	51.28 1.92 0.00	51.08 1.87 0.00	52.40 1.88 0.00	52.92 1.85 0.00	63.96 2.53 0.00	74.75 4.08 0.00	69.66 4.63 0.00	72.88 5.31 0.00	67.29 5.50 0.00	79.66 6.43 0.00	82.36 6.30 0.00	85.93 5.89 0.00	81.78 4.34 0.00	75.09 2.96 0.00	68.35 2.13 0.00	58.00 1.95 0.00
NEG CAPITAL___MECHNVIL 23645	52.65 1.85 0.00	57.59 1.95 0.00	51.96 1.92 0.00	47.71 1.85 0.00	43.75 1.65 0.00	45.69 1.66 0.00	46.31 1.76 0.00	51.78 2.20 0.00	51.42 2.05 0.00	51.09 1.87 0.00	52.15 1.62 0.00	52.60 1.53 0.00	63.52 2.09 0.00	73.64 2.97 0.00	68.56 3.53 0.00	71.82 4.24 0.00	65.79 3.99 0.00	78.37 5.14 0.00	81.68 5.61 0.00	85.73 5.69 0.00	81.95 4.51 0.00	75.72 3.60 0.00	69.20 2.98 0.00	57.97 1.92 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.66 -0.14 0.00	55.35 -0.29 0.00	49.03 -1.01 0.00	44.62 -1.23 0.00	40.90 -1.20 0.00	42.99 -1.04 0.00	43.69 -0.86 0.00	48.60 -0.97 0.00	48.62 -0.75 0.00	48.88 -0.33 0.00	50.47 -0.05 0.00	51.59 0.52 0.00	62.68 1.25 0.00	72.99 2.33 0.00	67.59 2.57 0.00	70.29 2.71 0.00	63.77 1.97 0.00	75.46 2.23 0.00	78.33 2.27 0.00	82.28 2.25 0.00	79.22 1.80 0.03	73.84 1.71 0.00	66.70 0.47 0.00	56.16 0.10 0.00

NEG CENTRAL___DRP 24199	51.48 0.65 -0.03	56.70 0.53 -0.52	50.53 0.01 -0.48	46.03 -0.12 -0.29	41.98 -0.12 0.00	44.03 0.00 0.00	44.63 0.09 0.00	49.63 0.04 -0.01	49.47 0.11 0.00	49.38 0.15 -0.02	50.83 0.30 0.00	51.62 0.55 0.00	64.11 1.19 -1.48	75.17 2.11 -2.40	68.45 2.23 -1.20	69.98 2.40 0.00	64.00 2.21 0.00	75.81 2.57 0.00	79.02 2.96 0.00	83.81 3.33 -0.45	81.64 2.70 -1.50	76.67 2.28 -2.26	68.08 0.98 -0.87	57.13 0.58 -0.50
NEG CENTRAL___INDECK 23768	52.22 1.42 0.00	56.91 1.27 0.00	50.14 0.11 0.00	45.59 -0.27 0.00	41.86 -0.24 0.00	44.09 0.06 0.00	44.98 0.42 0.00	49.86 0.28 0.00	49.30 -0.06 0.00	49.03 -0.19 0.00	50.88 0.35 0.00	51.80 0.73 0.00	62.92 1.06 -0.44	73.81 2.44 -0.70	67.82 2.44 -0.35	69.89 2.31 0.00	63.65 1.86 0.00	75.25 2.02 0.00	78.54 2.48 0.00	84.39 4.22 -0.13	82.26 4.35 -0.47	76.45 3.66 -0.66	68.15 1.67 -0.25	57.26 1.06 -0.15
NEG CENTRAL___SENECA 23627	51.78 0.96 -0.02	56.77 0.84 -0.29	50.47 0.17 -0.27	46.04 0.02 -0.16	42.15 0.05 0.00	44.24 0.21 0.00	44.84 0.29 0.00	49.82 0.24 -0.01	49.71 0.35 0.00	49.62 0.39 -0.01	51.10 0.57 0.00	51.90 0.83 0.00	63.84 1.57 -0.84	74.68 2.66 -1.36	68.42 2.72 -0.68	70.55 2.97 0.00	64.55 2.75 0.00	76.45 3.21 0.00	79.68 3.62 0.00	84.37 4.08 -0.26	81.70 3.41 -0.85	76.28 2.88 -1.28	68.06 1.34 -0.49	57.21 0.87 -0.28
NEG CENTRAL___STATE_STREET 24147	51.41 0.57 -0.04	56.86 0.53 -0.68	50.82 0.15 -0.63	46.29 0.04 -0.39	41.98 -0.12 0.00	43.98 -0.05 0.00	44.58 0.03 0.00	49.58 -0.02 -0.01	49.44 0.07 0.00	49.27 0.03 -0.03	50.72 0.19 0.00	51.45 0.38 0.00	64.48 1.11 -1.94	75.78 1.98 -3.13	68.65 2.06 -1.56	69.55 1.97 0.00	63.58 1.79 0.00	75.37 2.13 0.00	78.54 2.48 0.00	83.44 2.81 -0.59	81.68 2.28 -1.96	77.12 2.05 -2.95	68.37 1.01 -1.14	57.32 0.62 -0.65
NEG MILLWOOD___DRP 24198	52.48 1.68 0.00	57.25 1.61 0.00	51.74 1.71 0.00	47.33 1.47 0.00	43.44 1.34 0.00	45.45 1.42 0.00	46.05 1.50 0.00	51.42 1.84 0.00	51.36 1.99 0.00	51.15 1.94 0.00	52.53 2.00 0.00	53.05 1.98 0.00	64.13 2.70 0.00	74.96 4.30 0.00	69.93 4.90 0.00	73.20 5.62 0.00	67.55 5.76 0.00	79.98 6.75 0.00	82.64 6.57 0.00	86.18 6.14 0.00	81.97 4.52 0.00	75.22 3.10 0.00	68.42 2.20 0.00	58.09 2.03 0.00
NEG NORTH_FLCN_SEA 23793	51.16 0.36 0.00	56.54 0.90 0.00	50.91 0.87 0.00	46.73 0.88 0.00	43.17 1.06 0.00	44.89 0.86 0.00	45.24 0.70 0.00	50.53 0.96 0.00	49.97 0.61 0.00	49.91 0.69 0.00	51.23 0.70 0.00	51.67 0.59 0.00	61.80 0.37 0.00	70.06 -0.61 0.00	63.69 -1.34 0.00	66.02 -1.56 0.00	59.96 -1.83 0.00	70.86 -2.37 0.00	73.94 -2.13 0.00	78.30 -1.73 0.00	76.45 -0.99 0.00	72.38 0.26 0.00	66.88 0.65 0.00	56.79 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	51.34 0.54 0.00	56.67 1.03 0.00	50.81 0.78 0.00	46.63 0.77 0.00	42.99 0.89 0.00	44.82 0.80 0.00	45.36 0.81 0.00	50.52 0.95 0.00	50.01 0.65 0.00	49.99 0.77 0.00	51.33 0.81 0.00	51.73 0.66 0.00	61.82 0.39 0.00	69.91 -0.75 0.00	63.52 -1.50 0.00	65.78 -1.80 0.00	59.67 -2.13 0.00	70.55 -2.68 0.00	73.52 -2.54 0.00	78.06 -1.97 0.00	76.57 -0.87 0.00	72.36 0.23 0.00	67.04 0.82 0.00	56.99 0.93 0.00
NEG NORTH___ALICE_FALLS 23915	51.61 0.81 0.00	56.99 1.35 0.00	51.20 1.17 0.00	46.99 1.14 0.00	43.38 1.28 0.00	45.15 1.12 0.00	45.61 1.06 0.00	50.90 1.32 0.00	50.34 0.98 0.00	50.20 0.98 0.00	51.55 1.02 0.00	51.98 0.91 0.00	62.18 0.76 0.00	70.46 -0.20 0.00	64.12 -0.90 0.00	66.52 -1.06 0.00	60.34 -1.45 0.00	71.33 -1.91 0.00	74.46 -1.61 0.00	79.05 -0.98 0.00	77.25 -0.20 0.00	73.08 0.95 0.00	67.51 1.29 0.00	57.32 1.26 0.00
NEG NORTH___LWR_SARANAC 23913	51.61 0.81 0.00	56.99 1.35 0.00	51.20 1.17 0.00	46.99 1.14 0.00	43.38 1.28 0.00	45.15 1.12 0.00	45.61 1.06 0.00	50.90 1.32 0.00	50.34 0.98 0.00	50.20 0.98 0.00	51.55 1.02 0.00	51.98 0.91 0.00	62.18 0.76 0.00	70.46 -0.20 0.00	64.12 -0.90 0.00	66.52 -1.06 0.00	60.34 -1.45 0.00	71.33 -1.91 0.00	74.46 -1.61 0.00	79.05 -0.98 0.00	77.25 -0.20 0.00	73.08 0.95 0.00	67.51 1.29 0.00	57.32 1.26 0.00
NEG NORTH___PLATTSBURG 23628	51.61 0.81 0.00	56.99 1.35 0.00	51.20 1.17 0.00	46.99 1.14 0.00	43.38 1.28 0.00	45.15 1.12 0.00	45.61 1.06 0.00	50.90 1.32 0.00	50.34 0.98 0.00	50.20 0.98 0.00	51.55 1.02 0.00	51.98 0.91 0.00	62.18 0.75 0.00	70.46 -0.20 0.00	64.12 -0.90 0.00	66.52 -1.06 0.00	60.34 -1.45 0.00	71.33 -1.91 0.00	74.46 -1.60 0.00	79.05 -0.98 0.00	77.25 -0.19 0.00	73.08 0.95 0.00	67.51 1.29 0.00	57.32 1.26 0.00
NEG WEST_LEA_LOCKPORT 23791	50.80 0.00 0.00	55.54 -0.10 0.00	48.43 -1.60 0.00	43.89 -1.96 0.00	40.17 -1.93 0.00	42.43 -1.59 0.00	43.22 -1.33 0.00	47.79 -1.79 0.00	47.88 -1.48 0.00	48.50 -0.71 0.00	50.32 -0.20 0.00	51.80 0.73 0.00	63.12 1.69 0.00	73.84 3.18 0.00	68.53 3.50 0.00	70.98 3.40 0.00	63.65 1.86 0.00	74.87 1.64 0.00	77.44 1.38 0.00	81.32 1.29 0.00	78.93 1.49 0.00	74.32 2.19 0.00	66.91 0.68 0.00	56.62 0.57 0.00
NEG WEST___LANCASTR 23811	50.98 0.18 0.00	55.75 0.11 0.00	48.82 -1.21 0.00	44.31 -1.54 0.00	40.60 -1.49 0.00	42.75 -1.28 0.00	43.50 -1.05 0.00	48.24 -1.33 0.00	48.44 -0.92 0.00	48.80 -0.42 0.00	50.65 0.13 0.00	51.96 0.90 0.00	63.51 2.09 0.00	74.38 3.72 0.00	68.97 3.95 0.00	71.58 4.00 0.00	64.54 2.75 0.00	75.95 2.72 0.00	78.45 2.39 0.00	82.37 2.34 0.00	79.48 2.04 0.00	74.40 2.27 0.00	67.00 0.78 0.00	56.59 0.53 0.00
NEG_PENN_ALLEGHNY 23528	51.34 0.53 -0.02	56.43 0.47 -0.32	50.44 0.11 -0.30	46.09 0.05 -0.18	42.14 0.04 0.00	44.17 0.14 0.00	44.74 0.19 0.00	49.72 0.13 -0.01	49.65 0.29 0.00	49.40 0.18 -0.01	50.88 0.36 0.00	51.58 0.51 0.00	63.53 1.16 -0.94	74.34 2.16 -1.51	68.08 2.29 -0.76	70.09 2.52 0.00	64.30 2.51 0.00	76.07 2.83 0.00	78.96 2.90 0.00	83.31 2.99 -0.29	80.57 2.15 -0.98	75.15 1.60 -1.43	67.33 0.56 -0.55	56.86 0.48 -0.31
NEG___GEN_MONROE 24207	52.50 1.70 0.00	57.16 1.52 0.00	50.33 0.30 0.00	45.63 -0.23 0.00	41.77 -0.33 0.00	43.95 -0.08 0.00	44.74 0.19 0.00	50.00 0.43 0.00	49.96 0.60 0.00	50.29 1.07 0.00	51.94 1.41 0.00	53.17 2.10 0.00	64.65 3.22 0.00	75.48 4.81 0.00	69.97 4.94 0.00	72.60 5.02 0.00	65.71 3.91 0.00	77.69 4.45 0.00	80.70 4.64 0.00	84.96 4.93 0.00	81.96 4.52 0.00	76.51 4.39 0.00	68.98 2.76 0.00	58.15 2.09 0.00
NEPA___ENERGY 23901	51.28 0.48 0.00	56.06 0.41 0.00	48.99 -1.04 0.00	44.66 -1.20 0.00	40.99 -1.11 0.00	43.11 -0.91 0.00	43.83 -0.72 0.00	48.64 -0.94 0.00	48.92 -0.45 0.00	48.93 -0.28 0.00	50.85 0.33 0.00	52.09 1.02 0.00	63.77 2.34 0.00	74.89 4.23 0.00	69.22 4.19 0.00	71.95 4.37 0.00	65.28 3.49 0.00	76.66 3.42 0.00	79.27 3.21 0.00	83.34 3.31 0.00	79.87 2.43 0.00	74.62 2.50 0.00	67.05 0.83 0.00	56.88 0.83 0.00

NEVERSINK____HYD 23608	51.96 1.16 0.00	56.67 1.03 0.00	51.09 1.05 0.00	46.68 0.82 0.00	42.83 0.73 0.00	44.82 0.79 0.00	45.38 0.83 0.00	50.60 1.03 0.00	50.54 1.17 0.00	50.33 1.11 0.00	51.71 1.18 0.00	52.13 1.06 0.00	63.06 1.63 0.00	73.76 3.09 0.00	68.33 3.30 0.00	69.76 2.18 0.00	64.55 2.75 0.00	76.44 3.20 0.00	79.27 3.21 0.00	82.81 2.77 0.00	79.12 1.68 0.00	74.52 2.39 0.00	67.85 1.63 0.00	57.52 1.46 0.00
NEWKRMKL_115KV_TB1 55635	50.59 -0.21 0.00	55.33 -0.31 0.00	50.03 0.00 0.00	45.93 0.07 0.00	42.15 0.05 0.00	44.00 -0.03 0.00	44.51 -0.04 0.00	49.67 0.09 0.00	49.45 0.08 0.00	49.15 -0.07 0.00	50.24 -0.28 0.00	50.73 -0.34 0.00	61.12 -0.31 0.00	70.91 0.25 0.00	65.89 0.86 0.00	68.67 1.09 0.00	63.15 1.36 0.00	75.03 1.79 0.00	77.93 1.86 0.00	81.65 1.62 0.00	78.26 0.82 0.00	72.25 0.13 0.00	66.04 -0.18 0.00	55.61 -0.44 0.00
NEWTON____FALLS_HYD 23847	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.01 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.93 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.48 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.56 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
NGRID_A1_DSASP 323792	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.42 0.00	41.80 -2.23 0.00	42.54 -2.01 0.00	47.09 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.74 -0.79 0.00	51.20 0.13 0.00	62.46 1.03 0.00	73.12 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.84 0.00	76.50 0.44 0.00	80.19 0.16 0.00	77.78 0.43 0.09	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
NGRID_A2_DSASP 323793	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.42 0.00	41.80 -2.23 0.00	42.54 -2.01 0.00	47.09 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.74 -0.79 0.00	51.20 0.13 0.00	62.46 1.03 0.00	73.12 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.84 0.00	76.50 0.44 0.00	80.19 0.16 0.00	77.78 0.43 0.09	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
NGRID_A4_DSASP 323807	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.42 0.00	41.80 -2.23 0.00	42.54 -2.01 0.00	47.09 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.74 -0.79 0.00	51.20 0.13 0.00	62.46 1.03 0.00	73.12 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.84 0.00	76.50 0.44 0.00	80.19 0.16 0.00	77.78 0.43 0.09	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
NIAGARA_115E_LBMP 323715	50.47 -0.32 0.00	55.21 -0.43 0.00	48.13 -1.91 0.00	43.65 -2.21 0.00	39.95 -2.15 0.00	42.27 -1.76 0.00	43.06 -1.49 0.00	47.51 -2.07 0.00	47.55 -1.81 0.00	48.22 -0.99 0.00	50.04 -0.48 0.00	51.52 0.45 0.00	62.65 1.22 0.00	73.19 2.53 0.00	67.91 2.88 0.00	70.34 2.76 0.00	63.10 1.30 0.00	74.19 0.95 0.00	76.68 0.63 0.00	80.42 0.39 0.00	78.07 0.72 0.09	73.69 1.56 0.00	66.34 0.12 0.00	56.25 0.20 0.00
NIAGARA_115W_LBMP 323714	50.00 -0.80 0.00	54.70 -0.95 0.00	47.68 -2.35 0.00	43.26 -2.60 0.00	39.58 -2.52 0.00	41.69 -2.33 0.00	42.44 -2.11 0.00	46.97 -2.60 0.00	47.11 -2.25 0.00	47.77 -1.45 0.00	49.60 -0.92 0.00	51.06 -0.01 0.00	62.29 0.86 0.00	72.91 2.24 0.00	67.63 2.60 0.00	70.03 2.46 0.00	62.80 1.01 0.00	73.86 0.62 0.00	76.29 0.23 0.00	79.98 -0.05 0.00	77.60 0.25 0.09	73.18 1.05 0.00	65.98 -0.24 0.00	55.74 -0.32 0.00
NIAGARA_230_LBMP 323716	50.56 -0.24 0.00	55.33 -0.31 0.00	48.34 -1.69 0.00	43.80 -2.06 0.00	40.09 -2.01 0.00	42.24 -1.79 0.00	42.98 -1.57 0.00	47.59 -1.99 0.00	47.74 -1.62 0.00	48.33 -0.88 0.00	50.15 -0.37 0.00	51.59 0.52 0.00	62.91 1.48 0.00	73.61 2.94 0.00	68.29 3.27 0.00	70.77 3.19 0.00	63.52 1.73 0.00	74.74 1.50 0.00	77.20 1.14 0.00	80.98 0.95 0.00	78.45 1.09 0.09	73.93 1.81 0.00	66.65 0.43 0.00	56.34 0.29 0.00
NIAGARA__115KV_198_GIBSON 55903	50.00 -0.80 0.00	54.69 -0.95 0.00	47.68 -2.35 0.00	43.25 -2.61 0.00	39.58 -2.52 0.00	41.69 -2.33 0.00	42.44 -2.11 0.00	46.98 -2.60 0.00	47.11 -2.26 0.00	47.77 -1.45 0.00	49.60 -0.92 0.00	51.06 -0.01 0.00	62.28 0.85 0.00	72.90 2.24 0.00	67.63 2.60 0.00	70.03 2.45 0.00	62.80 1.01 0.00	73.86 0.63 0.00	76.28 0.22 0.00	79.98 -0.05 0.00	77.69 0.25 0.00	73.19 1.06 0.00	65.98 -0.24 0.00	55.74 -0.32 0.00
NIAGARA____ 23760	50.56 -0.24 0.00	55.33 -0.31 0.00	48.34 -1.69 0.00	43.80 -2.06 0.00	40.09 -2.01 0.00	42.24 -1.79 0.00	42.98 -1.57 0.00	47.59 -1.99 0.00	47.74 -1.62 0.00	48.33 -0.88 0.00	50.15 -0.37 0.00	51.59 0.52 0.00	62.91 1.48 0.00	73.61 2.94 0.00	68.29 3.27 0.00	70.77 3.19 0.00	63.52 1.73 0.00	74.74 1.50 0.00	77.20 1.14 0.00	80.98 0.95 0.00	78.45 1.09 0.09	73.93 1.81 0.00	66.65 0.43 0.00	56.34 0.29 0.00
NINE_MILE_1 23575	49.04 -1.49 0.27	49.36 -1.67 4.62	44.10 -1.65 4.29	41.68 -1.58 2.60	40.67 -1.43 0.00	42.54 -1.47 0.02	43.12 -1.43 0.00	47.84 -1.64 0.10	47.77 -1.59 0.00	47.48 -1.57 0.16	48.99 -1.53 0.00	49.68 -1.40 0.00	46.91 -1.52 13.01	48.26 -1.35 21.06	53.45 -1.05 10.53	66.56 -1.02 0.00	60.86 -0.94 0.00	72.12 -1.11 0.00	74.95 -1.11 0.00	74.81 -1.24 3.99	62.78 -1.47 13.18	50.77 -1.52 19.84	56.73 -1.79 7.69	50.03 -1.63 4.40
NINE_MILE_2 23744	49.03 -1.49 0.28	49.29 -1.67 4.69	44.04 -1.64 4.35	41.64 -1.58 2.64	40.67 -1.43 0.00	42.54 -1.46 0.02	43.12 -1.43 0.00	47.84 -1.64 0.10	47.77 -1.59 0.00	47.48 -1.57 0.17	48.99 -1.53 0.00	49.68 -1.40 0.00	46.71 -1.52 13.20	47.93 -1.36 21.38	53.29 -1.05 10.69	66.56 -1.02 0.00	60.85 -0.94 0.00	72.12 -1.11 0.00	74.94 -1.12 0.00	74.74 -1.24 4.05	62.58 -1.47 13.38	50.47 -1.52 20.14	56.61 -1.80 7.81	49.97 -1.63 4.46
NM_CAPITAL____DRP 24208	50.66 -0.13 0.00	55.41 -0.24 0.00	50.12 0.09 0.00	46.02 0.16 0.00	42.23 0.13 0.00	44.07 0.04 0.00	44.57 0.02 0.00	49.78 0.21 0.00	49.54 0.18 0.00	49.24 0.03 0.00	50.32 -0.20 0.00	50.79 -0.28 0.00	61.17 -0.26 0.00	70.96 0.29 0.00	65.92 0.89 0.00	68.72 1.14 0.00	63.20 1.41 0.00	75.15 1.91 0.00	78.03 1.97 0.00	81.75 1.71 0.00	78.33 0.89 0.00	72.33 0.21 0.00	66.17 -0.05 0.00	55.68 -0.37 0.00
NM_CENTRAL____DRP 24181	50.46 -0.37 -0.03	55.59 -0.50 -0.45	49.78 -0.67 -0.42	45.40 -0.70 -0.25	41.45 -0.65 0.00	43.43 -0.60 0.00	44.02 -0.53 0.00	48.98 -0.61 -0.01	48.82 -0.54 0.00	48.73 -0.50 -0.02	50.11 -0.41 0.00	50.88 -0.19 0.00	62.79 0.10 -1.26	73.37 0.66 -2.05	66.96 0.92 -1.02	68.66 1.08 0.00	62.81 1.02 0.00	74.38 1.14 0.00	77.29 1.23 0.00	81.64 1.22 -0.39	79.47 0.74 -1.28	74.45 0.39 -1.93	66.69 -0.28 -0.75	56.07 -0.41 -0.43

