

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	54.61	52.90	50.90	51.19	52.72	61.63	88.12	98.58	72.11	58.12	53.44	48.16	46.15	43.93	42.68	43.22	47.75	55.73	70.58	88.51	84.71	71.42	59.64	54.01
24138	3.52	3.27	3.06	2.99	3.13	3.60	5.68	7.30	4.90	4.06	3.77	3.49	3.30	3.14	3.05	3.16	3.78	4.13	5.05	6.25	5.84	4.61	3.27	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.57	52.80	50.66	51.04	52.52	61.51	87.96	98.03	71.91	57.95	53.15	47.89	45.94	43.76	42.52	43.10	47.49	55.47	70.38	88.10	84.47	71.29	59.59	53.96
24260	3.47	3.18	2.82	2.84	2.93	3.48	5.52	6.75	4.70	3.89	3.48	3.22	3.09	2.98	2.89	3.04	3.52	3.87	4.85	5.84	5.60	4.48	3.21	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.57	52.80	50.66	51.04	52.52	61.51	87.96	98.03	71.91	57.95	53.15	47.89	45.94	43.76	42.52	43.10	47.49	55.47	70.38	88.10	84.47	71.29	59.59	53.96
24261	3.47	3.18	2.82	2.84	2.93	3.48	5.52	6.75	4.70	3.89	3.48	3.22	3.09	2.98	2.89	3.04	3.52	3.87	4.85	5.84	5.60	4.48	3.21	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.21	52.65	50.66	51.09	52.57	61.69	88.04	97.39	71.24	56.55	51.75	46.23	44.35	42.17	41.13	41.58	45.95	54.28	69.59	87.85	83.92	70.89	59.53	53.96
24011	3.12	3.03	2.82	2.89	2.98	3.66	5.61	6.12	4.03	2.49	2.09	1.56	1.50	1.39	1.51	1.52	1.98	2.68	4.06	5.59	5.05	4.08	3.16	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.57	52.95	50.90	51.38	52.87	62.03	88.53	98.12	71.64	56.82	52.00	46.46	44.57	42.34	41.29	41.74	46.17	54.59	70.05	88.59	84.55	71.42	59.93	54.32
23798	3.48	3.33	3.06	3.18	3.27	4.00	6.10	6.85	4.43	2.76	2.33	1.79	1.72	1.55	1.66	1.68	2.20	2.99	4.52	6.33	5.68	4.61	3.55	3.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.21	52.65	50.66	51.09	52.57	61.69	88.04	97.39	71.24	56.55	51.75	46.23	44.35	42.17	41.13	41.58	45.95	54.28	69.59	87.85	83.92	70.89	59.53	53.96
24028	3.12	3.03	2.82	2.89	2.98	3.66	5.61	6.12	4.03	2.49	2.09	1.56	1.50	1.39	1.51	1.52	1.98	2.68	4.06	5.59	5.05	4.08	3.16	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.29	51.66	49.65	49.93	51.43	60.00	85.49	95.20	69.62	55.57	50.96	45.79	44.01	42.01	40.86	41.34	45.51	53.15	67.96	84.97	81.39	69.09	57.95	52.53
23527	2.20	2.04	1.82	1.73	1.84	1.97	3.05	3.92	2.42	1.51	1.29	1.12	1.16	1.22	1.23	1.28	1.54	1.55	2.43	2.71	2.52	2.27	1.58	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	52.16	50.72	48.79	49.12	50.49	58.49	82.93	91.91	67.48	54.22	49.87	44.94	43.11	41.15	40.06	40.54	44.50	51.96	65.86	82.42	78.95	67.01	56.49	51.71
24190	1.07	1.09	0.96	0.92	0.89	0.46	0.49	0.64	0.27	0.16	0.20	0.27	0.26	0.37	0.44	0.48	0.53	0.36	0.33	0.16	0.08	0.20	0.11	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.48	49.13	47.55	47.96	49.40	57.86	81.20	89.54	66.60	53.74	49.32	44.31	42.38	40.30	39.11	39.46	43.31	51.03	64.55	81.11	77.92	66.35	56.32	51.30
355683	-0.61	-0.50	-0.29	-0.24	-0.20	-0.17	-1.24	-1.73	-0.60	-0.32	-0.35	-0.36	-0.47	-0.49	-0.52	-0.60	-0.66	-0.57	-0.98	-1.15	-0.95	-0.47	-0.06	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	52.98	51.51	49.55	49.89	51.28	59.65	84.50	93.56	68.28	54.55	50.02	44.89	43.11	41.11	40.02	40.50	44.63	52.42	66.97	84.15	80.60	68.35	57.61	52.58
323833	1.89	1.89	1.72	1.69	1.69	1.62	2.06	2.28	1.07	0.49	0.35	0.22	0.26	0.32	0.40	0.44	0.66	0.82	1.44	1.89	1.73	1.54	1.24	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	52.93	51.46	49.55	49.89	51.28	59.65	84.50	93.56	68.22	54.55	50.02	44.89	43.11	41.11	40.02	40.50	44.63	52.42	66.91	84.15	80.60	68.35	57.61	52.53
323834	1.84	1.84	1.72	1.69	1.69	1.62	2.06	2.28	1.01	0.49	0.35	0.22	0.26	0.32	0.40	0.44	0.66	0.82	1.38	1.89	1.73	1.54	1.24	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	52.16	50.72	48.79	49.12	50.49	58.49	82.93	91.91	67.48	54.22	49.87	44.94	43.11	41.15	40.06	40.54	44.50	51.96	65.86	82.42	78.95	67.01	56.49	51.71
23571	1.07	1.09	0.96	0.92	0.89	0.46	0.49	0.64	0.27	0.16	0.20	0.27	0.26	0.37	0.44	0.48	0.53	0.36	0.33	0.16	0.08	0.20	0.11	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	52.16 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.12 0.92 0.00	50.49 0.89 0.00	58.49 0.46 0.00	82.93 0.49 0.00	91.91 0.64 0.00	67.48 0.27 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.94 0.27 0.00	43.11 0.26 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.54 0.48 0.00	44.50 0.53 0.00	51.96 0.36 0.00	65.86 0.33 0.00	82.42 0.16 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.49 0.11 0.00	51.71 0.46 0.00
ALBANY___3 23573	52.16 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.12 0.92 0.00	50.49 0.89 0.00	58.49 0.46 0.00	82.93 0.49 0.00	91.91 0.64 0.00	67.48 0.27 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.94 0.27 0.00	43.11 0.26 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.54 0.48 0.00	44.50 0.53 0.00	51.96 0.36 0.00	65.86 0.33 0.00	82.42 0.16 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.49 0.11 0.00	51.71 0.46 0.00
ALBANY___4 23574	52.16 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.12 0.92 0.00	50.49 0.89 0.00	58.49 0.46 0.00	82.93 0.49 0.00	91.91 0.64 0.00	67.48 0.27 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.94 0.27 0.00	43.11 0.26 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.54 0.48 0.00	44.50 0.53 0.00	51.96 0.36 0.00	65.86 0.33 0.00	82.42 0.16 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.49 0.11 0.00	51.71 0.46 0.00
ALBANY___LFGE 323615	52.57 1.48 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.02 0.99 0.00	83.59 1.15 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.71 0.65 0.00	50.31 0.64 0.00	45.29 0.63 0.00	43.49 0.64 0.00	41.48 0.69 0.00	40.38 0.75 0.00	40.82 0.76 0.00	44.85 0.88 0.00	52.38 0.78 0.00	66.57 1.05 0.00	83.49 1.24 0.00	79.82 0.95 0.00	67.68 0.87 0.00	56.99 0.62 0.00	52.12 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	50.58 -0.51 0.00	49.28 -0.35 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	81.12 -1.32 0.00	89.45 -1.83 0.00	66.74 -0.47 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.15 -0.48 0.00	39.54 -0.52 0.00	43.40 -0.57 0.00	51.14 -0.46 0.00	64.74 -0.79 0.00	81.11 -1.15 0.00	77.85 -1.03 0.00	66.61 -0.20 0.00	56.54 0.17 0.00	51.50 0.26 0.00
ALCOA_RYNLDS___DRP 24188	50.58 -0.51 0.00	49.28 -0.35 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	81.12 -1.32 0.00	89.45 -1.83 0.00	66.74 -0.47 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.15 -0.48 0.00	39.54 -0.52 0.00	43.40 -0.57 0.00	51.14 -0.46 0.00	64.74 -0.79 0.00	81.11 -1.15 0.00	77.85 -1.03 0.00	66.61 -0.20 0.00	56.54 0.17 0.00	51.50 0.26 0.00
ALCOA___DSASP 323711	50.63 -0.46 0.00	49.28 -0.34 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	81.36 -1.07 0.00	89.45 -1.82 0.00	66.74 -0.47 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.54 -0.52 0.00	43.40 -0.57 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	81.11 -1.15 0.00	77.84 -1.03 0.00	66.61 -0.20 0.00	56.54 0.17 0.00	51.51 0.26 0.00
ALLEGHENY___COGEN 23514	51.45 0.36 0.00	50.02 0.40 0.00	48.26 0.43 0.00	49.02 0.82 0.00	50.29 0.69 0.00	59.42 1.39 0.00	84.66 2.23 0.00	93.92 2.65 0.00	67.55 0.34 0.00	54.44 0.38 0.00	49.72 0.05 0.00	44.67 0.00 0.00	42.51 -0.34 0.00	40.42 -0.37 0.00	39.35 -0.28 0.00	39.90 -0.16 0.00	43.62 -0.35 0.00	52.27 0.67 0.00	66.91 1.38 0.00	85.06 2.80 0.00	82.42 3.55 0.00	68.68 1.87 0.00	58.69 2.31 0.00	53.15 1.90 0.00
ALTAMONT_115KV_TB 2 55880	52.42 1.33 0.00	50.92 1.29 0.00	48.98 1.15 0.00	49.36 1.16 0.00	50.74 1.14 0.00	59.19 1.16 0.00	84.08 1.65 0.00	93.28 2.01 0.00	68.42 1.21 0.00	54.87 0.81 0.00	50.36 0.70 0.00	45.34 0.67 0.00	43.54 0.69 0.00	41.52 0.73 0.00	40.38 0.75 0.00	40.86 0.80 0.00	44.89 0.92 0.00	52.58 0.98 0.00	66.77 1.25 0.00	83.66 1.40 0.00	80.21 1.34 0.00	68.02 1.20 0.00	57.22 0.85 0.00	52.07 0.82 0.00
ALTONA_WT_PWR 323606	49.05 -2.05 0.00	47.89 -1.74 0.00	46.69 -1.15 0.00	47.28 -0.92 0.00	48.90 -0.69 0.00	57.51 -0.52 0.00	81.03 -1.40 0.00	89.45 -1.82 0.00	66.41 -0.80 0.00	53.63 -0.43 0.00	49.27 -0.40 0.00	44.22 -0.45 0.00	42.21 -0.64 0.00	40.01 -0.78 0.00	38.79 -0.83 0.00	39.10 -0.96 0.00	43.00 -0.97 0.00	50.83 -0.77 0.00	64.41 -1.11 0.00	81.52 -0.74 0.00	78.40 -0.47 0.00	66.48 -0.33 0.00	56.43 0.06 0.00	51.35 0.10 0.00
AMERICAN_REF_FUEL 24010	46.75 -4.34 0.00	45.61 -4.02 0.00	44.01 -3.83 0.00	44.73 -3.47 0.00	45.68 -3.92 0.00	53.91 -4.12 0.00	75.68 -6.76 0.00	83.88 -7.39 0.00	61.70 -5.51 0.00	51.03 -3.03 0.00	47.24 -2.43 0.00	42.66 -2.01 0.00	40.75 -2.10 0.00	38.79 -2.00 0.00	37.69 -1.94 0.00	38.26 -1.80 0.00	41.38 -2.59 0.00	48.45 -3.15 0.00	60.75 -4.78 0.00	75.84 -6.42 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.78 -2.59 0.00	49.10 -2.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.20 -1.89 0.00	48.04 -1.59 0.00	46.45 -1.39 0.00	47.28 -0.92 0.00	48.40 -1.19 0.00	57.34 -0.69 0.00	81.03 -1.40 0.00	90.18 -1.09 0.00	66.27 -0.94 0.00	54.39 0.33 0.00	50.22 0.55 0.00	45.21 0.54 0.00	43.11 0.26 0.00	40.99 0.20 0.00	39.79 0.16 0.00	40.46 0.40 0.00	43.97 0.00 0.00	51.45 -0.15 0.00	64.75 -0.78 0.00	81.44 -0.82 0.00	79.27 0.40 0.00	65.61 -1.20 0.00	56.77 0.40 0.00	51.56 0.31 0.00
ARTHUR KILL_GT_1 23520	59.27 3.73 -4.45	58.42 3.47 -5.32	58.46 3.21 -7.42	58.47 3.09 -7.18	58.47 3.22 -5.65	61.51 3.48 0.00	86.87 4.45 0.01	97.38 6.12 0.01	71.23 4.03 0.01	62.62 3.57 -4.99	62.06 3.23 -9.16	62.04 2.95 -14.42	60.54 2.83 -14.86	60.59 2.77 -17.02	60.58 2.77 -18.18	60.58 2.89 -17.64	62.09 3.39 -14.74	63.43 3.61 -8.22	70.11 4.59 0.01	88.01 5.76 0.01	84.23 5.37 0.01	71.15 4.34 0.01	62.73 3.38 -2.97	59.97 2.92 -5.81
ARTHUR_KILL_2 23512	59.12 3.58 -4.45	58.32 3.38 -5.32	58.32 3.06 -7.42	58.32 2.94 -7.18	58.32 3.08 -5.65	61.39 3.36 0.00	86.63 4.20 0.01	97.11 5.85 0.01	71.10 3.90 0.01	62.46 3.41 -4.99	61.96 3.13 -9.16	61.95 2.86 -14.42	60.46 2.74 -14.86	60.46 2.65 -17.02	60.46 2.66 -18.18	60.46 2.76 -17.64	61.96 3.25 -14.74	63.28 3.46 -8.22	69.91 4.39 0.01	87.68 5.43 0.01	83.99 5.12 0.01	70.95 4.14 0.01	62.56 3.21 -2.97	59.87 2.82 -5.81
ARTHUR_KILL_3 23513	58.65 3.12 -4.45	57.76 2.83 -5.31	57.88 2.63 -7.41	57.92 2.55 -7.17	57.91 2.68 -5.64	60.99 2.96 0.00	87.05 4.61 0.00	97.39 6.12 0.00	71.17 3.96 0.00	62.51 3.46 -4.98	62.05 3.23 -9.15	62.03 2.95 -14.41	60.53 2.83 -14.86	60.54 2.73 -17.02	60.45 2.66 -18.17	60.45 2.76 -17.63	62.00 3.30 -14.73	63.39 3.56 -8.23	69.79 4.26 0.00	87.53 5.27 0.00	83.76 4.89 0.00	70.62 3.81 0.00	62.04 2.71 -2.96	59.30 2.25 -5.80

ARTHUR_KILL_COGEN 323718	59.27 3.73 -4.45	58.42 3.47 -5.32	58.46 3.21 -7.42	58.47 3.09 -7.18	58.47 3.22 -5.65	61.51 3.48 0.00	86.87 4.45 0.01	97.38 6.12 0.01	71.23 4.03 0.01	62.62 3.57 -4.99	62.06 3.23 -9.16	62.04 2.95 -14.42	60.54 2.83 -14.86	60.59 2.77 -17.02	60.58 2.77 -18.18	60.58 2.89 -17.64	62.09 3.39 -14.74	63.43 3.61 -8.22	70.11 4.59 0.01	88.01 5.76 0.01	84.23 5.37 0.01	71.15 4.34 0.01	62.73 3.38 -2.97	59.97 2.92 -5.81
ASHOKAN____ 23654	53.64 2.55 0.00	52.21 2.58 0.00	50.13 2.30 0.00	50.42 2.22 0.00	51.83 2.23 0.00	60.52 2.49 0.00	86.39 3.96 0.00	95.65 4.38 0.00	69.56 2.35 0.00	55.08 1.02 0.00	50.17 0.50 0.00	45.12 0.45 0.00	43.41 0.56 0.00	41.32 0.53 0.00	40.14 0.51 0.00	40.74 0.68 0.00	45.07 1.10 0.00	53.15 1.55 0.00	67.76 2.23 0.00	85.63 3.37 0.00	81.79 2.92 0.00	69.55 2.74 0.00	58.23 1.86 0.00	52.89 1.64 0.00
ASTORIA_EAST_ENERGY_CC1 323581	54.42 3.32 -0.01	52.76 3.13 -0.01	50.71 2.87 -0.01	50.95 2.75 -0.01	52.48 2.88 -0.01	61.10 3.07 0.00	86.55 4.12 0.00	97.02 5.75 0.01	71.03 3.83 0.01	57.56 3.51 0.01	52.89 3.23 0.01	47.65 2.99 0.01	45.71 2.87 0.01	43.51 2.73 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.15 3.56 0.01	69.85 4.32 0.01	87.59 5.34 0.01	83.92 5.05 0.01	70.75 3.94 0.01	59.26 2.87 -0.01	53.67 2.41 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	54.42 3.32 -0.01	52.76 3.13 -0.01	50.71 2.87 -0.01	50.95 2.75 -0.01	52.48 2.88 -0.01	61.10 3.07 0.00	86.55 4.12 0.00	97.02 5.75 0.01	71.03 3.83 0.01	57.56 3.51 0.01	52.89 3.23 0.01	47.65 2.99 0.01	45.71 2.87 0.01	43.51 2.73 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.15 3.56 0.01	69.85 4.32 0.01	87.59 5.34 0.01	83.92 5.05 0.01	70.75 3.94 0.01	59.26 2.87 -0.01	53.67 2.41 -0.01
ASTORIA_GT2_1 24094	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT2_2 24095	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT2_3 24096	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT2_4 24097	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT3_1 24098	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT3_2 24099	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT3_3 24100	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT3_4 24101	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT4_1 24102	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT4_2 24103	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT4_3 24104	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01

ASTORIA_GT4_4 24105	54.27 3.17 -0.01	52.56 2.93 -0.01	50.47 2.63 -0.01	50.81 2.60 -0.01	52.23 2.63 -0.01	61.16 3.13 0.00	86.72 4.29 0.00	96.93 5.66 0.00	71.11 3.90 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.85 4.32 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.26 2.88 -0.01	53.61 2.36 -0.01
ASTORIA_GT_1 23523	54.52 3.42 -0.01	52.86 3.22 -0.01	50.81 2.97 -0.01	51.10 2.89 -0.01	52.58 2.98 -0.01	61.28 3.25 0.00	86.72 4.28 0.00	97.29 6.02 0.01	71.23 4.03 0.01	57.67 3.62 0.01	52.99 3.33 0.01	47.74 3.08 0.01	45.80 2.95 0.01	43.63 2.85 0.01	42.39 2.77 0.01	42.94 2.89 0.01	47.43 3.47 0.01	55.31 3.72 0.01	69.98 4.46 0.01	87.85 5.60 0.01	84.07 5.20 0.01	70.95 4.14 0.01	59.37 2.99 -0.01	53.77 2.51 -0.01
ASTORIA_GT_10 24110	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.22 4.78 0.00	97.48 6.21 0.00	71.51 4.30 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.18 4.65 0.00	87.85 5.59 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
ASTORIA_GT_11 24225	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.22 4.78 0.00	97.48 6.21 0.00	71.51 4.30 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.18 4.65 0.00	87.85 5.59 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
ASTORIA_GT_12 24226	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.22 4.78 0.00	97.48 6.21 0.00	71.51 4.30 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.18 4.65 0.00	87.85 5.59 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
ASTORIA_GT_13 24227	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.22 4.78 0.00	97.48 6.21 0.00	71.51 4.30 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.18 4.65 0.00	87.85 5.59 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
ASTORIA_GT_5 24106	54.37 3.27 -0.01	52.66 3.03 -0.01	50.52 2.68 -0.01	50.86 2.65 -0.01	52.33 2.73 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.11 5.84 0.00	71.31 4.10 0.00	57.67 3.62 0.01	52.94 3.28 0.01	47.70 3.04 0.01	45.76 2.91 0.01	43.55 2.77 0.01	42.39 2.77 0.01	42.93 2.88 0.01	47.35 3.39 0.01	55.26 3.66 0.01	69.99 4.46 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.37 2.99 -0.01	53.72 2.46 -0.01
ASTORIA_GT_7 24107	54.37 3.27 -0.01	52.66 3.03 -0.01	50.52 2.68 -0.01	50.86 2.65 -0.01	52.33 2.73 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.11 5.84 0.00	71.31 4.10 0.00	57.67 3.62 0.01	52.94 3.28 0.01	47.70 3.04 0.01	45.76 2.91 0.01	43.55 2.77 0.01	42.39 2.77 0.01	42.93 2.88 0.01	47.35 3.39 0.01	55.26 3.66 0.01	69.99 4.46 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.37 2.99 -0.01	53.72 2.46 -0.01
ASTORIA_GT_8 24108	54.37 3.27 -0.01	52.66 3.03 -0.01	50.52 2.68 -0.01	50.86 2.65 -0.01	52.33 2.73 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.11 5.84 0.00	71.31 4.10 0.00	57.67 3.62 0.01	52.94 3.28 0.01	47.70 3.04 0.01	45.76 2.91 0.01	43.55 2.77 0.01	42.39 2.77 0.01	42.93 2.88 0.01	47.35 3.39 0.01	55.26 3.66 0.01	69.99 4.46 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.37 2.99 -0.01	53.72 2.46 -0.01
ASTORIA___2 24149	54.47 3.37 -0.01	52.76 3.13 -0.01	50.76 2.92 -0.01	51.00 2.79 -0.01	52.53 2.93 -0.01	61.16 3.13 0.00	86.55 4.12 0.00	97.11 5.85 0.01	71.10 3.90 0.01	57.56 3.51 0.01	52.89 3.23 0.01	47.70 3.04 0.01	45.71 2.87 0.01	43.55 2.77 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.20 3.61 0.01	69.85 4.32 0.01	87.68 5.43 0.01	83.92 5.05 0.01	70.81 4.01 0.01	59.26 2.87 -0.01	53.72 2.46 -0.01
ASTORIA___3 23516	54.62 3.52 -0.01	52.91 3.27 -0.01	50.86 3.02 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.45 3.42 0.00	87.13 4.70 0.00	97.66 6.39 0.00	71.51 4.31 0.00	61.49 3.78 -3.65	62.25 3.53 -9.05	62.25 3.22 -14.36	61.49 3.09 -15.55	61.49 2.98 -17.73	45.43 2.89 -2.91	45.89 3.01 -2.82	62.25 3.61 -14.67	63.75 3.87 -8.28	70.25 4.72 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
ASTORIA___4 23517	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.22 4.78 0.00	97.48 6.21 0.00	71.51 4.30 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.18 4.65 0.00	87.85 5.59 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
ASTORIA___5 23518	54.62 3.52 -0.01	52.91 3.27 -0.01	50.86 3.02 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.45 3.42 0.00	87.13 4.70 0.00	97.66 6.39 0.00	71.51 4.31 0.00	61.49 3.78 -3.65	62.25 3.53 -9.05	62.25 3.22 -14.36	61.49 3.09 -15.55	61.49 2.98 -17.73	45.43 2.89 -2.91	45.89 3.01 -2.82	62.25 3.61 -14.67	63.75 3.87 -8.28	70.25 4.72 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
AST_ENERGY_2_CC3 323677	54.26 3.17 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.80 2.60 0.00	52.32 2.73 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.89 3.23 0.00	47.62 2.95 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.16 3.56 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.19 2.82 0.00	53.61 2.36 0.00
AST_ENERGY_2_CC4 323678	54.26 3.17 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.80 2.60 0.00	52.32 2.73 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.89 3.23 0.00	47.62 2.95 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.16 3.56 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.19 2.82 0.00	53.61 2.36 0.00

ATHENS_STG_1 23668	52.57 1.48 0.00	50.97 1.34 0.00	49.03 1.20 0.00	49.36 1.15 0.00	50.74 1.14 0.00	59.19 1.16 0.00	84.17 1.73 0.00	93.64 2.37 0.00	68.62 1.41 0.00	55.30 1.24 0.00	50.81 1.14 0.00	45.79 1.12 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.22 1.16 0.00	45.38 1.41 0.00	52.99 1.39 0.00	67.10 1.57 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.41 0.00	57.33 0.96 0.00	52.07 0.82 0.00
ATHENS_STG_2 23670	52.57 1.48 0.00	50.97 1.34 0.00	49.03 1.20 0.00	49.36 1.15 0.00	50.74 1.14 0.00	59.19 1.16 0.00	84.17 1.73 0.00	93.64 2.37 0.00	68.62 1.41 0.00	55.30 1.24 0.00	50.81 1.14 0.00	45.79 1.12 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.22 1.16 0.00	45.38 1.41 0.00	52.99 1.39 0.00	67.10 1.57 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.41 0.00	57.33 0.96 0.00	52.07 0.82 0.00
ATHENS_STG_3 23677	52.57 1.48 0.00	50.97 1.34 0.00	49.03 1.20 0.00	49.36 1.15 0.00	50.74 1.14 0.00	59.19 1.16 0.00	84.17 1.73 0.00	93.64 2.37 0.00	68.62 1.41 0.00	55.30 1.24 0.00	50.81 1.14 0.00	45.79 1.12 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.22 1.16 0.00	45.38 1.41 0.00	52.99 1.39 0.00	67.10 1.57 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.41 0.00	57.33 0.96 0.00	52.07 0.82 0.00
AUBURN___LFGE 323710	51.14 0.05 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.20 0.00 0.00	49.59 0.00 0.00	58.15 0.12 0.00	83.18 0.74 0.00	92.55 1.28 0.00	67.54 0.34 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.15 0.30 0.00	41.07 0.29 0.00	39.86 0.24 0.00	40.34 0.28 0.00	44.23 0.26 0.00	52.12 0.52 0.00	66.25 0.72 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.28 0.47 0.00	56.88 0.51 0.00	51.66 0.41 0.00
BABYLON_RES_REC 323704	55.09 3.99 -0.01	53.36 3.72 -0.01	51.38 3.54 -0.01	51.58 3.37 -0.01	53.18 3.57 -0.01	62.10 4.06 -0.01	90.69 6.01 -2.24	98.87 7.30 -0.29	76.14 5.18 -3.76	58.18 4.11 -0.01	52.89 3.23 0.00	46.95 2.28 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.34 2.28 0.00	47.40 3.43 0.00	55.22 3.61 -0.01	70.65 5.11 -0.01	88.27 6.00 -0.01	84.56 5.68 -0.01	72.55 4.74 -0.99	65.34 3.66 -5.31	54.88 3.18 -0.46
BABYLON__69_KV_BK2 356345	55.65 4.55 -0.01	53.85 4.22 -0.01	51.72 3.87 -0.01	52.02 3.81 -0.01	53.57 3.97 -0.01	62.74 4.70 -0.01	91.80 7.17 -2.20	99.86 8.31 -0.28	76.93 6.05 -3.68	58.72 4.65 -0.01	53.59 3.92 0.00	47.26 2.59 0.00	45.08 2.23 0.00	42.95 2.16 0.00	41.89 2.26 0.00	42.86 2.80 0.00	47.75 3.78 0.00	55.84 4.23 -0.01	71.57 6.03 -0.01	89.34 7.07 -0.01	85.74 6.86 -0.01	73.46 5.68 -0.97	65.85 4.28 -5.19	55.49 3.79 -0.45
BALL_HILL_WT_PWR 323825	48.64 -2.45 0.00	47.44 -2.18 0.00	45.78 -2.06 0.00	46.51 -1.69 0.00	47.61 -1.99 0.00	56.23 -1.80 0.00	79.39 -3.05 0.00	88.17 -3.10 0.00	64.85 -2.35 0.00	53.36 -0.70 0.00	49.32 -0.35 0.00	44.45 -0.22 0.00	42.42 -0.43 0.00	40.38 -0.41 0.00	39.19 -0.44 0.00	39.82 -0.24 0.00	43.22 -0.75 0.00	50.57 -1.03 0.00	63.50 -2.03 0.00	79.71 -2.55 0.00	77.69 -1.18 0.00	64.41 -2.40 0.00	55.87 -0.51 0.00	50.84 -0.41 0.00
BARON_WINDS___WT_PWR 323822	49.56 -1.53 0.00	48.24 -1.39 0.00	46.59 -1.24 0.00	47.24 -0.96 0.00	48.55 -1.04 0.00	57.22 -0.81 0.00	81.28 -1.15 0.00	90.00 -1.28 0.00	65.40 -1.81 0.00	53.09 -0.97 0.00	48.87 -0.80 0.00	43.95 -0.72 0.00	42.03 -0.82 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.30 -0.76 0.00	42.91 -1.06 0.00	50.72 -0.88 0.00	64.48 -1.05 0.00	81.27 -0.98 0.00	78.64 -0.24 0.00	65.81 -1.00 0.00	56.37 0.00 0.00	51.25 0.00 0.00
BARRETT_IC_1 23704	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_10 23701	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_11 23702	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_12 23703	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_2 23705	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_3 23706	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_4 23707	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42

BARRETT_IC_5 23708	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_6 23709	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_7 23710	54.52 3.42 -0.01	52.86 3.23 -0.01	50.81 2.97 -0.01	51.20 2.99 -0.01	52.68 3.07 -0.01	61.52 3.48 -0.01	89.05 4.53 -2.08	96.93 5.39 -0.27	74.65 3.97 -3.48	57.80 3.73 -0.01	52.85 3.18 0.00	46.86 2.19 0.00	44.86 2.01 0.00	42.70 1.92 0.00	41.61 1.98 0.00	42.38 2.32 0.00	47.09 3.12 0.00	54.91 3.30 -0.01	69.40 3.87 -0.01	86.79 4.52 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_8 23711	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT_IC_9 23700	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT___1 23545	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BARRETT___2 23546	54.52 3.42 -0.01	52.91 3.27 -0.01	50.95 3.11 -0.01	51.25 3.04 -0.01	52.73 3.13 -0.01	61.46 3.42 -0.01	88.96 4.45 -2.08	97.11 5.57 -0.27	74.65 3.96 -3.48	57.80 3.73 -0.01	52.65 2.98 0.00	46.90 2.23 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.22 2.16 0.00	47.14 3.17 0.00	54.86 3.25 -0.01	69.40 3.87 -0.01	86.95 4.69 -0.01	83.22 4.34 -0.01	71.27 3.54 -0.92	63.99 2.71 -4.91	54.13 2.46 -0.42
BATAVIA__115KV_TB1 55881	49.00 -2.09 0.00	47.69 -1.94 0.00	46.16 -1.67 0.00	46.75 -1.45 0.00	47.96 -1.64 0.00	56.00 -2.03 0.00	79.80 -2.64 0.00	88.99 -2.28 0.00	64.59 -2.62 0.00	53.25 -0.81 0.00	49.37 -0.30 0.00	44.31 -0.36 0.00	42.55 -0.30 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.70 -0.36 0.00	43.31 -0.66 0.00	50.88 -0.72 0.00	64.02 -1.51 0.00	81.35 -0.90 0.00	78.24 -0.63 0.00	65.01 -1.80 0.00	56.32 -0.06 0.00	51.20 -0.05 0.00
BAYONEEC___CTG1 323682	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG10 323750	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG2 323683	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG3 323684	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG4 323685	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG5 323686	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG6 323687	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00