NM_FRONTIER___DRP 24179	50.00 -0.80 0.00	54.69 -0.95 0.00	47.68 -2.35 0.00	43.25 -2.61 0.00	39.58 -2.52 0.00	41.69 -2.33 0.00	42.44 -2.11 0.00	46.98 -2.60 0.00	47.11 -2.26 0.00	47.77 -1.45 0.00	49.60 -0.92 0.00	51.06 -0.01 0.00	62.28 0.85 0.00	72.90 2.24 0.00	67.63 2.60 0.00	70.03 2.45 0.00	62.80 1.01 0.00	73.86 0.63 0.00	76.28 0.22 0.00	79.98 -0.05 0.00	77.69 0.25 0.00	73.19 1.06 0.00	65.98 -0.24 0.00	55.74 -0.32 0.00
NM_ST_REGIS___HYD 24053	52.17 1.37 0.00	57.64 2.00 0.00	51.63 1.60 0.00	47.40 1.54 0.00	43.61 1.52 0.00	45.57 1.54 0.00	46.19 1.64 0.00	51.30 1.72 0.00	50.77 1.41 0.00	50.64 1.42 0.00	51.73 1.20 0.00	51.75 0.68 0.00	61.61 0.19 0.00	69.33 -1.34 0.00	62.67 -2.35 0.00	64.73 -2.85 0.00	58.65 -3.14 0.00	69.54 -3.70 0.00	72.46 -3.60 0.00	77.30 -2.73 0.00	76.28 -1.17 0.00	72.32 0.19 0.00	67.42 1.20 0.00	57.51 1.46 0.00
NORTHPORT___1 23551	51.41 0.62 0.00	57.10 1.45 0.00	51.83 1.80 0.00	47.31 1.45 0.00	43.55 1.45 0.00	45.67 1.65 0.00	46.05 1.50 0.00	51.02 1.45 0.00	51.13 1.76 0.00	50.64 1.43 0.00	51.44 0.91 0.00	51.33 0.26 0.00	61.95 0.52 0.00	71.05 2.25 1.86	44.96 3.31 23.38	50.97 3.97 20.58	51.05 4.42 15.16	60.34 4.88 17.78	57.09 4.45 23.43	66.55 3.75 17.24	79.67 2.23 0.00	69.16 0.70 3.67	62.30 -0.08 3.84	51.79 0.23 4.50
NORTHPORT___2 23552	51.41 0.62 0.00	57.10 1.45 0.00	51.83 1.80 0.00	47.31 1.45 0.00	43.55 1.45 0.00	45.67 1.65 0.00	46.05 1.50 0.00	51.02 1.45 0.00	51.13 1.76 0.00	50.64 1.43 0.00	51.44 0.91 0.00	51.33 0.26 0.00	61.95 0.52 0.00	71.05 2.25 1.86	44.96 3.31 23.38	50.97 3.97 20.58	51.05 4.42 15.16	60.34 4.88 17.78	57.09 4.45 23.43	66.55 3.75 17.24	79.67 2.23 0.00	69.16 0.70 3.67	62.30 -0.08 3.84	51.79 0.23 4.50
NORTHPORT___3 23553	51.24 0.44 0.00	56.89 1.25 0.00	51.58 1.54 0.00	47.09 1.23 0.00	43.32 1.22 0.00	45.42 1.39 0.00	45.84 1.29 0.00	50.76 1.19 0.00	50.92 1.55 0.00	50.34 1.12 0.00	51.14 0.62 0.00	51.03 -0.05 0.00	61.58 0.15 0.00	70.58 1.77 1.85	44.75 2.76 23.03	50.98 3.67 20.27	50.86 4.18 15.12	60.26 4.82 17.79	56.59 4.46 23.93	66.41 3.50 17.12	79.30 1.86 0.00	68.79 0.39 3.72	61.87 -0.45 3.90	51.45 -0.12 4.49
NORTHPORT___4 23650	51.24 0.44 0.00	56.89 1.25 0.00	51.58 1.54 0.00	47.09 1.23 0.00	43.32 1.22 0.00	45.42 1.39 0.00	45.84 1.29 0.00	50.76 1.19 0.00	50.92 1.55 0.00	50.34 1.12 0.00	51.14 0.62 0.00	51.03 -0.05 0.00	61.58 0.15 0.00	70.58 1.77 1.85	44.75 2.76 23.03	50.98 3.67 20.27	50.86 4.18 15.12	60.26 4.82 17.79	56.59 4.46 23.93	66.41 3.50 17.12	79.30 1.86 0.00	68.79 0.39 3.72	61.87 -0.45 3.90	51.45 -0.12 4.49
NORTHPORT___IC 23718	51.41 0.62 0.00	57.10 1.46 0.00	51.83 1.80 0.00	47.31 1.46 0.00	43.55 1.45 0.00	45.67 1.64 0.00	46.06 1.51 0.00	51.02 1.45 0.00	51.13 1.76 0.00	50.64 1.43 0.00	51.46 0.93 0.00	51.32 0.25 0.00	61.95 0.52 0.00	71.05 2.25 1.86	44.95 3.31 23.38	50.96 3.97 20.58	51.05 4.42 15.16	60.34 4.88 17.78	57.09 4.46 23.43	66.56 3.76 17.24	79.67 2.23 0.00	69.19 0.73 3.67	62.37 -0.01 3.84	51.80 0.24 4.50
NORTH___COUNTRY_ESR 323785	51.23 0.43 0.00	56.54 0.89 0.00	50.69 0.66 0.00	46.53 0.68 0.00	42.89 0.78 0.00	44.71 0.69 0.00	45.25 0.71 0.00	50.41 0.83 0.00	49.99 0.63 0.00	49.99 0.77 0.00	51.33 0.80 0.00	51.72 0.65 0.00	61.82 0.39 0.00	69.90 -0.77 0.00	63.52 -1.51 0.00	65.77 -1.81 0.00	59.66 -2.14 0.00	70.55 -2.69 0.00	73.50 -2.56 0.00	77.91 -2.12 0.00	76.34 -1.11 0.00	72.11 -0.02 0.00	66.84 0.63 0.00	56.86 0.80 0.00
NPX_GEN_1385_PROXY 323591	50.91 0.11 0.00	57.32 0.89 -0.79	51.68 1.64 0.00	47.16 1.30 0.00	43.66 1.56 0.00	45.79 1.76 0.00	46.17 1.62 0.00	53.60 2.02 -2.01	51.40 2.04 0.00	51.40 2.18 0.00	52.30 1.78 0.00	51.92 0.85 0.00	62.20 0.77 0.00	71.17 2.37 1.86	44.80 3.15 23.38	51.67 4.67 20.58	51.94 5.30 15.16	61.66 6.21 17.78	58.57 5.94 23.43	67.97 5.17 17.24	81.05 3.61 0.00	70.33 1.87 3.67	62.69 0.31 3.84	51.61 0.05 4.50
NPX_GEN_CSC 323557	52.22 1.42 0.00	58.45 2.02 -0.79	52.18 2.14 0.00	47.59 1.73 0.00	43.80 1.70 0.00	45.98 1.96 0.00	46.46 1.91 0.00	53.47 1.89 -2.01	51.69 2.33 0.00	51.33 2.12 0.00	52.47 1.92 -0.02	52.18 1.11 0.00	63.18 1.75 0.00	95.52 3.98 -20.88	287.88 5.05 -217.80	251.25 5.82 -177.85	176.79 6.07 -108.92	257.73 7.14 -177.36	243.52 6.82 -160.64	280.77 6.11 -194.63	81.74 4.30 0.00	71.23 2.42 3.32	64.30 1.52 3.43	57.25 1.51 0.32
NSINS_S_GLNS_FALLS 23858	52.75 1.95 0.00	57.84 2.20 0.00	52.17 2.14 0.00	47.93 2.07 0.00	43.99 1.89 0.00	45.90 1.87 0.00	46.66 2.11 0.00	52.34 2.77 0.00	51.78 2.41 0.00	51.41 2.20 0.00	52.16 1.63 0.00	52.47 1.40 0.00	63.43 2.00 0.00	73.62 2.95 0.00	68.72 3.69 0.00	72.12 4.54 0.00	66.13 4.34 0.00	79.07 5.84 0.00	82.68 6.62 0.00	86.77 6.73 0.00	82.62 5.18 0.00	76.43 4.30 0.00	69.71 3.49 0.00	58.02 1.97 0.00
NUCOR_STEEL___DRP 24197	51.32 0.47 -0.04	56.80 0.43 -0.73	50.79 0.08 -0.68	46.27 0.00 -0.41	41.91 -0.19 0.00	43.90 -0.13 0.00	44.50 -0.06 0.00	49.48 -0.11 -0.02	49.32 -0.04 0.00	49.16 -0.08 -0.03	50.57 0.04 0.00	51.32 0.25 0.00	64.45 0.95 -2.07	75.77 1.77 -3.34	68.56 1.87 -1.67	69.34 1.76 0.00	63.38 1.59 0.00	75.12 1.89 0.00	78.24 2.18 0.00	83.11 2.45 -0.63	81.47 1.94 -2.09	77.05 1.79 -3.14	68.30 0.87 -1.22	57.29 0.54 -0.69
NUMBER_THREE_WT_PWR 323818	53.52 2.70 -0.02	59.14 3.19 -0.30	52.95 2.63 -0.28	48.40 2.38 -0.17	44.32 2.22 0.00	46.48 2.45 0.00	47.18 2.63 0.00	52.40 2.82 -0.01	51.97 2.61 0.00	51.45 2.23 -0.01	52.60 2.08 0.00	52.60 1.53 0.00	63.93 1.65 -0.85	74.00 1.95 -1.39	67.12 1.40 -0.69	68.72 1.14 0.00	62.62 0.83 0.00	74.92 1.68 0.00	78.73 2.67 0.00	83.95 3.65 -0.26	82.42 4.11 -0.87	77.19 3.76 -1.31	70.51 3.79 -0.51	59.45 3.10 -0.29
NYISO_LBMP_REFERENCE 24008	50.80 0.00 0.00	55.64 0.00 0.00	50.04 0.00 0.00	45.86 0.00 0.00	42.10 0.00 0.00	44.03 0.00 0.00	44.55 0.00 0.00	49.58 0.00 0.00	49.36 0.00 0.00	49.21 0.00 0.00	50.53 0.00 0.00	51.07 0.00 0.00	61.43 0.00 0.00	70.66 0.00 0.00	65.02 0.00 0.00	67.58 0.00 0.00	61.80 0.00 0.00	73.24 0.00 0.00	76.06 0.00 0.00	80.03 0.00 0.00	77.44 0.00 0.00	72.13 0.00 0.00	66.22 0.00 0.00	56.05 0.00 0.00
NYPA_BRENTWD____GT 24164	52.47 1.67 0.00	58.05 2.41 0.00	52.58 2.54 0.00	47.97 2.11 0.00	44.13 2.03 0.00	46.32 2.29 0.00	46.76 2.21 0.00	51.74 2.17 0.00	51.90 2.54 0.00	51.48 2.27 0.00	52.45 1.92 0.00	52.33 1.25 0.00	63.26 1.83 0.00	79.02 3.99 -4.36	128.45 5.02 -58.41	121.93 5.46 -48.90	95.33 5.82 -27.71	116.30 6.52 -36.54	112.66 6.08 -30.51	130.75 5.74 -44.97	81.60 4.16 0.00	71.65 2.41 2.88	64.79 1.51 2.94	57.38 1.64 0.33

NYPA_GOWANUS____GT5 24156	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.26 1.83 0.00	73.80 3.14 0.00	68.97 3.94 0.00	72.24 4.67 0.00	66.67 4.87 0.00	78.52 5.28 0.00	80.93 4.87 0.00	84.38 4.35 0.01	80.20 2.76 0.01	73.69 1.56 0.01	67.28 1.05 0.00	57.75 1.69 0.00
NYPA_GOWANUS____GT6 24157	52.08 1.28 0.00	56.63 0.98 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.32 1.22 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.96 1.38 0.00	50.98 1.61 0.00	50.61 1.39 0.00	52.10 1.57 0.00	52.44 1.37 0.00	63.26 1.83 0.00	73.80 3.14 0.00	68.97 3.94 0.00	72.24 4.67 0.00	66.67 4.87 0.00	78.52 5.28 0.00	80.93 4.87 0.00	84.38 4.35 0.01	80.20 2.76 0.01	73.69 1.56 0.01	67.28 1.05 0.00	57.75 1.69 0.00
NYPA_HARLEM__RVR__GT1 24160	51.98 1.18 0.00	56.59 0.95 0.00	51.37 1.34 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.86 1.28 0.00	50.81 1.45 0.00	50.52 1.30 0.00	52.04 1.52 0.00	52.33 1.26 0.00	62.89 1.46 0.00	73.41 2.74 0.00	68.53 3.51 0.00	71.80 4.23 0.00	66.26 4.47 0.00	78.02 4.79 0.00	80.38 4.32 0.00	83.88 3.86 0.01	79.78 2.35 0.01	73.30 1.18 0.01	66.95 0.74 0.00	57.56 1.50 0.00
NYPA_HARLEM__RVR__GT2 24161	51.98 1.18 0.00	56.59 0.95 0.00	51.37 1.34 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.86 1.28 0.00	50.81 1.45 0.00	50.52 1.30 0.00	52.04 1.52 0.00	52.33 1.26 0.00	62.89 1.46 0.00	73.41 2.74 0.00	68.53 3.51 0.00	71.80 4.23 0.00	66.26 4.47 0.00	78.02 4.79 0.00	80.38 4.32 0.00	83.88 3.86 0.01	79.78 2.35 0.01	73.30 1.18 0.01	66.95 0.74 0.00	57.56 1.50 0.00
NYPA_KENT____GT 24152	52.04 1.24 0.00	56.62 0.98 0.00	51.41 1.37 0.00	47.07 1.21 0.00	43.29 1.19 0.00	45.24 1.21 0.00	45.88 1.33 0.00	50.95 1.38 0.00	50.94 1.58 0.00	50.63 1.41 0.00	52.12 1.60 0.00	52.43 1.36 0.00	63.22 1.79 0.00	73.71 3.05 0.00	68.88 3.85 0.00	72.15 4.57 0.00	66.56 4.76 0.00	78.40 5.16 0.00	80.84 4.78 0.00	84.24 4.21 0.01	80.06 2.62 0.01	73.54 1.42 0.01	67.13 0.92 0.00	57.63 1.57 0.00
NYPA_POUCH1____GT 24155	51.93 1.13 0.00	56.39 0.75 0.00	50.91 1.23 0.36	47.02 1.16 0.00	43.24 1.14 0.00	45.19 1.16 0.00	45.83 1.28 0.00	50.79 1.21 0.00	50.79 1.43 0.00	50.37 1.16 0.00	51.83 1.30 0.00	52.17 1.10 0.00	62.95 1.52 0.00	73.46 2.80 0.00	68.67 3.64 0.00	71.95 4.37 0.00	66.41 4.62 0.00	78.17 4.94 0.00	80.62 4.57 0.00	84.06 4.03 0.01	79.92 2.49 0.01	73.47 1.35 0.01	67.06 0.84 0.00	57.59 1.53 0.00
NYPA_VERNON____GT2 24162	51.98 1.18 0.00	56.63 0.98 0.00	51.38 1.35 0.00	47.04 1.18 0.00	43.25 1.15 0.00	45.21 1.18 0.00	45.84 1.29 0.00	50.95 1.38 0.00	50.93 1.57 0.00	50.67 1.45 0.00	52.15 1.62 0.00	52.41 1.34 0.00	63.16 1.73 0.00	73.68 3.02 0.00	68.84 3.81 0.00	72.09 4.51 0.00	66.51 4.72 0.00	78.37 5.14 0.00	80.78 4.72 0.00	84.16 4.13 0.01	79.98 2.55 0.01	73.45 1.33 0.01	67.02 0.80 0.00	57.51 1.45 0.00
NYPA_VERNON____GT3 24163	51.98 1.18 0.00	56.63 0.98 0.00	51.38 1.35 0.00	47.04 1.18 0.00	43.25 1.15 0.00	45.21 1.18 0.00	45.84 1.29 0.00	50.95 1.38 0.00	50.93 1.57 0.00	50.67 1.45 0.00	52.15 1.62 0.00	52.41 1.34 0.00	63.16 1.73 0.00	73.68 3.02 0.00	68.84 3.81 0.00	72.09 4.51 0.00	66.51 4.72 0.00	78.37 5.14 0.00	80.78 4.72 0.00	84.16 4.13 0.01	79.98 2.55 0.01	73.45 1.33 0.01	67.02 0.80 0.00	57.51 1.45 0.00
NYPA__ASTORIA_CC1 323568	51.87 1.08 0.00	56.50 0.86 0.00	51.31 1.27 0.00	46.96 1.11 0.00	43.16 1.06 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.31 0.00	52.03 1.50 0.00	52.27 1.20 0.00	62.99 1.56 0.00	73.51 2.85 0.00	68.67 3.64 0.00	71.93 4.35 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.55 4.50 0.00	83.97 3.94 0.01	79.79 2.35 0.01	73.28 1.16 0.01	66.86 0.64 0.00	57.41 1.35 0.00
NYPA__ASTORIA_CC2 323569	51.87 1.08 0.00	56.50 0.86 0.00	51.31 1.27 0.00	46.96 1.11 0.00	43.16 1.06 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.84 1.26 0.00	50.81 1.45 0.00	50.53 1.31 0.00	52.03 1.50 0.00	52.27 1.20 0.00	62.99 1.56 0.00	73.51 2.85 0.00	68.67 3.64 0.00	71.93 4.35 0.00	66.36 4.56 0.00	78.16 4.92 0.00	80.55 4.50 0.00	83.97 3.94 0.01	79.79 2.35 0.01	73.28 1.16 0.01	66.86 0.64 0.00	57.41 1.35 0.00
NYPA__HOLTSVILL 23794	52.17 1.37 0.00	57.65 2.01 0.00	52.22 2.19 0.00	47.65 1.79 0.00	43.86 1.76 0.00	46.02 2.00 0.00	46.47 1.92 0.00	51.52 1.94 0.00	51.69 2.33 0.00	51.31 2.09 0.00	52.35 1.81 -0.02	52.18 1.11 0.00	63.08 1.65 0.00	94.84 3.67 -20.50	283.61 4.65 -213.94	245.76 5.36 -172.83	171.28 5.60 -103.88	252.99 6.37 -173.38	236.33 6.02 -154.25	276.51 5.33 -191.15	81.09 3.64 0.00	70.73 1.95 3.35	63.87 1.12 3.47	57.02 1.27 0.30
NYPA__HELLGATE_GT1 24158	51.99 1.19 0.00	56.59 0.95 0.00	51.37 1.34 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.86 1.28 0.00	50.81 1.45 0.00	50.52 1.30 0.00	52.04 1.52 0.00	52.33 1.26 0.00	62.89 1.46 0.00	73.40 2.74 0.00	68.53 3.50 0.00	71.80 4.23 0.00	66.26 4.47 0.00	78.00 4.76 0.00	80.38 4.32 0.00	83.88 3.86 0.01	79.78 2.35 0.01	73.30 1.18 0.01	66.95 0.74 0.00	57.54 1.49 0.00
NYPA__HELLGATE_GT2 24159	51.99 1.19 0.00	56.59 0.95 0.00	51.37 1.34 0.00	46.96 1.11 0.00	43.17 1.07 0.00	45.10 1.08 0.00	45.76 1.21 0.00	50.86 1.28 0.00	50.81 1.45 0.00	50.52 1.30 0.00	52.04 1.52 0.00	52.33 1.26 0.00	62.89 1.46 0.00	73.40 2.74 0.00	68.53 3.50 0.00	71.80 4.23 0.00	66.26 4.47 0.00	78.00 4.76 0.00	80.38 4.32 0.00	83.88 3.86 0.01	79.78 2.35 0.01	73.30 1.18 0.01	66.95 0.74 0.00	57.54 1.49 0.00
NYS_BARGE__HYD 23848	51.02 0.22 0.00	55.78 0.13 0.00	48.63 -1.40 0.00	44.08 -1.78 0.00	40.34 -1.76 0.00	42.64 -1.39 0.00	43.43 -1.12 0.00	48.01 -1.56 0.00	48.10 -1.26 0.00	48.72 -0.49 0.00	50.53 0.01 0.00	52.04 0.97 0.00	63.35 1.92 0.00	74.12 3.46 0.00	68.77 3.75 0.00	71.24 3.66 0.00	63.91 2.11 0.00	75.21 1.97 0.00	77.80 1.74 0.00	81.70 1.67 0.00	79.22 1.86 0.08	74.64 2.52 0.00	67.18 0.96 0.00	56.86 0.80 0.00
OAK ORCHARD__HYD 24046	51.64 0.84 0.00	56.43 0.79 0.00	49.83 -0.21 0.00	45.29 -0.57 0.00	41.51 -0.59 0.00	43.63 -0.39 0.00	44.38 -0.17 0.00	49.47 -0.10 0.00	49.57 0.21 0.00	49.90 0.69 0.00	51.57 1.05 0.00	52.80 1.73 0.00	64.20 2.77 0.00	74.91 4.24 0.00	69.39 4.37 0.00	72.09 4.52 0.00	65.29 3.50 0.00	77.20 3.96 0.00	80.06 4.01 0.00	84.12 4.09 0.00	81.04 3.64 0.04	75.62 3.49 0.00	68.28 2.06 0.00	57.49 1.44 0.00

OAKDALE___35_KV_LOAD 356122	51.04 0.22 -0.02	56.12 0.16 -0.31	50.18 -0.14 -0.29	45.85 -0.18 -0.18	41.93 -0.17 0.00	43.94 -0.09 0.00	44.49 -0.06 0.00	49.44 -0.14 -0.01	49.37 0.01 0.00	49.12 -0.10 -0.01	50.59 0.06 0.00	51.26 0.19 0.00	63.10 0.75 -0.91	73.81 1.66 -1.48	67.58 1.82 -0.74	69.57 1.99 0.00	63.81 2.01 0.00	75.46 2.23 0.00	78.30 2.24 0.00	82.62 2.30 -0.28	79.90 1.53 -0.92	74.58 1.06 -1.39	66.89 0.13 -0.54	56.51 0.15 -0.31
OCC_CHEM___DRP 24175	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.43 0.00	41.79 -2.23 0.00	42.54 -2.01 0.00	47.10 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.73 -0.80 0.00	51.21 0.14 0.00	62.45 1.02 0.00	73.11 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.85 0.00	76.50 0.44 0.00	80.18 0.15 0.00	77.87 0.43 0.00	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
OH_GEN_PROXY 24063	50.54 -0.26 0.00	102.96 -0.31 -47.63	48.37 -1.66 0.00	43.82 -2.04 0.00	40.11 -1.99 0.00	42.25 -1.78 0.00	43.00 -1.55 0.00	49.63 -1.95 -2.01	47.79 -1.57 0.00	48.36 -0.85 0.00	50.18 -0.35 0.00	51.59 0.52 0.00	62.92 1.49 0.00	73.64 2.97 0.00	68.31 3.29 0.00	70.83 3.25 0.00	63.61 1.81 0.00	74.87 1.63 0.00	77.34 1.28 0.00	81.13 1.09 0.00	78.53 1.18 0.09	73.93 1.81 0.00	66.64 0.42 0.00	56.31 0.25 0.00
OLIN_CORP_DRP 24177	50.56 -0.24 0.00	55.29 -0.35 0.00	48.22 -1.82 0.00	43.72 -2.14 0.00	40.01 -2.09 0.00	42.31 -1.71 0.00	43.10 -1.45 0.00	47.58 -2.00 0.00	47.64 -1.72 0.00	48.29 -0.92 0.00	50.11 -0.41 0.00	51.60 0.54 0.00	62.77 1.34 0.00	73.37 2.71 0.00	68.06 3.03 0.00	70.50 2.92 0.00	63.24 1.44 0.00	74.36 1.12 0.00	76.84 0.79 0.00	80.62 0.59 0.00	78.33 0.89 0.00	73.82 1.69 0.00	66.47 0.25 0.00	56.34 0.29 0.00
OLIN_CORP_DSASP 323712	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.42 0.00	41.80 -2.23 0.00	42.54 -2.01 0.00	47.09 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.74 -0.79 0.00	51.20 0.13 0.00	62.46 1.03 0.00	73.12 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.84 0.00	76.50 0.44 0.00	80.19 0.16 0.00	77.78 0.43 0.09	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
ONEIDA_HERK_LFGE 323681	52.79 1.98 -0.01	58.02 2.21 -0.17	52.01 1.81 -0.16	47.59 1.63 -0.10	43.61 1.52 0.00	45.70 1.68 0.00	46.37 1.82 0.00	51.55 1.97 0.00	51.21 1.85 0.00	50.84 1.62 -0.01	52.10 1.57 0.00	52.44 1.37 0.00	63.63 1.73 -0.48	73.80 2.37 -0.77	67.63 2.22 -0.39	69.59 2.01 0.00	63.66 1.86 0.00	75.82 2.59 0.00	79.29 3.23 0.00	83.95 3.77 -0.15	81.64 3.72 -0.48	76.06 3.20 -0.73	69.34 2.83 -0.28	58.45 2.24 -0.16
ONEIDA___115KV_TB4 55905	52.56 1.74 -0.01	57.74 1.86 -0.24	51.69 1.43 -0.23	47.27 1.28 -0.14	43.27 1.17 0.00	45.37 1.34 0.00	45.99 1.44 0.00	51.14 1.56 0.00	50.91 1.55 0.00	50.60 1.37 -0.01	51.89 1.36 0.00	52.40 1.33 0.00	64.03 1.92 -0.69	74.65 2.87 -1.11	68.56 2.98 -0.56	70.30 2.73 0.00	64.53 2.73 0.00	76.76 3.52 0.00	79.98 3.91 0.00	84.62 4.37 -0.21	82.18 4.04 -0.70	76.49 3.31 -1.05	69.14 2.51 -0.41	58.17 1.88 -0.23
ONONDAGA_REF_OCCRA 23987	50.80 -0.03 -0.03	56.03 -0.15 -0.54	50.18 -0.36 -0.50	45.75 -0.41 -0.30	41.73 -0.37 0.00	43.71 -0.31 0.00	44.30 -0.25 0.00	49.30 -0.28 -0.01	49.12 -0.24 0.00	48.99 -0.25 -0.02	50.38 -0.15 0.00	51.11 0.04 0.00	63.34 0.41 -1.51	74.14 1.03 -2.45	67.49 1.25 -1.22	68.99 1.41 0.00	63.15 1.35 0.00	74.80 1.56 0.00	77.80 1.74 0.00	82.29 1.79 -0.46	80.25 1.27 -1.53	75.31 0.88 -2.31	67.24 0.12 -0.90	56.51 -0.05 -0.51
ONONDAGA___COGEN 23986	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
ONTARIO___LFGE 23819	51.78 0.96 -0.02	56.77 0.84 -0.29	50.47 0.17 -0.27	46.04 0.02 -0.16	42.15 0.05 0.00	44.24 0.21 0.00	44.84 0.29 0.00	49.82 0.25 -0.01	49.71 0.35 0.00	49.62 0.39 -0.01	51.10 0.57 0.00	51.90 0.83 0.00	63.84 1.57 -0.84	74.68 2.66 -1.36	68.42 2.72 -0.68	70.55 2.98 0.00	64.55 2.75 0.00	76.45 3.21 0.00	79.68 3.62 0.00	84.37 4.08 -0.26	81.70 3.41 -0.85	76.27 2.87 -1.28	68.05 1.34 -0.49	57.22 0.88 -0.28
ORANGEVILLE_WT_PWR 323706	51.31 0.51 0.00	56.06 0.42 0.00	49.18 -0.85 0.00	44.71 -1.15 0.00	41.00 -1.10 0.00	43.18 -0.84 0.00	43.90 -0.65 0.00	48.52 -1.06 0.00	48.41 -0.95 0.00	48.63 -0.59 0.00	50.42 -0.10 0.00	50.50 -0.58 0.00	59.43 -1.27 0.72	65.96 -0.58 4.12	17.41 -0.41 47.20	-10.29 -0.42 77.45	-10.33 -0.14 71.98	-10.43 -0.39 83.28	50.13 -0.21 25.73	82.04 1.79 -0.22	79.91 1.66 -0.81	73.88 0.67 -1.08	65.54 -1.10 -0.42	55.35 -0.94 -0.24
ORANGEVILLE___ESR 323794	51.31 0.51 0.00	56.06 0.42 0.00	49.18 -0.85 0.00	44.71 -1.15 0.00	41.00 -1.10 0.00	43.18 -0.84 0.00	43.90 -0.65 0.00	48.52 -1.06 0.00	48.41 -0.95 0.00	48.63 -0.59 0.00	50.42 -0.10 0.00	50.50 -0.58 0.00	59.43 -1.27 0.72	65.96 -0.58 4.12	17.41 -0.41 47.20	-10.29 -0.42 77.45	-10.33 -0.14 71.98	-10.43 -0.39 83.28	50.13 -0.21 25.73	82.04 1.79 -0.22	79.91 1.66 -0.81	73.88 0.67 -1.08	65.54 -1.10 -0.42	55.35 -0.94 -0.24
OSWEGATCHIE___HYD 24044	52.92 2.11 -0.02	58.56 2.66 -0.25	52.44 2.17 -0.23	48.00 2.01 -0.14	44.00 1.90 0.00	46.07 2.05 0.00	46.75 2.20 0.00	51.90 2.32 0.00	51.40 2.04 0.00	51.03 1.81 -0.01	52.09 1.56 0.00	52.04 0.97 0.00	62.88 0.75 -0.71	71.94 0.12 -1.15	64.94 -0.66 -0.58	66.54 -1.04 0.00	60.49 -1.31 0.00	72.11 -1.12 0.00	75.51 -0.55 0.00	80.73 0.48 -0.22	79.64 1.48 -0.72	75.19 1.98 -1.08	69.14 2.50 -0.42	58.57 2.28 -0.24
OSWEGO___5 23606	49.90 -1.11 -0.20	57.85 -1.23 -3.44	51.96 -1.27 -3.20	46.57 -1.23 -1.94	40.97 -1.13 0.00	42.92 -1.12 -0.01	43.46 -1.09 0.00	48.40 -1.24 -0.07	48.16 -1.20 0.00	48.14 -1.20 -0.12	49.37 -1.15 0.00	50.05 -1.02 0.00	70.11 -1.01 -9.69	85.60 -0.75 -15.69	72.38 -0.48 -7.84	67.14 -0.44 0.00	61.40 -0.39 0.00	72.74 -0.49 0.00	75.61 -0.45 0.00	82.48 -0.53 -2.97	86.48 -0.79 -9.82	86.00 -0.91 -14.78	70.69 -1.26 -5.73	58.15 -1.18 -3.28
OSWEGO___6 23613	49.90 -1.11 -0.20	57.85 -1.23 -3.44	51.96 -1.27 -3.20	46.57 -1.23 -1.94	40.97 -1.13 0.00	42.92 -1.12 -0.01	43.46 -1.09 0.00	48.40 -1.24 -0.07	48.16 -1.20 0.00	48.14 -1.20 -0.12	49.37 -1.15 0.00	50.05 -1.02 0.00	70.11 -1.01 -9.69	85.60 -0.75 -15.69	72.38 -0.48 -7.84	67.14 -0.44 0.00	61.40 -0.39 0.00	72.74 -0.49 0.00	75.61 -0.45 0.00	82.48 -0.53 -2.97	86.48 -0.79 -9.82	86.00 -0.91 -14.78	70.69 -1.26 -5.73	58.15 -1.18 -3.28

OUTOKUMPU-AB___DRP 24206	51.52 0.73 0.00	56.34 0.70 0.00	49.10 -0.93 0.00	44.48 -1.38 0.00	40.72 -1.38 0.00	42.96 -1.07 0.00	43.73 -0.82 0.00	48.45 -1.13 0.00	48.62 -0.75 0.00	49.25 0.04 0.00	51.10 0.57 0.00	52.61 1.53 0.00	64.16 2.73 0.00	75.22 4.55 0.00	69.78 4.76 0.00	72.32 4.74 0.00	64.89 3.09 0.00	76.33 3.09 0.00	78.88 2.82 0.00	82.73 2.69 0.00	80.14 2.70 0.00	75.37 3.24 0.00	67.93 1.72 0.00	57.41 1.35 0.00
OXBOW___BTM 323836	50.85 0.05 0.00	55.62 -0.02 0.00	48.47 -1.57 0.00	43.93 -1.93 0.00	40.19 -1.91 0.00	42.38 -1.65 0.00	43.13 -1.42 0.00	47.79 -1.79 0.00	47.94 -1.42 0.00	48.60 -0.61 0.00	50.45 -0.07 0.00	51.96 0.89 0.00	63.39 1.97 0.00	74.27 3.61 0.00	68.91 3.89 0.00	71.40 3.82 0.00	64.03 2.24 0.00	75.33 2.10 0.00	77.82 1.76 0.00	81.57 1.54 0.00	79.02 1.67 0.09	74.44 2.31 0.00	67.09 0.87 0.00	56.67 0.61 0.00
OXBOW___ 24026	50.85 0.05 0.00	55.62 -0.02 0.00	48.46 -1.57 0.00	43.92 -1.94 0.00	40.19 -1.91 0.00	42.38 -1.64 0.00	43.13 -1.42 0.00	47.79 -1.78 0.00	47.94 -1.43 0.00	48.60 -0.61 0.00	50.46 -0.07 0.00	51.96 0.89 0.00	63.39 1.96 0.00	74.27 3.61 0.00	68.92 3.89 0.00	71.39 3.82 0.00	64.04 2.24 0.00	75.33 2.10 0.00	77.82 1.76 0.00	81.58 1.54 0.00	79.10 1.66 0.00	74.45 2.32 0.00	67.09 0.87 0.00	56.67 0.62 0.00
OXY_CHEM_DSASP 323612	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.43 0.00	41.79 -2.23 0.00	42.54 -2.01 0.00	47.10 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.73 -0.80 0.00	51.21 0.14 0.00	62.45 1.02 0.00	73.11 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.85 0.00	76.50 0.44 0.00	80.18 0.15 0.00	77.87 0.43 0.00	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
OZONE_PARK_ESR 323760	52.76 1.96 0.00	57.51 1.86 0.00	52.02 1.98 0.00	47.62 1.76 0.00	43.75 1.65 0.00	45.77 1.75 0.00	46.39 1.84 0.00	51.69 2.11 0.00	51.65 2.28 0.00	51.42 2.21 0.00	52.87 2.35 0.00	53.27 2.20 0.00	64.33 2.90 0.00	75.13 4.47 0.00	70.21 5.19 0.00	73.54 5.96 0.00	67.81 6.02 0.00	79.98 6.74 0.00	82.49 6.42 0.00	86.01 5.97 0.00	81.73 4.28 0.00	75.04 2.91 0.00	68.41 2.19 0.00	58.40 2.35 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.43 0.00	41.79 -2.23 0.00	42.54 -2.01 0.00	47.10 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.73 -0.80 0.00	51.21 0.14 0.00	62.45 1.02 0.00	73.11 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.85 0.00	76.50 0.44 0.00	80.18 0.15 0.00	77.87 0.43 0.00	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
PACKARD___115KV_DUPONT_184 80571	50.13 -0.67 0.00	54.85 -0.79 0.00	47.81 -2.22 0.00	43.36 -2.50 0.00	39.67 -2.43 0.00	41.79 -2.23 0.00	42.54 -2.01 0.00	47.10 -2.48 0.00	47.23 -2.13 0.00	47.90 -1.32 0.00	49.73 -0.80 0.00	51.21 0.14 0.00	62.45 1.02 0.00	73.11 2.45 0.00	67.82 2.80 0.00	70.23 2.65 0.00	62.99 1.19 0.00	74.08 0.85 0.00	76.50 0.44 0.00	80.18 0.15 0.00	77.87 0.43 0.00	73.38 1.25 0.00	66.16 -0.06 0.00	55.90 -0.16 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.98 1.18 0.00	56.61 0.96 0.00	51.36 1.33 0.00	46.95 1.10 0.00	43.16 1.06 0.00	45.10 1.08 0.00	45.78 1.23 0.00	50.89 1.31 0.00	50.84 1.48 0.00	50.57 1.35 0.00	52.07 1.54 0.00	52.35 1.28 0.00	63.01 1.59 0.00	73.61 2.95 0.00	68.72 3.69 0.00	72.00 4.42 0.00	66.42 4.62 0.00	78.21 4.97 0.00	80.61 4.56 0.00	84.14 4.11 0.00	80.01 2.56 0.00	73.50 1.38 0.00	67.10 0.88 0.00	57.60 1.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.61 2.81 0.00	58.52 2.87 0.00	53.07 3.03 0.00	48.54 2.68 0.00	44.66 2.56 0.00	46.71 2.69 0.00	47.45 2.90 0.00	52.71 3.14 0.00	52.62 3.26 0.00	52.34 3.12 0.00	53.86 3.34 0.00	54.15 3.08 0.00	65.26 3.83 0.00	76.18 5.51 0.00	71.08 6.05 0.00	74.45 6.87 0.00	68.71 6.91 0.00	80.90 7.66 0.00	83.37 7.31 0.00	87.01 6.98 0.00	82.78 5.34 0.00	76.12 4.00 0.00	69.45 3.23 0.00	59.64 3.58 0.00
PATROON___115KV_TB1 80586	50.79 -0.01 0.00	55.55 -0.09 0.00	50.23 0.19 0.00	46.11 0.25 0.00	42.31 0.20 0.00	44.16 0.14 0.00	44.68 0.13 0.00	49.87 0.30 0.00	49.65 0.28 0.00	49.35 0.13 0.00	50.48 -0.05 0.00	50.97 -0.10 0.00	61.42 -0.01 0.00	71.28 0.62 0.00	66.23 1.21 0.00	69.04 1.46 0.00	63.47 1.67 0.00	75.40 2.16 0.00	78.32 2.26 0.00	82.05 2.02 0.00	78.63 1.19 0.00	72.59 0.46 0.00	66.34 0.12 0.00	55.86 -0.19 0.00
PATTRSNVILLE___SOLAR 323815	52.11 1.31 0.00	56.99 1.34 0.00	51.35 1.32 0.00	47.08 1.22 0.00	43.20 1.10 0.00	45.19 1.16 0.00	45.73 1.18 0.00	50.74 1.16 0.00	50.07 0.70 0.00	49.67 0.45 0.00	50.77 0.24 0.00	51.36 0.29 0.00	61.99 0.56 0.00	71.92 1.25 0.00	66.92 1.90 0.00	69.92 2.34 0.00	63.77 1.98 0.00	75.94 2.71 0.00	79.28 3.22 0.00	83.59 3.56 0.00	80.51 3.06 0.00	74.55 2.42 0.00	68.14 1.92 0.00	57.52 1.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	51.51 0.71 0.00	56.30 0.66 0.00	49.22 -0.81 0.00	44.65 -1.21 0.00	40.88 -1.22 0.00	43.08 -0.94 0.00	43.86 -0.69 0.00	48.62 -0.95 0.00	48.83 -0.54 0.00	49.29 0.07 0.00	51.20 0.68 0.00	52.63 1.55 0.00	64.36 2.93 0.00	75.43 4.77 0.00	70.00 4.97 0.00	72.62 5.04 0.00	65.38 3.59 0.00	76.91 3.67 0.00	79.42 3.36 0.00	83.34 3.31 0.00	80.45 3.01 0.00	75.34 3.22 0.00	67.76 1.54 0.00	57.20 1.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.48 1.68 0.00	57.25 1.61 0.00	51.74 1.71 0.00	47.33 1.47 0.00	43.44 1.34 0.00	45.45 1.42 0.00	46.05 1.50 0.00	51.42 1.84 0.00	51.36 1.99 0.00	51.15 1.94 0.00	52.53 2.00 0.00	53.05 1.98 0.00	64.13 2.70 0.00	74.96 4.30 0.00	69.93 4.90 0.00	73.20 5.62 0.00	67.55 5.76 0.00	79.98 6.75 0.00	82.64 6.57 0.00	86.18 6.14 0.00	81.97 4.52 0.00	75.22 3.10 0.00	68.42 2.20 0.00	58.09 2.03 0.00
PEEKSKILL___ 23653	51.87 1.07 0.00	56.64 1.00 0.00	51.21 1.17 0.00	46.83 0.97 0.00	42.98 0.88 0.00	44.96 0.94 0.00	45.53 0.98 0.00	50.76 1.18 0.00	50.68 1.32 0.00	50.46 1.25 0.00	51.84 1.32 0.00	52.32 1.25 0.00	63.16 1.73 0.00	73.80 3.14 0.00	68.78 3.75 0.00	71.94 4.36 0.00	66.35 4.56 0.00	78.45 5.21 0.00	81.01 4.95 0.00	84.51 4.47 0.00	80.38 2.94 0.00	73.80 1.67 0.00	67.29 1.07 0.00	57.30 1.24 0.00
PGE MADISON___WINDPWR 24146	54.96 4.14 -0.02	60.22 4.24 -0.34	53.72 3.38 -0.31	49.13 3.08 -0.19	45.02 2.92 0.00	47.33 3.30 0.00	48.06 3.50 0.00	53.34 3.75 -0.01	53.16 3.80 0.00	52.52 3.30 -0.01	53.99 3.47 0.00	54.79 3.72 0.00	67.48 5.08 -0.97	79.35 7.12 -1.57	71.85 6.04 -0.78	73.97 6.39 0.00	68.00 6.20 0.00	80.70 7.46 0.00	84.24 8.18 0.00	89.46 9.13 -0.30	86.42 7.97 -1.01	80.26 6.65 -1.48	71.56 4.77 -0.57	60.30 3.92 -0.33

PIERCEFIELD___HYD 23852	52.13 1.33 -0.01	57.74 1.97 -0.13	51.74 1.58 -0.12	47.46 1.54 -0.07	43.58 1.48 0.00	45.56 1.54 0.00	46.19 1.64 0.00	51.26 1.68 0.00	50.73 1.37 0.00	50.58 1.36 0.00	51.59 1.06 0.00	51.53 0.46 0.00	61.67 -0.11 -0.35	69.51 -1.73 -0.57	62.52 -2.79 -0.29	64.24 -3.34 0.00	58.20 -3.59 0.00	69.06 -4.18 0.00	71.92 -4.14 0.00	76.87 -3.27 -0.11	76.18 -1.63 -0.36	72.48 -0.19 -0.54	67.38 0.95 -0.21	57.49 1.32 -0.12
PINELAWN_CC_1 323563	52.27 1.47 0.00	57.64 2.00 0.00	52.17 2.13 0.00	47.60 1.74 0.00	43.78 1.68 0.00	45.91 1.88 0.00	46.38 1.82 0.00	51.49 1.91 0.00	51.66 2.30 0.00	50.96 1.75 0.00	51.88 1.35 0.00	51.77 0.70 0.00	62.30 0.87 0.00	74.97 2.94 -1.36	84.83 3.93 -15.87	86.75 4.67 -14.50	80.36 5.14 -13.43	90.70 5.75 -11.71	90.94 5.33 -9.54	97.87 4.59 -13.24	80.48 3.03 0.00	72.99 1.46 0.59	66.67 0.78 0.34	56.93 1.02 0.15
PJM_GEN_HTP_PROXY 323702	52.04 1.24 0.00	56.77 1.13 0.00	51.27 1.35 0.12	47.05 1.19 0.00	43.23 1.13 0.00	45.23 1.20 0.00	43.90 1.27 1.92	51.05 1.48 0.00	50.98 1.62 0.00	50.77 1.56 0.00	52.19 1.67 0.00	53.98 1.51 -1.41	61.10 2.00 2.33	70.81 3.45 3.31	68.95 4.19 0.27	72.45 4.87 0.00	66.82 5.02 0.00	78.79 5.55 0.00	70.92 5.21 10.35	84.37 4.67 0.33	80.50 3.06 0.00	73.89 1.76 0.00	67.38 1.16 0.00	66.77 1.46 -9.26
PJM_GEN_KEystone 24065	50.92 0.12 0.00	55.66 0.01 0.00	3.52 -0.33 46.18	26.52 -0.49 18.85	30.74 -0.49 10.88	30.57 -0.38 13.08	40.21 -0.29 4.04	40.31 -0.36 8.90	49.23 -0.13 0.00	47.99 -0.04 1.18	50.69 0.16 0.00	52.84 0.36 -1.41	73.20 1.00 -10.77	69.76 2.40 3.31	67.55 2.79 0.27	70.69 3.11 0.00	64.74 2.94 0.00	76.41 3.17 0.00	68.62 2.91 10.35	82.61 2.63 0.06	77.89 1.41 0.96	72.96 0.83 0.00	64.40 -0.03 1.79	71.33 0.26 -15.01
PJM_GEN_NEPTUNE_PROXY 323594	51.75 0.95 0.00	56.96 1.32 0.00	51.41 1.50 0.12	47.07 1.21 0.00	43.28 1.18 0.00	45.35 1.33 0.00	43.86 1.23 1.92	50.84 1.27 0.00	50.96 1.60 0.00	50.61 1.40 0.00	51.70 1.17 0.00	53.22 0.74 -1.41	60.32 1.23 2.33	70.35 2.99 3.31	68.65 3.90 0.27	71.65 4.60 0.53	67.77 4.92 -1.06	78.78 5.51 -0.04	70.84 5.13 10.35	84.09 4.38 0.33	80.34 2.90 0.00	68.49 1.44 5.08	61.45 0.67 5.44	66.21 0.91 -9.25
PJM_GEN_VFT_PROXY 323633	51.71 0.90 0.00	56.36 0.73 0.01	50.59 1.04 0.48	46.77 0.91 0.00	42.97 0.87 0.00	44.97 0.94 0.00	43.62 0.99 1.92	50.73 1.15 0.00	50.66 1.30 0.00	50.45 1.23 0.00	51.84 1.32 0.00	53.64 1.16 -1.41	60.67 1.57 2.33	70.30 2.94 3.31	68.46 3.70 0.27	71.96 4.39 0.00	66.36 4.57 0.00	78.26 5.02 0.00	70.35 4.64 10.35	83.79 4.09 0.33	79.90 2.46 0.00	73.33 1.21 0.00	66.89 0.67 0.00	66.43 1.12 -9.26
PLATSBURG_115KV_PMLD1 355749	51.31 0.51 0.00	56.71 1.06 0.00	50.98 0.94 0.00	46.80 0.94 0.00	43.22 1.12 0.00	44.95 0.93 0.00	45.38 0.82 0.00	50.67 1.10 0.00	50.12 0.76 0.00	50.05 0.84 0.00	51.38 0.85 0.00	51.82 0.75 0.00	61.98 0.55 0.00	70.28 -0.39 0.00	63.89 -1.14 0.00	66.21 -1.36 0.00	60.15 -1.64 0.00	71.08 -2.15 0.00	74.16 -1.90 0.00	78.54 -1.50 0.00	76.67 -0.77 0.00	72.60 0.47 0.00	67.07 0.86 0.00	56.96 0.90 0.00
PLEASANTVLY___LBMP 24000	51.55 0.75 0.00	56.30 0.66 0.00	50.93 0.90 0.00	46.64 0.78 0.00	42.81 0.70 0.00	44.74 0.71 0.00	45.29 0.74 0.00	50.53 0.96 0.00	50.44 1.08 0.00	50.20 0.98 0.00	51.48 0.96 0.00	51.95 0.88 0.00	62.67 1.25 0.00	73.12 2.46 0.00	68.11 3.08 0.00	71.21 3.63 0.00	65.68 3.88 0.00	77.71 4.48 0.00	80.34 4.28 0.00	83.89 3.86 0.00	79.93 2.48 0.00	73.47 1.34 0.00	67.05 0.83 0.00	56.94 0.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.00 1.20 0.00	56.78 1.14 0.00	51.35 1.32 0.00	46.99 1.13 0.00	43.15 1.05 0.00	45.13 1.11 0.00	45.70 1.15 0.00	50.96 1.38 0.00	50.90 1.54 0.00	50.67 1.46 0.00	52.05 1.52 0.00	52.51 1.44 0.00	63.38 1.95 0.00	74.01 3.34 0.00	69.02 4.00 0.00	72.20 4.63 0.00	66.63 4.84 0.00	78.76 5.53 0.00	81.34 5.28 0.00	84.84 4.80 0.00	80.70 3.26 0.00	74.09 1.96 0.00	67.52 1.30 0.00	57.46 1.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.00 1.20 0.00	56.78 1.14 0.00	51.35 1.32 0.00	46.99 1.13 0.00	43.15 1.05 0.00	45.13 1.11 0.00	45.70 1.15 0.00	50.96 1.38 0.00	50.90 1.54 0.00	50.67 1.46 0.00	52.05 1.52 0.00	52.51 1.44 0.00	63.38 1.95 0.00	74.01 3.34 0.00	69.02 4.00 0.00	72.20 4.63 0.00	66.63 4.84 0.00	78.76 5.53 0.00	81.34 5.28 0.00	84.84 4.80 0.00	80.70 3.26 0.00	74.09 1.96 0.00	67.52 1.30 0.00	57.46 1.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.14 1.34 0.00	56.88 1.24 0.00	51.41 1.38 0.00	47.04 1.19 0.00	43.18 1.08 0.00	45.15 1.12 0.00	45.74 1.19 0.00	51.07 1.50 0.00	51.02 1.66 0.00	50.79 1.57 0.00	52.11 1.59 0.00	52.62 1.55 0.00	63.57 2.14 0.00	74.32 3.66 0.00	69.26 4.24 0.00	72.48 4.90 0.00	66.93 5.14 0.00	79.24 6.00 0.00	81.96 5.90 0.00	85.54 5.50 0.00	81.42 3.98 0.00	74.79 2.66 0.00	68.07 1.85 0.00	57.75 1.70 0.00
POLETTI_____ 23519	51.90 1.10 0.00	56.61 0.96 0.00	51.26 1.23 0.00	46.93 1.08 0.00	43.14 1.04 0.00	45.12 1.09 0.00	45.70 1.15 0.00	50.91 1.34 0.00	50.84 1.47 0.00	50.62 1.40 0.00	52.02 1.50 0.00	52.41 1.34 0.00	63.23 1.81 0.00	73.83 3.17 0.00	68.95 3.93 0.00	72.20 4.62 0.00	66.60 4.80 0.00	78.55 5.31 0.00	80.99 4.93 0.00	84.42 4.39 0.00	80.23 2.79 0.00	73.63 1.51 0.00	67.14 0.92 0.00	57.37 1.31 0.00
POMONA___ESR 323819	51.96 1.16 0.00	56.71 1.07 0.00	51.26 1.22 0.00	46.83 0.97 0.00	42.94 0.84 0.00	44.93 0.90 0.00	45.48 0.93 0.00	50.71 1.14 0.00	50.66 1.30 0.00	50.47 1.25 0.00	51.86 1.34 0.00	52.41 1.34 0.00	63.32 1.89 0.00	74.04 3.37 0.00	68.98 3.96 0.00	72.14 4.56 0.00	66.52 4.73 0.00	78.67 5.43 0.00	81.21 5.15 0.00	84.71 4.67 0.00	80.50 3.06 0.00	73.89 1.77 0.00	67.36 1.14 0.00	57.35 1.30 0.00
PORT_JEFF_3 23555	52.16 1.35 0.00	57.69 2.04 0.00	52.24 2.20 0.00	47.66 1.80 0.00	43.87 1.77 0.00	46.03 2.00 0.00	46.50 1.95 0.00	51.55 1.98 0.00	51.74 2.38 0.00	51.36 2.15 0.00	52.42 1.87 -0.02	52.24 1.17 0.00	63.08 1.65 0.00	95.45 3.40 -21.38	292.19 4.24 -222.93	255.51 4.82 -183.11	180.24 5.13 -113.31	261.15 5.77 -182.14	248.12 5.41 -166.65	284.00 4.67 -199.30	80.47 3.03 0.00	70.22 1.41 3.32	63.58 0.80 3.44	56.84 1.12 0.33
PORT_JEFF_4 23616	52.16 1.35 0.00	57.69 2.04 0.00	52.24 2.20 0.00	47.66 1.80 0.00	43.87 1.77 0.00	46.03 2.00 0.00	46.50 1.95 0.00	51.55 1.98 0.00	51.74 2.38 0.00	51.36 2.15 0.00	52.42 1.87 -0.02	52.24 1.17 0.00	63.08 1.65 0.00	95.45 3.40 -21.38	292.19 4.24 -222.93	255.51 4.82 -183.11	180.24 5.13 -113.31	261.15 5.77 -182.14	248.12 5.41 -166.65	284.00 4.67 -199.30	80.47 3.03 0.00	70.22 1.41 3.32	63.58 0.80 3.44	56.84 1.12 0.33