BAYONEEC___CTG7 323688	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG8 323689	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BAYONEEC___CTG9 323749	54.31 3.22 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.16 3.13 0.00	87.30 4.86 0.00	97.57 6.29 0.00	71.38 4.17 0.00	57.57 3.51 0.00	52.95 3.28 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.25 2.87 0.00	53.61 2.36 0.00
BEACON___LESR 323632	52.98 1.89 0.00	51.46 1.84 0.00	49.51 1.67 0.00	49.84 1.64 0.00	51.23 1.63 0.00	59.48 1.45 0.00	84.33 1.90 0.00	93.74 2.47 0.00	68.69 1.48 0.00	55.03 0.97 0.00	50.56 0.89 0.00	45.43 0.76 0.00	43.62 0.77 0.00	41.64 0.86 0.00	40.54 0.91 0.00	40.98 0.92 0.00	45.07 1.10 0.00	52.73 1.13 0.00	67.04 1.51 0.00	84.15 1.89 0.00	80.45 1.58 0.00	68.22 1.41 0.00	57.44 1.07 0.00	52.48 1.23 0.00
BEAVER RIVER___HYD 24048	49.97 -1.12 0.00	48.68 -0.94 0.00	47.07 -0.77 0.00	47.53 -0.67 0.00	48.95 -0.65 0.00	57.68 -0.35 0.00	83.17 0.74 0.00	92.00 0.73 0.00	67.41 0.20 0.00	53.09 -0.97 0.00	48.62 -1.05 0.00	43.51 -1.16 0.00	41.44 -1.41 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.70 -1.36 0.00	42.43 -1.54 0.00	50.57 -1.03 0.00	64.94 -0.59 0.00	82.26 0.00 0.00	78.87 0.00 0.00	66.75 -0.07 0.00	56.09 -0.28 0.00	51.30 0.05 0.00
BEEBEE_GT_13 23619	49.81 -1.28 0.00	48.39 -1.24 0.00	46.78 -1.05 0.00	47.24 -0.96 0.00	48.50 -1.09 0.00	56.70 -1.33 0.00	80.79 -1.65 0.00	89.90 -1.37 0.00	65.60 -1.61 0.00	53.63 -0.43 0.00	49.52 -0.15 0.00	44.49 -0.18 0.00	42.68 -0.17 0.00	40.58 -0.20 0.00	39.39 -0.24 0.00	39.90 -0.16 0.00	43.53 -0.44 0.00	51.24 -0.36 0.00	64.68 -0.85 0.00	81.76 -0.49 0.00	78.48 -0.39 0.00	65.68 -1.14 0.00	56.26 -0.11 0.00	51.15 -0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.58 4.04 -4.45	58.67 3.72 -5.32	58.60 3.35 -7.42	58.71 3.33 -7.18	58.67 3.42 -5.65	61.92 3.89 0.00	88.12 5.69 0.00	98.39 7.12 0.00	72.18 4.97 0.00	66.78 4.27 -8.45	71.37 3.82 -17.88	76.45 3.53 -28.25	76.07 3.34 -29.88	78.14 3.22 -34.13	63.22 3.17 -20.42	63.16 3.28 -19.82	76.71 3.87 -28.87	72.04 4.23 -16.21	70.77 5.24 0.00	88.59 6.33 0.00	85.02 6.15 0.00	71.82 5.01 0.00	63.18 3.83 -2.97	60.28 3.23 -5.81
BETHLEHEM___GRP 23843	52.16 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.12 0.92 0.00	50.49 0.89 0.00	58.49 0.46 0.00	82.93 0.49 0.00	91.91 0.64 0.00	67.48 0.27 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.94 0.27 0.00	43.11 0.26 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.54 0.48 0.00	44.50 0.53 0.00	51.96 0.36 0.00	65.86 0.33 0.00	82.42 0.16 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.49 0.11 0.00	51.71 0.46 0.00
BETHLEHEM___GS1 323560	52.17 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.07 0.87 0.00	50.49 0.89 0.00	58.44 0.41 0.00	82.68 0.25 0.00	91.92 0.64 0.00	67.41 0.20 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.89 0.22 0.00	43.15 0.30 0.00	41.19 0.41 0.00	40.06 0.44 0.00	40.50 0.44 0.00	44.50 0.53 0.00	51.91 0.31 0.00	65.86 0.33 0.00	82.51 0.25 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.43 0.06 0.00	51.71 0.46 0.00
BETHLEHEM___GS2 323561	52.17 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.07 0.87 0.00	50.49 0.89 0.00	58.44 0.41 0.00	82.68 0.25 0.00	91.92 0.64 0.00	67.41 0.20 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.89 0.22 0.00	43.15 0.30 0.00	41.19 0.41 0.00	40.06 0.44 0.00	40.50 0.44 0.00	44.50 0.53 0.00	51.91 0.31 0.00	65.86 0.33 0.00	82.51 0.25 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.43 0.06 0.00	51.71 0.46 0.00
BETHLEHEM___GS3 323562	52.17 1.07 0.00	50.72 1.09 0.00	48.79 0.96 0.00	49.07 0.87 0.00	50.49 0.89 0.00	58.44 0.41 0.00	82.68 0.25 0.00	91.92 0.64 0.00	67.41 0.20 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.89 0.22 0.00	43.15 0.30 0.00	41.19 0.41 0.00	40.06 0.44 0.00	40.50 0.44 0.00	44.50 0.53 0.00	51.91 0.31 0.00	65.86 0.33 0.00	82.51 0.25 0.00	78.95 0.08 0.00	67.01 0.20 0.00	56.43 0.06 0.00	51.71 0.46 0.00
BETHLEHEM___STEEL 23779	48.18 -2.91 0.00	46.95 -2.68 0.00	45.49 -2.34 0.00	46.03 -2.17 0.00	47.21 -2.38 0.00	55.07 -2.96 0.00	78.31 -4.12 0.00	87.35 -3.92 0.00	63.65 -3.56 0.00	52.98 -1.08 0.00	49.22 -0.45 0.00	44.22 -0.45 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.22 -0.75 0.00	50.21 -1.39 0.00	63.04 -2.49 0.00	80.04 -2.22 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.58 -0.79 0.00	50.58 -0.67 0.00
BETHLHEM_115KV_TB1 79974	52.22 1.12 0.00	50.77 1.14 0.00	48.84 1.00 0.00	49.16 0.96 0.00	50.54 0.94 0.00	58.61 0.58 0.00	83.09 0.66 0.00	92.19 0.91 0.00	67.68 0.47 0.00	54.33 0.27 0.00	49.97 0.30 0.00	45.03 0.36 0.00	43.19 0.34 0.00	41.24 0.45 0.00	40.10 0.48 0.00	40.58 0.52 0.00	44.59 0.62 0.00	52.06 0.46 0.00	66.05 0.52 0.00	82.59 0.33 0.00	79.19 0.32 0.00	67.21 0.40 0.00	56.66 0.28 0.00	51.76 0.51 0.00
BETHPAGE_CC_5 323564	54.88 3.78 -0.01	53.21 3.58 -0.01	51.19 3.35 -0.01	51.44 3.23 -0.01	52.98 3.37 -0.01	61.76 3.72 -0.01	90.34 5.52 -2.38	98.33 6.75 -0.31	75.96 4.77 -3.98	57.96 3.89 -0.01	52.80 3.13 0.00	47.04 2.37 0.00	45.03 2.18 0.00	42.83 2.04 0.00	41.69 2.06 0.00	42.38 2.32 0.00	47.40 3.43 0.00	55.12 3.51 -0.01	70.19 4.65 -0.01	87.78 5.51 -0.01	84.09 5.20 -0.01	72.27 4.41 -1.05	65.32 3.33 -5.62	54.70 2.97 -0.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.18 -2.91 0.00	47.00 -2.63 0.00	45.54 -2.30 0.00	46.08 -2.12 0.00	47.26 -2.33 0.00	55.19 -2.84 0.00	78.48 -3.96 0.00	87.53 -3.74 0.00	63.78 -3.43 0.00	53.09 -0.97 0.00	49.27 -0.40 0.00	44.27 -0.40 0.00	42.51 -0.34 0.00	40.38 -0.41 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.27 -0.70 0.00	50.31 -1.29 0.00	63.17 -2.36 0.00	80.28 -1.97 0.00	77.29 -1.58 0.00	64.07 -2.74 0.00	55.64 -0.73 0.00	50.63 -0.61 0.00

BINGHAMTON___COGEN 23790	51.14 0.05 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.09 0.06 0.00	82.93 0.49 0.00	92.37 1.10 0.00	67.21 0.00 0.00	54.49 0.43 0.00	50.17 0.50 0.00	45.07 0.40 0.00	43.24 0.39 0.00	41.19 0.41 0.00	39.94 0.32 0.00	40.42 0.36 0.00	44.32 0.35 0.00	52.01 0.41 0.00	65.92 0.39 0.00	83.00 0.74 0.00	79.58 0.71 0.00	67.01 0.20 0.00	56.77 0.39 0.00	51.61 0.36 0.00
BIXINCNT_115KV_LOAD 355685	48.18 -2.91 0.00	47.10 -2.53 0.00	45.78 -2.06 0.00	46.47 -1.74 0.00	47.71 -1.88 0.00	55.88 -2.15 0.00	79.71 -2.72 0.00	89.08 -2.19 0.00	64.79 -2.42 0.00	53.57 -0.49 0.00	49.52 -0.15 0.00	44.45 -0.22 0.00	42.64 -0.21 0.00	40.38 -0.41 0.00	38.87 -0.75 0.00	39.50 -0.56 0.00	43.18 -0.79 0.00	50.46 -1.14 0.00	63.69 -1.83 0.00	81.19 -1.07 0.00	78.24 -0.63 0.00	64.81 -2.00 0.00	56.15 -0.23 0.00	51.04 -0.20 0.00
BLACK RIVER___HYD 24047	50.58 -0.51 0.00	49.23 -0.40 0.00	47.55 -0.29 0.00	47.96 -0.24 0.00	49.40 -0.20 0.00	58.21 0.17 0.00	84.08 1.65 0.00	93.10 1.82 0.00	67.88 0.67 0.00	53.36 -0.70 0.00	48.87 -0.80 0.00	43.69 -0.98 0.00	41.65 -1.20 0.00	39.48 -1.31 0.00	38.36 -1.27 0.00	39.02 -1.04 0.00	42.69 -1.28 0.00	51.03 -0.57 0.00	65.79 0.26 0.00	83.66 1.40 0.00	80.13 1.26 0.00	67.62 0.80 0.00	56.66 0.28 0.00	51.66 0.41 0.00
BLACKRVR_115KV_TB2 79977	50.53 -0.56 0.00	49.18 -0.45 0.00	47.55 -0.29 0.00	47.96 -0.24 0.00	49.40 -0.20 0.00	58.20 0.17 0.00	84.08 1.65 0.00	93.10 1.83 0.00	67.81 0.60 0.00	53.36 -0.70 0.00	48.87 -0.79 0.00	43.69 -0.98 0.00	41.65 -1.20 0.00	39.48 -1.31 0.00	38.36 -1.27 0.00	39.02 -1.04 0.00	42.74 -1.23 0.00	51.03 -0.57 0.00	65.79 0.26 0.00	83.74 1.48 0.00	80.13 1.26 0.00	67.62 0.80 0.00	56.66 0.28 0.00	51.66 0.41 0.00
BLISS_WT_PWR 323608	48.18 -2.91 0.00	47.10 -2.53 0.00	45.68 -2.15 0.00	46.61 -1.59 0.00	47.71 -1.88 0.00	56.58 -1.45 0.00	80.13 -2.31 0.00	89.35 -1.92 0.00	65.46 -1.75 0.00	53.57 -0.49 0.00	49.27 -0.40 0.00	44.40 -0.27 0.00	42.29 -0.56 0.00	40.13 -0.65 0.00	38.72 -0.91 0.00	39.38 -0.68 0.00	42.78 -1.19 0.00	50.42 -1.18 0.00	63.63 -1.90 0.00	80.28 -1.97 0.00	78.32 -0.55 0.00	64.87 -1.94 0.00	56.15 -0.22 0.00	51.04 -0.20 0.00
BLUESTONE___WT_PWR 323821	53.59 2.50 0.00	52.11 2.48 0.00	50.23 2.39 0.00	50.71 2.50 0.00	52.17 2.58 0.00	61.39 3.36 0.00	88.29 5.85 0.00	98.12 6.85 0.00	73.05 5.84 0.00	57.84 3.78 0.00	53.00 3.33 0.00	47.57 2.90 0.00	45.46 2.61 0.00	43.19 2.41 0.00	42.00 2.38 0.00	42.70 2.64 0.00	46.87 2.90 0.00	55.63 4.03 0.00	71.17 5.64 0.00	89.91 7.65 0.00	86.05 7.18 0.00	72.56 5.75 0.00	60.83 4.45 0.00	55.19 3.95 0.00
BLUE_CIRC_CHEM_DRP 24182	52.62 1.53 0.00	51.16 1.54 0.00	49.22 1.39 0.00	49.60 1.40 0.00	50.98 1.39 0.00	59.31 1.28 0.00	84.08 1.65 0.00	93.10 1.83 0.00	68.15 0.94 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.24 0.39 0.00	41.24 0.45 0.00	40.14 0.52 0.00	40.62 0.56 0.00	44.63 0.66 0.00	52.37 0.77 0.00	66.64 1.11 0.00	83.49 1.23 0.00	80.13 1.26 0.00	67.95 1.14 0.00	57.28 0.90 0.00	52.22 0.97 0.00
BOC_GAS_DRP 24189	52.27 1.18 0.00	50.77 1.14 0.00	48.84 1.00 0.00	49.16 0.96 0.00	50.59 0.99 0.00	58.90 0.87 0.00	83.67 1.24 0.00	92.82 1.55 0.00	68.15 0.94 0.00	54.71 0.65 0.00	50.26 0.60 0.00	45.29 0.63 0.00	43.49 0.64 0.00	41.48 0.69 0.00	40.34 0.71 0.00	40.78 0.72 0.00	44.81 0.84 0.00	52.37 0.77 0.00	66.51 0.98 0.00	83.16 0.90 0.00	79.82 0.95 0.00	67.68 0.87 0.00	56.94 0.56 0.00	51.86 0.61 0.00
BOONVILLE_115KV_TB1 79983	51.50 0.41 0.00	50.12 0.50 0.00	48.36 0.53 0.00	48.78 0.58 0.00	50.24 0.64 0.00	59.02 0.99 0.00	84.82 2.39 0.00	94.01 2.74 0.00	68.89 1.68 0.00	54.60 0.54 0.00	50.12 0.45 0.00	44.89 0.22 0.00	42.89 0.04 0.00	40.75 -0.04 0.00	39.59 -0.04 0.00	40.14 0.08 0.00	44.01 0.04 0.00	52.17 0.57 0.00	66.71 1.18 0.00	84.31 2.06 0.00	80.76 1.89 0.00	68.28 1.47 0.00	57.39 1.01 0.00	52.32 1.08 0.00
BORALEX_4TH_BRANCH 23824	53.29 2.20 0.00	51.66 2.03 0.00	49.65 1.82 0.00	49.94 1.74 0.00	51.38 1.79 0.00	60.06 2.03 0.00	85.57 3.13 0.00	95.02 3.74 0.00	69.63 2.42 0.00	55.57 1.51 0.00	50.96 1.29 0.00	45.79 1.12 0.00	44.01 1.16 0.00	42.01 1.22 0.00	40.85 1.23 0.00	41.34 1.28 0.00	45.46 1.49 0.00	53.15 1.55 0.00	67.95 2.42 0.00	84.81 2.55 0.00	81.40 2.52 0.00	69.09 2.27 0.00	57.95 1.58 0.00	52.53 1.28 0.00
BOWLINE___1 23526	53.39 2.30 0.00	51.76 2.13 0.00	49.80 1.96 0.00	50.03 1.83 0.00	51.48 1.88 0.00	60.06 2.03 0.00	85.74 3.30 0.00	95.56 4.29 0.00	69.97 2.76 0.00	56.33 2.27 0.00	51.75 2.09 0.00	46.68 2.01 0.00	44.82 1.97 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.34 2.37 0.00	53.92 2.32 0.00	68.35 2.82 0.00	85.79 3.53 0.00	82.11 3.23 0.00	69.49 2.68 0.00	58.12 1.75 0.00	52.68 1.43 0.00
BOWLINE___2 23595	53.44 2.35 0.00	51.81 2.18 0.00	49.84 2.01 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.12 2.09 0.00	85.82 3.38 0.00	95.74 4.47 0.00	70.10 2.89 0.00	56.44 2.38 0.00	51.80 2.13 0.00	46.73 2.06 0.00	44.86 2.01 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.06 2.00 0.00	46.39 2.42 0.00	54.03 2.43 0.00	68.48 2.95 0.00	85.96 3.71 0.00	82.26 3.39 0.00	69.55 2.74 0.00	58.23 1.86 0.00	52.78 1.54 0.00
BRADY___115KV_TB2 356060	50.73 -0.36 0.00	49.43 -0.20 0.00	47.88 0.05 0.00	48.30 0.10 0.00	49.74 0.15 0.00	58.38 0.35 0.00	81.69 -0.74 0.00	89.90 -1.37 0.00	66.94 -0.27 0.00	53.79 -0.27 0.00	49.32 -0.35 0.00	44.27 -0.40 0.00	42.29 -0.56 0.00	40.18 -0.61 0.00	38.99 -0.63 0.00	39.38 -0.68 0.00	43.27 -0.70 0.00	51.19 -0.41 0.00	64.94 -0.59 0.00	81.60 -0.66 0.00	78.32 -0.55 0.00	67.01 0.20 0.00	56.82 0.45 0.00	51.81 0.56 0.00
BRANSCOMB___SOLAR 323811	53.59 2.50 0.00	52.01 2.38 0.00	50.04 2.20 0.00	50.42 2.22 0.00	51.88 2.28 0.00	60.70 2.67 0.00	86.47 4.04 0.00	95.83 4.56 0.00	70.03 2.82 0.00	55.74 1.68 0.00	51.01 1.34 0.00	45.70 1.03 0.00	43.88 1.03 0.00	41.76 0.98 0.00	40.70 1.07 0.00	41.18 1.12 0.00	45.47 1.50 0.00	53.56 1.96 0.00	68.55 3.02 0.00	86.29 4.03 0.00	82.50 3.63 0.00	69.82 3.01 0.00	58.69 2.31 0.00	53.24 2.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	55.39 4.29 -0.01	53.61 3.97 -0.01	51.53 3.68 -0.01	51.78 3.57 -0.01	53.37 3.77 -0.01	62.45 4.41 -0.01	91.18 6.68 -2.07	99.30 7.76 -0.27	76.45 5.78 -3.46	58.50 4.43 -0.01	53.34 3.68 0.00	47.04 2.37 0.00	44.78 1.93 0.00	42.66 1.88 0.00	41.61 1.98 0.00	42.70 2.64 0.00	47.49 3.52 0.00	55.48 3.87 -0.01	71.17 5.64 -0.01	88.77 6.50 -0.01	85.19 6.31 -0.01	72.94 5.21 -0.91	65.21 3.95 -4.89	55.15 3.48 -0.42

BRISTLHL_115KV_TB1 79998	50.27 -0.82 0.00	48.78 -0.84 0.00	47.02 -0.81 0.00	47.33 -0.87 0.00	48.75 -0.84 0.00	57.10 -0.93 0.00	81.53 -0.91 0.00	90.54 -0.73 0.00	66.27 -0.94 0.00	53.36 -0.70 0.00	49.07 -0.60 0.00	44.13 -0.54 0.00	42.29 -0.56 0.00	40.22 -0.57 0.00	39.03 -0.59 0.00	39.50 -0.56 0.00	43.31 -0.66 0.00	50.93 -0.67 0.00	64.74 -0.79 0.00	81.52 -0.74 0.00	78.00 -0.87 0.00	65.88 -0.94 0.00	55.58 -0.79 0.00	50.48 -0.77 0.00
BROOKHAVEN___DRP 24191	55.14 4.04 -0.01	53.36 3.72 -0.01	51.29 3.44 -0.01	51.34 3.13 -0.01	53.12 3.52 -0.01	62.16 4.12 -0.01	90.82 6.35 -2.03	98.93 7.39 -0.26	76.19 5.58 -3.40	58.23 4.16 -0.01	53.00 3.33 0.00	46.46 1.79 0.00	44.39 1.54 0.00	42.42 1.63 0.00	41.37 1.74 0.00	42.42 2.36 0.00	47.14 3.17 0.00	54.70 3.10 -0.01	71.11 5.57 -0.01	88.52 6.25 -0.01	84.87 5.99 -0.01	72.59 4.88 -0.90	64.85 3.66 -4.81	54.99 3.33 -0.41
BROOKLYN_NAVY_YARD 23515	54.16 3.07 0.00	52.45 2.83 0.00	50.46 2.63 0.00	50.71 2.50 0.00	52.22 2.63 0.00	61.05 3.02 0.00	87.13 4.70 0.00	97.48 6.21 0.00	71.31 4.10 0.00	57.47 3.41 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.63 2.78 0.00	43.44 2.65 0.00	42.24 2.61 0.00	42.78 2.73 0.00	47.27 3.30 0.00	55.11 3.51 0.00	69.92 4.39 0.00	87.69 5.43 0.00	83.92 5.05 0.00	70.75 3.94 0.00	59.14 2.76 0.00	53.56 2.31 0.00
BROOKLYN___ARMY_DRP 323595	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
BROOKVLE_69_KV_TB1 55790	54.84 3.73 -0.01	53.11 3.47 -0.01	51.05 3.20 -0.01	51.40 3.18 -0.01	52.88 3.27 -0.01	61.87 3.83 -0.01	91.63 5.85 -3.34	98.64 6.94 -0.43	77.70 4.91 -5.59	58.13 4.05 -0.01	53.24 3.58 0.00	47.44 2.77 0.00	45.46 2.61 0.00	43.27 2.49 0.00	42.12 2.50 0.00	42.82 2.76 0.00	47.49 3.52 0.00	55.48 3.87 -0.01	70.46 4.91 -0.01	88.11 5.84 -0.01	84.49 5.60 -0.01	72.90 4.61 -1.47	67.70 3.44 -7.89	54.90 2.97 -0.68
BROOME_2_LFGE 323671	51.14 0.05 0.00	49.68 0.05 0.00	47.84 0.00 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.26 0.23 0.00	82.93 0.50 0.00	92.37 1.10 0.00	67.41 0.20 0.00	54.49 0.43 0.00	50.11 0.45 0.00	45.07 0.40 0.00	43.23 0.38 0.00	41.15 0.37 0.00	39.94 0.32 0.00	40.42 0.36 0.00	44.28 0.31 0.00	52.01 0.41 0.00	65.92 0.40 0.00	82.84 0.58 0.00	79.58 0.71 0.00	67.01 0.20 0.00	56.77 0.40 0.00	51.61 0.36 0.00
BROOME___LFGE 323600	51.14 0.05 0.00	49.68 0.05 0.00	47.84 0.00 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.26 0.23 0.00	82.93 0.50 0.00	92.37 1.10 0.00	67.41 0.20 0.00	54.49 0.43 0.00	50.11 0.45 0.00	45.07 0.40 0.00	43.23 0.38 0.00	41.15 0.37 0.00	39.94 0.32 0.00	40.42 0.36 0.00	44.28 0.31 0.00	52.01 0.41 0.00	65.92 0.40 0.00	82.84 0.58 0.00	79.58 0.71 0.00	67.01 0.20 0.00	56.77 0.40 0.00	51.61 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.44 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.26 -2.01 0.00	65.86 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.96 -1.89 0.00	38.83 -1.96 0.00	37.72 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.56 -1.97 0.00	80.20 -2.06 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
BROWNSV1_27_KV_LOAD 356125	54.67 3.58 0.00	52.90 3.28 0.00	50.80 2.97 0.00	51.14 2.94 0.00	52.62 3.03 0.00	61.69 3.66 0.00	88.29 5.85 0.00	98.39 7.12 0.00	72.18 4.97 0.00	58.11 4.05 0.00	53.34 3.68 0.00	48.06 3.39 0.00	46.06 3.21 0.00	43.89 3.10 0.00	42.68 3.05 0.00	43.22 3.16 0.00	47.66 3.69 0.00	55.68 4.08 0.00	70.71 5.18 0.00	88.43 6.17 0.00	84.87 5.99 0.00	71.56 4.74 0.00	59.81 3.44 0.00	54.12 2.87 0.00
BURROWS___LYONSDAL 23803	51.09 0.00 0.00	49.73 0.10 0.00	48.03 0.19 0.00	48.44 0.24 0.00	49.89 0.30 0.00	58.67 0.64 0.00	84.50 2.06 0.00	93.55 2.28 0.00	68.55 1.34 0.00	54.22 0.16 0.00	49.72 0.05 0.00	44.54 -0.13 0.00	42.51 -0.34 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.74 -0.32 0.00	43.57 -0.40 0.00	51.75 0.15 0.00	66.25 0.72 0.00	83.82 1.56 0.00	80.29 1.42 0.00	67.88 1.07 0.00	57.05 0.68 0.00	52.12 0.87 0.00
CAITHNESS_CC_1 323624	55.09 3.99 -0.01	53.36 3.72 -0.01	51.33 3.49 -0.01	51.39 3.18 -0.01	53.18 3.57 -0.01	62.04 4.00 -0.01	90.48 6.01 -2.03	98.93 7.39 -0.26	75.99 5.38 -3.40	58.13 4.06 -0.01	52.65 2.98 0.00	46.55 1.88 0.00	44.48 1.63 0.00	42.46 1.67 0.00	41.29 1.66 0.00	42.10 2.04 0.00	47.18 3.21 0.00	54.65 3.04 -0.01	70.91 5.37 -0.01	88.44 6.17 -0.01	84.72 5.84 -0.01	72.45 4.74 -0.90	64.74 3.55 -4.81	54.84 3.18 -0.41
CALPINE BETH_PAGE_GT4 24209	54.73 3.63 -0.01	53.01 3.37 -0.01	50.96 3.11 -0.01	51.30 3.08 -0.01	52.63 3.03 -0.01	61.52 3.48 -0.01	90.33 5.36 -2.53	97.81 6.21 -0.33	75.95 4.50 -4.24	57.75 3.68 -0.01	53.00 3.33 0.00	46.95 2.28 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.65 2.02 0.00	42.46 2.40 0.00	47.22 3.25 0.00	55.22 3.61 -0.01	69.93 4.39 -0.01	87.29 5.02 -0.01	83.77 4.89 -0.01	72.07 4.14 -1.12	65.47 3.10 -5.99	54.48 2.72 -0.51
CALPINE_BETH_PAGE_GT_4 323586	54.78 3.68 -0.01	53.06 3.42 -0.01	51.10 3.25 -0.01	51.34 3.13 -0.01	52.88 3.27 -0.01	61.52 3.48 -0.01	90.17 5.20 -2.53	97.99 6.39 -0.33	75.95 4.50 -4.24	57.75 3.68 -0.01	52.60 2.93 0.00	46.99 2.32 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.30 2.24 0.00	47.31 3.34 0.00	54.92 3.31 -0.01	69.93 4.39 -0.01	87.45 5.19 -0.01	83.77 4.89 -0.01	72.07 4.14 -1.12	65.46 3.10 -5.99	54.63 2.87 -0.51
CALPINE_BP_GT1 23823	54.78 3.68 -0.01	53.06 3.42 -0.01	51.10 3.25 -0.01	51.34 3.13 -0.01	52.88 3.27 -0.01	61.52 3.48 -0.01	90.17 5.20 -2.53	97.99 6.39 -0.33	75.95 4.50 -4.24	57.75 3.68 -0.01	52.60 2.93 0.00	46.99 2.32 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.30 2.24 0.00	47.31 3.34 0.00	54.92 3.31 -0.01	69.93 4.39 -0.01	87.45 5.19 -0.01	83.77 4.89 -0.01	72.07 4.14 -1.12	65.46 3.10 -5.99	54.63 2.87 -0.51
CALSPAN___DRP 24200	48.18 -2.91 0.00	46.95 -2.68 0.00	45.49 -2.34 0.00	46.03 -2.17 0.00	47.21 -2.38 0.00	55.07 -2.96 0.00	78.31 -4.12 0.00	87.35 -3.92 0.00	63.65 -3.56 0.00	52.98 -1.08 0.00	49.22 -0.45 0.00	44.22 -0.45 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.22 -0.75 0.00	50.21 -1.39 0.00	63.04 -2.49 0.00	80.04 -2.22 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.58 -0.79 0.00	50.58 -0.67 0.00

CALVERTON___SOLAR 323806	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.49 3.28 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.90 6.43 -2.03	99.39 7.85 -0.26	76.32 5.71 -3.41	58.29 4.22 -0.01	52.70 3.03 0.00	46.50 1.83 0.00	44.44 1.59 0.00	42.46 1.67 0.00	41.29 1.66 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.60 2.99 -0.01	71.24 5.70 -0.01	88.85 6.58 -0.01	85.11 6.23 -0.01	72.72 5.01 -0.90	64.96 3.78 -4.81	55.04 3.38 -0.41
CANDIGU_WT_PWR 323617	49.56 -1.53 0.00	48.24 -1.39 0.00	46.59 -1.24 0.00	47.24 -0.96 0.00	48.55 -1.04 0.00	57.22 -0.81 0.00	81.28 -1.15 0.00	90.00 -1.28 0.00	65.40 -1.81 0.00	53.09 -0.97 0.00	48.87 -0.80 0.00	43.95 -0.72 0.00	42.03 -0.82 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.30 -0.76 0.00	42.91 -1.06 0.00	50.72 -0.88 0.00	64.48 -1.05 0.00	81.27 -0.98 0.00	78.64 -0.24 0.00	65.81 -1.00 0.00	56.37 0.00 0.00	51.25 0.00 0.00
CARR STREET_E_SYR 24060	50.79 -0.30 0.00	49.28 -0.34 0.00	47.45 -0.38 0.00	47.87 -0.34 0.00	49.20 -0.40 0.00	57.74 -0.29 0.00	82.35 -0.08 0.00	91.46 0.18 0.00	67.07 -0.13 0.00	54.01 -0.05 0.00	49.67 0.00 0.00	44.67 0.00 0.00	42.81 -0.04 0.00	40.75 -0.04 0.00	39.59 -0.04 0.00	40.02 -0.04 0.00	43.84 -0.13 0.00	51.55 -0.05 0.00	65.46 -0.07 0.00	82.18 -0.08 0.00	78.87 0.00 0.00	66.55 -0.27 0.00	56.20 -0.17 0.00	51.04 -0.20 0.00
CARTHAGE___PAPER 23857	50.17 -0.92 0.00	48.83 -0.80 0.00	47.21 -0.62 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.91 -0.12 0.00	83.59 1.15 0.00	92.46 1.18 0.00	67.55 0.34 0.00	53.19 -0.87 0.00	48.68 -0.99 0.00	43.51 -1.16 0.00	41.48 -1.37 0.00	39.28 -1.51 0.00	38.20 -1.42 0.00	38.78 -1.28 0.00	42.52 -1.45 0.00	50.72 -0.88 0.00	65.27 -0.26 0.00	82.84 0.58 0.00	79.43 0.56 0.00	67.15 0.34 0.00	56.37 0.00 0.00	51.45 0.21 0.00
CASSADAGA_WT_PWR 323784	49.45 -1.64 0.00	48.34 -1.29 0.00	46.74 -1.10 0.00	47.67 -0.53 0.00	48.80 -0.80 0.00	57.86 -0.17 0.00	81.94 -0.49 0.00	91.27 0.00 0.00	67.01 -0.20 0.00	54.92 0.86 0.00	50.66 0.99 0.00	45.56 0.89 0.00	43.45 0.60 0.00	41.32 0.53 0.00	40.06 0.44 0.00	40.78 0.72 0.00	44.32 0.35 0.00	51.86 0.26 0.00	65.33 -0.20 0.00	82.26 0.00 0.00	80.06 1.18 0.00	66.21 -0.60 0.00	57.22 0.85 0.00	51.91 0.66 0.00
CE_DUNWOOD___DRP 24194	53.95 2.86 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.75 5.48 0.00	70.97 3.76 0.00	57.03 2.97 0.00	52.35 2.68 0.00	47.13 2.46 0.00	45.25 2.40 0.00	43.07 2.28 0.00	41.92 2.30 0.00	42.46 2.40 0.00	46.78 2.81 0.00	54.59 2.99 0.00	69.40 3.87 0.00	86.86 4.61 0.00	83.29 4.42 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.35 2.10 0.00
CE_MILLWOOD___DRP 24193	53.75 2.66 0.00	52.06 2.43 0.00	49.99 2.15 0.00	50.32 2.12 0.00	51.78 2.18 0.00	60.58 2.55 0.00	86.56 4.12 0.00	96.29 5.02 0.00	70.64 3.43 0.00	56.76 2.70 0.00	52.10 2.43 0.00	46.95 2.28 0.00	45.04 2.19 0.00	42.91 2.12 0.00	41.73 2.10 0.00	42.26 2.20 0.00	46.61 2.64 0.00	54.33 2.73 0.00	69.00 3.47 0.00	86.45 4.20 0.00	82.81 3.94 0.00	70.02 3.21 0.00	58.63 2.25 0.00	53.09 1.84 0.00
CE_NYC2_DRP 24202	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.38 4.95 0.00	97.57 6.30 0.00	71.58 4.37 0.00	61.49 3.78 -3.65	62.15 3.43 -9.05	62.20 3.17 -14.36	61.45 3.04 -15.55	61.45 2.94 -17.73	45.43 2.89 -2.91	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.25 4.72 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
CE_NYC_DRP 24195	54.31 3.22 0.00	52.60 2.98 0.00	50.47 2.63 0.00	50.85 2.65 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.63 5.19 0.00	97.66 6.39 0.00	71.64 4.44 0.00	57.68 3.62 0.00	52.95 3.28 0.00	47.71 3.04 0.00	45.76 2.91 0.00	43.60 2.81 0.00	42.40 2.77 0.00	42.94 2.88 0.00	47.31 3.34 0.00	55.26 3.66 0.00	70.12 4.59 0.00	87.77 5.51 0.00	84.16 5.28 0.00	70.96 4.14 0.00	59.31 2.93 0.00	53.71 2.46 0.00
CHAFFEE___LFGE 323603	48.38 -2.71 0.00	47.04 -2.58 0.00	45.40 -2.44 0.00	46.13 -2.07 0.00	47.26 -2.33 0.00	55.83 -2.21 0.00	79.22 -3.22 0.00	88.26 -3.01 0.00	64.72 -2.49 0.00	53.09 -0.97 0.00	49.07 -0.59 0.00	44.14 -0.53 0.00	42.12 -0.73 0.00	40.05 -0.73 0.00	38.83 -0.79 0.00	39.50 -0.56 0.00	42.78 -1.19 0.00	50.42 -1.18 0.00	63.37 -2.16 0.00	79.46 -2.80 0.00	77.53 -1.34 0.00	64.21 -2.61 0.00	55.75 -0.62 0.00	50.74 -0.51 0.00
CHATEAUG_35_KV_LOAD 355732	48.79 -2.30 0.00	47.69 -1.94 0.00	46.50 -1.34 0.00	47.09 -1.11 0.00	48.65 -0.94 0.00	57.22 -0.81 0.00	80.37 -2.06 0.00	88.81 -2.46 0.00	66.07 -1.14 0.00	53.30 -0.76 0.00	48.92 -0.75 0.00	43.95 -0.71 0.00	41.95 -0.90 0.00	39.77 -1.02 0.00	38.56 -1.07 0.00	38.82 -1.24 0.00	42.69 -1.28 0.00	50.46 -1.14 0.00	64.02 -1.51 0.00	81.11 -1.15 0.00	77.92 -0.95 0.00	66.15 -0.67 0.00	56.15 -0.23 0.00	51.09 -0.15 0.00
CHATEAUG_WT_PWR 323614	48.95 -2.14 0.00	47.84 -1.78 0.00	46.59 -1.24 0.00	47.14 -1.06 0.00	48.75 -0.84 0.00	57.27 -0.76 0.00	80.79 -1.65 0.00	89.08 -2.19 0.00	66.13 -1.08 0.00	53.41 -0.65 0.00	49.02 -0.65 0.00	44.00 -0.67 0.00	41.99 -0.86 0.00	39.85 -0.94 0.00	38.64 -0.99 0.00	38.94 -1.12 0.00	42.83 -1.14 0.00	50.57 -1.03 0.00	64.15 -1.38 0.00	81.11 -1.15 0.00	78.01 -0.87 0.00	66.15 -0.67 0.00	56.09 -0.28 0.00	51.09 -0.15 0.00
CHAT_HIGH_FALL_HYD 323578	48.79 -2.30 0.00	47.69 -1.94 0.00	46.50 -1.34 0.00	47.09 -1.11 0.00	48.65 -0.94 0.00	57.22 -0.81 0.00	80.37 -2.06 0.00	88.81 -2.46 0.00	66.07 -1.14 0.00	53.30 -0.76 0.00	48.92 -0.75 0.00	43.95 -0.71 0.00	41.95 -0.90 0.00	39.77 -1.02 0.00	38.56 -1.07 0.00	38.82 -1.24 0.00	42.69 -1.28 0.00	50.46 -1.14 0.00	64.02 -1.51 0.00	81.11 -1.15 0.00	77.92 -0.95 0.00	66.15 -0.67 0.00	56.15 -0.23 0.00	51.09 -0.15 0.00
CHAUTAUQUA___LFGE 323629	49.20 -1.89 0.00	47.99 -1.64 0.00	46.30 -1.53 0.00	47.14 -1.06 0.00	48.26 -1.34 0.00	57.04 -0.99 0.00	80.62 -1.81 0.00	89.63 -1.64 0.00	65.87 -1.34 0.00	54.11 0.05 0.00	50.02 0.35 0.00	45.03 0.36 0.00	42.94 0.09 0.00	40.87 0.08 0.00	39.67 0.04 0.00	40.30 0.24 0.00	43.79 -0.18 0.00	51.19 -0.41 0.00	64.35 -1.18 0.00	80.94 -1.32 0.00	78.87 0.00 0.00	65.28 -1.53 0.00	56.54 0.17 0.00	51.40 0.15 0.00
CHERRYST_13_KV_LD 356241	54.46 3.37 0.00	52.70 3.08 0.00	50.61 2.77 0.00	50.95 2.75 0.00	52.42 2.83 0.00	61.45 3.42 0.00	87.87 5.44 0.00	98.03 6.75 0.00	71.91 4.70 0.00	57.90 3.84 0.00	53.15 3.48 0.00	47.89 3.22 0.00	45.94 3.09 0.00	43.72 2.94 0.00	42.52 2.89 0.00	43.06 3.00 0.00	47.49 3.52 0.00	55.42 3.82 0.00	70.38 4.85 0.00	88.02 5.76 0.00	84.39 5.52 0.00	71.16 4.34 0.00	59.47 3.10 0.00	53.86 2.61 0.00