PORT_JEFF_IC 23713	52.28 1.48 0.00	57.81 2.16 0.00	52.34 2.31 0.00	47.75 1.90 0.00	43.95 1.85 0.00	46.12 2.09 0.00	46.59 2.05 0.00	51.69 2.11 0.00	51.89 2.53 0.00	51.52 2.30 0.00	52.61 2.06 -0.02	52.39 1.32 0.00	63.33 1.90 0.00	98.86 3.54 -24.66	325.55 4.40 -256.13	292.82 5.07 -220.16	213.75 5.34 -146.61	293.50 6.02 -214.24	292.61 5.66 -210.90	314.45 4.91 -229.50	80.67 3.23 -0.01	70.46 1.57 3.24	64.02 1.14 3.35	56.93 1.31 0.44
PPL PILGRIM_ST_GT1 24216	52.47 1.67 0.00	58.05 2.41 0.00	52.58 2.54 0.00	47.97 2.11 0.00	44.13 2.03 0.00	46.32 2.29 0.00	46.76 2.21 0.00	51.74 2.17 0.00	51.90 2.54 0.00	51.48 2.27 0.00	52.45 1.92 0.00	52.33 1.25 0.00	63.26 1.83 0.00	79.02 3.99 -4.36	128.45 5.02 -58.41	121.93 5.46 -48.90	95.33 5.82 -27.71	116.30 6.52 -36.54	112.66 6.08 -30.51	130.75 5.74 -44.97	81.60 4.16 0.00	71.65 2.41 2.88	64.79 1.51 2.94	57.38 1.64 0.33
PPL PILGRIM_ST_GT2 24217	52.47 1.67 0.00	58.05 2.41 0.00	52.58 2.54 0.00	47.97 2.11 0.00	44.13 2.03 0.00	46.32 2.29 0.00	46.76 2.21 0.00	51.74 2.17 0.00	51.90 2.54 0.00	51.48 2.27 0.00	52.45 1.92 0.00	52.33 1.25 0.00	63.26 1.83 0.00	79.02 3.99 -4.36	128.45 5.02 -58.41	121.93 5.46 -48.90	95.33 5.82 -27.71	116.30 6.52 -36.54	112.66 6.08 -30.51	130.75 5.74 -44.97	81.60 4.16 0.00	71.65 2.41 2.88	64.79 1.51 2.94	57.38 1.64 0.33
PPL_SHRM_GT3 24213	52.27 1.47 0.00	57.72 2.07 0.00	52.24 2.20 0.00	47.64 1.78 0.00	43.85 1.75 0.00	46.03 2.00 0.00	46.48 1.93 0.00	51.17 1.59 0.00	51.39 2.03 0.00	51.00 1.79 0.00	52.15 1.60 -0.02	51.80 0.73 0.00	62.75 1.32 0.00	96.03 3.53 -21.84	297.27 4.65 -227.60	262.32 5.44 -189.30	187.19 5.77 -119.62	267.55 7.29 -187.02	257.70 7.01 -174.64	289.85 6.29 -203.52	81.91 4.46 -0.01	71.40 2.55 3.28	64.42 1.59 3.39	57.27 1.57 0.35
PPL_SHRM_GT4 24214	52.27 1.47 0.00	57.72 2.07 0.00	52.24 2.20 0.00	47.64 1.78 0.00	43.85 1.75 0.00	46.03 2.00 0.00	46.48 1.93 0.00	51.17 1.59 0.00	51.39 2.03 0.00	51.00 1.79 0.00	52.15 1.60 -0.02	51.80 0.73 0.00	62.75 1.32 0.00	96.03 3.53 -21.84	297.27 4.65 -227.60	262.32 5.44 -189.30	187.19 5.77 -119.62	267.55 7.29 -187.02	257.70 7.01 -174.64	289.85 6.29 -203.52	81.91 4.46 -0.01	71.40 2.55 3.28	64.42 1.59 3.39	57.27 1.57 0.35
PROJECT___ORANGE 1 24174	50.49 -0.34 -0.03	55.62 -0.47 -0.45	49.80 -0.65 -0.42	45.42 -0.69 -0.25	41.48 -0.62 0.00	43.45 -0.58 0.00	44.03 -0.52 0.00	49.00 -0.59 -0.01	48.85 -0.51 0.00	48.76 -0.48 -0.02	50.15 -0.37 0.00	50.92 -0.15 0.00	62.84 0.15 -1.26	73.43 0.72 -2.04	67.02 0.97 -1.02	68.73 1.15 0.00	62.87 1.08 0.00	74.45 1.21 0.00	77.36 1.30 0.00	81.69 1.27 -0.39	79.50 0.78 -1.28	74.47 0.42 -1.92	66.71 -0.25 -0.75	56.10 -0.38 -0.43
PROJECT___ORANGE 2 24166	50.49 -0.34 -0.03	55.62 -0.47 -0.45	49.80 -0.65 -0.42	45.42 -0.69 -0.25	41.48 -0.62 0.00	43.45 -0.58 0.00	44.03 -0.52 0.00	49.00 -0.59 -0.01	48.85 -0.51 0.00	48.76 -0.48 -0.02	50.15 -0.37 0.00	50.92 -0.15 0.00	62.84 0.15 -1.26	73.43 0.72 -2.04	67.02 0.97 -1.02	68.73 1.15 0.00	62.87 1.08 0.00	74.45 1.21 0.00	77.36 1.30 0.00	81.69 1.27 -0.39	79.50 0.78 -1.28	74.47 0.42 -1.92	66.71 -0.25 -0.75	56.10 -0.38 -0.43
PUCKETT___SOLAR 323809	51.98 1.16 -0.02	57.08 1.13 -0.31	51.04 0.72 -0.29	46.64 0.60 -0.18	42.67 0.57 0.00	44.73 0.71 0.00	45.32 0.77 0.00	50.31 0.72 -0.01	50.20 0.84 0.00	49.81 0.58 -0.01	51.14 0.61 0.00	51.62 0.55 0.00	63.76 1.43 -0.90	74.77 2.66 -1.46	68.44 2.69 -0.73	70.26 2.68 0.00	64.69 2.89 0.00	76.36 3.13 0.00	79.43 3.37 0.00	84.06 3.75 -0.28	81.42 3.04 -0.94	75.83 2.33 -1.37	67.90 1.14 -0.53	57.35 0.99 -0.30
PYRITES___HYD 24023	53.43 2.63 0.00	58.95 3.30 0.00	52.79 2.76 0.00	48.48 2.62 0.00	44.63 2.53 0.00	46.68 2.65 0.00	47.35 2.80 0.00	52.46 2.88 0.00	51.63 2.27 0.00	51.29 2.07 0.00	52.21 1.68 0.00	52.21 1.14 0.00	62.10 0.67 0.00	69.83 -0.83 0.00	63.13 -1.90 0.00	65.10 -2.48 0.00	58.90 -2.89 0.00	69.89 -3.35 0.00	72.86 -3.20 0.00	78.65 -1.38 0.00	78.13 0.69 0.00	74.13 2.01 0.00	69.03 2.82 0.00	58.85 2.80 0.00
QUAKERRD_115KV_BK1 80622	50.37 -0.43 0.00	55.05 -0.60 0.00	48.75 -1.29 0.00	44.36 -1.50 0.00	40.66 -1.44 0.00	42.72 -1.30 0.00	43.42 -1.13 0.00	48.30 -1.27 0.00	48.32 -1.05 0.00	48.58 -0.64 0.00	50.17 -0.36 0.00	51.28 0.20 0.00	62.26 0.83 0.00	72.53 1.86 0.00	67.16 2.13 0.00	69.80 2.23 0.00	63.35 1.56 0.00	74.94 1.70 0.00	77.73 1.67 0.00	81.64 1.61 0.00	78.67 1.22 0.00	73.35 1.22 0.00	66.31 0.09 0.00	55.86 -0.20 0.00
QUENSBRY_115KV_TB8 356137	52.76 1.96 0.00	57.87 2.22 0.00	52.22 2.19 0.00	47.98 2.12 0.00	44.05 1.95 0.00	45.86 1.83 0.00	46.62 2.07 0.00	52.34 2.77 0.00	51.83 2.47 0.00	51.40 2.19 0.00	52.17 1.65 0.00	52.51 1.44 0.00	63.45 2.03 0.00	73.66 3.00 0.00	68.82 3.79 0.00	72.21 4.63 0.00	66.23 4.44 0.00	79.25 6.01 0.00	82.99 6.93 0.00	87.04 7.00 0.00	82.73 5.29 0.00	76.56 4.43 0.00	69.84 3.62 0.00	58.03 1.98 0.00
RAMAPO___LBMP 323565	51.73 0.93 0.00	56.47 0.83 0.00	51.03 1.00 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.76 0.73 0.00	45.32 0.77 0.00	50.52 0.94 0.00	50.44 1.08 0.00	50.24 1.03 0.00	51.62 1.09 0.00	52.16 1.09 0.00	62.97 1.55 0.00	73.64 2.97 0.00	68.53 3.50 0.00	71.65 4.07 0.00	66.06 4.27 0.00	78.13 4.90 0.00	80.69 4.63 0.00	84.21 4.18 0.00	80.06 2.62 0.00	73.51 1.38 0.00	67.04 0.82 0.00	57.10 1.05 0.00
RANKINE____ 23646	51.70 0.90 0.00	56.52 0.88 0.00	49.36 -0.68 0.00	44.76 -1.10 0.00	40.98 -1.12 0.00	43.18 -0.84 0.00	43.97 -0.58 0.00	48.71 -0.87 0.00	48.90 -0.46 0.00	49.40 0.18 0.00	51.31 0.78 0.00	52.79 1.72 0.00	64.57 3.14 0.00	75.64 4.97 0.00	70.20 5.18 0.00	72.80 5.22 0.00	65.47 3.67 0.00	76.98 3.74 0.00	79.48 3.42 0.00	83.41 3.38 0.00	80.68 3.24 0.00	75.71 3.58 0.00	68.10 1.88 0.00	57.50 1.44 0.00
RAVENSWOOD_GT2_1 24244	52.05 1.25 0.00	56.77 1.13 0.00	51.40 1.37 0.00	47.06 1.21 0.00	43.25 1.15 0.00	45.23 1.20 0.00	45.83 1.28 0.00	51.03 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.15 1.63 0.00	52.53 1.46 0.00	63.37 1.94 0.00	73.97 3.31 0.00	69.06 4.04 0.00	72.29 4.71 0.00	66.69 4.89 0.00	78.68 5.45 0.00	81.15 5.09 0.00	84.60 4.57 0.00	80.40 2.95 0.00	73.81 1.69 0.00	67.32 1.10 0.00	57.53 1.47 0.00
RAVENSWOOD_GT2_2 24245	52.05 1.25 0.00	56.77 1.13 0.00	51.40 1.37 0.00	47.06 1.21 0.00	43.25 1.15 0.00	45.23 1.20 0.00	45.83 1.28 0.00	51.03 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.15 1.63 0.00	52.53 1.46 0.00	63.37 1.94 0.00	73.97 3.31 0.00	69.06 4.04 0.00	72.29 4.71 0.00	66.69 4.89 0.00	78.68 5.45 0.00	81.15 5.09 0.00	84.60 4.57 0.00	80.40 2.95 0.00	73.81 1.69 0.00	67.32 1.10 0.00	57.53 1.47 0.00

RAVENSWOOD_GT2_3 24246	52.07 1.28 0.00	56.81 1.16 0.00	51.42 1.38 0.00	47.09 1.23 0.00	43.27 1.17 0.00	45.25 1.23 0.00	45.85 1.30 0.00	51.07 1.49 0.00	51.00 1.63 0.00	50.77 1.56 0.00	52.21 1.68 0.00	52.57 1.50 0.00	63.42 1.99 0.00	74.02 3.36 0.00	69.12 4.10 0.00	72.34 4.76 0.00	66.74 4.94 0.00	78.74 5.50 0.00	81.22 5.16 0.00	84.66 4.63 0.00	80.47 3.03 0.00	73.87 1.74 0.00	67.37 1.15 0.00	57.55 1.49 0.00
RAVENSWOOD_GT2_4 24247	52.07 1.28 0.00	56.81 1.16 0.00	51.42 1.38 0.00	47.09 1.23 0.00	43.27 1.17 0.00	45.25 1.23 0.00	45.85 1.30 0.00	51.07 1.49 0.00	51.00 1.63 0.00	50.77 1.56 0.00	52.21 1.68 0.00	52.57 1.50 0.00	63.42 1.99 0.00	74.02 3.36 0.00	69.12 4.10 0.00	72.34 4.76 0.00	66.74 4.94 0.00	78.74 5.50 0.00	81.22 5.16 0.00	84.66 4.63 0.00	80.47 3.03 0.00	73.87 1.74 0.00	67.37 1.15 0.00	57.55 1.49 0.00
RAVENSWOOD_GT3_1 24248	52.05 1.25 0.00	56.79 1.14 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.25 1.15 0.00	45.23 1.20 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.17 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	73.97 3.31 0.00	69.07 4.05 0.00	72.31 4.73 0.00	66.69 4.90 0.00	78.69 5.45 0.00	81.16 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.81 1.69 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT3_2 24249	52.05 1.25 0.00	56.79 1.14 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.25 1.15 0.00	45.23 1.20 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.17 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	73.97 3.31 0.00	69.07 4.05 0.00	72.31 4.73 0.00	66.69 4.90 0.00	78.69 5.45 0.00	81.16 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.81 1.69 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT3_3 24250	52.16 1.36 0.00	56.89 1.25 0.00	51.50 1.47 0.00	47.15 1.29 0.00	43.34 1.24 0.00	45.31 1.29 0.00	45.92 1.37 0.00	51.14 1.57 0.00	51.07 1.71 0.00	50.86 1.64 0.00	52.28 1.75 0.00	52.67 1.60 0.00	63.54 2.11 0.00	74.17 3.50 0.00	69.26 4.23 0.00	72.49 4.91 0.00	66.87 5.08 0.00	78.89 5.65 0.00	81.36 5.30 0.00	84.83 4.79 0.00	80.62 3.17 0.00	74.01 1.89 0.00	67.48 1.26 0.00	57.65 1.59 0.00
RAVENSWOOD_GT3_4 24251	52.16 1.36 0.00	56.89 1.25 0.00	51.50 1.47 0.00	47.15 1.29 0.00	43.34 1.24 0.00	45.31 1.29 0.00	45.92 1.37 0.00	51.14 1.57 0.00	51.07 1.71 0.00	50.86 1.64 0.00	52.28 1.75 0.00	52.67 1.60 0.00	63.54 2.11 0.00	74.17 3.50 0.00	69.26 4.23 0.00	72.49 4.91 0.00	66.87 5.08 0.00	78.89 5.65 0.00	81.36 5.30 0.00	84.83 4.79 0.00	80.62 3.17 0.00	74.01 1.89 0.00	67.48 1.26 0.00	57.65 1.59 0.00
RAVENSWOOD_GT_1 23729	51.98 1.18 0.00	56.63 0.99 0.00	51.38 1.35 0.00	47.04 1.19 0.00	43.26 1.15 0.00	45.20 1.18 0.00	45.84 1.29 0.00	50.95 1.38 0.00	50.93 1.57 0.00	50.67 1.45 0.00	52.15 1.62 0.00	52.41 1.34 0.00	63.16 1.73 0.00	73.68 3.01 0.00	68.84 3.81 0.00	72.09 4.52 0.00	66.52 4.72 0.00	78.37 5.14 0.00	80.78 4.72 0.00	84.17 4.13 0.00	79.99 2.55 0.00	73.46 1.34 0.00	67.02 0.80 0.00	57.51 1.46 0.00
RAVENSWOOD_GT_10 24258	52.05 1.25 0.00	56.80 1.15 0.00	51.42 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.61 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.70 4.90 0.00	78.69 5.46 0.00	81.18 5.12 0.00	84.62 4.59 0.00	80.42 2.98 0.00	73.84 1.71 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_11 24259	52.05 1.25 0.00	56.80 1.15 0.00	51.42 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.61 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.70 4.90 0.00	78.69 5.46 0.00	81.18 5.12 0.00	84.62 4.59 0.00	80.42 2.98 0.00	73.84 1.71 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_4 24252	52.05 1.25 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.69 4.90 0.00	78.69 5.46 0.00	81.17 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.82 1.70 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_5 24254	52.05 1.25 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.69 4.90 0.00	78.69 5.46 0.00	81.17 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.82 1.70 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_6 24253	52.05 1.25 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.69 4.90 0.00	78.69 5.46 0.00	81.17 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.82 1.70 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_7 24255	52.05 1.25 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.69 4.90 0.00	78.69 5.46 0.00	81.17 5.10 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.82 1.70 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.05 1.25 0.00	56.80 1.15 0.00	51.42 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.61 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.70 4.90 0.00	78.69 5.46 0.00	81.18 5.12 0.00	84.62 4.59 0.00	80.42 2.98 0.00	73.84 1.71 0.00	67.33 1.11 0.00	57.53 1.47 0.00
RAVENSWOOD_GT_9 24257	52.05 1.25 0.00	56.80 1.15 0.00	51.42 1.38 0.00	47.06 1.21 0.00	43.26 1.16 0.00	45.24 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.61 0.00	50.74 1.53 0.00	52.18 1.65 0.00	52.54 1.48 0.00	63.37 1.94 0.00	74.00 3.33 0.00	69.08 4.05 0.00	72.32 4.74 0.00	66.70 4.90 0.00	78.69 5.46 0.00	81.18 5.12 0.00	84.62 4.59 0.00	80.42 2.98 0.00	73.84 1.71 0.00	67.33 1.11 0.00	57.53 1.47 0.00

RAVENSWOOD___1 23533	51.93 1.13 0.00	56.57 0.93 0.00	51.34 1.31 0.00	46.99 1.13 0.00	43.20 1.10 0.00	45.15 1.13 0.00	45.80 1.25 0.00	50.90 1.32 0.00	50.88 1.52 0.00	50.60 1.38 0.00	52.08 1.55 0.00	52.33 1.26 0.00	63.05 1.62 0.00	73.58 2.92 0.00	68.73 3.70 0.00	71.99 4.41 0.00	66.42 4.63 0.00	78.25 5.01 0.00	80.64 4.58 0.00	84.04 4.02 0.01	79.87 2.43 0.01	73.35 1.23 0.01	66.92 0.71 0.00	57.44 1.38 0.00
RAVENSWOOD___2 23534	51.79 0.99 0.00	56.41 0.76 0.00	51.23 1.19 0.00	46.89 1.03 0.00	43.11 1.01 0.00	45.04 1.02 0.00	45.68 1.13 0.00	50.66 1.09 0.00	50.63 1.27 0.00	50.33 1.12 0.00	51.78 1.26 0.00	51.85 0.78 0.00	62.44 1.01 0.00	72.84 2.18 0.00	68.05 3.02 0.00	71.29 3.71 0.00	65.84 4.04 0.00	77.56 4.33 0.00	79.93 3.87 0.00	83.28 3.25 0.01	79.14 1.70 0.01	72.70 0.57 0.01	66.34 0.12 0.00	57.07 1.02 0.00
RAVENSWOOD___3 23535	52.05 1.25 0.00	56.79 1.15 0.00	51.41 1.38 0.00	47.06 1.20 0.00	43.25 1.15 0.00	45.23 1.21 0.00	45.83 1.28 0.00	51.04 1.46 0.00	50.97 1.60 0.00	50.75 1.53 0.00	52.17 1.65 0.00	52.54 1.47 0.00	63.37 1.94 0.00	73.99 3.33 0.00	69.08 4.06 0.00	72.31 4.74 0.00	66.69 4.90 0.00	78.69 5.46 0.00	81.17 5.11 0.00	84.60 4.57 0.00	80.40 2.96 0.00	73.82 1.69 0.00	67.34 1.12 0.00	57.53 1.47 0.00
RAVENSWOOD___4 23820	51.88 1.08 0.00	56.50 0.86 0.00	51.30 1.27 0.00	46.95 1.09 0.00	43.16 1.06 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.83 1.25 0.00	50.82 1.45 0.00	50.52 1.31 0.00	52.02 1.49 0.00	52.25 1.18 0.00	62.96 1.53 0.00	73.47 2.80 0.00	68.63 3.60 0.00	71.89 4.31 0.00	66.33 4.54 0.00	78.15 4.91 0.00	80.54 4.48 0.00	83.92 3.89 0.01	79.75 2.31 0.01	73.25 1.13 0.01	66.83 0.62 0.00	57.39 1.33 0.00
RCPL_TRUST___DRP 24196	52.09 1.30 0.00	56.84 1.20 0.00	51.46 1.42 0.00	47.11 1.25 0.00	43.30 1.19 0.00	45.29 1.27 0.00	45.90 1.35 0.00	51.13 1.56 0.00	51.07 1.71 0.00	50.87 1.66 0.00	52.30 1.77 0.00	52.69 1.62 0.00	63.57 2.14 0.00	74.26 3.60 0.00	69.35 4.32 0.00	72.59 5.01 0.00	66.95 5.15 0.00	78.94 5.70 0.00	81.41 5.35 0.00	84.85 4.81 0.00	80.63 3.19 0.00	74.00 1.88 0.00	67.46 1.24 0.00	57.59 1.54 0.00
RED___ROCHESTER 323720	52.15 1.35 0.00	56.95 1.31 0.00	50.26 0.23 0.00	45.67 -0.19 0.00	41.85 -0.26 0.00	44.00 -0.03 0.00	44.77 0.22 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.39 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.31 0.00	78.22 4.98 0.00	81.10 5.04 0.00	85.12 5.09 0.00	81.89 4.49 0.04	76.34 4.21 0.00	68.90 2.68 0.00	58.00 1.95 0.00
REGAN___SOLAR 323812	53.80 3.00 0.00	58.78 3.14 0.00	52.79 2.76 0.00	48.31 2.45 0.00	44.35 2.25 0.00	46.47 2.44 0.00	47.10 2.55 0.00	51.84 2.26 0.00	50.35 0.99 0.00	49.75 0.53 0.00	50.54 0.01 0.00	51.20 0.13 0.00	62.30 0.87 0.00	71.97 1.30 0.00	68.43 3.41 0.00	70.48 2.90 0.00	64.25 2.45 0.00	76.63 3.39 0.00	81.10 5.05 0.00	86.14 6.10 0.00	83.44 6.00 0.00	77.28 5.15 0.00	70.45 4.23 0.00	59.49 3.43 0.00
RENSSELAER___COGEN 23796	50.31 -0.49 0.00	55.03 -0.61 0.00	49.78 -0.25 0.00	45.72 -0.14 0.00	41.94 -0.16 0.00	43.78 -0.24 0.00	44.26 -0.29 0.00	49.38 -0.19 0.00	49.14 -0.22 0.00	48.81 -0.41 0.00	49.86 -0.66 0.00	50.31 -0.76 0.00	60.58 -0.85 0.00	70.27 -0.39 0.00	65.25 0.22 0.00	68.00 0.42 0.00	62.57 0.78 0.00	74.39 1.15 0.00	77.22 1.16 0.00	80.95 0.91 0.00	77.60 0.16 0.00	71.66 -0.46 0.00	65.57 -0.65 0.00	55.22 -0.84 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.01 4.21 0.00	60.65 5.01 0.00	54.93 4.89 0.00	50.61 4.75 0.00	46.70 4.60 0.00	48.05 4.02 0.00	48.96 4.41 0.00	55.49 5.91 0.00	54.69 5.32 0.00	53.57 4.36 0.00	54.39 3.86 0.00	54.38 3.31 0.00	65.75 4.32 0.00	76.78 6.12 0.00	71.77 6.75 0.00	75.51 7.93 0.00	69.88 8.08 0.00	84.18 10.94 0.00	87.85 11.78 0.00	92.85 12.82 0.00	86.99 9.54 0.00	80.80 8.67 0.00	73.71 7.49 0.00	60.43 4.38 0.00
REVERE_CPPR_DRP 24186	53.31 2.49 -0.01	58.55 2.68 -0.22	52.38 2.14 -0.21	47.91 1.92 -0.13	43.87 1.77 0.00	46.02 1.99 0.00	46.71 2.16 0.00	51.91 2.33 0.00	51.59 2.23 0.00	51.19 1.97 -0.01	52.51 1.98 0.00	52.97 1.90 0.00	64.63 2.57 -0.63	75.36 3.68 -1.02	69.24 3.70 -0.51	70.90 3.33 0.00	65.03 3.24 0.00	77.45 4.22 0.00	80.91 4.85 0.00	85.71 5.49 -0.19	83.28 5.20 -0.64	77.49 4.40 -0.96	70.18 3.59 -0.37	59.03 2.76 -0.21
REYNLDPA_13_KV_LD 356490	51.71 0.91 0.00	56.85 1.21 0.00	50.98 0.95 0.00	46.81 0.95 0.00	43.00 0.90 0.00	44.93 0.90 0.00	45.51 0.95 0.00	50.37 0.80 0.00	50.00 0.64 0.00	50.01 0.80 0.00	51.36 0.84 0.00	51.74 0.67 0.00	61.82 0.39 0.00	69.89 -0.78 0.00	63.60 -1.43 0.00	65.85 -1.73 0.00	59.75 -2.04 0.00	70.73 -2.51 0.00	73.48 -2.58 0.00	77.80 -2.24 0.00	76.31 -1.14 0.00	71.99 -0.14 0.00	66.83 0.60 0.00	56.92 0.86 0.00
REYNOLDS_115KV_TB3 80639	50.77 -0.02 0.00	55.55 -0.09 0.00	50.25 0.22 0.00	46.16 0.30 0.00	42.34 0.23 0.00	44.17 0.14 0.00	44.68 0.13 0.00	49.93 0.36 0.00	49.66 0.30 0.00	49.35 0.14 0.00	50.43 -0.09 0.00	50.88 -0.19 0.00	61.26 -0.17 0.00	71.05 0.39 0.00	66.00 0.97 0.00	68.80 1.22 0.00	63.30 1.50 0.00	75.32 2.09 0.00	78.18 2.12 0.00	81.91 1.88 0.00	78.46 1.02 0.00	72.48 0.35 0.00	66.34 0.12 0.00	55.81 -0.25 0.00
RIVERBAY____ 323610	53.61 2.81 0.00	58.52 2.87 0.00	53.07 3.03 0.00	48.54 2.68 0.00	44.66 2.56 0.00	46.71 2.69 0.00	47.45 2.90 0.00	52.71 3.14 0.00	52.62 3.26 0.00	52.34 3.12 0.00	53.86 3.34 0.00	54.15 3.08 0.00	65.26 3.83 0.00	76.18 5.51 0.00	71.08 6.05 0.00	74.45 6.87 0.00	68.71 6.91 0.00	80.90 7.66 0.00	83.37 7.31 0.00	87.01 6.98 0.00	82.78 5.34 0.00	76.12 4.00 0.00	69.45 3.23 0.00	59.64 3.58 0.00
RIVERSDE_115KV_TB3 55908	50.66 -0.13 0.00	55.41 -0.24 0.00	50.12 0.09 0.00	46.02 0.16 0.00	42.23 0.13 0.00	44.07 0.04 0.00	44.57 0.02 0.00	49.78 0.21 0.00	49.54 0.18 0.00	49.24 0.03 0.00	50.32 -0.20 0.00	50.79 -0.28 0.00	61.17 -0.26 0.00	70.96 0.29 0.00	65.92 0.89 0.00	68.72 1.14 0.00	63.20 1.41 0.00	75.15 1.91 0.00	78.03 1.97 0.00	81.75 1.71 0.00	78.33 0.89 0.00	72.33 0.21 0.00	66.17 -0.05 0.00	55.68 -0.37 0.00
ROARING___BROOK_WT_PWR 323790	50.77 -0.03 0.00	55.74 0.10 0.00	50.14 0.11 0.00	45.99 0.13 0.00	42.23 0.12 0.00	44.14 0.11 0.00	44.64 0.09 0.00	49.68 0.10 0.00	49.43 0.07 0.00	49.30 0.09 0.00	50.59 0.06 0.00	50.99 -0.08 0.00	61.13 -0.30 0.00	70.07 -0.59 0.00	64.32 -0.70 0.00	66.75 -0.82 0.00	60.94 -0.85 0.00	72.27 -0.96 0.00	75.12 -0.95 0.00	79.08 -0.96 0.00	76.65 -0.80 0.00	71.60 -0.52 0.00	66.17 -0.05 0.00	56.12 0.07 0.00

ROCHESRG_115KV_T4 355643	51.37 0.57 0.00	56.14 0.49 0.00	49.58 -0.45 0.00	45.07 -0.79 0.00	41.30 -0.80 0.00	43.42 -0.61 0.00	44.15 -0.40 0.00	48.86 -0.71 0.00	48.74 -0.62 0.00	49.03 -0.18 0.00	50.67 0.15 0.00	51.83 0.75 0.00	62.98 1.55 0.00	73.42 2.75 0.00	68.00 2.97 0.00	70.63 3.05 0.00	63.97 2.18 0.00	75.58 2.34 0.00	78.34 2.29 0.00	82.27 2.24 0.00	79.38 1.94 0.00	74.14 2.01 0.00	67.03 0.80 0.00	56.54 0.48 0.00
ROCHESTER_9_IC 23652	51.77 0.97 0.00	56.57 0.93 0.00	49.94 -0.10 0.00	45.39 -0.47 0.00	41.59 -0.51 0.00	43.73 -0.30 0.00	44.49 -0.06 0.00	49.57 -0.01 0.00	49.67 0.31 0.00	50.01 0.80 0.00	51.70 1.18 0.00	52.94 1.87 0.00	64.37 2.94 0.00	75.12 4.46 0.00	69.59 4.56 0.00	72.32 4.74 0.00	65.49 3.69 0.00	77.44 4.20 0.00	80.28 4.22 0.00	84.31 4.28 0.00	81.23 3.79 0.00	75.76 3.64 0.00	68.40 2.18 0.00	57.60 1.54 0.00
ROCKVIEW_13_KV_LD 356306	52.28 1.48 0.00	57.07 1.43 0.00	51.61 1.58 0.00	47.23 1.37 0.00	43.40 1.30 0.00	45.41 1.38 0.00	45.95 1.40 0.00	51.23 1.65 0.00	51.18 1.81 0.00	50.95 1.74 0.00	52.35 1.82 0.00	52.79 1.72 0.00	63.74 2.31 0.00	74.47 3.80 0.00	69.48 4.45 0.00	72.72 5.14 0.00	67.08 5.28 0.00	79.31 6.07 0.00	81.94 5.88 0.00	85.42 5.39 0.00	81.22 3.77 0.00	74.56 2.43 0.00	67.91 1.69 0.00	57.85 1.80 0.00
ROME____115KV_TB2 80656	53.31 2.49 -0.01	58.55 2.68 -0.22	52.38 2.14 -0.21	47.91 1.92 -0.13	43.87 1.77 0.00	46.02 1.99 0.00	46.71 2.16 0.00	51.91 2.33 0.00	51.59 2.23 0.00	51.19 1.97 -0.01	52.51 1.98 0.00	52.97 1.90 0.00	64.63 2.57 -0.63	75.36 3.68 -1.02	69.24 3.70 -0.51	70.90 3.33 0.00	65.03 3.24 0.00	77.45 4.22 0.00	80.91 4.85 0.00	85.71 5.49 -0.19	83.28 5.20 -0.64	77.49 4.40 -0.96	70.18 3.59 -0.37	59.03 2.76 -0.21
ROSETON____1 23587	51.58 0.78 0.00	56.34 0.69 0.00	50.94 0.90 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.73 0.70 0.00	45.27 0.72 0.00	50.49 0.92 0.00	50.39 1.03 0.00	50.13 0.92 0.00	51.43 0.90 0.00	51.90 0.83 0.00	62.60 1.17 0.00	73.02 2.36 0.00	67.99 2.96 0.00	71.07 3.49 0.00	65.54 3.75 0.00	77.55 4.32 0.00	80.16 4.10 0.00	83.71 3.68 0.00	79.75 2.30 0.00	73.31 1.18 0.00	66.89 0.67 0.00	56.89 0.84 0.00
ROSETON____2 23588	51.58 0.78 0.00	56.34 0.69 0.00	50.94 0.90 0.00	46.62 0.76 0.00	42.77 0.67 0.00	44.73 0.70 0.00	45.27 0.72 0.00	50.49 0.92 0.00	50.39 1.03 0.00	50.13 0.92 0.00	51.43 0.90 0.00	51.90 0.83 0.00	62.60 1.17 0.00	73.02 2.36 0.00	67.99 2.96 0.00	71.07 3.49 0.00	65.54 3.75 0.00	77.55 4.32 0.00	80.16 4.10 0.00	83.71 3.68 0.00	79.75 2.30 0.00	73.31 1.18 0.00	66.89 0.67 0.00	56.89 0.84 0.00
ROTTTRDAM_115KV_TB3 80664	51.56 0.76 0.00	56.41 0.77 0.00	50.91 0.87 0.00	46.70 0.84 0.00	42.86 0.76 0.00	44.78 0.75 0.00	45.30 0.75 0.00	50.46 0.89 0.00	50.12 0.76 0.00	49.84 0.63 0.00	51.00 0.47 0.00	51.52 0.45 0.00	62.13 0.70 0.00	72.00 1.33 0.00	66.85 1.82 0.00	69.75 2.17 0.00	63.91 2.12 0.00	75.91 2.67 0.00	78.96 2.90 0.00	82.92 2.89 0.00	79.67 2.23 0.00	73.73 1.60 0.00	67.44 1.22 0.00	56.88 0.83 0.00
RUSSELL____1 23602	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
RUSSELL____2 23532	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
RUSSELL____3 23549	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
RUSSELL____4 23556	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
RUSSELL____STATION 23914	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
S SALMON____HYD 24043	51.42 0.56 -0.06	57.26 0.64 -0.98	51.28 0.34 -0.91	46.62 0.21 -0.55	42.33 0.23 0.00	44.37 0.34 0.00	45.00 0.45 0.00	50.03 0.43 -0.02	49.71 0.35 0.00	49.36 0.11 -0.03	50.59 0.06 0.00	51.03 -0.04 0.00	64.27 0.09 -2.75	75.57 0.46 -4.45	67.71 0.46 -2.22	68.07 0.49 0.00	62.14 0.35 0.00	73.86 0.62 0.00	77.24 1.18 0.00	82.53 1.65 -0.84	81.85 1.62 -2.79	77.71 1.39 -4.19	68.86 1.01 -1.63	57.61 0.63 -0.93
S.PERRY__115KV_TB1 80734	52.22 1.42 0.00	56.91 1.27 0.00	50.15 0.11 0.00	45.59 -0.27 0.00	41.85 -0.25 0.00	44.09 0.06 0.00	44.98 0.42 0.00	49.85 0.28 0.00	49.30 -0.06 0.00	49.03 -0.18 0.00	50.88 0.35 0.00	51.80 0.73 0.00	62.91 1.05 -0.44	73.81 2.44 -0.70	67.81 2.44 -0.35	69.89 2.31 0.00	63.63 1.84 0.00	75.24 2.01 0.00	78.54 2.48 0.00	84.40 4.24 -0.13	82.23 4.35 -0.44	76.45 3.66 -0.66	68.15 1.68 -0.25	57.26 1.06 -0.15
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	51.33 0.53 0.00	56.13 0.49 0.00	49.01 -1.03 0.00	44.41 -1.45 0.00	40.65 -1.45 0.00	42.84 -1.19 0.00	43.61 -0.94 0.00	48.30 -1.27 0.00	48.47 -0.89 0.00	49.04 -0.17 0.00	50.93 0.40 0.00	52.42 1.35 0.00	63.99 2.57 0.00	74.95 4.29 0.00	69.56 4.54 0.00	72.11 4.54 0.00	64.80 3.00 0.00	76.20 2.96 0.00	78.70 2.64 0.00	82.57 2.54 0.00	79.97 2.53 0.00	75.16 3.03 0.00	67.65 1.43 0.00	57.13 1.08 0.00

SAWYER___23_KV_LOAD 55526	51.33 0.53 0.00	56.13 0.49 0.00	49.01 -1.03 0.00	44.41 -1.45 0.00	40.65 -1.45 0.00	42.84 -1.19 0.00	43.61 -0.94 0.00	48.30 -1.27 0.00	48.47 -0.89 0.00	49.04 -0.17 0.00	50.93 0.40 0.00	52.42 1.35 0.00	63.99 2.57 0.00	74.95 4.29 0.00	69.56 4.54 0.00	72.11 4.54 0.00	64.80 3.00 0.00	76.20 2.96 0.00	78.70 2.64 0.00	82.57 2.54 0.00	79.97 2.53 0.00	75.16 3.03 0.00	67.65 1.43 0.00	57.13 1.08 0.00
SELKIRK___I 23801	49.79 -1.01 0.00	54.48 -1.16 0.00	49.32 -0.72 0.00	45.28 -0.58 0.00	41.56 -0.54 0.00	43.40 -0.63 0.00	43.83 -0.73 0.00	48.84 -0.73 0.00	48.53 -0.83 0.00	48.18 -1.04 0.00	49.27 -1.25 0.00	49.73 -1.34 0.00	59.85 -1.58 0.00	69.33 -1.33 0.00	64.29 -0.73 0.00	66.90 -0.67 0.00	61.64 -0.15 0.00	73.17 -0.07 0.00	76.14 0.08 0.00	79.92 -0.11 0.00	76.80 -0.64 0.00	71.01 -1.12 0.00	65.00 -1.22 0.00	54.82 -1.24 0.00
SELKIRK___II 23799	50.16 -0.64 0.00	54.87 -0.77 0.00	49.64 -0.40 0.00	45.56 -0.29 0.00	41.81 -0.29 0.00	43.66 -0.37 0.00	44.12 -0.43 0.00	49.18 -0.39 0.00	48.96 -0.40 0.00	48.66 -0.55 0.00	49.78 -0.75 0.00	50.24 -0.82 0.00	60.50 -0.93 0.00	70.17 -0.49 0.00	65.11 0.08 0.00	67.81 0.23 0.00	62.39 0.59 0.00	74.10 0.86 0.00	76.90 0.84 0.00	80.62 0.59 0.00	77.36 -0.09 0.00	71.48 -0.65 0.00	65.40 -0.82 0.00	55.18 -0.87 0.00
SENECA OSWGO___HYD 24041	50.09 -0.79 -0.09	56.21 -0.91 -1.48	50.41 -0.99 -1.37	45.70 -0.99 -0.83	41.21 -0.89 0.00	43.17 -0.86 0.00	43.72 -0.83 0.00	48.66 -0.95 -0.03	48.46 -0.90 0.00	48.35 -0.92 -0.05	49.65 -0.87 0.00	50.42 -0.65 0.00	65.00 -0.59 -4.16	77.21 -0.19 -6.74	68.45 0.06 -3.37	67.78 0.20 0.00	62.02 0.23 0.00	73.55 0.32 0.00	76.50 0.43 0.00	81.74 0.42 -1.28	81.72 0.06 -4.22	78.27 -0.20 -6.35	67.93 -0.75 -2.46	56.62 -0.84 -1.41
SENECA___115KV_TB3 355854	51.81 1.01 0.00	56.64 1.00 0.00	49.45 -0.58 0.00	44.85 -1.01 0.00	41.07 -1.03 0.00	43.27 -0.76 0.00	44.05 -0.50 0.00	48.81 -0.77 0.00	49.00 -0.37 0.00	49.50 0.28 0.00	51.42 0.89 0.00	52.93 1.86 0.00	64.70 3.27 0.00	75.84 5.18 0.00	70.38 5.36 0.00	73.00 5.42 0.00	65.62 3.83 0.00	77.16 3.92 0.00	79.69 3.63 0.00	83.63 3.60 0.00	80.87 3.42 0.00	75.89 3.77 0.00	68.25 2.03 0.00	57.62 1.56 0.00
SENECA___ENERGY 23797	51.34 0.51 -0.04	56.56 0.33 -0.59	50.41 -0.18 -0.55	45.88 -0.31 -0.33	41.76 -0.34 0.00	43.81 -0.22 0.00	44.44 -0.11 0.00	49.45 -0.14 -0.01	49.26 -0.10 0.00	49.24 0.00 -0.02	50.68 0.15 0.00	51.54 0.47 0.00	64.23 1.11 -1.69	75.34 1.95 -2.73	68.49 2.11 -1.36	69.85 2.27 0.00	63.89 2.10 0.00	75.64 2.41 0.00	78.79 2.73 0.00	83.60 3.05 -0.52	81.57 2.43 -1.71	76.75 2.06 -2.57	68.04 0.83 -0.99	57.03 0.40 -0.57
SHOEMAKER___GT 23640	51.89 1.09 0.00	56.67 1.02 0.00	51.13 1.10 0.00	46.72 0.86 0.00	42.86 0.76 0.00	44.84 0.81 0.00	45.39 0.84 0.00	50.60 1.02 0.00	50.46 1.10 0.00	50.25 1.03 0.00	51.58 1.06 0.00	52.01 0.94 0.00	62.81 1.38 0.00	73.24 2.58 0.00	68.10 3.07 0.00	71.24 3.67 0.00	65.60 3.81 0.00	77.72 4.48 0.00	80.47 4.40 0.00	84.14 4.11 0.00	80.25 2.81 0.00	73.80 1.67 0.00	67.27 1.05 0.00	57.12 1.07 0.00
SHOEMAKR_138KV_BK 111 55601	51.84 1.04 0.00	56.61 0.97 0.00	51.09 1.06 0.00	46.69 0.83 0.00	42.83 0.73 0.00	44.82 0.79 0.00	45.34 0.79 0.00	50.55 0.97 0.00	50.43 1.07 0.00	50.22 1.00 0.00	51.56 1.03 0.00	52.02 0.95 0.00	62.81 1.38 0.00	73.25 2.58 0.00	68.11 3.08 0.00	71.21 3.63 0.00	65.60 3.80 0.00	77.68 4.44 0.00	80.40 4.34 0.00	84.04 4.01 0.00	80.14 2.70 0.00	73.69 1.56 0.00	67.19 0.97 0.00	57.07 1.01 0.00
SHOREHAM_IC_1 23715	52.27 1.47 0.00	57.72 2.07 0.00	52.24 2.20 0.00	47.64 1.78 0.00	43.85 1.75 0.00	46.03 2.00 0.00	46.48 1.93 0.00	51.17 1.59 0.00	51.39 2.03 0.00	51.00 1.79 0.00	52.15 1.60 -0.02	51.80 0.73 0.00	62.75 1.32 0.00	96.03 3.53 -21.84	297.27 4.65 -227.60	262.32 5.44 -189.30	187.19 5.77 -119.62	267.55 7.29 -187.02	257.70 7.01 -174.64	289.85 6.29 -203.52	81.91 4.46 -0.01	71.40 2.55 3.28	64.42 1.59 3.39	57.27 1.57 0.35
SHOREHAM_IC_2 23716	52.27 1.47 0.00	57.73 2.08 0.00	52.24 2.20 0.00	47.64 1.78 0.00	43.85 1.75 0.00	46.03 2.00 0.00	46.48 1.93 0.00	51.17 1.59 0.00	51.39 2.03 0.00	51.00 1.79 0.00	52.16 1.61 -0.02	51.81 0.73 0.00	62.74 1.31 0.00	96.03 3.53 -21.84	297.28 4.65 -227.60	262.32 5.44 -189.30	187.19 5.77 -119.62	267.55 7.29 -187.02	257.70 7.01 -174.64	289.85 6.30 -203.52	81.91 4.46 -0.01	71.42 2.57 3.28	64.50 1.67 3.39	57.27 1.57 0.35
SISSONVILLE____ 23735	52.13 1.33 -0.01	57.74 1.97 -0.13	51.74 1.58 -0.12	47.46 1.54 -0.07	43.58 1.48 0.00	45.56 1.54 0.00	46.19 1.64 0.00	51.26 1.68 0.00	50.73 1.37 0.00	50.58 1.36 0.00	51.59 1.06 0.00	51.53 0.46 0.00	61.67 -0.11 -0.35	69.51 -1.73 -0.57	62.52 -2.79 -0.29	64.24 -3.34 0.00	58.20 -3.59 0.00	69.06 -4.18 0.00	71.92 -4.14 0.00	76.87 -3.27 -0.11	76.18 -1.63 -0.36	72.48 -0.19 -0.54	67.38 0.95 -0.21	57.49 1.32 -0.12
SITHE_IND_GS1 24169	49.04 -1.51 0.26	49.65 -1.69 4.31	44.36 -1.67 4.00	41.82 -1.61 2.43	40.64 -1.46 0.00	42.54 -1.47 0.02	43.10 -1.45 0.00	47.84 -1.65 0.09	47.76 -1.60 0.00	47.47 -1.59 0.15	48.97 -1.56 0.00	49.65 -1.42 0.00	47.76 -1.52 12.15	49.61 -1.39 19.66	54.13 -1.07 9.83	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.93 -1.13 0.00	75.06 -1.25 3.72	63.65 -1.49 12.31	52.06 -1.54 18.53	57.22 -1.82 7.18	50.31 -1.64 4.11
SITHE_IND_GS2 24170	49.04 -1.51 0.26	49.65 -1.69 4.31	44.36 -1.67 4.00	41.82 -1.61 2.43	40.64 -1.46 0.00	42.54 -1.47 0.02	43.10 -1.45 0.00	47.84 -1.65 0.09	47.76 -1.60 0.00	47.47 -1.59 0.15	48.97 -1.56 0.00	49.65 -1.42 0.00	47.76 -1.52 12.15	49.61 -1.39 19.66	54.13 -1.07 9.83	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.93 -1.13 0.00	75.06 -1.25 3.72	63.65 -1.49 12.31	52.06 -1.54 18.53	57.22 -1.82 7.18	50.31 -1.64 4.11
SITHE_IND_GS3 24171	49.04 -1.51 0.26	49.65 -1.69 4.31	44.36 -1.67 4.00	41.82 -1.61 2.43	40.64 -1.46 0.00	42.54 -1.47 0.02	43.10 -1.45 0.00	47.84 -1.65 0.09	47.76 -1.60 0.00	47.47 -1.59 0.15	48.97 -1.56 0.00	49.65 -1.42 0.00	47.76 -1.52 12.15	49.61 -1.39 19.66	54.13 -1.07 9.83	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.93 -1.13 0.00	75.06 -1.25 3.72	63.65 -1.49 12.31	52.06 -1.54 18.53	57.22 -1.82 7.18	50.31 -1.64 4.11
SITHE_IND_GS4 24172	49.04 -1.51 0.26	49.65 -1.69 4.31	44.36 -1.67 4.00	41.82 -1.61 2.43	40.64 -1.46 0.00	42.54 -1.47 0.02	43.10 -1.45 0.00	47.84 -1.65 0.09	47.76 -1.60 0.00	47.47 -1.59 0.15	48.97 -1.56 0.00	49.65 -1.42 0.00	47.76 -1.52 12.15	49.61 -1.39 19.66	54.13 -1.07 9.83	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.93 -1.13 0.00	75.06 -1.25 3.72	63.65 -1.49 12.31	52.06 -1.54 18.53	57.22 -1.82 7.18	50.31 -1.64 4.11