CHESTROR_138KV_BK263 355645	53.13 2.04 0.00	51.51 1.89 0.00	49.51 1.67 0.00	49.79 1.59 0.00	51.23 1.64 0.00	59.95 1.92 0.00	85.57 3.13 0.00	95.02 3.74 0.00	69.70 2.49 0.00	56.01 1.95 0.00	51.36 1.69 0.00	46.32 1.65 0.00	44.48 1.63 0.00	42.34 1.55 0.00	41.21 1.59 0.00	41.70 1.64 0.00	45.95 1.98 0.00	53.61 2.01 0.00	68.02 2.49 0.00	85.30 3.04 0.00	81.79 2.92 0.00	69.22 2.41 0.00	58.01 1.63 0.00	52.58 1.33 0.00
CH_MIDHUDSON___DRP 24192	53.70 2.61 0.00	52.06 2.43 0.00	50.04 2.20 0.00	50.32 2.12 0.00	51.78 2.18 0.00	60.58 2.55 0.00	86.47 4.04 0.00	96.11 4.84 0.00	70.43 3.23 0.00	56.44 2.38 0.00	51.70 2.04 0.00	46.64 1.97 0.00	44.78 1.93 0.00	42.62 1.84 0.00	41.45 1.82 0.00	41.98 1.92 0.00	46.30 2.33 0.00	54.08 2.48 0.00	68.74 3.21 0.00	86.12 3.87 0.00	82.58 3.71 0.00	69.89 3.07 0.00	58.52 2.14 0.00	52.99 1.74 0.00
CH_MISC_IPPS 23765	53.90 2.81 0.00	52.30 2.68 0.00	50.27 2.44 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.76 2.73 0.00	86.72 4.28 0.00	96.56 5.29 0.00	70.63 3.43 0.00	56.60 2.54 0.00	51.85 2.18 0.00	46.73 2.06 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.43 2.46 0.00	54.28 2.68 0.00	68.93 3.41 0.00	86.70 4.44 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.19 1.95 0.00
CH_RES_BVR_FALLS 23983	50.22 -0.87 0.00	48.88 -0.74 0.00	47.31 -0.53 0.00	47.72 -0.48 0.00	49.20 -0.40 0.00	57.63 -0.40 0.00	81.53 -0.90 0.00	89.91 -1.37 0.00	66.60 -0.61 0.00	53.52 -0.54 0.00	49.12 -0.55 0.00	44.09 -0.58 0.00	42.16 -0.69 0.00	40.09 -0.69 0.00	38.87 -0.75 0.00	39.22 -0.84 0.00	43.00 -0.97 0.00	50.62 -0.98 0.00	64.41 -1.11 0.00	81.11 -1.15 0.00	77.84 -1.03 0.00	66.15 -0.67 0.00	55.98 -0.39 0.00	50.94 -0.31 0.00
CH_RES_NIAGARA 23895	46.70 -4.39 0.00	45.56 -4.07 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.70 -7.58 0.00	61.03 -6.18 0.00	51.09 -2.97 0.00	47.53 -2.14 0.00	42.75 -1.92 0.00	41.05 -1.80 0.00	39.03 -1.75 0.00	37.80 -1.82 0.00	38.34 -1.72 0.00	41.82 -2.15 0.00	48.50 -3.10 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.14 -4.73 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
CH_RES_SYRACUSE 23985	51.09 0.00 0.00	49.63 0.00 0.00	47.79 -0.05 0.00	48.15 -0.05 0.00	49.54 -0.05 0.00	58.09 0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.48 0.27 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.01 0.04 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.75 0.50 0.00	79.35 0.48 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
CLINTON_WT_PWR 323605	48.95 -2.14 0.00	47.84 -1.78 0.00	46.59 -1.24 0.00	47.14 -1.06 0.00	48.75 -0.84 0.00	57.27 -0.76 0.00	80.79 -1.65 0.00	89.08 -2.19 0.00	66.13 -1.08 0.00	53.41 -0.65 0.00	49.02 -0.65 0.00	44.00 -0.67 0.00	41.99 -0.86 0.00	39.85 -0.94 0.00	38.64 -0.99 0.00	38.94 -1.12 0.00	42.83 -1.14 0.00	50.57 -1.03 0.00	64.15 -1.38 0.00	81.11 -1.15 0.00	78.01 -0.87 0.00	66.15 -0.67 0.00	56.09 -0.28 0.00	51.09 -0.15 0.00
CLINTON___LFGE 323618	49.66 -1.43 0.00	48.43 -1.19 0.00	47.26 -0.57 0.00	47.81 -0.39 0.00	49.45 -0.15 0.00	58.21 0.17 0.00	81.86 -0.57 0.00	90.54 -0.73 0.00	67.01 -0.20 0.00	54.28 0.22 0.00	49.82 0.15 0.00	44.71 0.04 0.00	42.59 -0.26 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.50 -0.56 0.00	43.49 -0.48 0.00	51.50 -0.10 0.00	65.07 -0.46 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.81 0.56 0.00
COBBLENY_34_KV_TB1 80064	48.18 -2.91 0.00	46.90 -2.73 0.00	45.40 -2.44 0.00	45.98 -2.22 0.00	47.21 -2.38 0.00	55.24 -2.79 0.00	78.89 -3.54 0.00	88.08 -3.19 0.00	64.12 -3.09 0.00	53.09 -0.97 0.00	49.17 -0.50 0.00	44.13 -0.54 0.00	42.34 -0.51 0.00	40.22 -0.57 0.00	38.87 -0.75 0.00	39.50 -0.56 0.00	43.09 -0.88 0.00	50.41 -1.19 0.00	63.37 -2.16 0.00	80.45 -1.81 0.00	77.53 -1.34 0.00	64.21 -2.61 0.00	55.75 -0.62 0.00	50.74 -0.51 0.00
COFFEEN___115KV_TB3 355620	50.84 -0.26 0.00	49.48 -0.15 0.00	47.79 -0.05 0.00	48.20 0.00 0.00	49.64 0.05 0.00	58.49 0.46 0.00	84.58 2.14 0.00	94.29 3.01 0.00	68.49 1.28 0.00	53.68 -0.38 0.00	49.12 -0.55 0.00	43.87 -0.80 0.00	41.78 -1.07 0.00	39.56 -1.22 0.00	38.44 -1.19 0.00	39.10 -0.96 0.00	42.87 -1.10 0.00	51.29 -0.31 0.00	66.18 0.66 0.00	84.31 2.06 0.00	80.76 1.89 0.00	68.08 1.27 0.00	57.05 0.68 0.00	51.97 0.72 0.00
COLDSPRG_115KV_BK1 355956	49.66 -1.43 0.00	48.44 -1.19 0.00	46.93 -0.91 0.00	47.62 -0.58 0.00	48.85 -0.74 0.00	57.28 -0.75 0.00	81.86 -0.58 0.00	91.55 0.27 0.00	66.60 -0.60 0.00	55.09 1.03 0.00	51.01 1.34 0.00	45.74 1.07 0.00	43.88 1.03 0.00	41.68 0.90 0.00	40.26 0.63 0.00	40.90 0.84 0.00	44.72 0.75 0.00	51.96 0.36 0.00	65.46 -0.07 0.00	83.41 1.15 0.00	80.29 1.42 0.00	66.35 -0.47 0.00	57.28 0.90 0.00	52.02 0.77 0.00
COLONIE_LFGE___ 323577	52.93 1.84 0.00	51.41 1.78 0.00	49.41 1.58 0.00	49.79 1.59 0.00	51.18 1.59 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.38 3.11 0.00	69.16 1.95 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.75 0.90 0.00	41.73 0.94 0.00	40.58 0.95 0.00	41.06 1.00 0.00	45.20 1.23 0.00	52.94 1.34 0.00	67.56 2.03 0.00	84.72 2.47 0.00	81.08 2.21 0.00	68.75 1.94 0.00	57.72 1.35 0.00	52.48 1.23 0.00
COOPERNY_115KV_TB1 80082	52.57 1.48 0.00	50.97 1.34 0.00	49.03 1.20 0.00	49.36 1.16 0.00	50.74 1.14 0.00	59.42 1.39 0.00	84.74 2.31 0.00	94.10 2.83 0.00	69.23 2.02 0.00	55.63 1.57 0.00	51.06 1.39 0.00	46.01 1.34 0.00	44.18 1.33 0.00	42.09 1.31 0.00	40.93 1.31 0.00	41.42 1.36 0.00	45.60 1.63 0.00	53.25 1.65 0.00	67.56 2.03 0.00	84.73 2.47 0.00	81.24 2.37 0.00	68.75 1.94 0.00	57.73 1.35 0.00	52.32 1.08 0.00
COPENHAGEN_WT_PWR 323753	50.48 -0.61 0.00	49.13 -0.50 0.00	47.45 -0.38 0.00	47.87 -0.34 0.00	49.30 -0.30 0.00	58.09 0.06 0.00	83.75 1.31 0.00	92.82 1.55 0.00	67.68 0.47 0.00	53.36 -0.70 0.00	48.82 -0.84 0.00	43.73 -0.94 0.00	41.70 -1.15 0.00	39.52 -1.26 0.00	38.40 -1.23 0.00	39.02 -1.04 0.00	42.74 -1.23 0.00	50.98 -0.62 0.00	65.66 0.13 0.00	83.32 1.07 0.00	79.89 1.02 0.00	67.41 0.60 0.00	56.54 0.17 0.00	51.56 0.31 0.00
CORNELL_____ 23752	52.01 0.92 0.00	50.52 0.89 0.00	48.70 0.86 0.00	49.07 0.87 0.00	50.54 0.94 0.00	59.19 1.16 0.00	84.74 2.31 0.00	94.29 3.01 0.00	68.75 1.55 0.00	55.30 1.24 0.00	50.76 1.09 0.00	45.56 0.89 0.00	43.62 0.77 0.00	41.48 0.69 0.00	40.30 0.67 0.00	40.86 0.80 0.00	44.85 0.88 0.00	52.94 1.34 0.00	67.50 1.97 0.00	85.05 2.80 0.00	81.40 2.52 0.00	68.55 1.74 0.00	57.95 1.58 0.00	52.63 1.38 0.00

CORONA__69_KV_TB1 355595	54.84 3.73 -0.02	53.17 3.52 -0.02	51.10 3.25 -0.02	51.45 3.23 -0.02	52.93 3.32 -0.02	61.88 3.83 -0.02	91.61 5.52 -3.65	98.22 6.48 -0.47	77.95 4.64 -6.11	58.13 4.05 -0.02	53.15 3.48 0.00	47.22 2.55 0.00	45.21 2.36 0.00	43.03 2.24 0.00	41.89 2.26 0.00	42.66 2.60 0.00	47.40 3.43 0.00	55.38 3.77 -0.02	70.13 4.59 -0.02	87.87 5.59 -0.02	84.25 5.36 -0.02	72.83 4.41 -1.61	68.33 3.33 -8.63	54.96 2.97 -0.74
CORTLAND__115KV_TB3 80093	51.65 0.56 0.00	50.12 0.50 0.00	48.31 0.48 0.00	48.68 0.48 0.00	50.09 0.50 0.00	58.73 0.70 0.00	83.92 1.48 0.00	93.28 2.01 0.00	68.08 0.87 0.00	54.87 0.81 0.00	50.41 0.75 0.00	45.29 0.63 0.00	43.41 0.56 0.00	41.28 0.49 0.00	40.10 0.48 0.00	40.58 0.52 0.00	44.50 0.53 0.00	52.43 0.83 0.00	66.71 1.18 0.00	83.99 1.73 0.00	80.45 1.58 0.00	67.82 1.00 0.00	57.28 0.90 0.00	52.02 0.77 0.00
COXSACKIE__GT 23611	53.95 2.86 0.00	52.60 2.98 0.00	50.51 2.68 0.00	50.85 2.65 0.00	52.27 2.68 0.00	60.99 2.96 0.00	86.72 4.28 0.00	95.93 4.65 0.00	69.70 2.49 0.00	55.14 1.08 0.00	50.22 0.55 0.00	45.07 0.40 0.00	43.32 0.47 0.00	41.28 0.49 0.00	40.18 0.55 0.00	40.74 0.68 0.00	44.98 1.01 0.00	53.20 1.60 0.00	68.02 2.49 0.00	85.96 3.71 0.00	82.18 3.31 0.00	69.82 3.01 0.00	58.63 2.26 0.00	53.45 2.20 0.00
CPV_VALLEY__CC1 323721	52.73 1.63 0.00	51.17 1.54 0.00	49.22 1.39 0.00	49.50 1.30 0.00	50.93 1.34 0.00	59.48 1.45 0.00	84.83 2.39 0.00	94.47 3.19 0.00	69.16 1.95 0.00	55.63 1.57 0.00	51.11 1.44 0.00	46.06 1.39 0.00	44.26 1.41 0.00	42.13 1.34 0.00	40.97 1.35 0.00	41.46 1.40 0.00	45.73 1.76 0.00	53.30 1.70 0.00	67.56 2.03 0.00	84.89 2.63 0.00	81.24 2.36 0.00	68.75 1.94 0.00	57.61 1.24 0.00	52.22 0.97 0.00
CPV_VALLEY__CC2 323722	52.73 1.63 0.00	51.17 1.54 0.00	49.22 1.39 0.00	49.50 1.30 0.00	50.93 1.34 0.00	59.48 1.45 0.00	84.83 2.39 0.00	94.47 3.19 0.00	69.16 1.95 0.00	55.63 1.57 0.00	51.11 1.44 0.00	46.06 1.39 0.00	44.26 1.41 0.00	42.13 1.34 0.00	40.97 1.35 0.00	41.46 1.40 0.00	45.73 1.76 0.00	53.30 1.70 0.00	67.56 2.03 0.00	84.89 2.63 0.00	81.24 2.36 0.00	68.75 1.94 0.00	57.61 1.24 0.00	52.22 0.97 0.00
CRESCENT__HYD 24018	52.93 1.84 0.00	51.41 1.78 0.00	49.41 1.58 0.00	49.79 1.59 0.00	51.18 1.59 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.38 3.11 0.00	69.16 1.95 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.75 0.90 0.00	41.73 0.94 0.00	40.58 0.95 0.00	41.06 1.00 0.00	45.20 1.23 0.00	52.94 1.34 0.00	67.56 2.03 0.00	84.72 2.47 0.00	81.08 2.21 0.00	68.75 1.94 0.00	57.72 1.35 0.00	52.48 1.23 0.00
CRICKET__VALLEY_CC1 323756	53.34 2.25 0.00	51.71 2.08 0.00	49.75 1.92 0.00	49.99 1.78 0.00	51.48 1.88 0.00	59.89 1.86 0.00	85.32 2.88 0.00	95.20 3.92 0.00	69.62 2.42 0.00	55.84 1.78 0.00	51.31 1.64 0.00	46.23 1.56 0.00	44.48 1.63 0.00	42.38 1.59 0.00	41.21 1.59 0.00	41.70 1.64 0.00	45.95 1.98 0.00	53.45 1.85 0.00	68.08 2.55 0.00	85.21 2.96 0.00	81.55 2.68 0.00	69.09 2.27 0.00	57.84 1.46 0.00	52.43 1.18 0.00
CRICKET__VALLEY_CC2 323757	53.34 2.25 0.00	51.71 2.08 0.00	49.75 1.92 0.00	49.99 1.78 0.00	51.48 1.88 0.00	59.89 1.86 0.00	85.32 2.88 0.00	95.20 3.92 0.00	69.62 2.42 0.00	55.84 1.78 0.00	51.31 1.64 0.00	46.23 1.56 0.00	44.48 1.63 0.00	42.38 1.59 0.00	41.21 1.59 0.00	41.70 1.64 0.00	45.95 1.98 0.00	53.45 1.85 0.00	68.08 2.55 0.00	85.21 2.96 0.00	81.55 2.68 0.00	69.09 2.27 0.00	57.84 1.46 0.00	52.43 1.18 0.00
CRICKET__VALLEY_CC3 323758	53.34 2.25 0.00	51.71 2.08 0.00	49.75 1.92 0.00	49.99 1.78 0.00	51.48 1.88 0.00	59.89 1.86 0.00	85.32 2.88 0.00	95.20 3.92 0.00	69.62 2.42 0.00	55.84 1.78 0.00	51.31 1.64 0.00	46.23 1.56 0.00	44.48 1.63 0.00	42.38 1.59 0.00	41.21 1.59 0.00	41.70 1.64 0.00	45.95 1.98 0.00	53.45 1.85 0.00	68.08 2.55 0.00	85.21 2.96 0.00	81.55 2.68 0.00	69.09 2.27 0.00	57.84 1.46 0.00	52.43 1.18 0.00
CRUCIBLE_METL_DRP 24180	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
DAHOWA__HYDRO 323763	53.75 2.66 0.00	52.21 2.58 0.00	50.18 2.34 0.00	50.61 2.41 0.00	52.07 2.48 0.00	60.93 2.90 0.00	86.80 4.37 0.00	96.29 5.02 0.00	70.30 3.09 0.00	55.90 1.84 0.00	51.16 1.49 0.00	45.79 1.12 0.00	43.96 1.11 0.00	41.85 1.06 0.00	40.78 1.15 0.00	41.26 1.20 0.00	45.55 1.58 0.00	53.72 2.12 0.00	68.80 3.28 0.00	86.78 4.52 0.00	82.89 4.02 0.00	70.15 3.34 0.00	58.85 2.48 0.00	53.40 2.15 0.00
DANC__LFGE 323619	50.27 -0.82 0.00	48.88 -0.74 0.00	47.17 -0.67 0.00	47.57 -0.63 0.00	48.95 -0.65 0.00	57.63 -0.40 0.00	82.77 0.33 0.00	91.73 0.46 0.00	67.01 -0.20 0.00	53.19 -0.87 0.00	48.78 -0.89 0.00	43.73 -0.94 0.00	41.78 -1.07 0.00	39.69 -1.10 0.00	38.56 -1.07 0.00	39.10 -0.96 0.00	42.83 -1.14 0.00	50.83 -0.77 0.00	65.20 -0.33 0.00	82.42 0.16 0.00	79.03 0.16 0.00	66.68 -0.13 0.00	56.04 -0.34 0.00	50.99 -0.25 0.00
DANSKAMMER__1 23586	53.90 2.81 0.00	52.30 2.68 0.00	50.27 2.44 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.76 2.73 0.00	86.72 4.28 0.00	96.56 5.29 0.00	70.63 3.43 0.00	56.60 2.54 0.00	51.85 2.18 0.00	46.73 2.06 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.43 2.46 0.00	54.28 2.68 0.00	68.93 3.41 0.00	86.70 4.44 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.19 1.95 0.00
DANSKAMMER__2 23589	53.90 2.81 0.00	52.30 2.68 0.00	50.27 2.44 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.76 2.73 0.00	86.72 4.28 0.00	96.56 5.29 0.00	70.63 3.43 0.00	56.60 2.54 0.00	51.85 2.18 0.00	46.73 2.06 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.43 2.46 0.00	54.28 2.68 0.00	68.93 3.41 0.00	86.70 4.44 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.19 1.95 0.00
DANSKAMMER__3 23590	53.90 2.81 0.00	52.30 2.68 0.00	50.27 2.44 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.76 2.73 0.00	86.72 4.28 0.00	96.56 5.29 0.00	70.63 3.43 0.00	56.60 2.54 0.00	51.85 2.18 0.00	46.73 2.06 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.43 2.46 0.00	54.28 2.68 0.00	68.93 3.41 0.00	86.70 4.44 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.19 1.95 0.00

DANSKAMMER___4 23591	53.90 2.81 0.00	52.30 2.68 0.00	50.27 2.44 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.76 2.73 0.00	86.72 4.28 0.00	96.56 5.29 0.00	70.63 3.43 0.00	56.60 2.54 0.00	51.85 2.18 0.00	46.73 2.06 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.43 2.46 0.00	54.28 2.68 0.00	68.93 3.41 0.00	86.70 4.44 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.19 1.95 0.00
DANSKAMMER___DIESEL 23592	53.90 2.81 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.48 5.20 0.00	70.70 3.49 0.00	56.60 2.54 0.00	51.80 2.14 0.00	46.72 2.05 0.00	44.86 2.01 0.00	42.66 1.88 0.00	41.49 1.86 0.00	42.06 2.00 0.00	46.39 2.42 0.00	54.23 2.63 0.00	68.94 3.41 0.00	86.54 4.28 0.00	82.89 4.02 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.20 1.95 0.00
DARBY___SOLAR 323810	53.64 2.55 0.00	52.11 2.48 0.00	50.08 2.25 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.76 2.73 0.00	86.55 4.12 0.00	96.02 4.74 0.00	70.10 2.89 0.00	55.79 1.73 0.00	51.06 1.39 0.00	45.74 1.07 0.00	43.92 1.07 0.00	41.81 1.02 0.00	40.73 1.11 0.00	41.22 1.16 0.00	45.51 1.54 0.00	53.61 2.01 0.00	68.61 3.08 0.00	86.45 4.19 0.00	82.66 3.79 0.00	69.95 3.14 0.00	58.74 2.37 0.00	53.30 2.05 0.00
DASHVILLE___HYD 23610	53.39 2.30 0.00	51.76 2.13 0.00	49.75 1.91 0.00	50.03 1.83 0.00	51.43 1.83 0.00	60.24 2.21 0.00	85.98 3.54 0.00	95.47 4.20 0.00	69.90 2.69 0.00	55.95 1.89 0.00	51.26 1.59 0.00	46.23 1.56 0.00	44.39 1.54 0.00	42.26 1.47 0.00	41.09 1.47 0.00	41.62 1.56 0.00	45.90 1.93 0.00	53.66 2.06 0.00	68.15 2.62 0.00	85.47 3.21 0.00	81.87 3.00 0.00	69.42 2.61 0.00	58.12 1.75 0.00	52.63 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	55.49 4.39 -0.01	53.70 4.07 -0.01	51.62 3.78 -0.01	51.63 3.42 -0.01	53.47 3.87 -0.01	62.62 4.58 -0.01	91.81 7.34 -2.04	100.02 8.49 -0.26	76.87 6.25 -3.41	58.66 4.60 -0.01	53.29 3.63 0.00	46.77 2.10 0.00	44.65 1.80 0.00	42.62 1.84 0.00	41.49 1.86 0.00	42.46 2.40 0.00	47.14 3.17 0.00	54.76 3.15 -0.01	71.37 5.83 -0.01	89.01 6.75 -0.01	85.35 6.47 -0.01	72.86 5.14 -0.90	65.02 3.83 -4.81	55.50 3.84 -0.41
DELAWARE___LFGE 323621	52.62 1.53 0.00	51.07 1.44 0.00	49.17 1.34 0.00	49.55 1.35 0.00	50.93 1.34 0.00	59.71 1.68 0.00	85.15 2.72 0.00	94.56 3.29 0.00	69.16 1.95 0.00	55.57 1.51 0.00	51.06 1.39 0.00	45.92 1.25 0.00	44.14 1.29 0.00	42.01 1.22 0.00	40.82 1.19 0.00	41.26 1.20 0.00	45.29 1.32 0.00	53.20 1.60 0.00	67.56 2.03 0.00	84.89 2.63 0.00	81.32 2.45 0.00	68.82 2.00 0.00	57.95 1.58 0.00	52.58 1.33 0.00
DERFIELD_115KV_TB7 355931	51.35 0.26 0.00	49.87 0.25 0.00	48.07 0.24 0.00	48.44 0.24 0.00	49.79 0.20 0.00	58.32 0.29 0.00	83.01 0.58 0.00	92.00 0.73 0.00	67.61 0.40 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.22 0.16 0.00	44.15 0.18 0.00	51.81 0.21 0.00	65.92 0.39 0.00	82.75 0.49 0.00	79.34 0.47 0.00	67.15 0.33 0.00	56.60 0.23 0.00	51.45 0.20 0.00
DOGLEVILLE___HYD 23807	48.54 -2.55 0.00	47.24 -2.38 0.00	45.64 -2.20 0.00	46.18 -2.02 0.00	47.81 -1.78 0.00	56.35 -1.68 0.00	80.95 -1.48 0.00	90.18 -1.09 0.00	66.07 -1.14 0.00	52.71 -1.35 0.00	48.38 -1.29 0.00	43.47 -1.20 0.00	41.65 -1.20 0.00	39.56 -1.22 0.00	38.36 -1.27 0.00	38.74 -1.32 0.00	42.43 -1.54 0.00	50.10 -1.50 0.00	64.35 -1.18 0.00	81.60 -0.66 0.00	78.48 -0.39 0.00	66.55 -0.27 0.00	55.92 -0.45 0.00	50.89 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	49.00 -2.09 0.00	47.74 -1.89 0.00	46.30 -1.53 0.00	46.90 -1.30 0.00	48.11 -1.49 0.00	56.23 -1.80 0.00	80.13 -2.31 0.00	89.26 -2.01 0.00	64.99 -2.22 0.00	54.01 -0.05 0.00	50.07 0.40 0.00	44.98 0.31 0.00	43.15 0.30 0.00	40.99 0.20 0.00	39.63 0.00 0.00	40.26 0.20 0.00	43.97 0.00 0.00	51.14 -0.46 0.00	64.22 -1.31 0.00	81.68 -0.58 0.00	78.63 -0.24 0.00	65.08 -1.74 0.00	56.43 0.06 0.00	51.35 0.10 0.00
DUNKIRK___1 23563	49.00 -2.09 0.00	47.74 -1.89 0.00	46.30 -1.53 0.00	46.90 -1.30 0.00	48.11 -1.49 0.00	56.23 -1.80 0.00	80.13 -2.31 0.00	89.26 -2.01 0.00	64.99 -2.22 0.00	54.01 -0.05 0.00	50.07 0.40 0.00	44.98 0.31 0.00	43.15 0.30 0.00	40.99 0.20 0.00	39.63 0.00 0.00	40.26 0.20 0.00	43.97 0.00 0.00	51.14 -0.46 0.00	64.22 -1.31 0.00	81.68 -0.58 0.00	78.63 -0.24 0.00	65.08 -1.74 0.00	56.43 0.06 0.00	51.35 0.10 0.00
DUNKIRK___2 23564	49.00 -2.09 0.00	47.74 -1.89 0.00	46.30 -1.53 0.00	46.90 -1.30 0.00	48.11 -1.49 0.00	56.23 -1.80 0.00	80.13 -2.31 0.00	89.26 -2.01 0.00	64.99 -2.22 0.00	54.01 -0.05 0.00	50.07 0.40 0.00	44.98 0.31 0.00	43.15 0.30 0.00	40.99 0.20 0.00	39.63 0.00 0.00	40.26 0.20 0.00	43.97 0.00 0.00	51.14 -0.46 0.00	64.22 -1.31 0.00	81.68 -0.58 0.00	78.63 -0.24 0.00	65.08 -1.74 0.00	56.43 0.06 0.00	51.35 0.10 0.00
DUNKIRK___3 23565	48.69 -2.40 0.00	47.44 -2.18 0.00	45.97 -1.87 0.00	46.56 -1.64 0.00	47.76 -1.83 0.00	55.77 -2.26 0.00	79.47 -2.97 0.00	88.44 -2.83 0.00	64.45 -2.76 0.00	53.57 -0.49 0.00	49.67 0.00 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.35 -0.28 0.00	39.94 -0.12 0.00	43.66 -0.31 0.00	50.72 -0.88 0.00	63.69 -1.83 0.00	80.94 -1.32 0.00	78.00 -0.87 0.00	64.61 -2.20 0.00	56.04 -0.34 0.00	50.99 -0.26 0.00
DUNKIRK___4 23566	48.69 -2.40 0.00	47.44 -2.18 0.00	45.97 -1.87 0.00	46.56 -1.64 0.00	47.76 -1.83 0.00	55.77 -2.26 0.00	79.47 -2.97 0.00	88.44 -2.83 0.00	64.45 -2.76 0.00	53.57 -0.49 0.00	49.67 0.00 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.35 -0.28 0.00	39.94 -0.12 0.00	43.66 -0.31 0.00	50.72 -0.88 0.00	63.69 -1.83 0.00	80.94 -1.32 0.00	78.00 -0.87 0.00	64.61 -2.20 0.00	56.04 -0.34 0.00	50.99 -0.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	54.11 3.01 0.00	52.36 2.73 0.00	50.27 2.44 0.00	50.61 2.41 0.00	52.07 2.48 0.00	60.99 2.96 0.00	87.22 4.78 0.00	97.11 5.84 0.00	71.24 4.03 0.00	57.25 3.19 0.00	52.55 2.88 0.00	47.31 2.64 0.00	45.38 2.53 0.00	43.23 2.45 0.00	42.04 2.42 0.00	42.58 2.52 0.00	46.96 2.99 0.00	54.80 3.20 0.00	69.66 4.13 0.00	87.19 4.94 0.00	83.60 4.73 0.00	70.62 3.81 0.00	59.08 2.71 0.00	53.50 2.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.44 2.35 0.00	51.81 2.18 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.53 1.93 0.00	60.35 2.32 0.00	86.14 3.71 0.00	95.75 4.47 0.00	70.17 2.96 0.00	56.28 2.22 0.00	51.56 1.89 0.00	46.50 1.83 0.00	44.65 1.80 0.00	42.50 1.71 0.00	41.33 1.70 0.00	41.86 1.80 0.00	46.17 2.20 0.00	53.92 2.32 0.00	68.48 2.95 0.00	85.88 3.62 0.00	82.34 3.47 0.00	69.69 2.87 0.00	58.35 1.97 0.00	52.84 1.59 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	54.42 3.32 -0.01	52.71 3.08 -0.01	50.57 2.73 -0.01	50.96 2.75 -0.01	52.38 2.78 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.02 5.75 0.00	71.24 4.03 0.00	57.62 3.57 0.01	52.89 3.23 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.89 2.84 0.01	47.30 3.34 0.01	55.15 3.56 0.01	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.89 4.08 0.00	59.37 2.99 -0.01	53.77 2.51 -0.01
E179THST_13_KV_LOAD 356214	54.62 3.53 -0.01	52.91 3.28 -0.01	50.76 2.92 -0.01	51.10 2.89 -0.01	52.58 2.98 -0.01	61.51 3.48 0.00	87.30 4.86 0.00	97.48 6.21 0.00	71.58 4.37 0.00	57.89 3.84 0.01	53.14 3.48 0.01	47.83 3.17 0.01	45.88 3.04 0.01	43.72 2.94 0.01	42.51 2.89 0.01	43.05 3.00 0.01	47.48 3.52 0.01	55.41 3.82 0.01	70.25 4.72 0.00	87.93 5.68 0.00	84.39 5.52 0.00	71.22 4.41 0.00	59.59 3.21 -0.01	53.97 2.72 -0.01
EAST HAMPTON___GT 23717	55.09 3.99 -0.01	53.36 3.72 -0.01	51.33 3.49 -0.01	51.30 3.09 -0.01	53.22 3.62 -0.01	62.16 4.12 -0.01	91.07 6.60 -2.04	99.57 8.03 -0.26	76.26 5.65 -3.41	58.29 4.22 -0.01	52.60 2.93 0.00	46.59 1.92 0.00	44.48 1.63 0.00	42.42 1.63 0.00	41.09 1.47 0.00	41.62 1.56 0.00	46.61 2.64 0.00	54.09 2.48 -0.01	70.39 4.85 -0.01	88.02 5.76 -0.01	84.25 5.37 -0.01	71.99 4.28 -0.90	64.28 3.10 -4.81	55.04 3.38 -0.41
EAST RIVER___6 23660	54.46 3.37 0.00	52.75 3.13 0.00	50.71 2.87 0.00	51.00 2.79 0.00	52.52 2.93 0.00	61.39 3.36 0.00	87.63 5.20 0.00	98.03 6.75 0.00	71.71 4.50 0.00	57.79 3.73 0.00	53.14 3.48 0.00	47.84 3.17 0.00	45.89 3.04 0.00	43.73 2.94 0.00	42.48 2.85 0.00	43.02 2.96 0.00	47.49 3.52 0.00	55.42 3.82 0.00	70.25 4.72 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.09 4.28 0.00	59.47 3.10 0.00	53.81 2.56 0.00
EAST RIVER___7 23524	54.46 3.37 0.00	52.75 3.13 0.00	50.71 2.87 0.00	51.00 2.79 0.00	52.52 2.93 0.00	61.39 3.36 0.00	87.63 5.20 0.00	98.03 6.75 0.00	71.71 4.50 0.00	57.79 3.73 0.00	53.14 3.48 0.00	47.84 3.17 0.00	45.89 3.04 0.00	43.73 2.94 0.00	42.48 2.85 0.00	43.02 2.96 0.00	47.49 3.52 0.00	55.42 3.82 0.00	70.25 4.72 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.09 4.28 0.00	59.47 3.10 0.00	53.81 2.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.95 2.86 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.75 5.48 0.00	70.97 3.76 0.00	57.03 2.97 0.00	52.35 2.68 0.00	47.13 2.46 0.00	45.25 2.40 0.00	43.07 2.28 0.00	41.92 2.30 0.00	42.46 2.40 0.00	46.78 2.81 0.00	54.59 2.99 0.00	69.40 3.87 0.00	86.86 4.61 0.00	83.29 4.42 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.35 2.10 0.00
EAST_HAMPTON___DIESEL 23722	54.98 3.88 -0.01	53.26 3.62 -0.01	51.24 3.40 -0.01	51.20 2.99 -0.01	53.12 3.52 -0.01	62.04 4.00 -0.01	90.90 6.43 -2.04	99.39 7.85 -0.26	76.13 5.51 -3.41	58.18 4.11 -0.01	52.50 2.83 0.00	46.55 1.88 0.00	44.44 1.59 0.00	42.38 1.59 0.00	41.05 1.42 0.00	41.54 1.48 0.00	46.52 2.55 0.00	53.93 2.32 -0.01	70.19 4.65 -0.01	87.78 5.51 -0.01	84.00 5.12 -0.01	71.79 4.08 -0.90	64.12 2.93 -4.81	54.94 3.28 -0.41
EAST_POINT___SOLAR 323840	55.23 4.14 0.00	53.60 3.97 0.00	51.52 3.68 0.00	52.10 3.90 0.00	53.61 4.02 0.00	63.19 5.16 0.00	90.10 7.67 0.00	98.84 7.57 0.00	71.17 3.96 0.00	55.46 1.40 0.00	50.71 1.04 0.00	45.16 0.49 0.00	43.75 0.90 0.00	41.64 0.86 0.00	40.38 0.75 0.00	40.82 0.76 0.00	45.25 1.28 0.00	55.11 3.51 0.00	71.30 5.77 0.00	90.40 8.15 0.00	86.37 7.50 0.00	72.83 6.02 0.00	61.05 4.68 0.00	55.25 4.00 0.00
EAST_PULASKI___ESR 323781	50.27 -0.82 0.00	48.78 -0.84 0.00	47.02 -0.81 0.00	47.43 -0.77 0.00	48.80 -0.80 0.00	57.34 -0.69 0.00	82.02 -0.41 0.00	91.00 -0.27 0.00	66.54 -0.67 0.00	53.25 -0.81 0.00	48.92 -0.74 0.00	43.91 -0.76 0.00	42.03 -0.82 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.34 -0.72 0.00	43.09 -0.88 0.00	50.88 -0.72 0.00	64.94 -0.59 0.00	81.85 -0.41 0.00	78.48 -0.39 0.00	66.21 -0.60 0.00	55.75 -0.62 0.00	50.69 -0.56 0.00
EAST_RIVER___1 323558	54.36 3.27 0.00	52.65 3.03 0.00	50.66 2.82 0.00	50.95 2.75 0.00	52.47 2.88 0.00	61.28 3.25 0.00	87.46 5.03 0.00	97.85 6.58 0.00	71.57 4.37 0.00	57.68 3.62 0.00	53.05 3.38 0.00	47.75 3.08 0.00	45.80 2.95 0.00	43.64 2.85 0.00	42.40 2.77 0.00	42.94 2.89 0.00	47.40 3.43 0.00	55.32 3.72 0.00	70.11 4.59 0.00	87.93 5.67 0.00	84.16 5.29 0.00	70.96 4.14 0.00	59.36 2.99 0.00	53.76 2.51 0.00
EAST_RIVER___2 323559	54.46 3.37 0.00	52.75 3.13 0.00	50.71 2.87 0.00	51.00 2.79 0.00	52.52 2.93 0.00	61.39 3.36 0.00	87.63 5.20 0.00	98.03 6.75 0.00	71.71 4.50 0.00	57.79 3.73 0.00	53.14 3.48 0.00	47.84 3.17 0.00	45.89 3.04 0.00	43.73 2.94 0.00	42.48 2.85 0.00	43.02 2.96 0.00	47.49 3.52 0.00	55.42 3.82 0.00	70.25 4.72 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.09 4.28 0.00	59.47 3.10 0.00	53.81 2.56 0.00
EAST___DELAWARE_HYD 23607	54.10 3.01 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.20 5.93 0.00	71.24 4.03 0.00	56.87 2.81 0.00	51.91 2.24 0.00	46.77 2.10 0.00	44.95 2.10 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.10 2.04 0.00	46.47 2.50 0.00	54.59 2.99 0.00	69.33 3.80 0.00	87.36 5.10 0.00	83.60 4.73 0.00	70.82 4.01 0.00	59.30 2.93 0.00	53.66 2.41 0.00
EIGHT_POINT___WT_PWR 323820	49.92 -1.17 0.00	48.63 -0.99 0.00	47.02 -0.81 0.00	47.72 -0.48 0.00	49.10 -0.50 0.00	57.97 -0.06 0.00	82.52 0.08 0.00	91.46 0.18 0.00	66.33 -0.88 0.00	53.74 -0.32 0.00	49.32 -0.35 0.00	44.36 -0.31 0.00	42.38 -0.47 0.00	40.26 -0.53 0.00	39.11 -0.52 0.00	39.58 -0.48 0.00	43.22 -0.75 0.00	51.34 -0.26 0.00	65.46 -0.07 0.00	82.59 0.33 0.00	79.89 1.02 0.00	66.88 0.07 0.00	57.22 0.85 0.00	52.02 0.77 0.00
ELBRIDGE_115KV_TB2 80188	50.78 -0.31 0.00	49.33 -0.30 0.00	47.55 -0.29 0.00	47.86 -0.34 0.00	49.30 -0.30 0.00	57.68 -0.35 0.00	82.35 -0.08 0.00	91.55 0.27 0.00	66.94 -0.27 0.00	54.01 -0.05 0.00	49.67 0.00 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.55 -0.08 0.00	40.02 -0.04 0.00	43.84 -0.13 0.00	51.55 -0.05 0.00	65.53 0.00 0.00	82.42 0.16 0.00	78.87 0.00 0.00	66.55 -0.27 0.00	56.26 -0.11 0.00	51.15 -0.10 0.00
ELEC_TRO_TEK 24086	54.53 3.42 -0.02	52.87 3.23 -0.02	50.82 2.97 -0.02	51.16 2.94 -0.02	52.64 3.03 -0.02	61.53 3.48 -0.02	91.23 5.19 -3.60	97.85 6.12 -0.46	77.60 4.37 -6.02	57.86 3.78 -0.02	52.95 3.28 0.00	46.99 2.32 0.00	44.99 2.14 0.00	42.83 2.04 0.00	41.73 2.10 0.00	42.50 2.44 0.00	47.18 3.21 0.00	55.12 3.51 -0.02	69.80 4.26 -0.02	87.29 5.02 -0.02	83.70 4.81 -0.02	72.41 4.01 -1.59	67.92 3.04 -8.51	54.64 2.66 -0.73

ELLENBURG_WT_PWR 323604	48.95 -2.14 0.00	47.84 -1.78 0.00	46.59 -1.24 0.00	47.14 -1.06 0.00	48.75 -0.84 0.00	57.27 -0.76 0.00	80.79 -1.65 0.00	89.08 -2.19 0.00	66.13 -1.08 0.00	53.41 -0.65 0.00	49.02 -0.65 0.00	44.00 -0.67 0.00	41.99 -0.86 0.00	39.85 -0.94 0.00	38.64 -0.99 0.00	38.94 -1.12 0.00	42.83 -1.14 0.00	50.57 -1.03 0.00	64.15 -1.38 0.00	81.11 -1.15 0.00	78.01 -0.87 0.00	66.15 -0.67 0.00	56.09 -0.28 0.00	51.09 -0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.92 -3.17 0.00	46.75 -2.88 0.00	45.30 -2.54 0.00	45.84 -2.36 0.00	46.97 -2.63 0.00	54.78 -3.25 0.00	77.90 -4.53 0.00	86.71 -4.56 0.00	63.18 -4.03 0.00	52.65 -1.41 0.00	48.92 -0.75 0.00	43.95 -0.71 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.83 -0.79 0.00	39.38 -0.68 0.00	42.96 -1.01 0.00	49.95 -1.65 0.00	62.65 -2.88 0.00	79.46 -2.80 0.00	76.58 -2.29 0.00	63.54 -3.27 0.00	55.25 -1.13 0.00	50.38 -0.87 0.00
EMPIRE_CC_1 323656	52.42 1.33 0.00	50.91 1.29 0.00	48.98 1.15 0.00	49.31 1.11 0.00	50.68 1.09 0.00	58.84 0.81 0.00	83.59 1.15 0.00	93.00 1.73 0.00	68.15 0.94 0.00	54.60 0.54 0.00	50.17 0.50 0.00	45.16 0.49 0.00	43.45 0.60 0.00	41.56 0.77 0.00	40.42 0.79 0.00	40.86 0.80 0.00	44.85 0.88 0.00	52.27 0.67 0.00	66.57 1.05 0.00	83.16 0.91 0.00	79.66 0.79 0.00	67.68 0.87 0.00	56.88 0.51 0.00	51.76 0.51 0.00
EMPIRE_CC_2 323658	52.42 1.33 0.00	50.91 1.29 0.00	48.98 1.15 0.00	49.31 1.11 0.00	50.68 1.09 0.00	58.84 0.81 0.00	83.59 1.15 0.00	93.00 1.73 0.00	68.15 0.94 0.00	54.60 0.54 0.00	50.17 0.50 0.00	45.16 0.49 0.00	43.45 0.60 0.00	41.56 0.77 0.00	40.42 0.79 0.00	40.86 0.80 0.00	44.85 0.88 0.00	52.27 0.67 0.00	66.57 1.05 0.00	83.16 0.91 0.00	79.66 0.79 0.00	67.68 0.87 0.00	56.88 0.51 0.00	51.76 0.51 0.00
ENORWICH_115KV_TB1 80156	54.21 3.12 0.00	52.75 3.13 0.00	50.99 3.16 0.00	51.48 3.28 0.00	52.97 3.37 0.00	62.38 4.35 0.00	90.27 7.83 0.00	100.31 9.04 0.00	74.06 6.86 0.00	58.33 4.27 0.00	53.34 3.68 0.00	47.75 3.08 0.00	45.51 2.66 0.00	43.19 2.41 0.00	42.04 2.42 0.00	42.86 2.80 0.00	47.05 3.08 0.00	56.30 4.70 0.00	72.41 6.88 0.00	92.05 9.79 0.00	88.02 9.15 0.00	74.03 7.22 0.00	62.07 5.69 0.00	56.37 5.12 0.00
ERIE_ST__34_KV_TB1-2 80199	48.23 -2.86 0.00	46.95 -2.68 0.00	45.49 -2.34 0.00	46.08 -2.12 0.00	47.21 -2.38 0.00	55.13 -2.90 0.00	78.48 -3.96 0.00	87.80 -3.47 0.00	63.98 -3.23 0.00	53.14 -0.92 0.00	49.37 -0.30 0.00	44.36 -0.31 0.00	42.55 -0.30 0.00	40.46 -0.33 0.00	39.11 -0.52 0.00	39.74 -0.32 0.00	43.40 -0.57 0.00	50.41 -1.19 0.00	63.30 -2.23 0.00	80.45 -1.81 0.00	77.53 -1.34 0.00	64.21 -2.61 0.00	55.70 -0.68 0.00	50.53 -0.72 0.00
ERIE_WT_PWR 323693	48.33 -2.76 0.00	47.10 -2.53 0.00	45.44 -2.39 0.00	46.22 -1.98 0.00	47.26 -2.33 0.00	55.83 -2.21 0.00	78.73 -3.71 0.00	87.53 -3.75 0.00	64.39 -2.82 0.00	52.98 -1.08 0.00	49.02 -0.65 0.00	44.22 -0.45 0.00	42.21 -0.64 0.00	40.18 -0.61 0.00	38.99 -0.64 0.00	39.62 -0.44 0.00	42.96 -1.01 0.00	50.26 -1.34 0.00	63.11 -2.42 0.00	79.13 -3.13 0.00	77.21 -1.66 0.00	63.94 -2.87 0.00	55.64 -0.73 0.00	50.64 -0.61 0.00
ESPRGFLD_115KV_TB1 80157	53.95 2.86 0.00	52.36 2.73 0.00	50.42 2.58 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.63 3.60 0.00	88.29 5.85 0.00	97.66 6.39 0.00	71.17 3.97 0.00	56.55 2.49 0.00	51.85 2.19 0.00	46.46 1.79 0.00	44.65 1.80 0.00	42.46 1.67 0.00	41.25 1.62 0.00	41.74 1.68 0.00	45.95 1.98 0.00	54.64 3.04 0.00	69.92 4.39 0.00	88.26 6.00 0.00	84.39 5.52 0.00	71.22 4.41 0.00	59.81 3.44 0.00	54.17 2.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.96 0.87 0.00	50.47 0.84 0.00	48.65 0.81 0.00	48.97 0.77 0.00	50.44 0.84 0.00	59.13 1.10 0.00	84.66 2.23 0.00	94.10 2.83 0.00	68.62 1.41 0.00	55.20 1.14 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.58 0.73 0.00	41.44 0.65 0.00	40.26 0.63 0.00	40.78 0.72 0.00	44.76 0.79 0.00	52.84 1.24 0.00	67.36 1.83 0.00	84.89 2.63 0.00	81.24 2.37 0.00	68.48 1.67 0.00	57.84 1.47 0.00	52.53 1.28 0.00
ETNA____115KV_TB2 80207	51.96 0.87 0.00	50.47 0.84 0.00	48.65 0.81 0.00	48.97 0.77 0.00	50.44 0.84 0.00	59.13 1.10 0.00	84.66 2.23 0.00	94.10 2.83 0.00	68.62 1.41 0.00	55.20 1.14 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.58 0.73 0.00	41.44 0.65 0.00	40.26 0.63 0.00	40.78 0.72 0.00	44.76 0.79 0.00	52.84 1.24 0.00	67.36 1.83 0.00	84.89 2.63 0.00	81.24 2.37 0.00	68.48 1.67 0.00	57.84 1.47 0.00	52.53 1.28 0.00
EUCLID__115KV_TB2 356179	50.53 -0.56 0.00	49.03 -0.60 0.00	47.26 -0.57 0.00	47.62 -0.58 0.00	49.00 -0.60 0.00	57.33 -0.70 0.00	81.86 -0.58 0.00	90.91 -0.37 0.00	66.60 -0.60 0.00	53.68 -0.38 0.00	49.37 -0.30 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.54 -0.24 0.00	39.35 -0.28 0.00	39.82 -0.24 0.00	43.62 -0.35 0.00	51.24 -0.36 0.00	65.14 -0.39 0.00	81.85 -0.41 0.00	78.40 -0.47 0.00	66.15 -0.67 0.00	55.92 -0.45 0.00	50.79 -0.46 0.00
E_CANADA_CAP_HY 24051	54.57 3.48 0.00	52.95 3.33 0.00	50.94 3.11 0.00	51.43 3.23 0.00	52.92 3.32 0.00	62.32 4.29 0.00	89.03 6.60 0.00	98.21 6.93 0.00	71.31 4.10 0.00	56.17 2.11 0.00	51.41 1.74 0.00	45.92 1.25 0.00	44.26 1.41 0.00	42.09 1.30 0.00	40.93 1.31 0.00	41.42 1.36 0.00	45.77 1.80 0.00	54.80 3.20 0.00	70.45 4.92 0.00	89.17 6.91 0.00	85.26 6.39 0.00	71.89 5.08 0.00	60.32 3.94 0.00	54.58 3.33 0.00
E_CANADA_MHWK_HY 24050	48.54 -2.55 0.00	47.24 -2.38 0.00	45.64 -2.20 0.00	46.18 -2.02 0.00	47.81 -1.78 0.00	56.35 -1.68 0.00	80.95 -1.48 0.00	90.18 -1.09 0.00	66.07 -1.14 0.00	52.71 -1.35 0.00	48.38 -1.29 0.00	43.47 -1.20 0.00	41.65 -1.20 0.00	39.56 -1.22 0.00	38.36 -1.27 0.00	38.74 -1.32 0.00	42.43 -1.54 0.00	50.10 -1.50 0.00	64.35 -1.18 0.00	81.60 -0.66 0.00	78.48 -0.39 0.00	66.55 -0.27 0.00	55.92 -0.45 0.00	50.89 -0.36 0.00
E_FISHKILL__LBMP 23776	53.54 2.45 0.00	51.86 2.23 0.00	49.84 2.01 0.00	50.13 1.93 0.00	51.58 1.98 0.00	60.35 2.32 0.00	86.06 3.63 0.00	95.75 4.47 0.00	70.23 3.02 0.00	56.44 2.38 0.00	51.75 2.09 0.00	46.64 1.97 0.00	44.78 1.93 0.00	42.66 1.88 0.00	41.49 1.86 0.00	42.02 1.96 0.00	46.30 2.33 0.00	54.03 2.43 0.00	68.61 3.08 0.00	85.88 3.62 0.00	82.34 3.47 0.00	69.69 2.87 0.00	58.35 1.97 0.00	52.89 1.64 0.00
FALCON__SEABRD_CC1 323796	49.35 -1.74 0.00	48.24 -1.39 0.00	46.98 -0.86 0.00	47.57 -0.63 0.00	49.20 -0.40 0.00	57.86 -0.17 0.00	81.53 -0.90 0.00	90.00 -1.28 0.00	66.74 -0.47 0.00	53.95 -0.11 0.00	49.57 -0.10 0.00	44.49 -0.18 0.00	42.42 -0.43 0.00	40.26 -0.53 0.00	38.99 -0.64 0.00	39.30 -0.76 0.00	43.26 -0.71 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	82.01 -0.25 0.00	78.87 0.00 0.00	66.88 0.07 0.00	56.77 0.40 0.00	51.71 0.46 0.00

FALCON___SEABRD_CC2 323797	49.35 -1.74 0.00	48.24 -1.39 0.00	46.98 -0.86 0.00	47.57 -0.63 0.00	49.20 -0.40 0.00	57.86 -0.17 0.00	81.53 -0.90 0.00	90.00 -1.28 0.00	66.74 -0.47 0.00	53.95 -0.11 0.00	49.57 -0.10 0.00	44.49 -0.18 0.00	42.42 -0.43 0.00	40.26 -0.53 0.00	38.99 -0.64 0.00	39.30 -0.76 0.00	43.26 -0.71 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	82.01 -0.25 0.00	78.87 0.00 0.00	66.88 0.07 0.00	56.77 0.40 0.00	51.71 0.46 0.00
FAR ROCKAWAY___4 23548	55.50 4.39 -0.01	53.81 4.17 -0.01	51.72 3.87 -0.01	52.07 3.86 -0.01	53.58 3.97 -0.01	62.63 4.58 -0.01	92.49 6.76 -3.30	99.55 7.85 -0.43	78.30 5.58 -5.52	58.83 4.76 -0.01	53.79 4.12 0.00	47.71 3.04 0.00	45.64 2.79 0.00	43.44 2.65 0.00	42.32 2.69 0.00	43.10 3.04 0.00	47.97 4.00 0.00	56.10 4.49 -0.01	71.18 5.64 -0.01	89.18 6.91 -0.01	85.51 6.63 -0.01	73.68 5.41 -1.45	68.34 4.17 -7.79	55.61 3.69 -0.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	54.62 3.53 0.00	52.85 3.23 0.00	50.75 2.92 0.00	51.09 2.89 0.00	52.57 2.98 0.00	61.63 3.60 0.00	88.20 5.77 0.00	98.30 7.03 0.00	72.12 4.91 0.00	58.11 4.05 0.00	53.29 3.63 0.00	48.02 3.35 0.00	46.06 3.21 0.00	43.85 3.06 0.00	42.64 3.01 0.00	43.18 3.12 0.00	47.62 3.65 0.00	55.62 4.02 0.00	70.64 5.11 0.00	88.35 6.09 0.00	84.79 5.92 0.00	71.49 4.68 0.00	59.76 3.38 0.00	54.07 2.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	54.36 3.27 0.00	52.60 2.98 0.00	50.47 2.63 0.00	50.85 2.65 0.00	52.32 2.73 0.00	61.28 3.25 0.00	87.63 5.19 0.00	97.66 6.39 0.00	71.64 4.44 0.00	57.68 3.62 0.00	52.95 3.28 0.00	47.71 3.04 0.00	45.76 2.91 0.00	43.60 2.81 0.00	42.36 2.73 0.00	42.94 2.88 0.00	47.31 3.34 0.00	55.26 3.66 0.00	70.12 4.59 0.00	87.77 5.51 0.00	84.16 5.28 0.00	71.02 4.21 0.00	59.36 2.99 0.00	53.76 2.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	54.31 3.22 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.63 3.57 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.27 3.30 0.00	55.21 3.61 0.00	70.05 4.52 0.00	87.60 5.35 0.00	84.08 5.21 0.00	70.89 4.08 0.00	59.31 2.93 0.00	53.71 2.46 0.00
FARRAGUT___LBMP 323566	54.26 3.17 0.00	52.50 2.88 0.00	50.42 2.58 0.00	50.76 2.55 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.48 6.21 0.00	71.51 4.30 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.62 2.95 0.00	45.68 2.83 0.00	43.52 2.73 0.00	42.32 2.69 0.00	42.86 2.80 0.00	47.27 3.30 0.00	55.16 3.56 0.00	69.99 4.46 0.00	87.60 5.35 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.25 2.88 0.00	53.66 2.41 0.00
FENNER___WINDPWR 24204	52.01 0.92 0.00	50.52 0.89 0.00	48.70 0.86 0.00	49.07 0.87 0.00	50.49 0.89 0.00	59.31 1.28 0.00	84.83 2.39 0.00	94.11 2.83 0.00	68.89 1.68 0.00	55.08 1.02 0.00	50.56 0.89 0.00	45.43 0.76 0.00	43.49 0.64 0.00	41.36 0.57 0.00	40.18 0.55 0.00	40.74 0.68 0.00	44.63 0.66 0.00	52.69 1.09 0.00	67.17 1.64 0.00	84.64 2.39 0.00	81.08 2.21 0.00	68.41 1.60 0.00	57.67 1.30 0.00	52.43 1.18 0.00
FIBERTEK___ENERGY 23856	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
FITZPATRICK____ 23598	49.82 -1.28 0.00	48.39 -1.24 0.00	46.64 -1.19 0.00	47.00 -1.20 0.00	48.36 -1.24 0.00	56.70 -1.33 0.00	80.70 -1.74 0.00	89.54 -1.74 0.00	65.73 -1.48 0.00	52.92 -1.14 0.00	48.62 -1.05 0.00	43.78 -0.89 0.00	41.95 -0.90 0.00	39.93 -0.86 0.00	38.79 -0.83 0.00	39.22 -0.84 0.00	42.96 -1.01 0.00	50.46 -1.14 0.00	64.09 -1.44 0.00	80.45 -1.81 0.00	77.21 -1.66 0.00	65.28 -1.53 0.00	55.13 -1.24 0.00	50.12 -1.13 0.00
FLOWRFLD_69_KV_BK1 356044	55.49 4.39 -0.01	53.70 4.07 -0.01	51.58 3.73 -0.01	51.78 3.57 -0.01	53.47 3.87 -0.01	62.57 4.53 -0.01	91.40 6.92 -2.05	99.57 8.03 -0.26	76.61 5.98 -3.42	58.61 4.54 -0.01	53.39 3.73 0.00	46.95 2.28 0.00	44.86 2.01 0.00	42.79 2.00 0.00	41.73 2.10 0.00	42.70 2.64 0.00	47.58 3.61 0.00	55.48 3.87 -0.01	71.50 5.96 -0.01	88.93 6.66 -0.01	85.35 6.47 -0.01	73.13 5.41 -0.90	65.33 4.12 -4.84	55.30 3.64 -0.41
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.95 2.86 0.00	52.36 2.73 0.00	50.27 2.44 0.00	50.61 2.41 0.00	52.02 2.43 0.00	60.93 2.90 0.00	87.05 4.62 0.00	96.66 5.39 0.00	70.84 3.63 0.00	56.71 2.65 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.10 2.04 0.00	46.43 2.46 0.00	54.33 2.73 0.00	69.07 3.54 0.00	86.70 4.44 0.00	83.05 4.18 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.30 2.05 0.00
FORT ORANGE____ 23900	52.57 1.48 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.02 0.99 0.00	83.67 1.24 0.00	92.92 1.64 0.00	68.02 0.81 0.00	54.55 0.49 0.00	50.11 0.45 0.00	45.07 0.40 0.00	43.28 0.43 0.00	41.32 0.53 0.00	40.18 0.55 0.00	40.66 0.60 0.00	44.72 0.75 0.00	52.32 0.72 0.00	66.51 0.98 0.00	83.41 1.15 0.00	79.82 0.95 0.00	67.75 0.93 0.00	56.99 0.62 0.00	52.12 0.87 0.00
FORT_DRUM_COGEN 23780	50.48 -0.61 0.00	49.13 -0.50 0.00	47.45 -0.38 0.00	47.86 -0.34 0.00	49.30 -0.30 0.00	58.09 0.06 0.00	83.92 1.48 0.00	92.92 1.64 0.00	67.75 0.54 0.00	53.30 -0.76 0.00	48.82 -0.84 0.00	43.69 -0.98 0.00	41.65 -1.20 0.00	39.48 -1.31 0.00	38.36 -1.27 0.00	38.98 -1.08 0.00	42.69 -1.28 0.00	50.98 -0.62 0.00	65.66 0.13 0.00	83.49 1.23 0.00	79.98 1.10 0.00	67.48 0.67 0.00	56.60 0.23 0.00	51.61 0.36 0.00
FOX_HILLS___ESR 323835	59.27 3.73 -4.45	58.42 3.47 -5.32	58.37 3.11 -7.42	58.46 3.08 -7.18	58.42 3.17 -5.65	61.51 3.48 0.00	87.30 4.86 0.00	97.48 6.21 0.00	71.51 4.30 0.00	66.30 3.78 -8.45	70.92 3.38 -17.88	76.01 3.08 -28.25	75.68 2.96 -29.88	77.77 2.86 -34.13	62.86 2.81 -20.42	62.80 2.92 -19.82	76.32 3.47 -28.87	71.58 3.77 -16.21	70.12 4.59 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.29 4.48 0.00	62.78 3.44 -2.97	59.92 2.87 -5.81
FPL FAR_ROCK_GT1 24212	55.55 4.44 -0.01	53.86 4.22 -0.01	51.82 3.97 -0.01	52.17 3.95 -0.01	53.62 4.02 -0.01	62.63 4.58 -0.01	92.33 6.60 -3.30	99.73 8.03 -0.43	78.24 5.51 -5.52	58.83 4.76 -0.01	53.64 3.97 0.00	47.75 3.08 0.00	45.72 2.87 0.00	43.48 2.69 0.00	42.28 2.66 0.00	42.94 2.89 0.00	48.01 4.04 0.00	56.05 4.44 -0.01	71.18 5.64 -0.01	89.35 7.08 -0.01	85.51 6.63 -0.01	73.68 5.41 -1.45	68.34 4.17 -7.79	55.56 3.64 -0.67