SITHE___BATAVIA 24024	52.87 2.07 0.00	57.70 2.06 0.00	50.50 0.47 0.00	45.78 -0.07 0.00	41.91 -0.19 0.00	44.26 0.23 0.00	45.10 0.55 0.00	50.07 0.49 0.00	50.16 0.80 0.00	50.59 1.38 0.00	52.21 1.68 0.00	53.62 2.54 0.00	65.16 3.73 0.00	76.17 5.51 0.00	70.70 5.68 0.00	73.21 5.63 0.00	65.97 4.17 0.00	77.97 4.73 0.00	81.18 5.12 0.00	85.65 5.62 0.00	82.88 5.50 0.07	77.67 5.54 0.00	69.74 3.52 0.00	58.79 2.73 0.00
SITHE___INDEPEND 23800	49.03 -1.51 0.26	49.65 -1.69 4.31	44.36 -1.67 4.00	41.82 -1.61 2.43	40.64 -1.46 0.00	42.54 -1.47 0.02	43.10 -1.45 0.00	47.84 -1.65 0.09	47.76 -1.60 0.00	47.47 -1.59 0.15	48.97 -1.56 0.00	49.65 -1.42 0.00	47.76 -1.52 12.15	49.61 -1.39 19.66	54.13 -1.06 9.83	66.54 -1.04 0.00	60.85 -0.95 0.00	72.11 -1.13 0.00	74.93 -1.13 0.00	75.06 -1.25 3.72	63.65 -1.49 12.31	52.07 -1.53 18.53	57.22 -1.82 7.18	50.31 -1.64 4.11
SITHE___MASSENA 23902	51.81 1.01 0.00	57.03 1.38 0.00	51.14 1.10 0.00	46.94 1.08 0.00	43.13 1.03 0.00	45.07 1.05 0.00	45.66 1.11 0.00	50.70 1.13 0.00	50.34 0.98 0.00	50.34 1.12 0.00	51.63 1.10 0.00	51.94 0.87 0.00	61.95 0.52 0.00	69.94 -0.72 0.00	63.58 -1.44 0.00	65.68 -1.90 0.00	59.57 -2.23 0.00	70.55 -2.69 0.00	73.25 -2.82 0.00	77.70 -2.33 0.00	76.41 -1.04 0.00	72.36 0.23 0.00	67.23 1.01 0.00	57.29 1.23 0.00
SITHE___OGDNSBRG 24021	53.24 2.44 0.00	58.68 3.03 0.00	52.55 2.51 0.00	48.26 2.40 0.00	44.39 2.29 0.00	46.43 2.40 0.00	47.08 2.53 0.00	52.13 2.55 0.00	51.31 1.95 0.00	51.02 1.80 0.00	52.09 1.57 0.00	52.20 1.14 0.00	62.14 0.71 0.00	69.90 -0.76 0.00	63.34 -1.69 0.00	65.28 -2.30 0.00	59.09 -2.71 0.00	70.15 -3.09 0.00	73.01 -3.05 0.00	78.66 -1.37 0.00	78.08 0.63 0.00	74.08 1.95 0.00	68.90 2.68 0.00	58.72 2.67 0.00
SITHE___STERLING 23777	52.56 1.74 -0.01	57.74 1.86 -0.24	51.69 1.43 -0.23	47.27 1.28 -0.14	43.27 1.17 0.00	45.37 1.34 0.00	45.99 1.44 0.00	51.14 1.56 0.00	50.91 1.55 0.00	50.60 1.37 -0.01	51.89 1.36 0.00	52.40 1.33 0.00	64.03 1.92 -0.69	74.65 2.87 -1.11	68.56 2.98 -0.56	70.31 2.73 0.00	64.53 2.73 0.00	76.76 3.52 0.00	79.97 3.91 0.00	84.61 4.37 -0.21	82.18 4.04 -0.70	76.49 3.31 -1.05	69.14 2.51 -0.41	58.17 1.88 -0.23
SLEIGHT__34_KV_TB1 80719	51.22 0.41 -0.01	56.14 0.31 -0.18	49.81 -0.39 -0.17	45.34 -0.61 -0.10	41.46 -0.64 0.00	43.54 -0.48 0.00	44.26 -0.28 0.00	49.25 -0.32 0.00	49.20 -0.17 0.00	49.34 0.11 -0.01	50.91 0.39 0.00	51.97 0.90 0.00	63.54 1.61 -0.51	74.24 2.76 -0.82	68.33 2.89 -0.41	70.58 3.00 0.00	64.19 2.40 0.00	75.98 2.75 0.00	79.00 2.94 0.00	83.30 3.11 -0.15	80.58 2.62 -0.51	75.32 2.43 -0.77	67.66 1.15 -0.30	56.87 0.64 -0.17
SMITHTWN_69_KV_BK 1 55830	52.47 1.67 0.00	58.02 2.38 0.00	52.51 2.48 0.00	47.89 2.04 0.00	44.08 1.98 0.00	46.26 2.23 0.00	46.74 2.19 0.00	51.86 2.28 0.00	52.07 2.71 0.00	51.70 2.48 0.00	52.79 2.23 -0.03	52.59 1.52 0.00	63.68 2.25 0.00	108.83 4.27 -33.89	419.66 5.18 -349.45	391.74 6.00 -318.16	297.95 6.22 -229.94	382.56 7.11 -302.22	407.04 6.80 -324.18	400.68 6.02 -314.63	81.69 4.24 -0.01	71.38 2.45 3.19	64.57 1.64 3.29	56.95 1.59 0.69
SOUTH CAIRO___GT 23612	52.10 1.31 0.00	56.91 1.26 0.00	51.35 1.31 0.00	47.15 1.29 0.00	43.25 1.15 0.00	45.18 1.15 0.00	45.74 1.19 0.00	51.12 1.55 0.00	50.81 1.44 0.00	50.23 1.02 0.00	51.13 0.60 0.00	51.74 0.67 0.00	62.28 0.85 0.00	72.31 1.64 0.00	67.31 2.29 0.00	70.14 2.56 0.00	64.28 2.49 0.00	77.09 3.86 0.00	80.58 4.52 0.00	85.10 5.07 0.00	81.79 4.34 0.00	75.39 3.26 0.00	68.60 2.38 0.00	57.47 1.42 0.00
SOUTH HAMPTN___IC 23720	53.33 2.54 0.00	58.90 3.26 0.00	53.17 3.13 0.00	48.47 2.61 0.00	44.62 2.52 0.00	46.88 2.85 0.00	47.41 2.86 0.00	52.61 3.03 0.00	52.94 3.58 0.00	52.66 3.45 0.00	53.93 3.38 -0.02	53.61 2.54 0.00	65.04 3.60 0.00	97.81 6.23 -20.92	290.41 7.14 -218.25	254.21 8.05 -178.58	179.72 8.17 -109.76	260.70 9.58 -177.88	247.02 9.29 -161.66	283.67 8.61 -195.03	84.00 6.56 0.00	73.15 4.33 3.31	66.05 3.26 3.43	58.69 2.96 0.32
SOUTHDOW_115KV_TB1 355954	53.02 2.22 0.00	57.88 2.24 0.00	50.43 0.39 0.00	45.85 0.00 0.00	42.14 0.04 0.00	44.46 0.43 0.00	45.38 0.83 0.00	50.47 0.90 0.00	50.76 1.40 0.00	51.04 1.82 0.00	53.02 2.49 0.00	54.37 3.30 0.00	65.64 4.20 0.00	76.96 6.29 0.00	71.29 6.27 0.00	74.01 6.43 0.00	66.90 5.10 0.00	78.57 5.34 0.00	81.19 5.13 0.00	85.46 5.42 0.00	82.10 4.66 0.00	76.72 4.60 0.00	69.67 3.45 0.00	58.85 2.80 0.00
SOUTHOLD_69_KV_BK 2 55809	54.48 3.68 0.00	60.21 4.57 0.00	54.17 4.14 0.00	49.32 3.46 0.00	45.42 3.32 0.00	47.81 3.78 0.00	48.39 3.84 0.00	53.81 4.24 0.00	54.27 4.91 0.00	54.02 4.80 0.00	55.02 4.47 -0.02	54.07 3.00 0.00	65.79 4.36 0.00	98.87 7.27 -20.93	291.50 8.11 -218.37	255.49 9.16 -178.76	181.01 9.26 -109.96	262.15 10.90 -178.01	248.62 10.67 -161.90	285.09 9.92 -195.14	85.09 7.64 0.00	73.99 5.17 3.31	67.83 5.03 3.43	60.25 4.52 0.32
SOUTHOLD___IC 23719	54.48 3.68 0.00	60.21 4.57 0.00	54.17 4.14 0.00	49.32 3.46 0.00	45.42 3.32 0.00	47.81 3.78 0.00	48.39 3.84 0.00	53.81 4.23 0.00	54.27 4.91 0.00	54.02 4.80 0.00	55.00 4.46 -0.02	54.09 3.02 0.00	65.80 4.37 0.00	98.87 7.27 -20.93	291.51 8.11 -218.37	255.49 9.15 -178.76	181.01 9.26 -109.96	262.15 10.90 -178.01	248.63 10.67 -161.90	285.08 9.91 -195.14	85.09 7.64 0.00	73.97 5.15 3.31	67.75 4.96 3.43	60.26 4.52 0.32
SOUTH_FORK_WT_PWR 323839	54.50 3.70 0.00	60.33 4.69 0.00	54.20 4.17 0.00	49.31 3.45 0.00	45.43 3.33 0.00	47.87 3.85 0.00	48.48 3.93 0.00	53.94 4.37 0.00	54.42 5.06 0.00	54.14 4.93 0.00	55.39 4.84 -0.02	54.80 3.73 0.00	66.66 5.23 0.00	99.84 8.25 -20.92	292.26 8.93 -218.30	256.26 10.02 -178.66	181.72 10.07 -109.85	263.11 11.93 -177.94	249.54 11.71 -161.77	286.14 11.04 -195.08	86.13 8.68 0.00	74.93 6.11 3.31	68.01 5.21 3.43	60.38 4.64 0.32
SPIERFLS_115KV_TB 1 80737	52.48 1.68 0.00	57.52 1.87 0.00	51.88 1.85 0.00	47.65 1.79 0.00	43.73 1.63 0.00	45.61 1.58 0.00	46.32 1.77 0.00	51.95 2.37 0.00	51.48 2.11 0.00	51.07 1.86 0.00	51.79 1.27 0.00	52.16 1.09 0.00	63.03 1.60 0.00	73.10 2.44 0.00	68.26 3.23 0.00	71.56 3.98 0.00	65.59 3.80 0.00	78.42 5.18 0.00	82.16 6.10 0.00	86.23 6.20 0.00	82.16 4.72 0.00	75.99 3.86 0.00	69.31 3.09 0.00	57.71 1.66 0.00
ST LAWRENCE____ 23600	51.10 0.30 0.00	56.16 0.52 0.00	50.39 0.36 0.00	46.26 0.40 0.00	42.50 0.40 0.00	44.40 0.37 0.00	44.96 0.41 0.00	49.97 0.40 0.00	49.69 0.33 0.00	49.70 0.48 0.00	51.04 0.51 0.00	51.43 0.36 0.00	61.49 0.06 0.00	69.60 -1.07 0.00	63.38 -1.65 0.00	65.64 -1.94 0.00	59.60 -2.20 0.00	70.56 -2.68 0.00	73.30 -2.76 0.00	77.56 -2.48 0.00	76.00 -1.45 0.00	71.62 -0.51 0.00	66.43 0.21 0.00	56.54 0.48 0.00

STATE_CA_115KV_115_LB 55624	50.80 0.00 0.00	55.56 -0.09 0.00	50.23 0.20 0.00	46.11 0.25 0.00	42.31 0.21 0.00	44.17 0.15 0.00	44.68 0.13 0.00	49.88 0.30 0.00	49.65 0.28 0.00	49.36 0.14 0.00	50.48 -0.05 0.00	50.98 -0.09 0.00	61.43 0.00 0.00	71.29 0.63 0.00	66.23 1.21 0.00	69.06 1.48 0.00	63.49 1.69 0.00	75.41 2.18 0.00	78.33 2.27 0.00	82.06 2.03 0.00	78.65 1.20 0.00	72.60 0.47 0.00	66.35 0.13 0.00	55.87 -0.19 0.00
STATE_ST_34_KV_LOAD 55959	51.41 0.57 -0.04	56.86 0.53 -0.68	50.82 0.15 -0.63	46.29 0.04 -0.39	41.98 -0.12 0.00	43.98 -0.05 0.00	44.58 0.03 0.00	49.58 -0.02 -0.01	49.44 0.07 0.00	49.27 0.03 -0.03	50.72 0.19 0.00	51.45 0.38 0.00	64.48 1.11 -1.94	75.78 1.98 -3.13	68.65 2.06 -1.56	69.55 1.97 0.00	63.58 1.79 0.00	75.37 2.13 0.00	78.54 2.48 0.00	83.44 2.81 -0.59	81.68 2.28 -1.96	77.12 2.05 -2.95	68.37 1.01 -1.14	57.32 0.62 -0.65
STATION_5_MISC_HYD 23604	51.77 0.97 0.00	56.57 0.92 0.00	49.94 -0.10 0.00	45.39 -0.47 0.00	41.59 -0.51 0.00	43.73 -0.30 0.00	44.49 -0.06 0.00	49.57 -0.01 0.00	49.67 0.31 0.00	50.01 0.80 0.00	51.70 1.18 0.00	52.94 1.87 0.00	64.38 2.95 0.00	75.12 4.46 0.00	69.59 4.56 0.00	72.32 4.74 0.00	65.49 3.69 0.00	77.44 4.21 0.00	80.28 4.22 0.00	84.32 4.29 0.00	81.19 3.79 0.04	75.76 3.64 0.00	68.40 2.18 0.00	57.60 1.54 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.45 0.64 -0.01	56.34 0.53 -0.16	49.98 -0.20 -0.15	45.48 -0.47 -0.09	41.63 -0.47 0.00	43.73 -0.30 0.00	44.41 -0.14 0.00	49.43 -0.14 0.00	49.41 0.05 0.00	49.56 0.34 -0.01	51.12 0.60 0.00	52.15 1.08 0.00	63.82 1.92 -0.48	74.56 3.13 -0.77	68.70 3.29 -0.38	71.03 3.45 0.00	64.63 2.83 0.00	76.49 3.25 0.00	79.48 3.42 0.00	83.73 3.55 -0.14	80.92 3.00 -0.48	75.59 2.74 -0.72	67.89 1.40 -0.28	57.08 0.86 -0.16
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.44 0.64 0.00	56.18 0.54 0.00	49.65 -0.38 0.00	45.13 -0.72 0.00	41.37 -0.74 0.00	43.48 -0.55 0.00	44.22 -0.33 0.00	49.26 -0.31 0.00	49.36 0.00 0.00	49.69 0.48 0.00	51.36 0.84 0.00	52.57 1.50 0.00	63.92 2.49 0.00	74.56 3.89 0.00	69.06 4.04 0.00	71.78 4.20 0.00	65.07 3.27 0.00	76.95 3.71 0.00	79.79 3.73 0.00	83.77 3.74 0.00	80.71 3.27 0.00	75.24 3.11 0.00	67.92 1.71 0.00	57.17 1.12 0.00
STA_56___34_KV_BUS2 355983	51.44 0.64 0.00	56.18 0.54 0.00	49.65 -0.38 0.00	45.13 -0.72 0.00	41.37 -0.74 0.00	43.48 -0.55 0.00	44.22 -0.33 0.00	49.26 -0.31 0.00	49.36 0.00 0.00	49.69 0.48 0.00	51.36 0.84 0.00	52.57 1.50 0.00	63.92 2.49 0.00	74.56 3.89 0.00	69.06 4.04 0.00	71.78 4.20 0.00	65.07 3.27 0.00	76.95 3.71 0.00	79.79 3.73 0.00	83.77 3.74 0.00	80.71 3.27 0.00	75.24 3.11 0.00	67.92 1.71 0.00	57.17 1.12 0.00
STA_67___115KV_BK2 355882	51.62 0.82 0.00	56.40 0.76 0.00	49.80 -0.24 0.00	45.25 -0.60 0.00	41.47 -0.63 0.00	43.60 -0.42 0.00	44.35 -0.20 0.00	49.40 -0.17 0.00	49.52 0.16 0.00	49.84 0.62 0.00	51.50 0.98 0.00	52.73 1.66 0.00	64.12 2.69 0.00	74.79 4.13 0.00	69.30 4.28 0.00	71.98 4.41 0.00	65.20 3.40 0.00	77.09 3.86 0.00	79.93 3.87 0.00	83.97 3.94 0.00	80.92 3.48 0.00	75.49 3.36 0.00	68.17 1.95 0.00	57.42 1.36 0.00
STA_7___115KV_9TRANS 80674	52.16 1.36 0.00	56.95 1.30 0.00	50.26 0.23 0.00	45.66 -0.19 0.00	41.84 -0.26 0.00	44.00 -0.03 0.00	44.77 0.21 0.00	49.89 0.31 0.00	50.04 0.68 0.00	50.38 1.17 0.00	52.10 1.57 0.00	53.38 2.31 0.00	64.93 3.50 0.00	75.77 5.11 0.00	70.22 5.20 0.00	72.98 5.40 0.00	66.11 4.32 0.00	78.22 4.98 0.00	81.11 5.05 0.00	85.11 5.07 0.00	81.93 4.49 0.00	76.34 4.22 0.00	68.91 2.69 0.00	58.00 1.95 0.00
STA_82___115KV_TB1 80780	51.63 0.83 0.00	56.41 0.77 0.00	49.81 -0.23 0.00	45.26 -0.59 0.00	41.48 -0.62 0.00	43.61 -0.41 0.00	44.36 -0.19 0.00	49.46 -0.12 0.00	49.57 0.21 0.00	49.89 0.67 0.00	51.56 1.03 0.00	52.79 1.72 0.00	64.19 2.77 0.00	74.90 4.24 0.00	69.38 4.36 0.00	72.07 4.49 0.00	65.28 3.48 0.00	77.17 3.94 0.00	80.05 3.99 0.00	84.08 4.05 0.00	81.06 3.61 0.00	75.62 3.49 0.00	68.25 2.03 0.00	57.48 1.43 0.00
STEEL___WIND 323596	51.73 0.93 0.00	56.54 0.89 0.00	49.37 -0.66 0.00	44.79 -1.07 0.00	41.02 -1.08 0.00	43.22 -0.81 0.00	43.99 -0.56 0.00	48.74 -0.83 0.00	48.92 -0.44 0.00	49.41 0.19 0.00	51.33 0.81 0.00	52.80 1.73 0.00	64.58 3.15 0.00	75.65 4.99 0.00	70.21 5.19 0.00	72.82 5.25 0.00	65.48 3.69 0.00	77.00 3.76 0.00	79.52 3.46 0.00	83.47 3.44 0.00	80.65 3.30 0.10	75.76 3.64 0.00	68.14 1.92 0.00	57.51 1.45 0.00
STEPHTWN_115KV_BK_2 55603	50.78 -0.01 0.00	55.62 -0.02 0.00	50.17 0.13 0.00	46.15 0.29 0.00	42.33 0.22 0.00	44.22 0.20 0.00	44.74 0.18 0.00	49.98 0.41 0.00	49.64 0.28 0.00	49.37 0.16 0.00	50.51 -0.02 0.00	50.98 -0.09 0.00	61.40 -0.03 0.00	71.21 0.55 0.00	66.18 1.15 0.00	69.04 1.46 0.00	63.55 1.76 0.00	75.78 2.55 0.00	78.67 2.61 0.00	82.31 2.28 0.00	78.80 1.35 0.00	72.68 0.55 0.00	66.52 0.30 0.00	55.81 -0.24 0.00
STEUBEN_REC_LFGE 323667	52.20 1.39 -0.01	57.20 1.32 -0.24	50.34 0.08 -0.22	45.69 -0.30 -0.13	41.87 -0.23 0.00	44.19 0.16 0.00	44.89 0.34 0.00	49.63 0.05 0.00	49.42 0.06 0.00	49.31 0.09 -0.01	50.95 0.42 0.00	51.54 0.47 0.00	63.03 0.84 -0.76	73.92 2.02 -1.23	67.63 1.99 -0.62	69.67 2.09 0.00	63.79 1.99 0.00	75.41 2.17 0.00	78.28 2.22 0.00	83.81 3.54 -0.23	81.37 3.16 -0.77	75.52 2.23 -1.16	66.94 0.27 -0.45	56.43 0.12 -0.26
STILLWATER___SOLAR 323814	52.46 1.66 0.00	57.42 1.78 0.00	51.82 1.79 0.00	47.59 1.73 0.00	43.65 1.55 0.00	45.57 1.55 0.00	46.19 1.64 0.00	51.64 2.06 0.00	51.24 1.88 0.00	50.88 1.66 0.00	51.85 1.33 0.00	52.24 1.17 0.00	63.04 1.61 0.00	73.07 2.41 0.00	68.04 3.01 0.00	71.35 3.77 0.00	65.43 3.63 0.00	77.93 4.69 0.00	81.29 5.23 0.00	85.36 5.33 0.00	81.63 4.18 0.00	75.44 3.31 0.00	68.97 2.75 0.00	57.76 1.71 0.00
STONY___BROOK 24151	52.42 1.62 0.00	57.93 2.28 0.00	52.44 2.40 0.00	47.84 1.98 0.00	44.03 1.93 0.00	46.20 2.18 0.00	46.69 2.14 0.00	51.80 2.23 0.00	52.01 2.64 0.00	51.65 2.44 0.00	52.74 2.18 -0.03	52.56 1.48 0.00	63.58 2.15 0.00	101.54 4.01 -26.86	348.37 4.89 -278.46	317.06 5.61 -243.88	234.63 5.83 -167.00	315.22 6.60 -235.38	320.81 6.27 -238.49	335.38 5.51 -249.84	81.23 3.79 -0.01	70.93 2.02 3.22	64.25 1.35 3.33	57.06 1.50 0.50
STURGEON_POOL_HYD 23609	51.99 1.19 0.00	56.75 1.11 0.00	51.29 1.26 0.00	46.93 1.07 0.00	43.06 0.96 0.00	45.05 1.02 0.00	45.59 1.04 0.00	50.87 1.29 0.00	50.83 1.47 0.00	50.62 1.41 0.00	51.95 1.42 0.00	52.40 1.33 0.00	63.30 1.87 0.00	73.96 3.30 0.00	68.86 3.84 0.00	72.02 4.44 0.00	66.50 4.71 0.00	78.67 5.44 0.00	81.34 5.28 0.00	84.83 4.80 0.00	80.81 3.37 0.00	74.27 2.14 0.00	67.66 1.44 0.00	57.51 1.45 0.00