FPL FAR_ROCK_GT2 23815	55.55 4.44 -0.01	53.86 4.22 -0.01	51.82 3.97 -0.01	52.17 3.95 -0.01	53.62 4.02 -0.01	62.63 4.58 -0.01	92.33 6.60 -3.30	99.73 8.03 -0.43	78.24 5.51 -5.52	58.83 4.76 -0.01	53.64 3.97 0.00	47.75 3.08 0.00	45.72 2.87 0.00	43.48 2.69 0.00	42.28 2.66 0.00	42.94 2.89 0.00	48.01 4.04 0.00	56.05 4.44 -0.01	71.18 5.64 -0.01	89.35 7.08 -0.01	85.51 6.63 -0.01	73.68 5.41 -1.45	68.34 4.17 -7.79	55.56 3.64 -0.67
FRANKLIN_FALL_HYD 24054	49.30 -1.79 0.00	48.19 -1.44 0.00	46.93 -0.91 0.00	47.48 -0.72 0.00	49.05 -0.55 0.00	57.74 -0.29 0.00	80.87 -1.57 0.00	89.45 -1.83 0.00	66.47 -0.74 0.00	53.74 -0.32 0.00	49.32 -0.35 0.00	44.27 -0.40 0.00	42.16 -0.69 0.00	39.97 -0.82 0.00	38.75 -0.87 0.00	39.06 -1.00 0.00	42.96 -1.01 0.00	50.88 -0.72 0.00	64.28 -1.25 0.00	81.27 -0.99 0.00	78.16 -0.71 0.00	66.48 -0.33 0.00	56.54 0.17 0.00	51.45 0.20 0.00
FREEPORT_EQUS_GT1 23764	54.88 3.78 -0.01	53.21 3.58 -0.01	51.24 3.40 -0.01	51.49 3.28 -0.01	53.03 3.42 -0.01	61.87 3.83 -0.01	90.78 5.61 -2.74	98.47 6.85 -0.35	76.56 4.77 -4.58	58.07 4.00 -0.01	52.89 3.23 0.00	47.12 2.46 0.00	45.12 2.27 0.00	42.95 2.16 0.00	41.76 2.14 0.00	42.46 2.40 0.00	47.44 3.47 0.00	55.28 3.66 -0.01	70.06 4.52 -0.01	87.87 5.60 -0.01	84.09 5.20 -0.01	72.57 4.55 -1.21	66.28 3.44 -6.47	54.83 3.02 -0.55
FREEPORT___CT2 23818	54.88 3.78 -0.01	53.21 3.58 -0.01	51.24 3.40 -0.01	51.49 3.28 -0.01	53.03 3.42 -0.01	61.87 3.83 -0.01	90.78 5.61 -2.74	98.47 6.85 -0.35	76.56 4.77 -4.58	58.07 4.00 -0.01	52.89 3.23 0.00	47.12 2.46 0.00	45.12 2.27 0.00	42.95 2.16 0.00	41.76 2.14 0.00	42.46 2.40 0.00	47.44 3.47 0.00	55.28 3.66 -0.01	70.06 4.52 -0.01	87.87 5.60 -0.01	84.09 5.20 -0.01	72.57 4.55 -1.21	66.28 3.44 -6.47	54.83 3.02 -0.55
FRESHKLS_33_KV_LOAD 356253	59.27 3.73 -4.45	58.42 3.47 -5.32	58.32 3.06 -7.42	58.42 3.04 -7.18	58.37 3.12 -5.65	61.45 3.42 0.00	87.05 4.62 0.00	97.21 5.93 0.00	71.31 4.10 0.00	62.62 3.57 -4.99	62.01 3.18 -9.16	61.99 2.90 -14.42	60.50 2.79 -14.86	60.46 2.65 -17.02	60.42 2.62 -18.18	60.46 2.76 -17.64	62.00 3.30 -14.74	63.38 3.56 -8.22	69.99 4.46 0.00	87.60 5.35 0.01	84.08 5.21 0.00	71.22 4.41 0.00	62.73 3.38 -2.97	59.87 2.82 -5.81
FULTON COGEN____ 23766	50.27 -0.82 0.00	48.78 -0.84 0.00	47.02 -0.81 0.00	47.33 -0.87 0.00	48.75 -0.84 0.00	57.10 -0.93 0.00	81.53 -0.91 0.00	90.54 -0.73 0.00	66.27 -0.94 0.00	53.36 -0.70 0.00	49.07 -0.60 0.00	44.13 -0.54 0.00	42.29 -0.56 0.00	40.22 -0.57 0.00	39.03 -0.59 0.00	39.50 -0.56 0.00	43.31 -0.66 0.00	50.93 -0.67 0.00	64.74 -0.79 0.00	81.52 -0.74 0.00	78.00 -0.87 0.00	65.88 -0.94 0.00	55.58 -0.79 0.00	50.48 -0.77 0.00
FULTON___LFGE 323630	54.72 3.63 0.00	53.10 3.47 0.00	51.04 3.21 0.00	51.52 3.32 0.00	53.06 3.47 0.00	62.38 4.35 0.00	89.11 6.67 0.00	98.40 7.12 0.00	71.45 4.24 0.00	56.33 2.27 0.00	51.60 1.94 0.00	46.06 1.39 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.05 1.42 0.00	41.50 1.44 0.00	45.90 1.93 0.00	54.80 3.20 0.00	70.45 4.92 0.00	89.17 6.91 0.00	85.18 6.31 0.00	71.89 5.08 0.00	60.32 3.94 0.00	54.63 3.38 0.00
G.F.CEMENT___DRP 24184	54.21 3.12 0.00	52.65 3.03 0.00	50.66 2.82 0.00	51.09 2.89 0.00	52.57 2.98 0.00	61.69 3.66 0.00	88.04 5.61 0.00	97.39 6.12 0.00	71.24 4.03 0.00	56.55 2.49 0.00	51.75 2.09 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.13 1.51 0.00	41.58 1.52 0.00	45.95 1.98 0.00	54.28 2.68 0.00	69.59 4.06 0.00	87.85 5.59 0.00	83.92 5.05 0.00	70.89 4.08 0.00	59.53 3.16 0.00	53.96 2.72 0.00
GARDENVILLE___LBMP 24039	48.08 -3.01 0.00	46.90 -2.73 0.00	45.44 -2.39 0.00	45.98 -2.22 0.00	47.11 -2.48 0.00	55.01 -3.02 0.00	78.23 -4.20 0.00	87.07 -4.20 0.00	63.51 -3.70 0.00	52.82 -1.24 0.00	49.07 -0.60 0.00	44.09 -0.58 0.00	42.34 -0.51 0.00	40.26 -0.53 0.00	38.91 -0.71 0.00	39.50 -0.56 0.00	43.13 -0.84 0.00	50.10 -1.50 0.00	62.91 -2.62 0.00	79.87 -2.39 0.00	76.98 -1.89 0.00	63.81 -3.01 0.00	55.47 -0.90 0.00	50.48 -0.77 0.00
GARDNVLA_35_KV_LD 355827	48.23 -2.86 0.00	47.05 -2.58 0.00	45.59 -2.25 0.00	46.13 -2.07 0.00	47.31 -2.28 0.00	55.24 -2.79 0.00	78.56 -3.87 0.00	87.62 -3.65 0.00	63.85 -3.36 0.00	53.14 -0.92 0.00	49.37 -0.30 0.00	44.40 -0.27 0.00	42.64 -0.21 0.00	40.50 -0.29 0.00	39.15 -0.48 0.00	39.74 -0.32 0.00	43.40 -0.57 0.00	50.41 -1.19 0.00	63.30 -2.23 0.00	80.37 -1.89 0.00	77.37 -1.50 0.00	64.14 -2.67 0.00	55.75 -0.62 0.00	50.74 -0.51 0.00
GELCKHM___115KV_LOAD 80723	50.73 -0.36 0.00	49.23 -0.40 0.00	47.45 -0.38 0.00	47.77 -0.43 0.00	49.15 -0.45 0.00	57.57 -0.46 0.00	82.19 -0.25 0.00	91.36 0.09 0.00	66.87 -0.34 0.00	53.90 -0.16 0.00	49.57 -0.10 0.00	44.58 -0.09 0.00	42.76 -0.09 0.00	40.66 -0.12 0.00	39.47 -0.16 0.00	39.94 -0.12 0.00	43.79 -0.18 0.00	51.45 -0.15 0.00	65.40 -0.13 0.00	82.26 0.00 0.00	78.71 -0.16 0.00	66.41 -0.40 0.00	56.15 -0.23 0.00	50.99 -0.26 0.00
GENERAL___MILLS 23808	48.18 -2.91 0.00	46.95 -2.68 0.00	45.49 -2.34 0.00	46.03 -2.17 0.00	47.21 -2.38 0.00	55.07 -2.96 0.00	78.31 -4.12 0.00	87.35 -3.92 0.00	63.65 -3.56 0.00	52.98 -1.08 0.00	49.22 -0.45 0.00	44.22 -0.45 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.22 -0.75 0.00	50.21 -1.39 0.00	63.04 -2.49 0.00	80.04 -2.22 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.58 -0.79 0.00	50.58 -0.67 0.00
GE_PLASTICS___DRP 24183	52.37 1.28 0.00	50.87 1.24 0.00	48.94 1.10 0.00	49.31 1.11 0.00	50.69 1.09 0.00	58.96 0.93 0.00	83.67 1.24 0.00	92.82 1.55 0.00	68.08 0.87 0.00	54.65 0.59 0.00	50.21 0.55 0.00	45.21 0.54 0.00	43.41 0.56 0.00	41.40 0.61 0.00	40.26 0.63 0.00	40.74 0.68 0.00	44.76 0.79 0.00	52.32 0.72 0.00	66.45 0.92 0.00	83.16 0.90 0.00	79.74 0.87 0.00	67.62 0.80 0.00	56.99 0.62 0.00	51.91 0.67 0.00
GILBOA___1 23756	52.27 1.18 0.00	50.72 1.09 0.00	48.84 1.01 0.00	49.11 0.91 0.00	50.53 0.94 0.00	59.02 0.99 0.00	83.59 1.15 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.98 0.92 0.00	50.66 0.99 0.00	45.61 0.94 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.02 0.96 0.00	45.16 1.19 0.00	52.79 1.19 0.00	66.77 1.24 0.00	83.41 1.15 0.00	79.89 1.02 0.00	68.08 1.27 0.00	57.27 0.90 0.00	51.97 0.72 0.00
GILBOA___2 23757	52.27 1.18 0.00	50.72 1.09 0.00	48.84 1.01 0.00	49.11 0.91 0.00	50.53 0.94 0.00	59.02 0.99 0.00	83.59 1.15 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.98 0.92 0.00	50.66 0.99 0.00	45.61 0.94 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.02 0.96 0.00	45.16 1.19 0.00	52.79 1.19 0.00	66.77 1.24 0.00	83.41 1.15 0.00	79.89 1.02 0.00	68.08 1.27 0.00	57.27 0.90 0.00	51.97 0.72 0.00

GILBOA___3 23758	52.27 1.18 0.00	50.72 1.09 0.00	48.84 1.01 0.00	49.11 0.91 0.00	50.53 0.94 0.00	59.02 0.99 0.00	83.59 1.15 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.98 0.92 0.00	50.66 0.99 0.00	45.61 0.94 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.02 0.96 0.00	45.16 1.19 0.00	52.79 1.19 0.00	66.77 1.24 0.00	83.41 1.15 0.00	79.89 1.02 0.00	68.08 1.27 0.00	57.27 0.90 0.00	51.97 0.72 0.00
GILBOA___4 23759	52.27 1.18 0.00	50.72 1.09 0.00	48.84 1.01 0.00	49.11 0.91 0.00	50.53 0.94 0.00	59.02 0.99 0.00	83.59 1.15 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.98 0.92 0.00	50.66 0.99 0.00	45.61 0.94 0.00	44.05 1.20 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.02 0.96 0.00	45.16 1.19 0.00	52.79 1.19 0.00	66.77 1.24 0.00	83.41 1.15 0.00	79.89 1.02 0.00	68.08 1.27 0.00	57.27 0.90 0.00	51.97 0.72 0.00
GILBOA___ 23599	52.32 1.23 0.00	50.77 1.14 0.00	48.84 1.00 0.00	49.16 0.96 0.00	50.59 0.99 0.00	59.13 1.10 0.00	83.75 1.32 0.00	93.01 1.73 0.00	68.22 1.01 0.00	54.98 0.92 0.00	50.66 0.99 0.00	45.61 0.94 0.00	44.01 1.16 0.00	41.93 1.14 0.00	40.78 1.15 0.00	41.02 0.96 0.00	45.11 1.14 0.00	52.79 1.19 0.00	66.77 1.25 0.00	83.33 1.07 0.00	79.90 1.03 0.00	68.08 1.27 0.00	57.28 0.90 0.00	51.97 0.72 0.00
GINNA___ 23603	47.92 -3.17 0.00	46.60 -3.03 0.00	44.92 -2.92 0.00	45.50 -2.70 0.00	46.62 -2.97 0.00	54.84 -3.19 0.00	77.90 -4.53 0.00	86.71 -4.56 0.00	63.45 -3.76 0.00	51.36 -2.70 0.00	47.29 -2.38 0.00	42.57 -2.10 0.00	40.75 -2.10 0.00	38.75 -2.04 0.00	37.65 -1.98 0.00	38.14 -1.92 0.00	41.51 -2.46 0.00	49.18 -2.42 0.00	62.19 -3.34 0.00	78.07 -4.19 0.00	75.32 -3.55 0.00	63.14 -3.67 0.00	53.84 -2.54 0.00	48.94 -2.31 0.00
GLEN PARK___ 23778	50.74 -0.36 0.00	49.33 -0.30 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.50 -0.10 0.00	58.38 0.35 0.00	84.41 1.98 0.00	93.83 2.55 0.00	68.28 1.07 0.00	53.52 -0.54 0.00	48.97 -0.70 0.00	43.78 -0.89 0.00	41.70 -1.15 0.00	39.48 -1.31 0.00	38.40 -1.23 0.00	39.02 -1.04 0.00	42.78 -1.19 0.00	51.13 -0.47 0.00	65.99 0.46 0.00	83.99 1.73 0.00	80.53 1.66 0.00	67.88 1.07 0.00	56.88 0.51 0.00	51.87 0.62 0.00
GLENDALE_27_KV_LOAD 356172	54.73 3.63 -0.01	52.96 3.32 -0.01	50.86 3.01 -0.01	51.20 2.99 -0.01	52.68 3.07 -0.01	61.63 3.60 0.00	87.71 5.28 0.00	98.03 6.75 0.00	71.91 4.70 0.00	61.76 4.05 -3.65	62.41 3.68 -9.06	62.39 3.35 -14.37	61.63 3.21 -15.57	61.63 3.10 -17.74	45.59 3.05 -2.91	46.05 3.16 -2.82	62.35 3.69 -14.69	63.91 4.02 -8.28	70.57 5.05 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.49 4.68 0.00	59.93 3.44 -0.12	54.39 2.92 -0.22
GLENWOOD_IC_1_G5 23712	54.63 3.53 -0.02	52.92 3.28 -0.02	50.86 3.01 -0.02	51.20 2.99 -0.02	52.68 3.07 -0.02	61.64 3.60 -0.02	91.48 5.52 -3.52	98.30 6.57 -0.45	77.75 4.64 -5.90	57.91 3.84 -0.02	53.05 3.38 0.00	47.35 2.68 0.00	45.38 2.53 0.00	43.19 2.41 0.00	42.04 2.42 0.00	42.74 2.68 0.00	47.31 3.34 0.00	55.28 3.66 -0.02	70.20 4.65 -0.02	87.78 5.51 -0.02	84.17 5.28 -0.02	72.71 4.34 -1.55	67.92 3.21 -8.33	54.73 2.77 -0.71
GLENWOOD_IC_2_G1 23688	54.36 3.27 0.00	52.65 3.03 0.00	50.66 2.82 0.00	50.95 2.75 0.00	52.42 2.83 0.00	61.22 3.19 0.00	87.45 4.86 -0.15	97.41 6.12 -0.02	71.63 4.17 -0.25	57.52 3.46 0.00	52.70 3.03 0.00	47.26 2.59 0.00	45.33 2.48 0.00	43.15 2.36 0.00	41.96 2.34 0.00	42.54 2.48 0.00	47.14 3.17 0.00	54.95 3.35 0.00	69.79 4.26 0.00	87.44 5.19 0.00	83.68 4.81 0.00	70.82 3.94 -0.07	59.60 2.87 -0.36	53.74 2.46 -0.03
GLENWOOD_IC_3_G1 23689	54.36 3.27 0.00	52.65 3.03 0.00	50.66 2.82 0.00	50.95 2.75 0.00	52.42 2.83 0.00	61.22 3.19 0.00	87.45 4.86 -0.15	97.41 6.12 -0.02	71.63 4.17 -0.25	57.52 3.46 0.00	52.70 3.03 0.00	47.26 2.59 0.00	45.33 2.48 0.00	43.15 2.36 0.00	41.96 2.34 0.00	42.54 2.48 0.00	47.14 3.17 0.00	54.95 3.35 0.00	69.79 4.26 0.00	87.44 5.19 0.00	83.68 4.81 0.00	70.82 3.94 -0.07	59.60 2.87 -0.36	53.74 2.46 -0.03
GLENWOOD___4 23550	54.63 3.53 -0.02	52.92 3.28 -0.02	50.86 3.01 -0.02	51.20 2.99 -0.02	52.68 3.07 -0.02	61.64 3.60 -0.02	91.48 5.52 -3.52	98.30 6.57 -0.45	77.75 4.64 -5.90	57.91 3.84 -0.02	53.05 3.38 0.00	47.35 2.68 0.00	45.38 2.53 0.00	43.19 2.41 0.00	42.04 2.42 0.00	42.74 2.68 0.00	47.31 3.34 0.00	55.28 3.66 -0.02	70.20 4.65 -0.02	87.78 5.51 -0.02	84.17 5.28 -0.02	72.71 4.34 -1.55	67.92 3.21 -8.33	54.73 2.77 -0.71
GLENWOOD___5 23614	54.63 3.53 -0.02	52.92 3.28 -0.02	50.86 3.01 -0.02	51.20 2.99 -0.02	52.68 3.07 -0.02	61.64 3.60 -0.02	91.48 5.52 -3.52	98.30 6.57 -0.45	77.75 4.64 -5.90	57.91 3.84 -0.02	53.05 3.38 0.00	47.35 2.68 0.00	45.38 2.53 0.00	43.19 2.41 0.00	42.04 2.42 0.00	42.74 2.68 0.00	47.31 3.34 0.00	55.28 3.66 -0.02	70.20 4.65 -0.02	87.78 5.51 -0.02	84.17 5.28 -0.02	72.71 4.34 -1.55	67.92 3.21 -8.33	54.73 2.77 -0.71
GLOBAL GREEN_PORT_GT1 23814	55.49 4.39 -0.01	53.75 4.12 -0.01	51.67 3.83 -0.01	51.63 3.42 -0.01	53.57 3.97 -0.01	62.62 4.58 -0.01	91.64 7.17 -2.04	100.21 8.68 -0.26	76.79 6.18 -3.41	58.61 4.54 -0.01	52.89 3.23 0.00	46.81 2.14 0.00	44.69 1.84 0.00	42.62 1.84 0.00	41.37 1.74 0.00	41.94 1.88 0.00	47.05 3.08 0.00	54.55 2.94 -0.01	71.10 5.57 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.66 4.94 -0.90	64.85 3.66 -4.81	55.40 3.74 -0.41
GLOBE___DSASP 323697	46.54 -4.55 0.00	45.41 -4.22 0.00	44.01 -3.83 0.00	44.49 -3.71 0.00	45.58 -4.02 0.00	53.04 -4.99 0.00	75.18 -7.25 0.00	83.42 -7.85 0.00	60.82 -6.38 0.00	50.92 -3.14 0.00	47.38 -2.28 0.00	42.61 -2.05 0.00	40.92 -1.93 0.00	38.91 -1.88 0.00	37.68 -1.94 0.00	38.22 -1.84 0.00	41.68 -2.29 0.00	48.35 -3.25 0.00	60.55 -4.98 0.00	76.66 -5.59 0.00	73.90 -4.97 0.00	61.40 -5.41 0.00	53.67 -2.71 0.00	48.99 -2.25 0.00
GOETHSLN___LBMP 323567	54.11 3.01 0.00	52.36 2.73 0.00	50.23 2.39 0.00	50.61 2.41 0.00	52.07 2.48 0.00	60.99 2.96 0.00	87.22 4.78 0.00	97.11 5.84 0.00	71.24 4.03 0.00	57.41 3.35 0.00	52.75 3.08 0.00	47.53 2.86 0.00	45.59 2.74 0.00	43.44 2.65 0.00	42.24 2.62 0.00	42.78 2.72 0.00	47.14 3.17 0.00	55.06 3.46 0.00	69.79 4.26 0.00	87.28 5.02 0.00	83.76 4.89 0.00	70.56 3.74 0.00	59.02 2.65 0.00	53.45 2.20 0.00
GOLAH___69_KV_TB 1_2 80279	49.81 -1.28 0.00	48.39 -1.24 0.00	46.83 -1.00 0.00	47.33 -0.87 0.00	48.60 -0.99 0.00	56.87 -1.16 0.00	81.03 -1.40 0.00	90.00 -1.28 0.00	65.46 -1.75 0.00	53.47 -0.59 0.00	49.37 -0.30 0.00	44.36 -0.31 0.00	42.55 -0.30 0.00	40.42 -0.37 0.00	39.27 -0.36 0.00	39.74 -0.32 0.00	43.27 -0.70 0.00	51.03 -0.57 0.00	64.55 -0.98 0.00	81.68 -0.58 0.00	78.56 -0.32 0.00	65.68 -1.14 0.00	56.37 0.00 0.00	51.35 0.10 0.00

GOODYEAR_LAKE_HYD 323669	53.19 2.09 0.00	51.61 1.99 0.00	49.70 1.87 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.53 2.50 0.00	86.56 4.12 0.00	96.11 4.84 0.00	70.23 3.02 0.00	56.17 2.11 0.00	51.61 1.94 0.00	46.37 1.70 0.00	44.52 1.67 0.00	42.34 1.55 0.00	41.13 1.51 0.00	41.62 1.56 0.00	45.68 1.71 0.00	53.92 2.32 0.00	68.61 3.08 0.00	86.37 4.11 0.00	82.66 3.79 0.00	69.89 3.07 0.00	58.74 2.37 0.00	53.30 2.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.14 0.05 0.00	49.68 0.05 0.00	47.88 0.05 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.15 0.12 0.00	82.93 0.49 0.00	92.37 1.10 0.00	67.21 0.00 0.00	54.55 0.49 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.28 0.43 0.00	41.24 0.45 0.00	39.98 0.36 0.00	40.46 0.40 0.00	44.37 0.40 0.00	52.06 0.46 0.00	65.92 0.39 0.00	83.08 0.82 0.00	79.66 0.79 0.00	67.08 0.27 0.00	56.82 0.45 0.00	51.66 0.41 0.00
GOUDEY___7 23579	51.14 0.05 0.00	49.68 0.05 0.00	47.88 0.05 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.15 0.12 0.00	82.93 0.49 0.00	92.37 1.10 0.00	67.21 0.00 0.00	54.55 0.49 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.28 0.43 0.00	41.24 0.45 0.00	39.98 0.36 0.00	40.46 0.40 0.00	44.37 0.40 0.00	52.06 0.46 0.00	65.92 0.39 0.00	83.08 0.82 0.00	79.66 0.79 0.00	67.08 0.27 0.00	56.82 0.45 0.00	51.66 0.41 0.00
GOUDEY___8 23580	51.14 0.05 0.00	49.68 0.05 0.00	47.88 0.05 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.15 0.12 0.00	82.93 0.49 0.00	92.37 1.10 0.00	67.21 0.00 0.00	54.55 0.49 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.28 0.43 0.00	41.24 0.45 0.00	39.98 0.36 0.00	40.46 0.40 0.00	44.37 0.40 0.00	52.06 0.46 0.00	65.92 0.39 0.00	83.08 0.82 0.00	79.66 0.79 0.00	67.08 0.27 0.00	56.82 0.45 0.00	51.66 0.41 0.00
GOWANUS_GT1_1 24077	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_2 24078	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_3 24079	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_4 24080	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_5 24084	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_6 24111	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_7 24112	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT1_8 24113	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT2_1 24114	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_2 24115	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_3 24116	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81

GOWANUS_GT2_4 24117	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_5 24118	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_6 24119	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_7 24120	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT2_8 24121	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_1 24122	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_2 24123	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_3 24124	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_4 24125	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_5 24126	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_6 24127	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_7 24128	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT3_8 24129	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
GOWANUS_GT4_1 24130	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_2 24131	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81

GOWANUS_GT4_3 24132	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_4 24133	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_5 24134	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_6 24135	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_7 24136	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GOWANUS_GT4_8 24137	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GREENBSH_115KV_TB3 55895	52.37 1.28 0.00	50.87 1.24 0.00	48.94 1.10 0.00	49.26 1.06 0.00	50.64 1.04 0.00	58.73 0.70 0.00	83.34 0.91 0.00	92.46 1.19 0.00	67.81 0.60 0.00	54.44 0.38 0.00	50.02 0.35 0.00	45.07 0.40 0.00	43.28 0.43 0.00	41.32 0.53 0.00	40.18 0.55 0.00	40.66 0.60 0.00	44.63 0.66 0.00	52.17 0.57 0.00	66.18 0.66 0.00	82.83 0.58 0.00	79.34 0.47 0.00	67.35 0.53 0.00	56.77 0.39 0.00	51.86 0.61 0.00
GREENEDGE_115KV_TB5 80291	50.94 -0.15 0.00	49.48 -0.15 0.00	47.79 -0.05 0.00	48.20 0.00 0.00	49.64 0.05 0.00	57.80 -0.23 0.00	82.52 0.08 0.00	91.73 0.46 0.00	66.81 -0.40 0.00	54.60 0.54 0.00	50.17 0.50 0.00	45.03 0.36 0.00	43.11 0.26 0.00	40.99 0.20 0.00	39.78 0.16 0.00	40.26 0.20 0.00	44.15 0.18 0.00	52.17 0.57 0.00	65.92 0.39 0.00	82.18 -0.08 0.00	78.63 -0.24 0.00	66.88 0.07 0.00	56.88 0.51 0.00	52.02 0.77 0.00
GREENIDGE___3 23582	50.94 -0.15 0.00	49.48 -0.15 0.00	47.79 -0.05 0.00	48.20 0.00 0.00	49.64 0.05 0.00	57.80 -0.23 0.00	82.52 0.08 0.00	91.73 0.46 0.00	66.81 -0.40 0.00	54.60 0.54 0.00	50.17 0.50 0.00	45.03 0.36 0.00	43.11 0.26 0.00	40.99 0.20 0.00	39.78 0.16 0.00	40.26 0.20 0.00	44.15 0.18 0.00	52.17 0.57 0.00	65.92 0.39 0.00	82.18 -0.08 0.00	78.63 -0.24 0.00	66.88 0.07 0.00	56.88 0.51 0.00	52.02 0.77 0.00
GREENIDGE___4 23583	50.99 -0.10 0.00	49.53 -0.10 0.00	47.79 -0.05 0.00	48.30 0.10 0.00	49.69 0.10 0.00	58.09 0.06 0.00	82.60 0.17 0.00	91.73 0.46 0.00	67.07 -0.13 0.00	54.60 0.54 0.00	50.11 0.45 0.00	45.03 0.36 0.00	43.07 0.22 0.00	40.95 0.16 0.00	39.75 0.12 0.00	40.26 0.20 0.00	44.06 0.09 0.00	52.17 0.57 0.00	65.86 0.33 0.00	81.77 -0.49 0.00	78.64 -0.24 0.00	66.88 0.07 0.00	56.88 0.51 0.00	52.02 0.77 0.00
GREENLWN_69_KV_BK 3 55738	54.98 3.88 -0.01	53.26 3.62 -0.01	51.19 3.35 -0.01	51.54 3.33 -0.01	53.03 3.42 -0.01	61.99 3.95 -0.01	90.54 6.02 -2.08	98.11 6.57 -0.27	75.80 5.11 -3.49	58.23 4.16 -0.01	53.24 3.58 0.00	46.99 2.32 0.00	44.95 2.10 0.00	42.79 2.00 0.00	41.69 2.06 0.00	42.54 2.48 0.00	47.31 3.34 0.00	55.27 3.66 -0.01	70.26 4.72 -0.01	86.30 4.03 -0.01	82.98 4.10 -0.01	71.81 4.08 -0.92	64.68 3.38 -4.92	54.64 2.97 -0.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81
GRISSOM___SOLAR 323813	54.51 3.42 0.00	52.90 3.27 0.00	50.85 3.02 0.00	51.33 3.13 0.00	52.82 3.22 0.00	62.09 4.06 0.00	88.62 6.19 0.00	97.93 6.66 0.00	71.24 4.03 0.00	56.28 2.22 0.00	51.56 1.89 0.00	46.06 1.39 0.00	44.31 1.46 0.00	42.17 1.39 0.00	41.01 1.39 0.00	41.50 1.44 0.00	45.86 1.89 0.00	54.59 2.99 0.00	70.11 4.59 0.00	88.68 6.42 0.00	84.71 5.84 0.00	71.56 4.74 0.00	60.04 3.66 0.00	54.37 3.13 0.00
GROVEVILLE___HYD 323602	53.95 2.86 0.00	52.36 2.73 0.00	50.27 2.44 0.00	50.61 2.41 0.00	52.02 2.43 0.00	60.93 2.90 0.00	87.05 4.62 0.00	96.66 5.39 0.00	70.84 3.63 0.00	56.71 2.65 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.10 2.04 0.00	46.43 2.46 0.00	54.33 2.73 0.00	69.07 3.54 0.00	86.70 4.44 0.00	83.05 4.18 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.30 2.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00

HAMLTNNY_34_KV_TB 80303	51.14 0.05 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.20 0.00 0.00	49.59 0.00 0.00	58.09 0.06 0.00	83.01 0.58 0.00	92.28 1.00 0.00	67.48 0.27 0.00	54.44 0.38 0.00	50.07 0.40 0.00	44.98 0.31 0.00	43.11 0.26 0.00	41.03 0.24 0.00	39.82 0.20 0.00	40.26 0.20 0.00	44.15 0.18 0.00	51.96 0.36 0.00	66.05 0.52 0.00	83.08 0.82 0.00	79.50 0.63 0.00	67.08 0.27 0.00	56.71 0.34 0.00	51.50 0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.43 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.87 -1.57 0.00	89.26 -2.01 0.00	65.87 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.97 -1.88 0.00	38.83 -1.96 0.00	37.73 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.63 -1.90 0.00	80.20 -2.05 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
HARDSCRABBLE_WT_PWR 323673	48.69 -2.40 0.00	47.39 -2.23 0.00	45.78 -2.06 0.00	46.32 -1.88 0.00	47.96 -1.64 0.00	56.52 -1.51 0.00	81.20 -1.23 0.00	90.36 -0.91 0.00	66.27 -0.94 0.00	52.87 -1.19 0.00	48.53 -1.14 0.00	43.64 -1.03 0.00	41.82 -1.03 0.00	39.69 -1.10 0.00	38.48 -1.15 0.00	38.90 -1.16 0.00	42.56 -1.41 0.00	50.26 -1.34 0.00	64.55 -0.98 0.00	81.85 -0.41 0.00	78.71 -0.16 0.00	66.75 -0.07 0.00	56.09 -0.28 0.00	51.04 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.49 2.40 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.53 1.93 0.00	60.35 2.32 0.00	86.23 3.79 0.00	95.84 4.56 0.00	70.23 3.02 0.00	56.38 2.32 0.00	51.66 1.99 0.00	46.59 1.92 0.00	44.74 1.89 0.00	42.58 1.79 0.00	41.45 1.82 0.00	41.98 1.92 0.00	46.26 2.29 0.00	54.03 2.43 0.00	68.54 3.01 0.00	86.04 3.78 0.00	82.50 3.63 0.00	69.75 2.94 0.00	58.40 2.03 0.00	52.89 1.64 0.00
HARSNRAD_115KV_TB1 81005	47.36 -3.73 0.00	46.15 -3.47 0.00	44.77 -3.06 0.00	45.26 -2.94 0.00	46.42 -3.17 0.00	54.08 -3.95 0.00	76.83 -5.61 0.00	85.34 -5.93 0.00	62.10 -5.11 0.00	51.74 -2.32 0.00	48.08 -1.59 0.00	43.24 -1.43 0.00	41.52 -1.33 0.00	39.44 -1.35 0.00	38.20 -1.43 0.00	38.74 -1.32 0.00	42.25 -1.71 0.00	49.17 -2.43 0.00	61.73 -3.80 0.00	78.31 -3.95 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
HARZA MOOSE___RIVER 24016	51.09 0.00 0.00	49.73 0.10 0.00	48.03 0.19 0.00	48.44 0.24 0.00	49.89 0.30 0.00	58.67 0.64 0.00	84.50 2.06 0.00	93.55 2.28 0.00	68.55 1.34 0.00	54.22 0.16 0.00	49.72 0.05 0.00	44.54 -0.13 0.00	42.51 -0.34 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.74 -0.32 0.00	43.57 -0.40 0.00	51.75 0.15 0.00	66.25 0.72 0.00	83.82 1.56 0.00	80.29 1.42 0.00	67.88 1.07 0.00	57.05 0.68 0.00	52.12 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.73 -0.36 0.00	49.23 -0.40 0.00	47.45 -0.38 0.00	47.82 -0.39 0.00	49.20 -0.40 0.00	57.62 -0.41 0.00	82.27 -0.16 0.00	91.46 0.18 0.00	66.94 -0.27 0.00	54.01 -0.05 0.00	49.67 0.00 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.75 -0.04 0.00	39.55 -0.08 0.00	40.02 -0.04 0.00	43.84 -0.13 0.00	51.50 -0.10 0.00	65.46 -0.07 0.00	82.34 0.08 0.00	78.79 -0.08 0.00	66.48 -0.33 0.00	56.20 -0.17 0.00	51.04 -0.20 0.00
HELLGATE_13_KV_LD 55870	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.30 4.86 0.00	97.48 6.21 0.00	71.51 4.30 -3.65	61.49 3.78 -9.05	62.15 3.43 -14.36	62.20 3.17 -15.55	61.45 3.04 -17.73	61.45 2.94 -2.91	45.43 2.89 -2.82	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.25 4.72 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	54.57 3.47 -0.01	52.81 3.18 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.45 3.42 0.00	87.30 4.86 0.00	97.48 6.21 0.00	71.51 4.30 -3.65	61.49 3.78 -9.05	62.15 3.43 -14.36	62.20 3.17 -15.55	61.45 3.04 -17.73	61.45 2.94 -2.91	45.43 2.89 -2.82	45.89 3.00 -2.82	62.16 3.52 -14.67	63.70 3.82 -8.28	70.25 4.72 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.16 4.34 0.00	59.70 3.21 -0.12	54.18 2.72 -0.22
HEMPSTEAD____ 23647	54.53 3.42 -0.01	52.86 3.22 -0.01	50.91 3.06 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.47 3.42 -0.01	90.59 5.11 -3.04	97.96 6.29 -0.39	76.66 4.37 -5.09	57.75 3.68 -0.01	52.70 3.03 0.00	46.99 2.32 0.00	45.03 2.18 0.00	42.83 2.04 0.00	41.69 2.06 0.00	42.34 2.28 0.00	47.22 3.25 0.00	54.97 3.35 -0.01	69.87 4.32 -0.01	87.46 5.19 -0.01	83.78 4.89 -0.01	72.23 4.08 -0.01	66.60 3.04 -7.19	54.53 2.66 -0.62
HEWLETT_69_KV_BK3 55828	55.09 3.99 -0.01	53.41 3.77 -0.01	51.34 3.49 -0.01	51.73 3.52 -0.01	53.18 3.57 -0.01	62.16 4.12 -0.01	91.75 6.02 -3.30	98.73 7.03 -0.43	77.70 4.97 -5.52	58.40 4.32 -0.01	53.44 3.77 0.00	47.39 2.72 0.00	45.38 2.53 0.00	43.15 2.37 0.00	42.04 2.42 0.00	42.82 2.76 0.00	47.62 3.65 0.00	55.69 4.08 -0.01	70.52 4.98 -0.01	88.36 5.84 -0.01	84.72 5.84 -0.01	73.01 4.74 -1.45	67.83 3.66 -7.79	55.14 3.23 -0.67
HICKLING___1 23621	50.63 -0.46 0.00	49.18 -0.45 0.00	47.55 -0.29 0.00	47.96 -0.24 0.00	49.40 -0.20 0.00	57.80 -0.23 0.00	82.60 0.16 0.00	91.73 0.46 0.00	66.60 -0.60 0.00	54.38 0.32 0.00	50.12 0.45 0.00	44.98 0.31 0.00	43.11 0.26 0.00	40.99 0.20 0.00	39.75 0.12 0.00	40.22 0.16 0.00	44.06 0.09 0.00	51.86 0.26 0.00	65.66 0.13 0.00	83.08 0.82 0.00	79.66 0.79 0.00	66.75 -0.07 0.00	56.99 0.62 0.00	51.81 0.56 0.00
HICKLING___2 23622	50.63 -0.46 0.00	49.18 -0.45 0.00	47.55 -0.29 0.00	47.96 -0.24 0.00	49.40 -0.20 0.00	57.80 -0.23 0.00	82.60 0.16 0.00	91.73 0.46 0.00	66.60 -0.60 0.00	54.38 0.32 0.00	50.12 0.45 0.00	44.98 0.31 0.00	43.11 0.26 0.00	40.99 0.20 0.00	39.75 0.12 0.00	40.22 0.16 0.00	44.06 0.09 0.00	51.86 0.26 0.00	65.66 0.13 0.00	83.08 0.82 0.00	79.66 0.79 0.00	66.75 -0.07 0.00	56.99 0.62 0.00	51.81 0.56 0.00
HIGH FALLS___HY 23754	53.80 2.71 0.00	52.16 2.53 0.00	50.08 2.25 0.00	50.42 2.22 0.00	51.83 2.23 0.00	60.82 2.79 0.00	87.05 4.62 0.00	96.66 5.39 0.00	70.84 3.63 0.00	56.65 2.59 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.10 2.04 0.00	46.43 2.46 0.00	54.39 2.79 0.00	69.07 3.54 0.00	86.78 4.52 0.00	83.13 4.26 0.00	70.42 3.61 0.00	58.85 2.48 0.00	53.20 1.95 0.00
HIGH_RIVER___SOLAR 323847	53.39 2.30 0.00	51.81 2.18 0.00	49.84 2.01 0.00	50.27 2.07 0.00	51.73 2.13 0.00	60.58 2.55 0.00	86.31 3.88 0.00	95.28 4.01 0.00	69.42 2.21 0.00	54.98 0.92 0.00	50.31 0.64 0.00	45.07 0.40 0.00	43.45 0.60 0.00	41.36 0.57 0.00	40.26 0.63 0.00	40.78 0.72 0.00	45.07 1.10 0.00	53.51 1.91 0.00	68.48 2.95 0.00	86.21 3.95 0.00	82.50 3.63 0.00	69.82 3.01 0.00	58.63 2.26 0.00	53.19 1.95 0.00

HILLBURN___GT 23639	53.54 2.45 0.00	51.86 2.24 0.00	49.89 2.06 0.00	50.13 1.93 0.00	51.63 2.03 0.00	60.24 2.20 0.00	86.06 3.62 0.00	95.93 4.65 0.00	70.24 3.03 0.00	56.55 2.49 0.00	51.91 2.24 0.00	46.77 2.10 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.47 2.50 0.00	54.13 2.53 0.00	68.61 3.08 0.00	86.21 3.95 0.00	82.42 3.55 0.00	69.68 2.87 0.00	58.35 1.97 0.00	52.84 1.59 0.00
HILLSIDE_115KV_TB1 80332	50.07 -1.02 0.00	48.63 -0.99 0.00	46.97 -0.86 0.00	47.38 -0.82 0.00	48.80 -0.79 0.00	57.04 -0.99 0.00	81.45 -0.99 0.00	90.36 -0.91 0.00	65.80 -1.41 0.00	53.84 -0.22 0.00	49.57 -0.10 0.00	44.54 -0.13 0.00	42.68 -0.17 0.00	40.62 -0.16 0.00	39.39 -0.24 0.00	39.86 -0.20 0.00	43.66 -0.31 0.00	51.24 -0.36 0.00	64.81 -0.72 0.00	81.85 -0.41 0.00	78.48 -0.39 0.00	65.88 -0.94 0.00	56.15 -0.23 0.00	51.09 -0.15 0.00
HISHELDN_WT_PWR 323625	48.28 -2.81 0.00	47.04 -2.58 0.00	45.44 -2.39 0.00	46.18 -2.02 0.00	47.36 -2.23 0.00	55.83 -2.21 0.00	78.89 -3.54 0.00	87.26 -4.01 0.00	63.58 -3.63 0.00	52.01 -2.05 0.00	47.93 -1.74 0.00	43.24 -1.43 0.00	41.31 -1.54 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.66 -1.40 0.00	42.04 -1.93 0.00	49.59 -2.01 0.00	62.84 -2.69 0.00	78.97 -3.29 0.00	76.82 -2.05 0.00	64.07 -2.74 0.00	55.36 -1.01 0.00	50.48 -0.77 0.00
HOLTSVILLE_IC_1 23690	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
HOLTSVILLE_IC_10 23699	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.73 3.52 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.16 6.67 -2.05	99.66 8.12 -0.26	76.48 5.84 -3.43	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.35 6.47 -0.01	72.99 5.28 -0.90	65.22 4.00 -4.84	55.20 3.53 -0.42
HOLTSVILLE_IC_2 23691	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
HOLTSVILLE_IC_3 23692	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
HOLTSVILLE_IC_4 23693	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
HOLTSVILLE_IC_5 23694	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
HOLTSVILLE_IC_6 23695	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.73 3.52 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.16 6.67 -2.05	99.66 8.12 -0.26	76.48 5.84 -3.43	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.35 6.47 -0.01	72.99 5.28 -0.90	65.22 4.00 -4.84	55.20 3.53 -0.42
HOLTSVILLE_IC_7 23696	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.73 3.52 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.16 6.67 -2.05	99.66 8.12 -0.26	76.48 5.84 -3.43	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.35 6.47 -0.01	72.99 5.28 -0.90	65.22 4.00 -4.84	55.20 3.53 -0.42
HOLTSVILLE_IC_8 23697	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.73 3.52 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.16 6.67 -2.05	99.66 8.12 -0.26	76.48 5.84 -3.43	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.35 6.47 -0.01	72.99 5.28 -0.90	65.22 4.00 -4.84	55.20 3.53 -0.42
HOLTSVILLE_IC_9 23698	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.73 3.52 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.16 6.67 -2.05	99.66 8.12 -0.26	76.48 5.84 -3.43	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.35 6.47 -0.01	72.99 5.28 -0.90	65.22 4.00 -4.84	55.20 3.53 -0.42
HOMER_HL_115KV_TB2 355744	48.49 -2.61 0.00	47.14 -2.48 0.00	45.68 -2.15 0.00	46.22 -1.98 0.00	47.46 -2.13 0.00	55.54 -2.50 0.00	79.22 -3.21 0.00	88.35 -2.92 0.00	64.32 -2.89 0.00	53.36 -0.70 0.00	49.42 -0.25 0.00	44.36 -0.31 0.00	42.55 -0.30 0.00	40.42 -0.37 0.00	39.11 -0.52 0.00	39.70 -0.36 0.00	43.40 -0.57 0.00	50.46 -1.14 0.00	63.37 -2.16 0.00	80.61 -1.65 0.00	77.61 -1.26 0.00	64.41 -2.41 0.00	55.58 -0.79 0.00	50.43 -0.82 0.00
HOWARD_WT_PWR 323690	49.92 -1.17 0.00	48.63 -0.99 0.00	47.07 -0.77 0.00	47.77 -0.43 0.00	49.15 -0.45 0.00	58.03 0.00 0.00	82.68 0.25 0.00	91.64 0.37 0.00	66.47 -0.74 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.45 -0.22 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.62 -0.44 0.00	43.26 -0.71 0.00	51.39 -0.21 0.00	65.53 0.00 0.00	82.75 0.50 0.00	79.98 1.10 0.00	66.95 0.13 0.00	57.27 0.90 0.00	52.12 0.87 0.00

HQ_GEN_CEDARS 23644	50.53 -0.56 0.00	49.23 -0.40 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.50 -0.10 0.00	58.03 0.00 0.00	80.95 -1.48 0.00	89.26 -2.01 0.00	66.74 -0.47 0.00	53.79 -0.27 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.42 -0.43 0.00	40.30 -0.49 0.00	39.11 -0.52 0.00	39.46 -0.60 0.00	43.35 -0.62 0.00	51.14 -0.46 0.00	64.68 -0.85 0.00	80.86 -1.40 0.00	77.61 -1.26 0.00	66.55 -0.27 0.00	56.54 0.17 0.00	51.50 0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	50.58 -0.51 0.00	49.23 -0.40 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.50 -0.10 0.00	58.03 0.00 0.00	81.11 -1.32 0.00	89.18 -2.10 0.00	66.74 -0.47 0.00	53.79 -0.27 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.42 -0.43 0.00	40.30 -0.49 0.00	39.11 -0.52 0.00	39.46 -0.60 0.00	43.35 -0.62 0.00	51.13 -0.47 0.00	64.68 -0.85 0.00	80.86 -1.40 0.00	77.91 -1.26 -0.30	66.25 -0.27 0.30	56.54 0.17 0.00	51.51 0.26 0.00
HQ_GEN_IMPORT 323601	50.53 -0.56 0.00	49.13 -0.50 0.00	47.45 -0.38 0.00	47.87 -0.34 0.00	49.30 -0.30 0.00	57.68 -0.35 0.00	81.61 -0.82 0.00	89.72 -1.55 0.00	66.60 -0.61 0.00	53.68 -0.38 0.00	49.27 -0.40 0.00	44.31 -0.36 0.00	42.42 -0.43 0.00	40.38 -0.41 0.00	39.19 -0.44 0.00	39.58 -0.48 0.00	43.44 -0.53 0.00	51.08 -0.52 0.00	64.81 -0.72 0.00	81.35 -0.90 0.00	78.38 -0.79 -0.30	66.05 -0.46 0.30	56.09 -0.28 0.00	51.04 -0.20 0.00
HQ_GEN_WHEEL 23651	50.53 -0.56 0.00	49.13 -0.50 0.00	47.45 -0.38 0.00	47.87 -0.34 0.00	49.30 -0.30 0.00	57.68 -0.35 0.00	81.61 -0.82 0.00	89.72 -1.55 0.00	66.60 -0.61 0.00	53.68 -0.38 0.00	49.27 -0.40 0.00	44.31 -0.36 0.00	42.42 -0.43 0.00	40.38 -0.41 0.00	39.19 -0.44 0.00	39.58 -0.48 0.00	43.44 -0.53 0.00	51.08 -0.52 0.00	64.81 -0.72 0.00	81.35 -0.90 0.00	78.38 -0.79 -0.30	66.05 -0.46 0.30	56.09 -0.28 0.00	51.04 -0.20 0.00
HUDSON AVE_GT_3 23810	54.31 3.22 0.00	52.55 2.93 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.68 3.62 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.21 3.61 0.00	70.12 4.59 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.31 2.93 0.00	53.71 2.46 0.00
HUDSON AVE_GT_4 23540	54.31 3.22 0.00	52.55 2.93 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.68 3.62 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.21 3.61 0.00	70.12 4.59 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.31 2.93 0.00	53.71 2.46 0.00
HUDSON AVE_GT_5 23657	54.31 3.22 0.00	52.55 2.93 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.68 3.62 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.21 3.61 0.00	70.12 4.59 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.31 2.93 0.00	53.71 2.46 0.00
HUDSON_AVE_10 24168	54.11 3.01 0.00	52.36 2.73 0.00	50.27 2.44 0.00	50.61 2.41 0.00	52.07 2.48 0.00	61.05 3.02 0.00	87.30 4.86 0.00	97.30 6.02 0.00	71.38 4.17 0.00	57.47 3.41 0.00	52.75 3.08 0.00	47.53 2.86 0.00	45.55 2.70 0.00	43.40 2.61 0.00	42.20 2.58 0.00	42.78 2.72 0.00	47.14 3.17 0.00	55.06 3.46 0.00	69.92 4.39 0.00	87.44 5.18 0.00	83.92 5.05 0.00	70.76 3.94 0.00	59.14 2.76 0.00	53.50 2.25 0.00
HUDSON___115KV_TB 4 355613	53.13 2.04 0.00	51.71 2.08 0.00	49.70 1.87 0.00	50.08 1.88 0.00	51.48 1.88 0.00	59.89 1.86 0.00	85.07 2.64 0.00	94.19 2.92 0.00	68.75 1.55 0.00	54.82 0.76 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.32 0.47 0.00	41.32 0.53 0.00	40.22 0.59 0.00	40.74 0.68 0.00	44.85 0.88 0.00	52.74 1.14 0.00	67.23 1.70 0.00	84.48 2.22 0.00	80.92 2.05 0.00	68.62 1.80 0.00	57.78 1.41 0.00	52.68 1.43 0.00
HUNTER MOUNT___DRP 323613	53.29 2.20 0.00	51.86 2.23 0.00	49.84 2.01 0.00	50.23 2.02 0.00	51.63 2.03 0.00	60.06 2.03 0.00	85.48 3.05 0.00	94.38 3.10 0.00	68.89 1.68 0.00	54.71 0.65 0.00	50.02 0.35 0.00	44.98 0.31 0.00	43.15 0.30 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.58 0.52 0.00	44.72 0.75 0.00	52.68 1.08 0.00	67.23 1.70 0.00	84.64 2.39 0.00	81.00 2.13 0.00	68.75 1.94 0.00	57.90 1.52 0.00	52.79 1.54 0.00
HUNTINGTON_RES_REC 323705	55.24 4.14 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.68 3.47 -0.01	53.27 3.67 -0.01	62.22 4.18 -0.01	90.75 6.26 -2.06	98.93 7.39 -0.27	76.09 5.44 -3.44	58.34 4.27 -0.01	53.00 3.33 0.00	46.90 2.23 0.00	44.86 2.01 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.34 2.28 0.00	47.44 3.47 0.00	55.22 3.61 -0.01	70.78 5.24 -0.01	87.69 5.43 -0.01	84.08 5.20 -0.01	72.40 4.68 -0.91	64.95 3.72 -4.86	54.90 3.23 -0.42
HUNTLEY___63 23557	47.77 -3.32 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.61 -3.42 0.00	77.49 -4.95 0.00	86.25 -5.02 0.00	62.84 -4.37 0.00	52.38 -1.68 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	42.04 -0.81 0.00	39.93 -0.86 0.00	38.68 -0.95 0.00	39.22 -0.84 0.00	42.78 -1.19 0.00	49.69 -1.91 0.00	62.38 -3.15 0.00	79.21 -3.04 0.00	76.35 -2.52 0.00	63.27 -3.54 0.00	55.13 -1.24 0.00	50.27 -0.97 0.00
HUNTLEY___64 23558	47.77 -3.32 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.61 -3.42 0.00	77.49 -4.95 0.00	86.25 -5.02 0.00	62.84 -4.37 0.00	52.38 -1.68 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	42.04 -0.81 0.00	39.93 -0.86 0.00	38.68 -0.95 0.00	39.22 -0.84 0.00	42.78 -1.19 0.00	49.69 -1.91 0.00	62.38 -3.15 0.00	79.21 -3.04 0.00	76.35 -2.52 0.00	63.27 -3.54 0.00	55.13 -1.24 0.00	50.27 -0.97 0.00
HUNTLEY___65 23559	47.77 -3.32 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.61 -3.42 0.00	77.49 -4.95 0.00	86.25 -5.02 0.00	62.84 -4.37 0.00	52.38 -1.68 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	42.04 -0.81 0.00	39.93 -0.86 0.00	38.68 -0.95 0.00	39.22 -0.84 0.00	42.78 -1.19 0.00	49.69 -1.91 0.00	62.38 -3.15 0.00	79.21 -3.04 0.00	76.35 -2.52 0.00	63.27 -3.54 0.00	55.13 -1.24 0.00	50.27 -0.97 0.00
HUNTLEY___66 23560	47.77 -3.32 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.61 -3.42 0.00	77.49 -4.95 0.00	86.25 -5.02 0.00	62.84 -4.37 0.00	52.38 -1.68 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	42.04 -0.81 0.00	39.93 -0.86 0.00	38.68 -0.95 0.00	39.22 -0.84 0.00	42.78 -1.19 0.00	49.69 -1.91 0.00	62.38 -3.15 0.00	79.21 -3.04 0.00	76.35 -2.52 0.00	63.27 -3.54 0.00	55.13 -1.24 0.00	50.27 -0.97 0.00

HUNTLEY___67 23561	47.62 -3.47 0.00	46.40 -3.23 0.00	44.97 -2.87 0.00	45.45 -2.75 0.00	46.62 -2.98 0.00	54.32 -3.71 0.00	77.16 -5.28 0.00	85.80 -5.48 0.00	62.57 -4.64 0.00	52.17 -1.89 0.00	48.48 -1.19 0.00	43.60 -1.07 0.00	41.86 -0.99 0.00	39.81 -0.98 0.00	38.52 -1.11 0.00	39.06 -1.00 0.00	42.65 -1.32 0.00	49.54 -2.06 0.00	62.12 -3.41 0.00	78.72 -3.54 0.00	75.87 -3.00 0.00	63.01 -3.81 0.00	54.85 -1.52 0.00	50.02 -1.23 0.00
HUNTLEY___68 23562	47.62 -3.47 0.00	46.40 -3.23 0.00	44.97 -2.87 0.00	45.45 -2.75 0.00	46.62 -2.98 0.00	54.32 -3.71 0.00	77.16 -5.28 0.00	85.80 -5.48 0.00	62.57 -4.64 0.00	52.17 -1.89 0.00	48.48 -1.19 0.00	43.60 -1.07 0.00	41.86 -0.99 0.00	39.81 -0.98 0.00	38.52 -1.11 0.00	39.06 -1.00 0.00	42.65 -1.32 0.00	49.54 -2.06 0.00	62.12 -3.41 0.00	78.72 -3.54 0.00	75.87 -3.00 0.00	63.01 -3.81 0.00	54.85 -1.52 0.00	50.02 -1.23 0.00
HYLAND___LFG 323620	51.60 0.51 0.00	50.17 0.55 0.00	48.41 0.58 0.00	49.21 1.01 0.00	50.44 0.84 0.00	59.65 1.62 0.00	84.99 2.56 0.00	94.28 3.01 0.00	67.61 0.41 0.00	54.44 0.38 0.00	49.62 -0.05 0.00	44.54 -0.13 0.00	42.34 -0.51 0.00	40.26 -0.53 0.00	39.23 -0.40 0.00	39.82 -0.24 0.00	43.53 -0.44 0.00	52.32 0.72 0.00	67.10 1.57 0.00	85.38 3.13 0.00	82.81 3.94 0.00	69.02 2.20 0.00	58.91 2.54 0.00	53.35 2.10 0.00
INDECK___CORINTH 23802	54.16 3.07 0.00	52.55 2.93 0.00	50.51 2.68 0.00	51.00 2.79 0.00	52.42 2.83 0.00	61.51 3.48 0.00	87.71 5.28 0.00	97.20 5.93 0.00	71.11 3.90 0.00	56.49 2.43 0.00	51.71 2.04 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.09 1.47 0.00	41.58 1.52 0.00	45.90 1.93 0.00	54.18 2.58 0.00	69.46 3.93 0.00	87.69 5.43 0.00	83.76 4.89 0.00	70.75 3.94 0.00	59.42 3.04 0.00	53.86 2.61 0.00
INDECK___ILION 23567	48.79 -2.30 0.00	47.49 -2.13 0.00	45.87 -1.96 0.00	46.47 -1.74 0.00	48.06 -1.54 0.00	56.70 -1.33 0.00	81.53 -0.91 0.00	90.82 -0.46 0.00	66.60 -0.60 0.00	53.03 -1.03 0.00	48.68 -0.99 0.00	43.73 -0.94 0.00	41.91 -0.94 0.00	39.77 -1.02 0.00	38.56 -1.07 0.00	38.98 -1.08 0.00	42.65 -1.32 0.00	50.46 -1.14 0.00	64.81 -0.72 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	66.95 0.13 0.00	56.26 -0.11 0.00	51.20 -0.05 0.00
INDECK___OLEAN 23982	48.64 -2.45 0.00	47.29 -2.33 0.00	45.64 -2.20 0.00	46.37 -1.83 0.00	47.51 -2.08 0.00	56.12 -1.91 0.00	79.55 -2.89 0.00	88.54 -2.74 0.00	64.99 -2.22 0.00	53.36 -0.70 0.00	49.27 -0.40 0.00	44.36 -0.31 0.00	42.34 -0.51 0.00	40.30 -0.49 0.00	39.07 -0.55 0.00	39.70 -0.36 0.00	43.18 -0.79 0.00	50.46 -1.14 0.00	63.37 -2.16 0.00	79.87 -2.39 0.00	77.61 -1.26 0.00	64.41 -2.40 0.00	55.58 -0.79 0.00	50.43 -0.82 0.00
INDECK___OSWEGO 23783	50.12 -0.97 0.00	48.68 -0.94 0.00	46.88 -0.96 0.00	47.24 -0.96 0.00	48.60 -0.99 0.00	56.99 -1.04 0.00	81.28 -1.15 0.00	90.27 -1.00 0.00	66.13 -1.08 0.00	53.19 -0.87 0.00	48.87 -0.80 0.00	43.95 -0.72 0.00	42.12 -0.73 0.00	40.05 -0.73 0.00	38.91 -0.71 0.00	39.38 -0.68 0.00	43.13 -0.84 0.00	50.72 -0.88 0.00	64.55 -0.98 0.00	81.11 -1.15 0.00	77.77 -1.10 0.00	65.68 -1.14 0.00	55.41 -0.96 0.00	50.38 -0.87 0.00
INDECK___YERKES 23781	47.97 -3.12 0.00	46.80 -2.83 0.00	45.16 -2.68 0.00	45.94 -2.26 0.00	46.87 -2.73 0.00	55.36 -2.67 0.00	77.90 -4.53 0.00	86.52 -4.75 0.00	63.58 -3.63 0.00	52.44 -1.62 0.00	48.53 -1.14 0.00	43.82 -0.85 0.00	41.82 -1.03 0.00	39.81 -0.98 0.00	38.64 -0.99 0.00	39.26 -0.80 0.00	42.47 -1.50 0.00	49.74 -1.86 0.00	62.45 -3.08 0.00	78.23 -4.03 0.00	76.43 -2.45 0.00	63.34 -3.48 0.00	55.19 -1.19 0.00	50.33 -0.92 0.00
INDIAN POINT_GT_1 24139	53.59 2.50 0.00	51.91 2.28 0.00	49.84 2.01 0.00	50.18 1.98 0.00	51.58 1.98 0.00	60.41 2.38 0.00	86.31 3.87 0.00	95.93 4.65 0.00	70.37 3.16 0.00	56.60 2.54 0.00	51.90 2.24 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.79 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.13 2.53 0.00	68.74 3.21 0.00	86.12 3.87 0.00	82.58 3.71 0.00	69.82 3.01 0.00	58.40 2.03 0.00	52.94 1.69 0.00
INDIAN POINT_GT_2 23659	53.59 2.50 0.00	51.91 2.28 0.00	49.84 2.01 0.00	50.18 1.98 0.00	51.58 1.98 0.00	60.41 2.38 0.00	86.31 3.87 0.00	95.93 4.65 0.00	70.37 3.16 0.00	56.60 2.54 0.00	51.90 2.24 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.79 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.13 2.53 0.00	68.74 3.21 0.00	86.12 3.87 0.00	82.58 3.71 0.00	69.82 3.01 0.00	58.40 2.03 0.00	52.94 1.69 0.00
INDIAN POINT_GT_3 24019	53.59 2.50 0.00	51.91 2.28 0.00	49.84 2.01 0.00	50.18 1.98 0.00	51.58 1.98 0.00	60.41 2.38 0.00	86.31 3.87 0.00	95.93 4.65 0.00	70.37 3.16 0.00	56.60 2.54 0.00	51.90 2.24 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.79 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.13 2.53 0.00	68.74 3.21 0.00	86.12 3.87 0.00	82.58 3.71 0.00	69.82 3.01 0.00	58.40 2.03 0.00	52.94 1.69 0.00
INDIAN POINT___2 23530	53.39 2.30 0.00	51.76 2.13 0.00	49.80 1.96 0.00	50.03 1.83 0.00	51.48 1.88 0.00	60.12 2.09 0.00	85.82 3.38 0.00	95.65 4.38 0.00	70.03 2.82 0.00	56.38 2.32 0.00	51.80 2.13 0.00	46.68 2.01 0.00	44.82 1.97 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.02 1.96 0.00	46.34 2.37 0.00	53.97 2.37 0.00	68.41 2.88 0.00	85.87 3.62 0.00	82.18 3.31 0.00	69.55 2.74 0.00	58.23 1.86 0.00	52.74 1.49 0.00
INDIAN POINT___3 23531	53.59 2.50 0.00	51.96 2.33 0.00	49.89 2.06 0.00	50.23 2.02 0.00	51.63 2.03 0.00	60.47 2.44 0.00	86.31 3.87 0.00	96.02 4.75 0.00	70.43 3.23 0.00	56.65 2.59 0.00	51.95 2.28 0.00	46.86 2.19 0.00	44.95 2.10 0.00	42.83 2.04 0.00	41.69 2.06 0.00	42.18 2.12 0.00	46.52 2.55 0.00	54.18 2.58 0.00	68.81 3.28 0.00	86.21 3.95 0.00	82.66 3.79 0.00	69.89 3.07 0.00	58.46 2.09 0.00	52.99 1.74 0.00
INGHAM_C_115KV_TB7 356103	48.54 -2.55 0.00	47.24 -2.38 0.00	45.63 -2.20 0.00	46.18 -2.02 0.00	47.81 -1.79 0.00	56.41 -1.62 0.00	81.03 -1.40 0.00	90.18 -1.10 0.00	66.13 -1.08 0.00	52.71 -1.35 0.00	48.38 -1.29 0.00	43.46 -1.21 0.00	41.65 -1.20 0.00	39.52 -1.26 0.00	38.36 -1.27 0.00	38.74 -1.32 0.00	42.39 -1.58 0.00	50.10 -1.50 0.00	64.35 -1.18 0.00	81.60 -0.66 0.00	78.48 -0.39 0.00	66.55 -0.27 0.00	55.92 -0.45 0.00	50.89 -0.36 0.00
IP CORINTH___1 23988	54.11 3.01 0.00	52.55 2.93 0.00	50.51 2.68 0.00	51.00 2.80 0.00	52.47 2.88 0.00	61.51 3.48 0.00	87.79 5.36 0.00	97.21 5.93 0.00	71.11 3.90 0.00	56.49 2.43 0.00	51.70 2.04 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.09 1.47 0.00	41.58 1.52 0.00	45.90 1.93 0.00	54.18 2.58 0.00	69.46 3.93 0.00	87.69 5.43 0.00	83.76 4.89 0.00	70.76 3.94 0.00	59.42 3.04 0.00	53.86 2.61 0.00