ST_LAW_115_BK7_LBMP 345037	51.15 0.35 0.00	56.25 0.60 0.00	50.46 0.43 0.00	46.32 0.46 0.00	42.56 0.46 0.00	44.47 0.44 0.00	45.02 0.47 0.00	50.03 0.46 0.00	49.72 0.36 0.00	49.74 0.52 0.00	51.08 0.55 0.00	51.44 0.37 0.00	61.46 0.03 0.00	69.47 -1.20 0.00	63.20 -1.83 0.00	65.42 -2.16 0.00	59.38 -2.41 0.00	70.29 -2.95 0.00	73.01 -3.05 0.00	77.30 -2.73 0.00	75.84 -1.60 0.00	71.56 -0.56 0.00	66.47 0.25 0.00	56.59 0.53 0.00
ST_LAW_115_BK8_LBMP 345038	51.15 0.35 0.00	56.25 0.60 0.00	50.46 0.43 0.00	46.32 0.46 0.00	42.56 0.46 0.00	44.47 0.44 0.00	45.02 0.47 0.00	50.03 0.46 0.00	49.72 0.36 0.00	49.74 0.52 0.00	51.08 0.55 0.00	51.44 0.37 0.00	61.46 0.03 0.00	69.47 -1.20 0.00	63.20 -1.83 0.00	65.42 -2.16 0.00	59.38 -2.41 0.00	70.29 -2.95 0.00	73.01 -3.05 0.00	77.30 -2.73 0.00	75.84 -1.60 0.00	71.56 -0.56 0.00	66.47 0.25 0.00	56.59 0.53 0.00
ST_LAW_230_BK5_LBMP 345035	51.10 0.30 0.00	56.16 0.52 0.00	50.39 0.36 0.00	46.26 0.40 0.00	42.50 0.40 0.00	44.40 0.37 0.00	44.96 0.41 0.00	49.97 0.40 0.00	49.69 0.33 0.00	49.70 0.48 0.00	51.04 0.51 0.00	51.43 0.36 0.00	61.49 0.06 0.00	69.60 -1.07 0.00	63.38 -1.65 0.00	65.64 -1.94 0.00	59.60 -2.20 0.00	70.56 -2.68 0.00	73.30 -2.76 0.00	77.56 -2.48 0.00	76.00 -1.45 0.00	71.62 -0.51 0.00	66.43 0.21 0.00	56.54 0.48 0.00
ST_LAW_230_BK6_LBMP 345036	51.10 0.30 0.00	56.16 0.52 0.00	50.39 0.36 0.00	46.26 0.40 0.00	42.50 0.40 0.00	44.40 0.37 0.00	44.96 0.41 0.00	49.97 0.40 0.00	49.69 0.33 0.00	49.70 0.48 0.00	51.04 0.51 0.00	51.43 0.36 0.00	61.49 0.06 0.00	69.60 -1.07 0.00	63.38 -1.65 0.00	65.64 -1.94 0.00	59.60 -2.20 0.00	70.56 -2.68 0.00	73.30 -2.76 0.00	77.56 -2.48 0.00	76.00 -1.45 0.00	71.62 -0.51 0.00	66.43 0.21 0.00	56.54 0.48 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.86 1.06 0.00	56.64 0.99 0.00	51.15 1.12 0.00	46.74 0.88 0.00	42.88 0.78 0.00	44.85 0.83 0.00	45.39 0.84 0.00	50.62 1.04 0.00	50.54 1.18 0.00	50.33 1.12 0.00	51.70 1.17 0.00	52.24 1.17 0.00	63.07 1.64 0.00	73.68 3.01 0.00	68.56 3.54 0.00	71.66 4.08 0.00	66.08 4.29 0.00	78.21 4.97 0.00	80.81 4.75 0.00	84.39 4.35 0.00	80.31 2.87 0.00	73.75 1.62 0.00	67.24 1.02 0.00	57.19 1.13 0.00
SWANROAD_115KV_TB1 355699	50.61 -0.19 0.00	55.35 -0.29 0.00	48.24 -1.79 0.00	43.74 -2.12 0.00	40.03 -2.07 0.00	42.36 -1.66 0.00	43.15 -1.40 0.00	47.62 -1.95 0.00	47.68 -1.68 0.00	48.34 -0.87 0.00	50.16 -0.37 0.00	51.65 0.58 0.00	62.82 1.39 0.00	73.41 2.75 0.00	68.10 3.08 0.00	70.55 2.97 0.00	63.28 1.49 0.00	74.42 1.18 0.00	76.95 0.89 0.00	80.72 0.68 0.00	78.44 1.00 0.00	73.91 1.79 0.00	66.56 0.33 0.00	56.41 0.36 0.00
SYNERGY___BIOGAS 323694	52.87 2.07 0.00	57.70 2.06 0.00	50.51 0.47 0.00	45.78 -0.08 0.00	41.91 -0.20 0.00	44.26 0.23 0.00	45.10 0.55 0.00	50.07 0.50 0.00	50.16 0.80 0.00	50.59 1.38 0.00	52.21 1.68 0.00	53.62 2.55 0.00	65.16 3.73 0.00	76.17 5.51 0.00	70.70 5.68 0.00	73.20 5.63 0.00	65.97 4.17 0.00	77.96 4.73 0.00	81.18 5.12 0.00	85.65 5.61 0.00	82.95 5.50 0.00	77.67 5.55 0.00	69.74 3.53 0.00	58.79 2.73 0.00
SYRACUSE___ENERGY_ST1 323597	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
SYRACUSE___ENERGY_ST2 323598	50.49 -0.36 -0.05	55.97 -0.49 -0.81	50.14 -0.65 -0.75	45.66 -0.65 -0.46	41.48 -0.62 0.00	43.46 -0.57 0.00	44.03 -0.52 0.00	49.01 -0.58 -0.02	48.82 -0.54 0.00	48.71 -0.54 -0.03	50.02 -0.50 0.00	50.80 -0.27 0.00	63.72 0.02 -2.27	74.88 0.52 -3.70	67.65 0.77 -1.85	68.49 0.91 0.00	62.63 0.84 0.00	74.24 1.01 0.00	77.22 1.16 0.00	81.92 1.18 -0.70	80.48 0.72 -2.32	76.01 0.38 -3.50	67.29 -0.29 -1.36	56.42 -0.41 -0.78
SYRACUSE___POWER 24017	50.73 -0.10 -0.03	55.95 -0.23 -0.54	50.12 -0.42 -0.50	45.70 -0.47 -0.30	41.67 -0.42 0.00	43.65 -0.38 0.00	44.25 -0.30 0.00	49.23 -0.36 -0.01	49.06 -0.30 0.00	48.93 -0.30 -0.02	50.32 -0.21 0.00	51.06 -0.01 0.00	63.27 0.33 -1.51	74.05 0.93 -2.46	67.42 1.16 -1.23	68.90 1.32 0.00	63.07 1.28 0.00	74.70 1.46 0.00	77.68 1.62 0.00	82.17 1.67 -0.47	80.15 1.16 -1.54	75.21 0.76 -2.32	67.16 0.04 -0.90	56.43 -0.14 -0.51
TALLMAN_138KV_BK151 55660	51.87 1.07 0.00	56.63 0.99 0.00	51.17 1.13 0.00	46.76 0.90 0.00	42.88 0.78 0.00	44.87 0.85 0.00	45.43 0.88 0.00	50.65 1.08 0.00	50.59 1.23 0.00	50.40 1.19 0.00	51.80 1.28 0.00	52.36 1.29 0.00	63.26 1.83 0.00	73.98 3.31 0.00	68.89 3.86 0.00	72.04 4.46 0.00	66.42 4.62 0.00	78.54 5.31 0.00	81.07 5.01 0.00	84.58 4.55 0.00	80.39 2.95 0.00	73.77 1.64 0.00	67.26 1.04 0.00	57.29 1.24 0.00
TEALLAVE_115KV_TB7 355573	50.46 -0.37 -0.03	55.59 -0.50 -0.45	49.78 -0.67 -0.42	45.40 -0.70 -0.25	41.45 -0.65 0.00	43.43 -0.60 0.00	44.02 -0.53 0.00	48.98 -0.61 -0.01	48.82 -0.54 0.00	48.73 -0.50 -0.02	50.11 -0.41 0.00	50.88 -0.19 0.00	62.79 0.10 -1.26	73.37 0.66 -2.05	66.96 0.92 -1.02	68.66 1.08 0.00	62.81 1.02 0.00	74.38 1.14 0.00	77.29 1.23 0.00	81.64 1.22 -0.39	79.47 0.74 -1.28	74.45 0.39 -1.93	66.69 -0.28 -0.75	56.07 -0.41 -0.43
TELGRAPH_34_KV_EAST 80808	51.58 0.78 0.00	56.37 0.72 0.00	49.23 -0.80 0.00	44.62 -1.24 0.00	40.84 -1.26 0.00	43.16 -0.87 0.00	43.96 -0.59 0.00	48.67 -0.90 0.00	48.75 -0.61 0.00	49.31 0.10 0.00	51.08 0.55 0.00	52.56 1.49 0.00	63.98 2.55 0.00	74.84 4.17 0.00	69.42 4.40 0.00	71.95 4.37 0.00	64.66 2.87 0.00	76.20 2.96 0.00	78.93 2.87 0.00	82.99 2.95 0.00	80.47 3.03 0.00	75.58 3.46 0.00	67.98 1.76 0.00	57.46 1.41 0.00
TEMPLE___115KV_TB 2 55572	50.49 -0.34 -0.03	55.62 -0.47 -0.45	49.80 -0.65 -0.42	45.42 -0.69 -0.25	41.48 -0.62 0.00	43.45 -0.58 0.00	44.03 -0.52 0.00	49.00 -0.59 -0.01	48.85 -0.51 0.00	48.76 -0.48 -0.02	50.15 -0.37 0.00	50.92 -0.15 0.00	62.84 0.15 -1.26	73.43 0.72 -2.04	67.02 0.97 -1.02	68.73 1.15 0.00	62.87 1.08 0.00	74.45 1.21 0.00	77.36 1.30 0.00	81.69 1.27 -0.39	79.50 0.78 -1.28	74.47 0.42 -1.92	66.71 -0.25 -0.75	56.10 -0.38 -0.43
TIANA____69_KV_BK 1 55817	53.10 2.30 0.00	58.62 2.98 0.00	52.97 2.93 0.00	48.29 2.43 0.00	44.45 2.35 0.00	46.68 2.66 0.00	47.21 2.66 0.00	52.35 2.78 0.00	52.65 3.29 0.00	52.36 3.15 0.00	53.63 3.08 -0.02	53.29 2.22 0.00	64.62 3.19 0.00	97.34 5.74 -20.93	290.10 6.72 -218.35	253.89 7.58 -178.72	179.44 7.72 -109.92	260.28 9.06 -177.99	246.68 8.76 -161.86	283.20 8.05 -195.12	83.51 6.07 0.00	72.78 3.96 3.31	65.76 2.96 3.43	58.35 2.62 0.32

TILDEN___115KV_TB1 80814	50.73 -0.10 -0.03	55.95 -0.23 -0.54	50.12 -0.42 -0.50	45.70 -0.47 -0.30	41.67 -0.42 0.00	43.65 -0.38 0.00	44.25 -0.30 0.00	49.23 -0.36 -0.01	49.06 -0.30 0.00	48.93 -0.30 -0.02	50.32 -0.21 0.00	51.06 -0.01 0.00	63.27 0.33 -1.51	74.05 0.93 -2.46	67.42 1.16 -1.23	68.90 1.32 0.00	63.07 1.28 0.00	74.70 1.46 0.00	77.68 1.62 0.00	82.17 1.67 -0.47	80.15 1.16 -1.54	75.21 0.76 -2.32	67.16 0.04 -0.90	56.43 -0.14 -0.51
TRIGEN___CC 323695	52.09 1.29 0.00	57.20 1.56 0.00	51.71 1.67 0.00	47.24 1.38 0.00	43.43 1.33 0.00	45.50 1.48 0.00	45.94 1.39 0.00	51.06 1.49 0.00	51.16 1.80 0.00	50.87 1.65 0.00	52.08 1.55 0.00	52.26 1.19 0.00	63.22 1.79 0.00	74.26 3.59 0.00	69.46 4.43 -0.01	80.77 5.15 -8.04	89.80 5.42 -22.59	80.62 6.07 -1.31	81.78 5.72 0.00	85.06 5.02 0.00	80.97 3.52 -0.01	85.62 2.08 -11.41	80.75 1.30 -13.23	57.44 1.39 0.00
TRINITY___115KV___4 BK 55933	50.50 -0.30 0.00	55.24 -0.41 0.00	49.97 -0.06 0.00	45.88 0.02 0.00	42.09 -0.01 0.00	43.93 -0.10 0.00	44.43 -0.12 0.00	49.60 0.03 0.00	49.36 0.00 0.00	49.05 -0.17 0.00	50.14 -0.39 0.00	50.60 -0.47 0.00	60.94 -0.48 0.00	70.71 0.05 0.00	65.67 0.64 0.00	68.45 0.87 0.00	62.96 1.16 0.00	74.84 1.61 0.00	77.71 1.65 0.00	81.42 1.39 0.00	78.03 0.59 0.00	72.07 -0.06 0.00	65.93 -0.29 0.00	55.50 -0.55 0.00
UNION___PROCESSING_DRP 323587	51.65 0.85 0.00	56.43 0.79 0.00	49.83 -0.21 0.00	45.28 -0.57 0.00	41.50 -0.59 0.00	43.63 -0.40 0.00	44.38 -0.17 0.00	49.47 -0.10 0.00	49.57 0.21 0.00	49.90 0.69 0.00	51.57 1.04 0.00	52.80 1.73 0.00	64.20 2.77 0.00	74.91 4.24 0.00	69.39 4.37 0.00	72.08 4.51 0.00	65.29 3.50 0.00	77.20 3.96 0.00	80.07 4.01 0.00	84.13 4.10 0.00	81.08 3.64 0.00	75.62 3.50 0.00	68.28 2.06 0.00	57.50 1.44 0.00
UPPER HUDSON___HYD 24058	52.48 1.68 0.00	57.52 1.87 0.00	51.88 1.84 0.00	47.65 1.79 0.00	43.73 1.63 0.00	45.61 1.58 0.00	46.32 1.77 0.00	51.95 2.37 0.00	51.48 2.11 0.00	51.07 1.85 0.00	51.79 1.27 0.00	52.16 1.09 0.00	63.02 1.59 0.00	73.10 2.44 0.00	68.25 3.23 0.00	71.56 3.98 0.00	65.59 3.80 0.00	78.42 5.18 0.00	82.16 6.11 0.00	86.23 6.20 0.00	82.16 4.72 0.00	75.98 3.86 0.00	69.31 3.09 0.00	57.71 1.66 0.00
UPPER RAQUET___HYD 24056	52.13 1.33 -0.01	57.74 1.97 -0.13	51.74 1.58 -0.12	47.46 1.54 -0.07	43.58 1.48 0.00	45.56 1.54 0.00	46.19 1.64 0.00	51.25 1.68 0.00	50.73 1.37 0.00	50.58 1.36 0.00	51.58 1.06 0.00	51.53 0.46 0.00	61.67 -0.11 -0.35	69.51 -1.73 -0.57	62.52 -2.79 -0.29	64.24 -3.34 0.00	58.20 -3.59 0.00	69.06 -4.18 0.00	71.92 -4.14 0.00	76.87 -3.27 -0.11	76.18 -1.63 -0.36	72.48 -0.19 -0.54	67.38 0.95 -0.21	57.49 1.32 -0.12
VALLEY44_115KV_TB2 355964	50.94 0.14 0.00	55.74 0.10 0.00	48.96 -1.07 0.00	44.55 -1.31 0.00	40.86 -1.24 0.00	43.03 -0.99 0.00	43.82 -0.73 0.00	48.62 -0.95 0.00	48.70 -0.66 0.00	48.89 -0.32 0.00	50.50 -0.02 0.00	51.50 0.43 0.00	62.89 1.46 0.00	73.60 2.93 0.00	68.26 3.23 0.00	70.82 3.25 0.00	64.24 2.44 0.00	75.57 2.33 0.00	78.24 2.19 0.00	82.27 2.24 0.00	78.88 1.43 0.00	73.66 1.53 0.00	66.45 0.23 0.00	56.30 0.25 0.00
VALLEY___115KV_TB 1-4 80826	51.67 0.87 0.00	56.40 0.75 0.00	50.83 0.79 0.00	46.67 0.81 0.00	42.91 0.81 0.00	44.84 0.81 0.00	45.29 0.74 0.00	50.33 0.76 0.00	49.75 0.38 0.00	49.31 0.10 0.00	50.32 -0.20 0.00	50.91 -0.16 0.00	61.63 0.19 0.00	71.61 0.94 0.00	66.83 1.81 0.00	69.48 1.90 0.00	64.04 2.24 0.00	76.14 2.91 0.00	79.61 3.55 0.00	83.88 3.85 0.00	80.30 2.85 0.00	73.95 1.82 0.00	67.43 1.21 0.00	56.67 0.61 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.42 1.61 -0.01	57.44 1.64 -0.16	51.77 1.59 -0.15	47.38 1.44 -0.09	43.40 1.30 0.00	45.29 1.26 0.00	45.43 0.88 0.00	50.43 0.85 0.00	50.57 1.21 0.00	50.75 1.53 -0.01	52.21 1.68 0.00	52.95 1.88 0.00	64.54 2.65 -0.45	75.17 3.78 -0.73	69.13 3.74 -0.37	71.49 3.91 0.00	65.80 4.01 0.00	77.90 4.66 0.00	80.92 4.85 0.00	84.89 4.72 -0.14	81.80 3.90 -0.46	75.84 3.02 -0.69	68.68 2.20 -0.27	58.05 1.84 -0.15
VISCHER___FERRY HYD 24020	51.65 0.85 0.00	56.52 0.87 0.00	51.08 1.04 0.00	46.93 1.07 0.00	43.03 0.93 0.00	44.89 0.87 0.00	45.44 0.89 0.00	50.86 1.28 0.00	50.52 1.16 0.00	50.18 0.97 0.00	51.24 0.72 0.00	51.66 0.59 0.00	62.21 0.78 0.00	72.14 1.47 0.00	67.03 2.01 0.00	70.00 2.42 0.00	64.38 2.58 0.00	76.71 3.47 0.00	79.73 3.67 0.00	83.61 3.58 0.00	80.05 2.60 0.00	74.02 1.89 0.00	67.74 1.52 0.00	56.83 0.77 0.00
V_A_10_SYNC_DSASP 323832	50.95 0.15 0.00	55.75 0.10 0.00	48.93 -1.11 0.00	44.39 -1.47 0.00	40.66 -1.44 0.00	42.79 -1.23 0.00	43.54 -1.01 0.00	48.28 -1.29 0.00	48.36 -1.01 0.00	48.84 -0.38 0.00	50.58 0.06 0.00	51.90 0.83 0.00	63.22 1.79 0.00	73.89 3.23 0.00	68.52 3.50 0.00	71.08 3.50 0.00	64.05 2.26 0.00	75.48 2.25 0.00	78.09 2.03 0.00	81.97 1.94 0.00	79.24 1.79 0.00	74.34 2.22 0.00	67.07 0.85 0.00	56.66 0.60 0.00
V_CMM_10_SYNC_DSASP 323787	51.40 0.60 0.00	56.55 0.91 0.00	50.72 0.69 0.00	46.57 0.71 0.00	42.77 0.67 0.00	44.70 0.67 0.00	45.26 0.71 0.00	50.20 0.63 0.00	49.86 0.50 0.00	49.88 0.67 0.00	51.23 0.70 0.00	51.59 0.52 0.00	61.65 0.21 0.00	69.68 -0.98 0.00	63.40 -1.62 0.00	65.65 -1.93 0.00	59.57 -2.23 0.00	70.52 -2.72 0.00	73.25 -2.81 0.00	77.56 -2.48 0.00	76.13 -1.32 0.00	71.79 -0.34 0.00	66.66 0.44 0.00	56.76 0.71 0.00
V_CMP_10_SYNC_DSASP 323788	51.31 0.51 0.00	56.70 1.06 0.00	50.98 0.94 0.00	46.79 0.94 0.00	43.22 1.12 0.00	44.95 0.93 0.00	45.37 0.82 0.00	50.67 1.10 0.00	50.12 0.76 0.00	50.05 0.84 0.00	51.38 0.85 0.00	51.82 0.75 0.00	61.98 0.55 0.00	70.28 -0.39 0.00	63.88 -1.14 0.00	66.21 -1.36 0.00	60.15 -1.64 0.00	71.08 -2.15 0.00	74.16 -1.90 0.00	78.53 -1.50 0.00	76.68 -0.77 0.00	72.60 0.47 0.00	67.07 0.85 0.00	56.96 0.90 0.00
V_D_10_SYNC_DSASP 323841	51.81 1.01 0.00	57.00 1.36 0.00	51.13 1.09 0.00	46.93 1.07 0.00	43.12 1.02 0.00	45.06 1.03 0.00	45.65 1.10 0.00	50.68 1.11 0.00	50.33 0.97 0.00	50.32 1.11 0.00	51.63 1.10 0.00	51.94 0.87 0.00	61.96 0.53 0.00	69.96 -0.70 0.00	63.59 -1.43 0.00	65.70 -1.88 0.00	59.59 -2.21 0.00	70.59 -2.64 0.00	73.28 -2.78 0.00	77.73 -2.30 0.00	76.43 -1.02 0.00	72.35 0.22 0.00	67.22 1.00 0.00	57.28 1.23 0.00
V_E_10_SYNC_DSASP 323830	54.96 4.14 -0.02	60.22 4.24 -0.34	53.72 3.38 -0.31	49.13 3.08 -0.19	45.02 2.92 0.00	47.33 3.30 0.00	48.06 3.50 0.00	53.34 3.75 -0.01	53.16 3.80 0.00	52.52 3.30 -0.01	53.99 3.47 0.00	54.79 3.72 0.00	67.48 5.08 -0.97	79.35 7.12 -1.57	71.85 6.04 -0.78	73.97 6.39 0.00	68.00 6.20 0.00	80.70 7.46 0.00	84.24 8.18 0.00	89.46 9.13 -0.30	86.42 7.97 -1.01	80.26 6.65 -1.48	71.56 4.77 -0.57	60.30 3.92 -0.33