IP___TICONDEROGA 23804	55.79 4.70 0.00	54.24 4.62 0.00	52.09 4.26 0.00	52.68 4.48 0.00	54.21 4.61 0.00	63.83 5.80 0.00	91.25 8.82 0.00	100.77 9.49 0.00	73.39 6.18 0.00	57.90 3.84 0.00	52.90 3.23 0.00	47.08 2.41 0.00	45.08 2.23 0.00	42.83 2.04 0.00	41.81 2.18 0.00	42.26 2.20 0.00	46.78 2.81 0.00	55.62 4.02 0.00	71.69 6.16 0.00	91.06 8.80 0.00	86.92 8.04 0.00	73.23 6.41 0.00	61.39 5.02 0.00	55.60 4.36 0.00
ISLIP_RES_REC 323679	55.65 4.55 -0.01	53.90 4.27 -0.01	51.86 4.02 -0.01	51.92 3.71 -0.01	53.72 4.11 -0.01	62.74 4.70 -0.01	91.66 7.17 -2.06	100.12 8.58 -0.27	76.83 6.18 -3.44	58.72 4.65 -0.01	53.25 3.58 0.00	47.04 2.37 0.00	44.95 2.10 0.00	42.87 2.08 0.00	41.69 2.06 0.00	42.50 2.44 0.00	47.70 3.74 0.00	55.43 3.82 -0.01	71.77 6.23 -0.01	89.67 7.41 -0.01	85.82 6.94 -0.01	73.40 5.68 -0.91	65.52 4.28 -4.86	55.40 3.74 -0.42
JAMAICA__27_KV_LOAD 355505	53.95 2.86 0.00	52.11 2.48 0.00	50.04 2.20 0.00	50.42 2.22 0.00	51.88 2.28 0.00	60.82 2.79 0.00	87.13 4.70 0.00	97.11 5.84 0.00	71.24 4.03 0.00	57.30 3.24 0.00	52.55 2.88 0.00	47.35 2.68 0.00	45.42 2.57 0.00	43.23 2.45 0.00	42.04 2.42 0.00	42.62 2.56 0.00	47.05 3.08 0.00	54.95 3.35 0.00	69.79 4.26 0.00	87.44 5.18 0.00	83.84 4.97 0.00	70.69 3.88 0.00	59.02 2.65 0.00	53.35 2.10 0.00
JANIS___SOLAR 323808	53.14 2.05 0.00	51.61 1.99 0.00	49.80 1.96 0.00	50.27 2.07 0.00	51.73 2.13 0.00	60.93 2.90 0.00	87.55 5.11 0.00	97.20 5.93 0.00	71.11 3.90 0.00	56.38 2.32 0.00	51.51 1.84 0.00	46.14 1.47 0.00	44.01 1.16 0.00	41.81 1.02 0.00	40.70 1.07 0.00	41.42 1.36 0.00	45.51 1.54 0.00	54.33 2.73 0.00	69.73 4.20 0.00	88.26 6.00 0.00	84.55 5.68 0.00	71.15 4.34 0.00	59.93 3.55 0.00	54.37 3.13 0.00
JARVIS____ 23743	51.35 0.26 0.00	49.88 0.25 0.00	48.08 0.24 0.00	48.39 0.19 0.00	49.79 0.20 0.00	58.26 0.23 0.00	82.93 0.50 0.00	92.00 0.73 0.00	67.61 0.41 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.22 0.16 0.00	44.15 0.18 0.00	51.81 0.21 0.00	65.92 0.40 0.00	82.75 0.50 0.00	79.35 0.48 0.00	67.15 0.34 0.00	56.60 0.23 0.00	51.45 0.21 0.00
JENNISON___1 23625	53.29 2.20 0.00	51.81 2.18 0.00	49.99 2.15 0.00	50.42 2.22 0.00	51.88 2.28 0.00	60.93 2.90 0.00	87.71 5.28 0.00	97.48 6.21 0.00	73.06 5.85 0.00	57.84 3.78 0.00	53.00 3.33 0.00	47.57 2.90 0.00	45.46 2.61 0.00	43.19 2.41 0.00	42.00 2.38 0.00	42.70 2.64 0.00	46.87 2.90 0.00	55.68 4.08 0.00	71.23 5.70 0.00	90.24 7.98 0.00	86.29 7.41 0.00	72.69 5.88 0.00	60.94 4.57 0.00	55.35 4.10 0.00
JENNISON___2 23626	53.29 2.20 0.00	51.81 2.18 0.00	49.99 2.15 0.00	50.42 2.22 0.00	51.88 2.28 0.00	60.93 2.90 0.00	87.71 5.28 0.00	97.48 6.21 0.00	73.06 5.85 0.00	57.84 3.78 0.00	53.00 3.33 0.00	47.57 2.90 0.00	45.46 2.61 0.00	43.19 2.41 0.00	42.00 2.38 0.00	42.70 2.64 0.00	46.87 2.90 0.00	55.68 4.08 0.00	71.23 5.70 0.00	90.24 7.98 0.00	86.29 7.41 0.00	72.69 5.88 0.00	60.94 4.57 0.00	55.35 4.10 0.00
JERICHO_RISE_WT_PWR 323719	48.84 -2.25 0.00	47.69 -1.94 0.00	46.50 -1.34 0.00	47.04 -1.16 0.00	48.65 -0.94 0.00	57.22 -0.81 0.00	80.62 -1.81 0.00	88.81 -2.46 0.00	66.00 -1.21 0.00	53.30 -0.76 0.00	48.92 -0.74 0.00	43.95 -0.72 0.00	41.95 -0.90 0.00	39.81 -0.98 0.00	38.56 -1.07 0.00	38.82 -1.24 0.00	42.69 -1.28 0.00	50.46 -1.14 0.00	64.02 -1.50 0.00	80.94 -1.32 0.00	77.77 -1.10 0.00	66.01 -0.80 0.00	55.98 -0.39 0.00	50.99 -0.25 0.00
KATONAH___115KV_46KV_TB4 355592	54.05 2.96 0.00	52.36 2.73 0.00	50.32 2.49 0.00	50.61 2.41 0.00	52.07 2.48 0.00	61.05 3.02 0.00	87.22 4.78 0.00	97.02 5.75 0.00	71.17 3.97 0.00	57.09 3.03 0.00	52.35 2.68 0.00	47.13 2.46 0.00	45.21 2.36 0.00	42.99 2.20 0.00	41.81 2.18 0.00	42.34 2.28 0.00	46.74 2.77 0.00	54.49 2.89 0.00	69.33 3.80 0.00	86.95 4.69 0.00	83.29 4.42 0.00	70.49 3.67 0.00	58.97 2.59 0.00	53.40 2.15 0.00
KCE_NY_1 323755	53.75 2.66 0.00	52.16 2.53 0.00	50.18 2.34 0.00	50.56 2.36 0.00	52.02 2.43 0.00	60.87 2.84 0.00	86.64 4.20 0.00	96.11 4.83 0.00	70.30 3.09 0.00	56.00 1.94 0.00	51.36 1.69 0.00	45.97 1.30 0.00	44.13 1.28 0.00	42.01 1.22 0.00	40.93 1.31 0.00	41.38 1.32 0.00	45.68 1.71 0.00	53.77 2.17 0.00	68.74 3.21 0.00	86.53 4.27 0.00	82.74 3.86 0.00	70.02 3.21 0.00	58.85 2.48 0.00	53.40 2.15 0.00
KCE_NY_6_ESR 323823	48.33 -2.76 0.00	47.10 -2.53 0.00	45.44 -2.39 0.00	46.22 -1.98 0.00	47.26 -2.33 0.00	55.83 -2.21 0.00	78.73 -3.71 0.00	87.53 -3.75 0.00	64.39 -2.82 0.00	52.98 -1.08 0.00	49.02 -0.65 0.00	44.22 -0.45 0.00	42.21 -0.64 0.00	40.18 -0.61 0.00	38.99 -0.64 0.00	39.62 -0.44 0.00	42.96 -1.01 0.00	50.26 -1.34 0.00	63.11 -2.42 0.00	79.13 -3.13 0.00	77.21 -1.66 0.00	63.94 -2.87 0.00	55.64 -0.73 0.00	50.64 -0.61 0.00
KEDC_PORT_JEFF_GT2 24210	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.78 3.57 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.15 6.67 -2.04	99.57 8.03 -0.26	76.47 5.84 -3.42	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.01 6.75 -0.01	85.27 6.39 -0.01	72.99 5.28 -0.90	65.21 4.00 -4.83	55.20 3.53 -0.41
KEDC_PORT_JEFF_GT3 24211	55.44 4.34 -0.01	53.71 4.07 -0.01	51.67 3.83 -0.01	51.78 3.57 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.15 6.67 -2.04	99.57 8.03 -0.26	76.47 5.84 -3.42	58.50 4.43 -0.01	53.05 3.38 0.00	46.90 2.23 0.00	44.82 1.97 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.38 2.32 0.00	47.53 3.56 0.00	55.22 3.61 -0.01	71.37 5.83 -0.01	89.01 6.75 -0.01	85.27 6.39 -0.01	72.99 5.28 -0.90	65.21 4.00 -4.83	55.20 3.53 -0.41
KEDC_GLWD_GT4 24219	54.68 3.58 -0.02	52.97 3.33 -0.02	51.01 3.16 -0.02	51.25 3.04 -0.02	52.79 3.18 -0.02	61.59 3.54 -0.02	91.31 5.36 -3.52	98.39 6.66 -0.45	77.68 4.57 -5.90	57.91 3.84 -0.02	52.95 3.28 0.00	47.39 2.73 0.00	45.42 2.57 0.00	43.23 2.45 0.00	42.04 2.42 0.00	42.66 2.60 0.00	47.40 3.43 0.00	55.28 3.66 -0.02	70.20 4.65 -0.02	87.94 5.67 -0.02	84.17 5.29 -0.02	72.71 4.34 -1.55	67.97 3.27 -8.33	54.73 2.77 -0.71
KEDC_GLWD_GT5 24220	54.68 3.58 -0.02	52.97 3.33 -0.02	51.01 3.16 -0.02	51.25 3.04 -0.02	52.79 3.18 -0.02	61.59 3.54 -0.02	91.31 5.36 -3.52	98.39 6.66 -0.45	77.68 4.57 -5.90	57.91 3.84 -0.02	52.95 3.28 0.00	47.39 2.73 0.00	45.42 2.57 0.00	43.23 2.45 0.00	42.04 2.42 0.00	42.66 2.60 0.00	47.40 3.43 0.00	55.28 3.66 -0.02	70.20 4.65 -0.02	87.94 5.67 -0.02	84.17 5.29 -0.02	72.71 4.34 -1.55	67.97 3.27 -8.33	54.73 2.77 -0.71

KENSICO____ 23655	53.95 2.86 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.75 5.48 0.00	70.97 3.76 0.00	57.03 2.97 0.00	52.35 2.68 0.00	47.13 2.46 0.00	45.25 2.40 0.00	43.07 2.28 0.00	41.92 2.30 0.00	42.46 2.40 0.00	46.78 2.81 0.00	54.59 2.99 0.00	69.40 3.87 0.00	86.86 4.61 0.00	83.29 4.42 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.35 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.75 2.66 0.00	52.16 2.53 0.00	50.08 2.25 0.00	50.42 2.22 0.00	51.83 2.23 0.00	60.82 2.79 0.00	86.97 4.53 0.00	96.57 5.29 0.00	70.77 3.56 0.00	56.55 2.49 0.00	51.75 2.09 0.00	46.64 1.97 0.00	44.78 1.93 0.00	42.62 1.84 0.00	41.45 1.82 0.00	42.02 1.96 0.00	46.34 2.37 0.00	54.28 2.68 0.00	69.00 3.47 0.00	86.70 4.44 0.00	83.05 4.18 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.25 2.00 0.00
KIAC_JFK_GT1 23816	53.65 2.55 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.58 1.98 0.00	60.47 2.44 0.00	86.64 4.20 0.00	96.57 5.29 0.00	70.84 3.63 0.00	56.92 2.87 0.00	52.25 2.58 0.00	47.13 2.46 0.00	45.16 2.31 0.00	43.03 2.24 0.00	41.85 2.22 0.00	42.38 2.32 0.00	46.78 2.81 0.00	54.59 2.99 0.00	69.40 3.87 0.00	86.86 4.61 0.00	83.29 4.42 0.00	70.29 3.47 0.00	58.63 2.25 0.00	53.04 1.79 0.00
KIAC_JFK_GT2 23817	53.65 2.55 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.58 1.98 0.00	60.47 2.44 0.00	86.64 4.20 0.00	96.57 5.29 0.00	70.84 3.63 0.00	56.92 2.87 0.00	52.25 2.58 0.00	47.13 2.46 0.00	45.16 2.31 0.00	43.03 2.24 0.00	41.85 2.22 0.00	42.38 2.32 0.00	46.78 2.81 0.00	54.59 2.99 0.00	69.40 3.87 0.00	86.86 4.61 0.00	83.29 4.42 0.00	70.29 3.47 0.00	58.63 2.25 0.00	53.04 1.79 0.00
KIAC_JFK____ 323774	53.59 2.50 0.00	51.91 2.28 0.00	49.94 2.10 0.00	50.22 2.02 0.00	51.73 2.13 0.00	60.47 2.44 0.00	86.47 4.04 0.00	96.75 5.48 0.00	70.77 3.56 0.00	56.98 2.92 0.00	52.35 2.68 0.00	47.12 2.46 0.00	45.25 2.40 0.00	43.03 2.24 0.00	41.84 2.22 0.00	42.42 2.36 0.00	46.87 2.90 0.00	54.64 3.04 0.00	69.39 3.87 0.00	87.03 4.77 0.00	83.29 4.41 0.00	70.29 3.47 0.00	58.69 2.31 0.00	53.04 1.79 0.00
KINTIGH____ 23543	48.54 -2.55 0.00	47.24 -2.38 0.00	45.73 -2.10 0.00	46.18 -2.02 0.00	47.36 -2.23 0.00	55.24 -2.79 0.00	78.48 -3.96 0.00	87.07 -4.20 0.00	63.51 -3.70 0.00	52.55 -1.51 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	41.99 -0.86 0.00	39.93 -0.86 0.00	38.71 -0.91 0.00	39.22 -0.84 0.00	42.83 -1.14 0.00	50.05 -1.55 0.00	62.97 -2.56 0.00	79.54 -2.71 0.00	76.51 -2.37 0.00	63.87 -2.94 0.00	55.13 -1.24 0.00	50.33 -0.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.56 -1.53 0.00	48.44 -1.19 0.00	47.26 -0.57 0.00	47.82 -0.39 0.00	49.45 -0.15 0.00	58.26 0.23 0.00	81.69 -0.74 0.00	90.54 -0.73 0.00	67.01 -0.20 0.00	54.28 0.22 0.00	49.82 0.15 0.00	44.71 0.04 0.00	42.59 -0.26 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.50 -0.56 0.00	43.49 -0.48 0.00	51.50 -0.10 0.00	65.07 -0.46 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.81 0.56 0.00
LACHUTE__HYDRO 323717	55.84 4.75 0.00	54.24 4.62 0.00	52.09 4.26 0.00	52.68 4.48 0.00	54.21 4.61 0.00	63.78 5.75 0.00	91.17 8.73 0.00	100.85 9.58 0.00	73.39 6.18 0.00	57.90 3.84 0.00	52.89 3.23 0.00	47.08 2.41 0.00	45.08 2.23 0.00	42.83 2.04 0.00	41.80 2.18 0.00	42.26 2.20 0.00	46.79 2.82 0.00	55.63 4.03 0.00	71.69 6.16 0.00	91.14 8.89 0.00	86.92 8.05 0.00	73.23 6.41 0.00	61.39 5.02 0.00	55.60 4.35 0.00
LAWRNCV_115KV_TB1 80681	49.46 -1.63 0.00	48.24 -1.39 0.00	46.73 -1.10 0.00	47.14 -1.06 0.00	48.55 -1.04 0.00	57.04 -0.99 0.00	79.71 -2.72 0.00	87.90 -3.38 0.00	65.60 -1.61 0.00	52.76 -1.30 0.00	48.38 -1.29 0.00	43.42 -1.25 0.00	41.44 -1.41 0.00	39.36 -1.43 0.00	38.20 -1.43 0.00	38.54 -1.52 0.00	42.34 -1.63 0.00	50.10 -1.50 0.00	63.50 -2.03 0.00	79.54 -2.71 0.00	76.35 -2.52 0.00	65.41 -1.40 0.00	55.53 -0.85 0.00	50.63 -0.61 0.00
LEDERLE____ 23769	53.65 2.55 0.00	51.96 2.33 0.00	49.94 2.10 0.00	50.23 2.02 0.00	51.68 2.08 0.00	60.47 2.44 0.00	86.39 3.96 0.00	96.11 4.84 0.00	70.43 3.23 0.00	56.71 2.65 0.00	52.00 2.33 0.00	46.86 2.19 0.00	44.99 2.14 0.00	42.87 2.08 0.00	41.73 2.10 0.00	42.22 2.16 0.00	46.52 2.55 0.00	54.23 2.63 0.00	68.81 3.28 0.00	86.29 4.03 0.00	82.74 3.86 0.00	69.95 3.14 0.00	58.52 2.14 0.00	52.99 1.74 0.00
LIGHTRSE_115KV_TB6 355974	50.17 -0.92 0.00	48.73 -0.89 0.00	47.02 -0.81 0.00	47.38 -0.82 0.00	48.75 -0.84 0.00	57.22 -0.81 0.00	82.02 -0.41 0.00	91.00 -0.27 0.00	66.47 -0.74 0.00	53.19 -0.86 0.00	48.82 -0.84 0.00	43.82 -0.85 0.00	41.95 -0.90 0.00	39.85 -0.94 0.00	38.71 -0.91 0.00	39.22 -0.84 0.00	43.00 -0.97 0.00	50.83 -0.77 0.00	64.94 -0.59 0.00	81.93 -0.33 0.00	78.48 -0.39 0.00	66.21 -0.60 0.00	55.75 -0.62 0.00	50.68 -0.56 0.00
LINDEN COGEN____ 23786	54.16 3.07 0.00	52.45 2.83 0.00	50.46 2.63 0.00	50.71 2.50 0.00	52.22 2.63 0.00	60.99 2.96 0.00	87.05 4.61 0.00	97.30 6.02 0.00	71.17 3.96 0.00	57.47 3.41 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.63 2.78 0.00	43.48 2.69 0.00	42.24 2.61 0.00	42.78 2.73 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.79 4.26 0.00	87.44 5.19 0.00	83.68 4.81 0.00	70.55 3.74 0.00	59.02 2.65 0.00	53.45 2.20 0.00
LINDHRST_69_KV_BK1 356055	55.34 4.24 -0.01	53.56 3.92 -0.01	51.48 3.64 -0.01	51.78 3.57 -0.01	53.32 3.72 -0.01	62.39 4.35 -0.01	91.31 6.59 -2.28	99.23 7.67 -0.29	76.61 5.58 -3.82	58.45 4.38 -0.01	53.39 3.73 0.00	47.17 2.50 0.00	45.08 2.23 0.00	42.91 2.12 0.00	41.81 2.18 0.00	42.74 2.68 0.00	47.58 3.61 0.00	55.63 4.02 -0.01	71.04 5.50 -0.01	88.77 6.50 -0.01	85.19 6.31 -0.01	73.03 5.21 -1.01	65.71 3.95 -5.39	55.20 3.48 -0.46
LIPA_MISC_IPP 23656	55.14 4.04 -0.01	53.36 3.72 -0.01	51.29 3.44 -0.01	51.34 3.13 -0.01	53.12 3.52 -0.01	62.16 4.12 -0.01	90.82 6.35 -2.03	98.93 7.39 -0.26	76.19 5.58 -3.40	58.23 4.16 -0.01	53.00 3.33 0.00	46.46 1.79 0.00	44.39 1.54 0.00	42.42 1.63 0.00	41.37 1.74 0.00	42.42 2.36 0.00	47.14 3.17 0.00	54.70 3.10 -0.01	71.11 5.57 -0.01	88.52 6.25 -0.01	84.87 5.99 -0.01	72.59 4.88 -0.90	64.85 3.66 -4.81	54.99 3.33 -0.41
LISF__SOLAR 323691	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.49 3.28 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.91 6.43 -2.04	99.29 7.75 -0.26	76.26 5.65 -3.41	58.29 4.22 -0.01	52.70 3.03 0.00	46.50 1.83 0.00	44.44 1.59 0.00	42.46 1.67 0.00	41.29 1.66 0.00	42.10 2.04 0.00	47.27 3.30 0.00	54.70 3.10 -0.01	71.24 5.70 -0.01	88.85 6.58 -0.01	85.11 6.23 -0.01	72.79 5.08 -0.90	64.97 3.78 -4.82	55.04 3.38 -0.41

LITTLE FALLS___HYD 24013	48.54 -2.55 0.00	47.24 -2.38 0.00	45.63 -2.20 0.00	46.18 -2.02 0.00	47.81 -1.79 0.00	56.41 -1.62 0.00	81.03 -1.40 0.00	90.18 -1.10 0.00	66.13 -1.08 0.00	52.71 -1.35 0.00	48.38 -1.29 0.00	43.46 -1.21 0.00	41.65 -1.20 0.00	39.52 -1.26 0.00	38.36 -1.27 0.00	38.74 -1.32 0.00	42.39 -1.58 0.00	50.10 -1.50 0.00	64.35 -1.18 0.00	81.60 -0.66 0.00	78.48 -0.39 0.00	66.55 -0.27 0.00	55.92 -0.45 0.00	50.89 -0.36 0.00
LITTLRIV_115KV_TB1 356100	50.12 -0.97 0.00	48.83 -0.79 0.00	47.36 -0.48 0.00	47.77 -0.43 0.00	49.20 -0.40 0.00	57.80 -0.23 0.00	81.03 -1.40 0.00	89.17 -2.10 0.00	66.47 -0.74 0.00	53.19 -0.86 0.00	48.77 -0.89 0.00	43.73 -0.94 0.00	41.69 -1.16 0.00	39.60 -1.18 0.00	38.44 -1.19 0.00	38.82 -1.24 0.00	42.65 -1.32 0.00	50.62 -0.98 0.00	64.28 -1.25 0.00	80.78 -1.48 0.00	77.53 -1.34 0.00	66.35 -0.47 0.00	56.26 -0.11 0.00	51.30 0.05 0.00
LI_NEWBRDGE___DRP 323616	54.42 3.32 -0.01	52.76 3.13 -0.01	50.71 2.87 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.40 3.37 -0.01	89.36 5.03 -1.89	97.45 5.93 -0.24	74.68 4.30 -3.17	57.69 3.62 -0.01	52.80 3.13 0.00	46.77 2.10 0.00	44.74 1.89 0.00	42.62 1.84 0.00	41.53 1.90 0.00	42.34 2.28 0.00	47.00 3.03 0.00	54.91 3.30 -0.01	69.67 4.13 -0.01	87.04 4.77 -0.01	83.45 4.57 -0.01	71.59 3.94 -0.83	63.84 2.99 -4.48	54.25 2.61 -0.38
LOCKPORT_115KV_TB60_63_64 80432	47.36 -3.73 0.00	46.15 -3.47 0.00	44.77 -3.06 0.00	45.26 -2.94 0.00	46.42 -3.17 0.00	54.08 -3.95 0.00	76.83 -5.61 0.00	85.43 -5.84 0.00	62.10 -5.11 0.00	51.74 -2.32 0.00	48.08 -1.59 0.00	43.24 -1.43 0.00	41.52 -1.33 0.00	39.44 -1.35 0.00	38.24 -1.39 0.00	38.74 -1.32 0.00	42.25 -1.71 0.00	49.23 -2.37 0.00	61.79 -3.74 0.00	78.31 -3.95 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
LOCKPORT___CC1 323769	47.46 -3.63 0.00	46.30 -3.32 0.00	44.68 -3.16 0.00	45.40 -2.80 0.00	46.42 -3.18 0.00	54.78 -3.25 0.00	77.08 -5.36 0.00	85.43 -5.84 0.00	62.71 -4.50 0.00	51.74 -2.32 0.00	47.88 -1.79 0.00	43.20 -1.47 0.00	41.27 -1.58 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.74 -1.32 0.00	41.90 -2.07 0.00	49.18 -2.42 0.00	61.73 -3.80 0.00	77.24 -5.02 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
LOCKPORT___CC2 323770	47.46 -3.63 0.00	46.30 -3.32 0.00	44.68 -3.16 0.00	45.40 -2.80 0.00	46.42 -3.18 0.00	54.78 -3.25 0.00	77.08 -5.36 0.00	85.43 -5.84 0.00	62.71 -4.50 0.00	51.74 -2.32 0.00	47.88 -1.79 0.00	43.20 -1.47 0.00	41.27 -1.58 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.74 -1.32 0.00	41.90 -2.07 0.00	49.18 -2.42 0.00	61.73 -3.80 0.00	77.24 -5.02 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
LOCKPORT___CC3 323771	47.46 -3.63 0.00	46.30 -3.32 0.00	44.68 -3.16 0.00	45.40 -2.80 0.00	46.42 -3.18 0.00	54.78 -3.25 0.00	77.08 -5.36 0.00	85.43 -5.84 0.00	62.71 -4.50 0.00	51.74 -2.32 0.00	47.88 -1.79 0.00	43.20 -1.47 0.00	41.27 -1.58 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.74 -1.32 0.00	41.90 -2.07 0.00	49.18 -2.42 0.00	61.73 -3.80 0.00	77.24 -5.02 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
LONG_LAKE_PHOENIX 24014	50.27 -0.82 0.00	48.78 -0.84 0.00	47.02 -0.81 0.00	47.33 -0.87 0.00	48.75 -0.84 0.00	57.10 -0.93 0.00	81.53 -0.91 0.00	90.54 -0.73 0.00	66.27 -0.94 0.00	53.36 -0.70 0.00	49.07 -0.60 0.00	44.13 -0.54 0.00	42.29 -0.56 0.00	40.22 -0.57 0.00	39.03 -0.59 0.00	39.50 -0.56 0.00	43.31 -0.66 0.00	50.93 -0.67 0.00	64.74 -0.79 0.00	81.52 -0.74 0.00	78.00 -0.87 0.00	65.88 -0.94 0.00	55.58 -0.79 0.00	50.48 -0.77 0.00
LOVETT___3 23632	53.49 2.40 0.00	51.81 2.18 0.00	49.80 1.96 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.29 2.26 0.00	86.06 3.63 0.00	95.75 4.47 0.00	70.23 3.02 0.00	56.49 2.43 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.08 2.48 0.00	68.61 3.08 0.00	85.96 3.70 0.00	82.42 3.55 0.00	69.69 2.87 0.00	58.29 1.92 0.00	52.84 1.59 0.00
LOVETT___4 23642	53.49 2.40 0.00	51.81 2.18 0.00	49.80 1.96 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.29 2.26 0.00	86.06 3.63 0.00	95.75 4.47 0.00	70.23 3.02 0.00	56.49 2.43 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.08 2.48 0.00	68.61 3.08 0.00	85.96 3.70 0.00	82.42 3.55 0.00	69.69 2.87 0.00	58.29 1.92 0.00	52.84 1.59 0.00
LOVETT___5 23593	53.49 2.40 0.00	51.81 2.18 0.00	49.80 1.96 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.29 2.26 0.00	86.06 3.63 0.00	95.75 4.47 0.00	70.23 3.02 0.00	56.49 2.43 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.08 2.48 0.00	68.61 3.08 0.00	85.96 3.70 0.00	82.42 3.55 0.00	69.69 2.87 0.00	58.29 1.92 0.00	52.84 1.59 0.00
LOWER RAQUET___HYD 24057	49.20 -1.89 0.00	47.89 -1.74 0.00	46.45 -1.39 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.70 -1.33 0.00	79.55 -2.89 0.00	87.44 -3.83 0.00	65.26 -1.95 0.00	52.38 -1.68 0.00	48.03 -1.64 0.00	43.10 -1.56 0.00	41.13 -1.72 0.00	39.08 -1.71 0.00	37.92 -1.70 0.00	38.26 -1.80 0.00	42.04 -1.93 0.00	49.74 -1.86 0.00	63.11 -2.42 0.00	79.22 -3.04 0.00	76.04 -2.84 0.00	65.08 -1.74 0.00	55.19 -1.19 0.00	50.33 -0.92 0.00
LOWER___HUDSON 24059	52.93 1.84 0.00	51.41 1.78 0.00	49.41 1.58 0.00	49.79 1.59 0.00	51.18 1.59 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.38 3.11 0.00	69.16 1.95 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.75 0.90 0.00	41.73 0.94 0.00	40.58 0.95 0.00	41.06 1.00 0.00	45.20 1.23 0.00	52.94 1.34 0.00	67.56 2.03 0.00	84.72 2.47 0.00	81.08 2.21 0.00	68.75 1.94 0.00	57.72 1.35 0.00	52.48 1.23 0.00
LOWVILLE_115KV_TB2 356335	50.38 -0.72 0.00	49.13 -0.50 0.00	47.50 -0.33 0.00	47.96 -0.24 0.00	49.45 -0.15 0.00	58.26 0.23 0.00	84.17 1.73 0.00	93.10 1.83 0.00	68.15 0.94 0.00	53.63 -0.43 0.00	49.12 -0.55 0.00	43.91 -0.76 0.00	41.86 -0.99 0.00	39.60 -1.18 0.00	38.52 -1.11 0.00	39.06 -1.00 0.00	42.87 -1.10 0.00	51.08 -0.52 0.00	65.59 0.07 0.00	83.08 0.82 0.00	79.66 0.79 0.00	67.42 0.60 0.00	56.66 0.28 0.00	51.86 0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.70 2.61 0.00	52.16 2.53 0.00	50.13 2.30 0.00	50.56 2.36 0.00	51.97 2.38 0.00	60.87 2.84 0.00	86.72 4.29 0.00	96.02 4.75 0.00	70.30 3.09 0.00	56.01 1.95 0.00	51.31 1.64 0.00	45.97 1.30 0.00	44.14 1.29 0.00	42.01 1.22 0.00	40.89 1.27 0.00	41.38 1.32 0.00	45.64 1.67 0.00	53.72 2.12 0.00	68.67 3.15 0.00	86.37 4.11 0.00	82.74 3.86 0.00	69.95 3.14 0.00	58.80 2.42 0.00	53.35 2.10 0.00

LUTHERNY_35_KV_BK2 355980	53.75 2.66 0.00	52.16 2.53 0.00	50.18 2.34 0.00	50.61 2.41 0.00	52.02 2.43 0.00	60.93 2.90 0.00	86.80 4.37 0.00	96.11 4.84 0.00	70.37 3.16 0.00	56.01 1.95 0.00	51.31 1.64 0.00	46.01 1.34 0.00	44.14 1.29 0.00	42.01 1.22 0.00	40.93 1.31 0.00	41.38 1.32 0.00	45.64 1.67 0.00	53.77 2.17 0.00	68.74 3.21 0.00	86.45 4.20 0.00	82.74 3.86 0.00	70.02 3.21 0.00	58.85 2.48 0.00	53.40 2.15 0.00
LWR___OSWEGATCHIE_HYD 23850	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.44 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.26 -2.01 0.00	65.86 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.96 -1.89 0.00	38.83 -1.96 0.00	37.72 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.56 -1.97 0.00	80.20 -2.06 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
LYONS_FALL_HYD 23570	51.09 0.00 0.00	49.73 0.10 0.00	48.03 0.19 0.00	48.44 0.24 0.00	49.89 0.30 0.00	58.73 0.70 0.00	84.50 2.06 0.00	93.56 2.28 0.00	68.55 1.34 0.00	54.22 0.16 0.00	49.72 0.05 0.00	44.54 -0.13 0.00	42.51 -0.34 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.74 -0.32 0.00	43.57 -0.40 0.00	51.70 0.10 0.00	66.25 0.72 0.00	83.74 1.48 0.00	80.29 1.42 0.00	67.88 1.07 0.00	57.05 0.68 0.00	52.12 0.87 0.00
MADISON___COUNTY_LFGE 323628	52.32 1.23 0.00	50.82 1.19 0.00	49.03 1.20 0.00	49.41 1.21 0.00	50.83 1.24 0.00	59.66 1.62 0.00	85.57 3.13 0.00	94.83 3.56 0.00	69.36 2.15 0.00	55.36 1.30 0.00	50.81 1.14 0.00	45.61 0.94 0.00	43.66 0.81 0.00	41.52 0.73 0.00	40.34 0.71 0.00	40.90 0.84 0.00	44.85 0.88 0.00	52.99 1.39 0.00	67.69 2.16 0.00	85.38 3.13 0.00	81.71 2.84 0.00	68.95 2.14 0.00	58.06 1.69 0.00	52.79 1.54 0.00
MALONE___115KV_TB1 356076	49.30 -1.79 0.00	48.19 -1.44 0.00	46.93 -0.91 0.00	47.48 -0.72 0.00	49.05 -0.55 0.00	57.74 -0.29 0.00	80.87 -1.57 0.00	89.45 -1.83 0.00	66.47 -0.74 0.00	53.74 -0.32 0.00	49.32 -0.35 0.00	44.27 -0.40 0.00	42.16 -0.69 0.00	39.97 -0.82 0.00	38.75 -0.87 0.00	39.06 -1.00 0.00	42.96 -1.01 0.00	50.88 -0.72 0.00	64.28 -1.25 0.00	81.27 -0.99 0.00	78.16 -0.71 0.00	66.48 -0.33 0.00	56.54 0.17 0.00	51.45 0.20 0.00
MAPLEWOD_115KV_TB3 80458	52.83 1.74 0.00	51.31 1.69 0.00	49.37 1.53 0.00	49.69 1.49 0.00	51.08 1.49 0.00	59.42 1.39 0.00	84.41 1.98 0.00	93.65 2.37 0.00	68.69 1.48 0.00	55.03 0.97 0.00	50.56 0.89 0.00	45.47 0.80 0.00	43.66 0.81 0.00	41.64 0.86 0.00	40.54 0.91 0.00	41.02 0.96 0.00	45.07 1.10 0.00	52.74 1.14 0.00	67.10 1.57 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.40 0.00	57.44 1.07 0.00	52.32 1.08 0.00
MAPLE_RIDGE_WT_1 323574	50.27 -0.82 0.00	48.93 -0.69 0.00	47.36 -0.48 0.00	47.77 -0.43 0.00	49.25 -0.34 0.00	57.68 -0.35 0.00	81.77 -0.66 0.00	90.36 -0.91 0.00	66.74 -0.47 0.00	53.63 -0.43 0.00	49.17 -0.50 0.00	44.14 -0.53 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.87 -0.75 0.00	39.18 -0.88 0.00	43.00 -0.97 0.00	50.62 -0.98 0.00	64.48 -1.05 0.00	81.27 -0.98 0.00	78.01 -0.87 0.00	66.21 -0.60 0.00	55.98 -0.39 0.00	50.94 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	50.27 -0.82 0.00	48.93 -0.69 0.00	47.36 -0.48 0.00	47.77 -0.43 0.00	49.25 -0.34 0.00	57.68 -0.35 0.00	81.77 -0.66 0.00	90.36 -0.91 0.00	66.74 -0.47 0.00	53.63 -0.43 0.00	49.17 -0.50 0.00	44.14 -0.53 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.87 -0.75 0.00	39.18 -0.88 0.00	43.00 -0.97 0.00	50.62 -0.98 0.00	64.48 -1.05 0.00	81.27 -0.98 0.00	78.01 -0.87 0.00	66.21 -0.60 0.00	55.98 -0.39 0.00	50.94 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	48.90 -2.20 0.00	47.79 -1.84 0.00	46.55 -1.29 0.00	47.14 -1.06 0.00	48.70 -0.89 0.00	57.27 -0.76 0.00	80.70 -1.74 0.00	88.99 -2.28 0.00	66.13 -1.08 0.00	53.36 -0.70 0.00	49.02 -0.65 0.00	44.00 -0.67 0.00	41.99 -0.86 0.00	39.85 -0.94 0.00	38.60 -1.03 0.00	38.90 -1.16 0.00	42.78 -1.19 0.00	50.57 -1.03 0.00	64.15 -1.38 0.00	81.11 -1.15 0.00	77.93 -0.94 0.00	66.15 -0.67 0.00	56.09 -0.28 0.00	51.09 -0.15 0.00
MARSHVLE_115KV_TB1 80742	54.72 3.63 0.00	53.10 3.47 0.00	51.09 3.25 0.00	51.57 3.37 0.00	53.12 3.52 0.00	62.50 4.47 0.00	89.44 7.01 0.00	98.48 7.21 0.00	71.44 4.23 0.00	56.22 2.16 0.00	51.46 1.79 0.00	45.92 1.25 0.00	44.26 1.41 0.00	42.09 1.31 0.00	40.93 1.31 0.00	41.42 1.36 0.00	45.82 1.85 0.00	54.90 3.30 0.00	70.71 5.18 0.00	89.50 7.24 0.00	85.50 6.63 0.00	72.09 5.28 0.00	60.49 4.12 0.00	54.73 3.48 0.00
MARSH_HILL_WT_PWR 323713	49.92 -1.17 0.00	48.63 -0.99 0.00	47.02 -0.81 0.00	47.72 -0.48 0.00	49.10 -0.50 0.00	57.97 -0.06 0.00	82.52 0.08 0.00	91.46 0.18 0.00	66.33 -0.88 0.00	53.74 -0.32 0.00	49.32 -0.35 0.00	44.36 -0.31 0.00	42.38 -0.47 0.00	40.26 -0.53 0.00	39.11 -0.52 0.00	39.58 -0.48 0.00	43.22 -0.75 0.00	51.34 -0.26 0.00	65.46 -0.07 0.00	82.59 0.33 0.00	79.89 1.02 0.00	66.88 0.07 0.00	57.22 0.85 0.00	52.02 0.77 0.00
MCINTYRE_115KV_TB2 80467	50.84 -0.26 0.00	49.58 -0.05 0.00	48.03 0.19 0.00	48.49 0.29 0.00	49.89 0.30 0.00	58.61 0.58 0.00	82.02 -0.41 0.00	90.18 -1.10 0.00	67.14 -0.07 0.00	53.74 -0.32 0.00	49.27 -0.40 0.00	44.18 -0.49 0.00	42.12 -0.73 0.00	40.01 -0.77 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.13 -0.84 0.00	51.19 -0.41 0.00	65.07 -0.46 0.00	81.85 -0.41 0.00	78.56 -0.32 0.00	67.21 0.40 0.00	57.05 0.68 0.00	52.02 0.77 0.00
MECO_____69_KV_BK1 80468	55.33 4.24 0.00	53.70 4.07 0.00	51.61 3.78 0.00	52.20 4.00 0.00	53.71 4.12 0.00	63.25 5.22 0.00	90.43 8.00 0.00	99.67 8.40 0.00	72.32 5.11 0.00	56.92 2.87 0.00	52.05 2.38 0.00	46.46 1.79 0.00	44.65 1.80 0.00	42.46 1.67 0.00	41.37 1.74 0.00	41.86 1.80 0.00	46.34 2.37 0.00	55.42 3.82 0.00	71.30 5.77 0.00	90.40 8.14 0.00	86.29 7.41 0.00	72.83 6.01 0.00	61.05 4.68 0.00	55.30 4.05 0.00
MENANDS___115KV_TB5 355628	52.62 1.53 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.13 1.10 0.00	83.92 1.48 0.00	93.10 1.83 0.00	68.35 1.14 0.00	54.76 0.70 0.00	50.36 0.70 0.00	45.34 0.67 0.00	43.49 0.64 0.00	41.56 0.77 0.00	40.42 0.79 0.00	40.90 0.84 0.00	44.89 0.92 0.00	52.48 0.88 0.00	66.71 1.18 0.00	83.41 1.15 0.00	79.90 1.03 0.00	67.82 1.00 0.00	57.11 0.73 0.00	52.12 0.87 0.00
MG INDUSTRY___DRP 24185	52.62 1.53 0.00	51.16 1.54 0.00	49.22 1.39 0.00	49.60 1.40 0.00	50.98 1.39 0.00	59.31 1.28 0.00	84.08 1.65 0.00	93.10 1.83 0.00	68.15 0.94 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.24 0.39 0.00	41.24 0.45 0.00	40.14 0.52 0.00	40.62 0.56 0.00	44.63 0.66 0.00	52.37 0.77 0.00	66.64 1.11 0.00	83.49 1.23 0.00	80.13 1.26 0.00	67.95 1.14 0.00	57.28 0.90 0.00	52.22 0.97 0.00