V_F_30_NSYNC___DSASP 323816	52.56 1.76 0.00	57.50 1.86 0.00	51.89 1.86 0.00	47.64 1.78 0.00	43.70 1.60 0.00	45.64 1.62 0.00	46.25 1.70 0.00	51.70 2.12 0.00	51.31 1.95 0.00	50.96 1.74 0.00	51.98 1.46 0.00	52.40 1.33 0.00	63.25 1.82 0.00	73.32 2.66 0.00	68.27 3.24 0.00	71.52 3.94 0.00	65.53 3.74 0.00	78.07 4.83 0.00	81.44 5.38 0.00	85.48 5.44 0.00	81.75 4.31 0.00	75.57 3.44 0.00	69.07 2.85 0.00	57.86 1.81 0.00
V_F_30_SYNC_DSASP 323786	50.79 -0.01 0.00	55.55 -0.09 0.00	50.23 0.19 0.00	46.11 0.25 0.00	42.31 0.20 0.00	44.16 0.14 0.00	44.68 0.13 0.00	49.87 0.30 0.00	49.65 0.28 0.00	49.35 0.13 0.00	50.48 -0.05 0.00	50.97 -0.10 0.00	61.42 -0.01 0.00	71.28 0.62 0.00	66.23 1.21 0.00	69.04 1.46 0.00	63.47 1.67 0.00	75.40 2.16 0.00	78.32 2.26 0.00	82.05 2.02 0.00	78.63 1.19 0.00	72.59 0.46 0.00	66.34 0.12 0.00	55.86 -0.19 0.00
V_XM_10_SYNC_DSASP 323789	51.31 0.51 0.00	56.70 1.06 0.00	50.98 0.94 0.00	46.79 0.94 0.00	43.22 1.12 0.00	44.95 0.93 0.00	45.37 0.82 0.00	50.67 1.10 0.00	50.12 0.76 0.00	50.05 0.84 0.00	51.38 0.85 0.00	51.82 0.75 0.00	61.98 0.55 0.00	70.28 -0.39 0.00	63.88 -1.14 0.00	66.21 -1.36 0.00	60.15 -1.64 0.00	71.08 -2.15 0.00	74.16 -1.90 0.00	78.53 -1.50 0.00	76.68 -0.77 0.00	72.60 0.47 0.00	67.07 0.85 0.00	56.96 0.90 0.00
W.BABYLN_69_KV_BK1 56697	52.85 2.06 0.00	58.30 2.66 0.00	52.74 2.71 0.00	48.11 2.25 0.00	44.25 2.14 0.00	46.42 2.40 0.00	46.89 2.34 0.00	52.04 2.47 0.00	52.27 2.91 0.00	51.81 2.59 0.00	52.87 2.34 0.00	52.80 1.73 0.00	63.82 2.39 0.00	77.97 4.77 -2.53	99.95 5.74 -29.19	99.89 6.48 -25.83	88.79 6.77 -20.22	102.69 7.68 -21.78	102.44 7.30 -19.08	111.28 6.72 -24.53	82.50 5.05 0.00	74.82 3.26 0.57	68.18 2.28 0.32	57.98 2.10 0.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.18 1.38 0.00	56.96 1.32 0.00	51.46 1.43 0.00	47.02 1.17 0.00	43.12 1.02 0.00	45.13 1.11 0.00	45.70 1.15 0.00	50.98 1.40 0.00	50.93 1.57 0.00	50.75 1.53 0.00	52.16 1.63 0.00	52.72 1.65 0.00	63.70 2.27 0.00	74.51 3.85 0.00	69.43 4.41 0.00	72.62 5.05 0.00	66.97 5.17 0.00	79.20 5.97 0.00	81.75 5.69 0.00	85.25 5.21 0.00	81.02 3.58 0.00	74.35 2.22 0.00	67.73 1.51 0.00	57.66 1.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.11 1.32 0.00	56.85 1.21 0.00	51.47 1.43 0.00	47.13 1.27 0.00	43.31 1.21 0.00	45.31 1.28 0.00	45.91 1.36 0.00	51.16 1.58 0.00	51.10 1.74 0.00	50.89 1.68 0.00	52.33 1.80 0.00	52.71 1.64 0.00	63.60 2.17 0.00	74.28 3.62 0.00	69.38 4.36 0.00	72.62 5.04 0.00	66.97 5.17 0.00	78.98 5.74 0.00	81.43 5.37 0.00	84.86 4.82 0.00	80.64 3.19 0.00	74.03 1.90 0.00	67.47 1.25 0.00	57.60 1.54 0.00
W50THST__13_KV_LOAD 356117	52.44 1.64 0.00	57.20 1.56 0.00	51.78 1.74 0.00	47.42 1.57 0.00	43.60 1.50 0.00	45.64 1.61 0.00	46.27 1.72 0.00	51.58 2.00 0.00	51.52 2.15 0.00	51.36 2.14 0.00	52.82 2.30 0.00	53.21 2.15 0.00	64.21 2.78 0.00	74.99 4.32 0.00	70.03 5.01 0.00	73.32 5.74 0.00	67.61 5.81 0.00	79.70 6.46 0.00	82.12 6.06 0.00	85.49 5.46 0.00	81.22 3.78 0.00	74.52 2.39 0.00	67.90 1.68 0.00	57.98 1.93 0.00
WADING RIVER_IC_1 23522	52.22 1.42 0.00	57.66 2.02 0.00	52.18 2.14 0.00	47.59 1.73 0.00	43.80 1.70 0.00	45.98 1.96 0.00	46.46 1.91 0.00	51.46 1.89 0.00	51.69 2.33 0.00	51.33 2.12 0.00	52.48 1.93 -0.02	52.18 1.11 0.00	63.20 1.78 0.00	95.54 4.01 -20.87	287.77 5.07 -217.68	251.14 5.87 -177.69	176.67 6.10 -108.77	257.64 7.17 -177.24	243.38 6.87 -160.45	280.68 6.13 -194.52	81.78 4.33 0.00	71.24 2.43 3.32	64.33 1.54 3.44	57.25 1.51 0.32
WADING RIVER_IC_2 23547	52.22 1.42 0.00	57.66 2.02 0.00	52.18 2.14 0.00	47.59 1.73 0.00	43.80 1.70 0.00	45.98 1.96 0.00	46.46 1.91 0.00	51.46 1.89 0.00	51.69 2.33 0.00	51.33 2.12 0.00	52.48 1.93 -0.02	52.18 1.11 0.00	63.20 1.78 0.00	95.54 4.01 -20.87	287.77 5.07 -217.68	251.14 5.87 -177.69	176.67 6.10 -108.77	257.64 7.17 -177.24	243.38 6.87 -160.45	280.68 6.13 -194.52	81.78 4.33 0.00	71.24 2.43 3.32	64.33 1.54 3.44	57.25 1.51 0.32
WADING RIVER_IC_3 23601	52.22 1.42 0.00	57.66 2.02 0.00	52.18 2.14 0.00	47.59 1.73 0.00	43.80 1.70 0.00	45.98 1.96 0.00	46.46 1.91 0.00	51.46 1.89 0.00	51.69 2.33 0.00	51.33 2.12 0.00	52.48 1.93 -0.02	52.18 1.11 0.00	63.20 1.78 0.00	95.54 4.01 -20.87	287.77 5.07 -217.68	251.14 5.87 -177.69	176.67 6.10 -108.77	257.64 7.17 -177.24	243.38 6.87 -160.45	280.68 6.13 -194.52	81.78 4.33 0.00	71.24 2.43 3.32	64.33 1.54 3.44	57.25 1.51 0.32
WALDENNY_12_KV_BK2 80841	51.84 1.04 0.00	56.66 1.02 0.00	49.46 -0.58 0.00	44.84 -1.02 0.00	41.06 -1.04 0.00	43.30 -0.72 0.00	44.09 -0.46 0.00	48.84 -0.74 0.00	49.02 -0.34 0.00	49.56 0.35 0.00	51.49 0.96 0.00	53.03 1.96 0.00	64.81 3.38 0.00	75.94 5.28 0.00	70.48 5.46 0.00	73.08 5.50 0.00	65.68 3.88 0.00	77.21 3.97 0.00	79.75 3.69 0.00	83.66 3.63 0.00	80.92 3.48 0.00	75.95 3.83 0.00	68.29 2.07 0.00	57.66 1.60 0.00
WALDEN___HYDRO 24148	52.18 1.38 0.00	56.94 1.30 0.00	51.41 1.37 0.00	46.98 1.12 0.00	43.11 1.01 0.00	45.10 1.07 0.00	45.68 1.12 0.00	50.95 1.37 0.00	50.88 1.52 0.00	50.66 1.44 0.00	51.99 1.47 0.00	52.49 1.42 0.00	63.39 1.96 0.00	74.10 3.43 0.00	69.01 3.98 0.00	72.16 4.58 0.00	66.60 4.81 0.00	78.85 5.62 0.00	81.53 5.47 0.00	85.14 5.11 0.00	81.02 3.58 0.00	74.42 2.30 0.00	67.78 1.56 0.00	57.59 1.53 0.00
WARRENSBURG____ 23737	52.48 1.68 0.00	57.52 1.87 0.00	51.88 1.85 0.00	47.65 1.79 0.00	43.73 1.63 0.00	45.61 1.58 0.00	46.32 1.77 0.00	51.95 2.37 0.00	51.48 2.11 0.00	51.07 1.86 0.00	51.79 1.27 0.00	52.16 1.09 0.00	63.03 1.60 0.00	73.10 2.44 0.00	68.26 3.23 0.00	71.56 3.98 0.00	65.59 3.80 0.00	78.42 5.18 0.00	82.16 6.10 0.00	86.23 6.20 0.00	82.16 4.72 0.00	75.99 3.86 0.00	69.31 3.09 0.00	57.71 1.66 0.00
WATERSIDE___6 8 9 23538	51.88 1.08 0.00	56.51 0.87 0.00	51.31 1.27 0.00	46.95 1.09 0.00	43.17 1.07 0.00	45.11 1.08 0.00	45.75 1.20 0.00	50.83 1.25 0.00	50.82 1.45 0.00	50.53 1.31 0.00	52.02 1.49 0.00	52.25 1.18 0.00	62.96 1.53 0.00	73.47 2.80 0.00	68.62 3.60 0.00	71.89 4.31 0.00	66.34 4.54 0.00	78.15 4.91 0.00	80.54 4.48 0.00	83.92 3.89 0.00	79.76 2.31 0.00	73.26 1.13 0.00	66.84 0.62 0.00	57.39 1.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.33 0.53 0.00	56.07 0.43 0.00	50.53 0.49 0.00	46.35 0.50 0.00	42.60 0.50 0.00	44.52 0.50 0.00	45.00 0.44 0.00	50.03 0.46 0.00	49.56 0.20 0.00	49.19 -0.02 0.00	50.30 -0.23 0.00	50.86 -0.21 0.00	61.44 0.01 0.00	71.27 0.60 0.00	66.33 1.30 0.00	68.97 1.39 0.00	63.45 1.66 0.00	75.38 2.15 0.00	78.65 2.59 0.00	82.81 2.77 0.00	79.48 2.03 0.00	73.36 1.24 0.00	66.99 0.77 0.00	56.40 0.34 0.00

WDELAWARE___HYD 323627	51.62 0.83 0.00	56.31 0.67 0.00	50.78 0.74 0.00	46.39 0.53 0.00	42.56 0.46 0.00	44.53 0.50 0.00	45.10 0.55 0.00	50.30 0.73 0.00	50.23 0.87 0.00	50.01 0.79 0.00	51.38 0.85 0.00	51.80 0.73 0.00	62.64 1.22 0.00	73.28 2.62 0.00	67.93 2.91 0.00	69.51 1.93 0.00	64.34 2.54 0.00	76.18 2.94 0.00	79.00 2.94 0.00	82.51 2.48 0.00	78.82 1.37 0.00	74.05 1.92 0.00	67.41 1.19 0.00	57.16 1.11 0.00
WEST BABYLON___IC 23714	52.85 2.06 0.00	58.30 2.66 0.00	52.74 2.71 0.00	48.11 2.25 0.00	44.25 2.14 0.00	46.42 2.40 0.00	46.89 2.34 0.00	52.04 2.47 0.00	52.27 2.91 0.00	51.81 2.59 0.00	52.87 2.34 0.00	52.80 1.73 0.00	63.82 2.39 0.00	77.97 4.77 -2.53	99.95 5.74 -29.19	99.89 6.48 -25.83	88.79 6.77 -20.22	102.69 7.68 -21.78	102.44 7.30 -19.08	111.28 6.72 -24.53	82.50 5.05 0.00	74.82 3.26 0.57	68.18 2.28 0.32	57.98 2.10 0.17
WEST CANADA___HYD 24049	50.80 0.01 0.00	55.59 -0.05 0.00	50.06 0.02 0.00	45.88 0.02 0.00	42.13 0.03 0.00	44.05 0.02 0.00	44.55 0.00 0.00	49.58 0.01 0.00	49.36 0.00 0.00	49.17 -0.05 0.00	50.43 -0.09 0.00	50.98 -0.09 0.00	61.39 -0.04 0.00	70.92 0.25 0.00	65.49 0.46 0.00	68.07 0.49 0.00	62.38 0.58 0.00	73.97 0.73 0.00	76.87 0.81 0.00	80.76 0.73 0.00	77.90 0.46 0.00	72.32 0.19 0.00	66.25 0.03 0.00	56.01 -0.04 0.00
WESTERN_NY_WIND 24143	52.79 1.99 0.00	57.63 1.99 0.00	50.42 0.39 0.00	45.70 -0.15 0.00	41.83 -0.27 0.00	44.20 0.17 0.00	45.04 0.49 0.00	49.97 0.40 0.00	50.07 0.71 0.00	50.51 1.30 0.00	52.11 1.59 0.00	53.56 2.49 0.00	65.06 3.63 0.00	76.08 5.41 0.00	70.62 5.60 0.00	73.10 5.52 0.00	65.86 4.07 0.00	77.83 4.60 0.00	81.02 4.96 0.00	85.48 5.45 0.00	82.79 5.34 0.00	77.55 5.42 0.00	69.63 3.41 0.00	58.69 2.64 0.00
WESTOVER___LESR 323668	51.18 0.36 -0.02	56.25 0.28 -0.32	50.27 -0.07 -0.30	45.95 -0.09 -0.18	42.01 -0.09 0.00	44.03 0.00 0.00	44.59 0.03 0.00	49.54 -0.05 -0.01	49.47 0.11 0.00	49.20 -0.03 0.00	50.68 0.15 0.00	51.35 0.28 0.00	63.24 0.88 -0.93	74.00 1.82 -1.51	67.73 1.95 -0.75	69.73 2.15 0.00	63.98 2.18 0.00	75.66 2.42 0.00	78.53 2.47 0.00	82.87 2.55 -0.28	80.14 1.75 -0.94	74.80 1.25 -1.42	67.04 0.27 -0.55	56.64 0.27 -0.31
WETHRSFD_WT_PWR 323626	51.32 0.52 0.00	56.07 0.42 0.00	49.19 -0.85 0.00	44.73 -1.13 0.00	41.03 -1.07 0.00	43.20 -0.83 0.00	43.91 -0.64 0.00	48.52 -1.05 0.00	48.40 -0.96 0.00	48.60 -0.62 0.00	50.39 -0.14 0.00	50.47 -0.60 0.00	59.43 -1.27 0.72	65.97 -0.58 4.12	17.43 -0.40 47.20	-10.28 -0.41 77.45	-10.30 -0.11 71.98	-10.41 -0.38 83.28	50.14 -0.20 25.73	82.06 1.81 -0.22	79.91 1.66 -0.81	73.91 0.70 -1.08	65.57 -1.07 -0.42	55.38 -0.91 -0.24
WHAVSTOR_138KV_BK127 55557	51.78 0.99 0.00	56.54 0.90 0.00	51.12 1.08 0.00	46.71 0.85 0.00	42.82 0.72 0.00	44.80 0.77 0.00	45.36 0.81 0.00	50.57 1.00 0.00	50.50 1.14 0.00	50.30 1.09 0.00	51.68 1.15 0.00	52.21 1.14 0.00	63.04 1.61 0.00	73.70 3.03 0.00	68.64 3.61 0.00	71.77 4.20 0.00	66.19 4.39 0.00	78.26 5.02 0.00	80.80 4.74 0.00	84.30 4.27 0.00	80.14 2.70 0.00	73.58 1.45 0.00	67.09 0.86 0.00	57.14 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.78 0.99 0.00	56.54 0.90 0.00	51.12 1.08 0.00	46.71 0.85 0.00	42.82 0.72 0.00	44.80 0.77 0.00	45.36 0.81 0.00	50.57 1.00 0.00	50.50 1.14 0.00	50.30 1.09 0.00	51.68 1.15 0.00	52.21 1.14 0.00	63.04 1.61 0.00	73.70 3.03 0.00	68.64 3.61 0.00	71.77 4.20 0.00	66.19 4.39 0.00	78.26 5.02 0.00	80.80 4.74 0.00	84.30 4.27 0.00	80.14 2.70 0.00	73.58 1.45 0.00	67.09 0.86 0.00	57.14 1.09 0.00
WHITEHAL_115KV_TB1 80871	52.83 2.03 0.00	58.43 2.78 0.00	52.89 2.85 0.00	48.76 2.90 0.00	44.80 2.70 0.00	46.16 2.13 0.00	47.02 2.48 0.00	53.27 3.70 0.00	52.51 3.14 0.00	51.65 2.43 0.00	52.38 1.86 0.00	52.33 1.25 0.00	63.08 1.65 0.00	73.58 2.92 0.00	68.81 3.79 0.00	72.42 4.84 0.00	66.99 5.19 0.00	80.60 7.36 0.00	83.95 7.89 0.00	88.20 8.16 0.00	82.70 5.26 0.00	77.04 4.91 0.00	70.52 4.30 0.00	57.90 1.84 0.00
WHITEPLN_13_KV_LOAD 356215	52.60 1.80 0.00	57.42 1.78 0.00	51.90 1.87 0.00	47.46 1.61 0.00	43.58 1.48 0.00	45.62 1.59 0.00	46.23 1.68 0.00	51.59 2.02 0.00	51.57 2.21 0.00	51.39 2.18 0.00	52.80 2.27 0.00	53.30 2.23 0.00	64.38 2.95 0.00	75.26 4.60 0.00	70.25 5.23 0.00	73.55 5.97 0.00	67.85 6.06 0.00	80.22 6.99 0.00	82.81 6.75 0.00	86.32 6.28 0.00	81.99 4.55 0.00	75.22 3.09 0.00	68.46 2.24 0.00	58.23 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	52.69 1.89 0.00	58.18 2.54 0.00	52.65 2.61 0.00	48.01 2.15 0.00	44.19 2.09 0.00	46.39 2.37 0.00	46.89 2.33 0.00	51.99 2.42 0.00	52.20 2.83 0.00	51.82 2.61 0.00	53.00 2.45 -0.02	52.69 1.62 0.00	63.77 2.34 0.00	96.64 4.69 -21.28	292.73 5.70 -222.01	258.09 6.51 -184.00	183.98 6.62 -115.57	262.93 7.72 -181.97	252.34 7.42 -168.86	285.22 6.77 -198.41	82.42 4.98 0.00	71.97 3.11 3.26	65.01 2.16 3.38	57.71 1.99 0.34
WOODARD__115KV_TB2 355635	50.35 -0.48 -0.04	55.61 -0.62 -0.59	49.83 -0.76 -0.55	45.41 -0.78 -0.33	41.39 -0.71 0.00	43.35 -0.68 0.00	43.93 -0.62 0.00	48.88 -0.71 -0.01	48.72 -0.64 0.00	48.61 -0.63 -0.02	49.97 -0.55 0.00	50.73 -0.34 0.00	63.00 -0.09 -1.67	73.76 0.39 -2.71	67.02 0.64 -1.35	68.36 0.78 0.00	62.55 0.75 0.00	74.10 0.86 0.00	77.00 0.95 0.00	81.45 0.91 -0.51	79.60 0.47 -1.70	74.85 0.17 -2.55	66.77 -0.43 -0.99	56.08 -0.54 -0.56
WOODMERE_69_KV_BK1 55827	52.90 2.10 0.00	58.07 2.43 0.00	52.44 2.41 0.00	47.91 2.05 0.00	44.02 1.92 0.00	46.13 2.11 0.00	46.59 2.04 0.00	51.78 2.21 0.00	51.94 2.57 0.00	51.69 2.47 0.00	52.93 2.41 0.00	53.15 2.08 0.00	64.41 2.98 0.00	75.46 4.80 0.00	70.71 5.65 -0.04	93.80 6.42 -19.80	120.21 6.29 -52.13	83.39 7.10 -3.06	82.83 6.77 0.00	86.12 6.08 0.00	82.03 4.56 -0.02	107.88 3.17 -32.58	105.61 2.21 -37.17	58.20 2.13 -0.01
YORK___WARBASSE 23770	52.08 1.28 0.00	56.63 0.99 0.00	51.43 1.40 0.00	47.11 1.25 0.00	43.33 1.23 0.00	45.28 1.25 0.00	45.92 1.37 0.00	50.95 1.38 0.00	50.97 1.61 0.00	50.61 1.39 0.00	52.09 1.57 0.00	52.43 1.36 0.00	63.27 1.84 0.00	73.82 3.16 0.00	68.99 3.96 0.00	72.27 4.69 0.00	66.68 4.89 0.00	78.52 5.29 0.00	80.96 4.90 0.00	84.41 4.37 0.00	80.22 2.78 0.00	73.71 1.58 0.00	67.29 1.06 0.00	57.75 1.69 0.00