MID___OSWEGATCHIE_HYD 23849	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.44 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.26 -2.01 0.00	65.86 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.96 -1.89 0.00	38.83 -1.96 0.00	37.72 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.56 -1.97 0.00	80.20 -2.06 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
MID___RAQUETTE_HYD 23851	49.15 -1.94 0.00	47.89 -1.74 0.00	46.45 -1.39 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.70 -1.33 0.00	79.38 -3.05 0.00	87.53 -3.74 0.00	65.26 -1.95 0.00	52.38 -1.68 0.00	48.03 -1.64 0.00	43.11 -1.56 0.00	41.14 -1.71 0.00	39.03 -1.75 0.00	37.88 -1.74 0.00	38.26 -1.80 0.00	42.03 -1.93 0.00	49.79 -1.81 0.00	63.10 -2.42 0.00	79.13 -3.13 0.00	76.03 -2.84 0.00	65.08 -1.74 0.00	55.19 -1.18 0.00	50.33 -0.92 0.00
MILLIKEN___1 23584	52.01 0.92 0.00	50.47 0.84 0.00	48.65 0.81 0.00	49.02 0.82 0.00	50.49 0.89 0.00	59.13 1.10 0.00	84.66 2.23 0.00	94.10 2.83 0.00	68.62 1.41 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.56 0.89 0.00	43.62 0.77 0.00	41.48 0.69 0.00	40.30 0.67 0.00	40.78 0.72 0.00	44.76 0.79 0.00	52.89 1.29 0.00	67.36 1.83 0.00	84.97 2.71 0.00	81.24 2.37 0.00	68.48 1.67 0.00	57.84 1.47 0.00	52.53 1.28 0.00
MILLIKEN___2 23585	52.01 0.92 0.00	50.47 0.84 0.00	48.65 0.81 0.00	49.02 0.82 0.00	50.49 0.89 0.00	59.13 1.10 0.00	84.66 2.23 0.00	94.10 2.83 0.00	68.62 1.41 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.56 0.89 0.00	43.62 0.77 0.00	41.48 0.69 0.00	40.30 0.67 0.00	40.78 0.72 0.00	44.76 0.79 0.00	52.89 1.29 0.00	67.36 1.83 0.00	84.97 2.71 0.00	81.24 2.37 0.00	68.48 1.67 0.00	57.84 1.47 0.00	52.53 1.28 0.00
MILLIKEN___DIESEL 23629	52.01 0.92 0.00	50.47 0.84 0.00	48.65 0.81 0.00	49.02 0.82 0.00	50.49 0.89 0.00	59.13 1.10 0.00	84.66 2.23 0.00	94.10 2.83 0.00	68.62 1.41 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.56 0.89 0.00	43.62 0.77 0.00	41.48 0.69 0.00	40.30 0.67 0.00	40.78 0.72 0.00	44.76 0.79 0.00	52.89 1.29 0.00	67.36 1.83 0.00	84.97 2.71 0.00	81.24 2.37 0.00	68.48 1.67 0.00	57.84 1.47 0.00	52.53 1.28 0.00
MILLSEAT___LFGE 323607	48.59 -2.50 0.00	47.34 -2.28 0.00	45.68 -2.15 0.00	46.47 -1.73 0.00	47.46 -2.13 0.00	56.06 -1.97 0.00	79.13 -3.30 0.00	88.08 -3.20 0.00	64.45 -2.76 0.00	52.82 -1.24 0.00	48.82 -0.84 0.00	44.00 -0.67 0.00	42.03 -0.82 0.00	40.01 -0.78 0.00	38.87 -0.75 0.00	39.42 -0.64 0.00	42.69 -1.28 0.00	50.42 -1.18 0.00	63.37 -2.16 0.00	79.46 -2.80 0.00	77.53 -1.34 0.00	64.34 -2.47 0.00	55.81 -0.56 0.00	50.79 -0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.75 2.66 0.00	52.06 2.43 0.00	49.99 2.15 0.00	50.32 2.12 0.00	51.78 2.18 0.00	60.58 2.55 0.00	86.56 4.12 0.00	96.29 5.02 0.00	70.64 3.43 0.00	56.76 2.70 0.00	52.10 2.43 0.00	46.95 2.28 0.00	45.04 2.19 0.00	42.91 2.12 0.00	41.73 2.10 0.00	42.26 2.20 0.00	46.61 2.64 0.00	54.33 2.73 0.00	69.00 3.47 0.00	86.45 4.20 0.00	82.81 3.94 0.00	70.02 3.21 0.00	58.63 2.25 0.00	53.09 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	53.85 2.76 0.00	52.16 2.53 0.00	50.13 2.30 0.00	50.42 2.22 0.00	51.88 2.28 0.00	60.76 2.73 0.00	86.80 4.37 0.00	96.57 5.29 0.00	70.84 3.63 0.00	56.92 2.87 0.00	52.20 2.53 0.00	47.04 2.37 0.00	45.12 2.27 0.00	42.95 2.16 0.00	41.77 2.14 0.00	42.30 2.24 0.00	46.70 2.73 0.00	54.44 2.84 0.00	69.13 3.60 0.00	86.62 4.36 0.00	83.05 4.18 0.00	70.22 3.41 0.00	58.74 2.37 0.00	53.20 1.95 0.00
MODEL_CITY_ENERGY 24167	46.95 -4.14 0.00	45.81 -3.82 0.00	44.20 -3.64 0.00	44.92 -3.28 0.00	45.87 -3.72 0.00	54.14 -3.89 0.00	76.09 -6.35 0.00	84.33 -6.94 0.00	61.97 -5.24 0.00	51.19 -2.87 0.00	47.38 -2.28 0.00	42.80 -1.87 0.00	40.88 -1.97 0.00	38.91 -1.88 0.00	37.80 -1.82 0.00	38.38 -1.68 0.00	41.51 -2.46 0.00	48.66 -2.94 0.00	61.01 -4.52 0.00	76.26 -6.00 0.00	74.53 -4.34 0.00	61.94 -4.87 0.00	54.01 -2.37 0.00	49.30 -1.95 0.00
MODERN_LFGE___ 323580	46.95 -4.14 0.00	45.81 -3.82 0.00	44.20 -3.64 0.00	44.92 -3.28 0.00	45.87 -3.72 0.00	54.14 -3.89 0.00	76.09 -6.35 0.00	84.33 -6.94 0.00	61.97 -5.24 0.00	51.19 -2.87 0.00	47.38 -2.28 0.00	42.80 -1.87 0.00	40.88 -1.97 0.00	38.91 -1.88 0.00	37.80 -1.82 0.00	38.38 -1.68 0.00	41.51 -2.46 0.00	48.66 -2.94 0.00	61.01 -4.52 0.00	76.26 -6.00 0.00	74.53 -4.34 0.00	61.94 -4.87 0.00	54.01 -2.37 0.00	49.30 -1.95 0.00
MOHAWK_PAPER___DRP 24187	52.83 1.74 0.00	51.31 1.69 0.00	49.37 1.53 0.00	49.69 1.49 0.00	51.08 1.49 0.00	59.42 1.39 0.00	84.41 1.98 0.00	93.65 2.37 0.00	68.69 1.48 0.00	55.03 0.97 0.00	50.56 0.89 0.00	45.47 0.80 0.00	43.66 0.81 0.00	41.64 0.86 0.00	40.54 0.91 0.00	41.02 0.96 0.00	45.07 1.10 0.00	52.74 1.14 0.00	67.10 1.57 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.40 0.00	57.44 1.07 0.00	52.32 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	54.21 3.12 0.00	52.65 3.03 0.00	50.66 2.82 0.00	51.09 2.89 0.00	52.57 2.98 0.00	61.69 3.66 0.00	88.04 5.61 0.00	97.39 6.12 0.00	71.24 4.03 0.00	56.55 2.49 0.00	51.75 2.09 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.13 1.51 0.00	41.58 1.52 0.00	45.95 1.98 0.00	54.28 2.68 0.00	69.59 4.06 0.00	87.85 5.59 0.00	83.92 5.05 0.00	70.89 4.08 0.00	59.53 3.16 0.00	53.96 2.72 0.00
MONGAUP___HYD 23641	53.19 2.10 0.00	51.66 2.04 0.00	49.65 1.82 0.00	49.93 1.73 0.00	51.38 1.78 0.00	60.06 2.03 0.00	85.82 3.38 0.00	95.28 4.01 0.00	69.56 2.35 0.00	55.57 1.51 0.00	50.96 1.29 0.00	46.10 1.43 0.00	44.31 1.46 0.00	42.17 1.39 0.00	41.01 1.39 0.00	41.58 1.52 0.00	45.90 1.93 0.00	53.51 1.91 0.00	67.17 1.64 0.00	84.64 2.39 0.00	80.92 2.05 0.00	68.89 2.07 0.00	58.18 1.80 0.00	52.63 1.38 0.00
MONTAUK___DIESEL 23721	55.03 3.93 -0.01	53.31 3.67 -0.01	51.19 3.35 -0.01	51.25 3.04 -0.01	53.07 3.47 -0.01	62.22 4.18 -0.01	91.23 6.76 -2.04	99.39 7.85 -0.26	76.33 5.71 -3.41	58.29 4.22 -0.01	52.90 3.23 0.00	46.55 1.88 0.00	44.44 1.59 0.00	42.38 1.59 0.00	41.17 1.55 0.00	41.98 1.92 0.00	46.52 2.55 0.00	54.14 2.53 -0.01	70.39 4.85 -0.01	87.86 5.59 -0.01	84.24 5.36 -0.01	71.99 4.28 -0.90	64.23 3.04 -4.81	55.15 3.48 -0.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.30 -1.79 0.00	48.19 -1.44 0.00	46.78 -1.05 0.00	47.53 -0.67 0.00	48.80 -0.79 0.00	57.16 -0.87 0.00	81.61 -0.82 0.00	91.09 -0.18 0.00	66.34 -0.87 0.00	54.92 0.86 0.00	50.86 1.19 0.00	45.56 0.89 0.00	43.71 0.86 0.00	41.52 0.73 0.00	40.10 0.48 0.00	40.78 0.72 0.00	44.59 0.62 0.00	51.86 0.26 0.00	65.33 -0.20 0.00	83.16 0.90 0.00	80.05 1.18 0.00	66.15 -0.67 0.00	57.22 0.85 0.00	51.91 0.67 0.00

MORRIS_RIDGE___SOLAR 323848	49.10 -1.99 0.00	47.79 -1.84 0.00	46.21 -1.63 0.00	46.90 -1.30 0.00	48.15 -1.44 0.00	56.75 -1.28 0.00	80.46 -1.98 0.00	88.99 -2.28 0.00	64.45 -2.76 0.00	52.33 -1.73 0.00	48.18 -1.49 0.00	43.42 -1.25 0.00	41.52 -1.33 0.00	39.48 -1.31 0.00	38.36 -1.27 0.00	38.78 -1.28 0.00	42.34 -1.63 0.00	50.16 -1.44 0.00	63.83 -1.70 0.00	80.53 -1.73 0.00	78.08 -0.79 0.00	65.21 -1.60 0.00	56.04 -0.34 0.00	51.04 -0.20 0.00
MORTIMER_115KV_TB3 55949	49.71 -1.38 0.00	48.29 -1.34 0.00	46.69 -1.15 0.00	47.19 -1.01 0.00	48.40 -1.19 0.00	56.58 -1.45 0.00	80.62 -1.81 0.00	89.72 -1.55 0.00	65.46 -1.75 0.00	53.52 -0.54 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.50 -0.29 0.00	39.31 -0.32 0.00	39.82 -0.24 0.00	43.44 -0.53 0.00	51.14 -0.46 0.00	64.55 -0.98 0.00	81.52 -0.74 0.00	78.32 -0.55 0.00	65.54 -1.27 0.00	56.15 -0.23 0.00	51.04 -0.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	54.26 3.17 0.00	52.50 2.88 0.00	50.42 2.58 0.00	50.76 2.55 0.00	52.22 2.63 0.00	61.16 3.13 0.00	87.38 4.95 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.52 3.46 0.00	52.75 3.08 0.00	47.53 2.86 0.00	45.59 2.74 0.00	43.44 2.65 0.00	42.24 2.62 0.00	42.78 2.72 0.00	47.18 3.21 0.00	55.06 3.46 0.00	69.92 4.39 0.00	87.44 5.18 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.25 2.88 0.00	53.66 2.41 0.00
MUNSVILLE_WIND_PWR 323609	54.41 3.32 0.00	52.95 3.33 0.00	51.18 3.35 0.00	51.72 3.52 0.00	53.26 3.67 0.00	62.91 4.88 0.00	91.01 8.57 0.00	101.04 9.77 0.00	74.73 7.53 0.00	58.65 4.59 0.00	53.59 3.92 0.00	47.98 3.31 0.00	45.72 2.87 0.00	43.36 2.57 0.00	42.20 2.57 0.00	43.06 3.01 0.00	47.22 3.25 0.00	56.55 4.95 0.00	72.87 7.34 0.00	92.62 10.36 0.00	88.65 9.78 0.00	74.56 7.75 0.00	62.46 6.09 0.00	56.78 5.54 0.00
N SALMON___HYD 24042	49.35 -1.74 0.00	48.19 -1.44 0.00	46.92 -0.91 0.00	47.48 -0.72 0.00	49.05 -0.54 0.00	57.68 -0.35 0.00	81.03 -1.40 0.00	89.45 -1.82 0.00	66.41 -0.80 0.00	53.74 -0.32 0.00	49.32 -0.35 0.00	44.27 -0.40 0.00	42.16 -0.69 0.00	40.01 -0.78 0.00	38.75 -0.87 0.00	39.06 -1.00 0.00	42.96 -1.01 0.00	50.88 -0.72 0.00	64.28 -1.25 0.00	81.35 -0.90 0.00	78.16 -0.71 0.00	66.48 -0.33 0.00	56.54 0.17 0.00	51.45 0.21 0.00
N.AKRON__115KV_KNAPP 355671	48.38 -2.71 0.00	47.14 -2.48 0.00	45.68 -2.15 0.00	46.22 -1.98 0.00	47.41 -2.18 0.00	55.30 -2.73 0.00	78.72 -3.71 0.00	87.71 -3.56 0.00	63.71 -3.49 0.00	52.76 -1.30 0.00	48.92 -0.75 0.00	43.95 -0.71 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.87 -0.75 0.00	39.38 -0.68 0.00	42.96 -1.01 0.00	50.31 -1.29 0.00	63.24 -2.29 0.00	80.28 -1.97 0.00	77.29 -1.58 0.00	64.21 -2.61 0.00	55.70 -0.68 0.00	50.74 -0.51 0.00
N.BELMOR_69_KV_BK1 55787	54.78 3.68 -0.01	53.06 3.42 -0.01	51.00 3.16 -0.01	51.35 3.13 -0.01	52.83 3.22 -0.01	61.76 3.71 -0.01	90.87 5.61 -2.83	98.21 6.57 -0.37	76.66 4.70 -4.74	57.96 3.89 -0.01	53.05 3.38 0.00	47.08 2.41 0.00	45.04 2.19 0.00	42.87 2.08 0.00	41.77 2.14 0.00	42.58 2.52 0.00	47.31 3.34 0.00	55.33 3.72 -0.01	70.06 4.52 -0.01	87.62 5.35 -0.01	84.09 5.21 -0.01	72.47 4.41 -1.25	66.40 3.33 -6.70	54.74 2.92 -0.57
N.E_GEN_SANDY PD 24062	53.14 2.05 0.00	51.56 1.93 0.00	49.61 1.77 0.00	49.84 1.64 0.00	51.28 1.69 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.74 3.47 0.00	69.36 2.15 0.00	55.52 1.46 0.00	51.01 1.34 0.00	45.92 1.25 0.00	44.18 1.33 0.00	42.13 1.34 0.00	40.93 1.31 0.00	41.46 1.40 0.00	45.64 1.67 0.00	53.20 1.60 0.00	67.76 2.23 0.00	84.72 2.47 0.00	81.46 2.29 -0.30	68.51 2.00 0.30	57.67 1.30 0.00	52.37 1.13 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.49 2.40 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.53 1.93 0.00	60.29 2.26 0.00	86.14 3.71 0.00	95.75 4.47 0.00	70.23 3.02 0.00	56.55 2.49 0.00	51.85 2.19 0.00	46.77 2.10 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.43 2.46 0.00	54.08 2.48 0.00	68.61 3.08 0.00	85.96 3.70 0.00	82.42 3.55 0.00	69.69 2.87 0.00	58.35 1.97 0.00	52.84 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	54.37 3.27 -0.01	52.66 3.03 -0.01	50.52 2.68 -0.01	50.86 2.65 -0.01	52.33 2.73 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.11 5.84 0.00	71.31 4.10 0.00	57.67 3.62 0.01	52.94 3.28 0.01	47.70 3.04 0.01	45.76 2.91 0.01	43.55 2.77 0.01	42.39 2.77 0.01	42.93 2.88 0.01	47.35 3.39 0.01	55.26 3.66 0.01	69.99 4.46 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.37 2.99 -0.01	53.72 2.46 -0.01
N.TROY___115KV_TB1 355778	52.93 1.84 0.00	51.41 1.79 0.00	49.41 1.58 0.00	49.79 1.59 0.00	51.18 1.59 0.00	59.77 1.74 0.00	85.07 2.64 0.00	94.38 3.10 0.00	69.16 1.95 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.56 0.89 0.00	43.75 0.90 0.00	41.72 0.94 0.00	40.58 0.95 0.00	41.06 1.00 0.00	45.16 1.19 0.00	52.94 1.34 0.00	67.56 2.03 0.00	84.56 2.30 0.00	81.08 2.21 0.00	68.75 1.94 0.00	57.73 1.35 0.00	52.48 1.23 0.00
NARROWS_GT1_1 24228	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_2 24229	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_3 24230	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_4 24231	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81

NARROWS_GT1_5 24232	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_6 24233	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_7 24234	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT1_8 24235	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_1 24236	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_2 24237	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_3 24238	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_4 24239	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_5 24240	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_6 24241	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_7 24242	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NARROWS_GT2_8 24243	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.29 2.20 0.00	51.86 2.23 0.00	49.84 2.01 0.00	50.23 2.02 0.00	51.63 2.03 0.00	60.06 2.03 0.00	85.48 3.05 0.00	94.38 3.10 0.00	68.89 1.68 0.00	54.71 0.65 0.00	50.02 0.35 0.00	44.98 0.31 0.00	43.15 0.30 0.00	41.15 0.37 0.00	40.06 0.44 0.00	40.58 0.52 0.00	44.72 0.75 0.00	52.68 1.08 0.00	67.23 1.70 0.00	84.64 2.39 0.00	81.00 2.13 0.00	68.75 1.94 0.00	57.90 1.52 0.00	52.79 1.54 0.00
NCHELSEA_115KV_TR2 355582	53.90 2.81 0.00	52.31 2.68 0.00	50.23 2.39 0.00	50.51 2.31 0.00	51.97 2.38 0.00	60.87 2.84 0.00	86.97 4.53 0.00	96.57 5.29 0.00	70.77 3.56 0.00	56.65 2.59 0.00	51.85 2.19 0.00	46.72 2.05 0.00	44.86 2.01 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.06 2.00 0.00	46.39 2.42 0.00	54.28 2.68 0.00	69.00 3.47 0.00	86.54 4.28 0.00	82.97 4.10 0.00	70.22 3.41 0.00	58.80 2.42 0.00	53.20 1.95 0.00
NEG CAPITAL___MECHNVIL 23645	53.75 2.66 0.00	52.16 2.53 0.00	50.18 2.34 0.00	50.56 2.36 0.00	52.02 2.43 0.00	60.82 2.79 0.00	86.64 4.20 0.00	96.11 4.83 0.00	70.30 3.09 0.00	56.06 2.00 0.00	51.41 1.74 0.00	46.06 1.39 0.00	44.18 1.33 0.00	42.09 1.30 0.00	40.97 1.35 0.00	41.46 1.40 0.00	45.73 1.76 0.00	53.77 2.17 0.00	68.74 3.21 0.00	86.53 4.27 0.00	82.74 3.86 0.00	70.02 3.21 0.00	58.80 2.42 0.00	53.40 2.15 0.00

NEG CENTRAL_HIGH_ACRES 23767	49.56 -1.53 0.00	48.14 -1.49 0.00	46.40 -1.43 0.00	46.95 -1.25 0.00	48.01 -1.59 0.00	56.47 -1.56 0.00	80.21 -2.22 0.00	89.26 -2.01 0.00	65.33 -1.88 0.00	52.98 -1.08 0.00	48.72 -0.95 0.00	43.91 -0.76 0.00	42.03 -0.82 0.00	39.97 -0.82 0.00	38.79 -0.83 0.00	39.30 -0.76 0.00	42.78 -1.19 0.00	50.62 -0.98 0.00	64.02 -1.50 0.00	80.37 -1.89 0.00	77.45 -1.42 0.00	64.94 -1.87 0.00	55.41 -0.96 0.00	50.38 -0.87 0.00
NEG CENTRAL___DRP 24199	51.04 -0.05 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.20 0.00 0.00	49.64 0.05 0.00	58.03 0.00 0.00	82.93 0.49 0.00	92.28 1.00 0.00	67.28 0.07 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.15 0.30 0.00	41.03 0.24 0.00	39.82 0.20 0.00	40.30 0.24 0.00	44.15 0.18 0.00	52.06 0.46 0.00	66.05 0.52 0.00	83.00 0.74 0.00	79.42 0.55 0.00	67.08 0.27 0.00	56.82 0.45 0.00	51.76 0.51 0.00
NEG CENTRAL___INDECK 23768	51.09 0.00 0.00	49.68 0.05 0.00	47.98 0.14 0.00	48.68 0.48 0.00	49.94 0.35 0.00	58.96 0.93 0.00	84.00 1.56 0.00	93.28 2.01 0.00	67.41 0.20 0.00	54.49 0.43 0.00	49.92 0.25 0.00	44.89 0.22 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.59 -0.04 0.00	40.10 0.04 0.00	43.75 -0.22 0.00	52.22 0.62 0.00	66.64 1.11 0.00	84.32 2.06 0.00	81.63 2.76 0.00	68.08 1.27 0.00	58.23 1.86 0.00	52.78 1.54 0.00
NEG CENTRAL___SENECA 23627	51.09 0.00 0.00	49.63 0.00 0.00	47.88 0.05 0.00	48.35 0.14 0.00	49.74 0.15 0.00	58.09 0.06 0.00	83.01 0.58 0.00	92.37 1.10 0.00	67.28 0.07 0.00	54.71 0.65 0.00	50.31 0.65 0.00	45.16 0.49 0.00	43.28 0.43 0.00	41.15 0.37 0.00	39.90 0.28 0.00	40.42 0.36 0.00	44.28 0.31 0.00	52.32 0.72 0.00	66.25 0.72 0.00	83.00 0.74 0.00	79.50 0.63 0.00	67.21 0.40 0.00	57.05 0.68 0.00	52.07 0.82 0.00
NEG CENTRAL___STATE_STREET 24147	51.14 0.05 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.20 0.00 0.00	49.59 0.00 0.00	58.15 0.12 0.00	83.18 0.74 0.00	92.55 1.28 0.00	67.54 0.34 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.15 0.30 0.00	41.07 0.29 0.00	39.86 0.24 0.00	40.34 0.28 0.00	44.23 0.26 0.00	52.12 0.52 0.00	66.25 0.72 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.28 0.47 0.00	56.88 0.51 0.00	51.66 0.41 0.00
NEG MILLWOOD___DRP 24198	54.16 3.07 0.00	52.50 2.88 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.63 5.19 0.00	97.30 6.02 0.00	71.31 4.10 0.00	57.09 3.03 0.00	52.30 2.63 0.00	47.08 2.41 0.00	45.16 2.31 0.00	42.91 2.12 0.00	41.73 2.10 0.00	42.26 2.20 0.00	46.74 2.77 0.00	54.54 2.94 0.00	69.40 3.87 0.00	87.11 4.85 0.00	83.45 4.57 0.00	70.69 3.88 0.00	59.08 2.71 0.00	53.50 2.25 0.00
NEG NORTH_FLCN_SEA 23793	49.30 -1.79 0.00	48.24 -1.39 0.00	46.97 -0.86 0.00	47.57 -0.63 0.00	49.20 -0.40 0.00	57.86 -0.17 0.00	81.28 -1.15 0.00	90.00 -1.28 0.00	66.74 -0.47 0.00	53.95 -0.11 0.00	49.52 -0.15 0.00	44.49 -0.18 0.00	42.42 -0.43 0.00	40.26 -0.53 0.00	38.99 -0.63 0.00	39.30 -0.76 0.00	43.22 -0.75 0.00	51.14 -0.46 0.00	64.74 -0.79 0.00	82.01 -0.25 0.00	78.87 0.00 0.00	66.88 0.07 0.00	56.77 0.39 0.00	51.71 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	48.79 -2.30 0.00	47.69 -1.94 0.00	46.50 -1.34 0.00	47.09 -1.11 0.00	48.65 -0.94 0.00	57.22 -0.81 0.00	80.37 -2.06 0.00	88.81 -2.46 0.00	66.07 -1.14 0.00	53.30 -0.76 0.00	48.92 -0.75 0.00	43.95 -0.71 0.00	41.95 -0.90 0.00	39.77 -1.02 0.00	38.56 -1.07 0.00	38.82 -1.24 0.00	42.69 -1.28 0.00	50.46 -1.14 0.00	64.02 -1.51 0.00	81.11 -1.15 0.00	77.92 -0.95 0.00	66.15 -0.67 0.00	56.15 -0.23 0.00	51.09 -0.15 0.00
NEG NORTH___ALICE_FALLS 23915	49.56 -1.53 0.00	48.44 -1.19 0.00	47.26 -0.57 0.00	47.82 -0.39 0.00	49.45 -0.15 0.00	58.26 0.23 0.00	81.69 -0.74 0.00	90.54 -0.73 0.00	67.01 -0.20 0.00	54.28 0.22 0.00	49.82 0.15 0.00	44.71 0.04 0.00	42.59 -0.26 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.50 -0.56 0.00	43.49 -0.48 0.00	51.50 -0.10 0.00	65.07 -0.46 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.81 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	49.56 -1.53 0.00	48.44 -1.19 0.00	47.26 -0.57 0.00	47.82 -0.39 0.00	49.45 -0.15 0.00	58.26 0.23 0.00	81.69 -0.74 0.00	90.54 -0.73 0.00	67.01 -0.20 0.00	54.28 0.22 0.00	49.82 0.15 0.00	44.71 0.04 0.00	42.59 -0.26 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.50 -0.56 0.00	43.49 -0.48 0.00	51.50 -0.10 0.00	65.07 -0.46 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.81 0.56 0.00
NEG NORTH___PLATTSBURG 23628	49.66 -1.43 0.00	48.43 -1.19 0.00	47.26 -0.57 0.00	47.81 -0.39 0.00	49.45 -0.15 0.00	58.21 0.17 0.00	81.86 -0.57 0.00	90.54 -0.73 0.00	67.01 -0.20 0.00	54.28 0.22 0.00	49.82 0.15 0.00	44.71 0.04 0.00	42.59 -0.26 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.50 -0.56 0.00	43.49 -0.48 0.00	51.50 -0.10 0.00	65.07 -0.46 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.81 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	47.36 -3.73 0.00	46.15 -3.47 0.00	44.77 -3.06 0.00	45.26 -2.94 0.00	46.42 -3.17 0.00	54.08 -3.95 0.00	76.83 -5.61 0.00	85.34 -5.93 0.00	62.10 -5.11 0.00	51.74 -2.32 0.00	48.08 -1.59 0.00	43.24 -1.43 0.00	41.52 -1.33 0.00	39.44 -1.35 0.00	38.20 -1.43 0.00	38.74 -1.32 0.00	42.25 -1.71 0.00	49.17 -2.43 0.00	61.73 -3.80 0.00	78.31 -3.95 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00
NEG WEST___LANCASTER 23811	47.87 -3.22 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.72 -3.31 0.00	77.98 -4.45 0.00	87.26 -4.02 0.00	63.58 -3.63 0.00	52.82 -1.24 0.00	48.97 -0.70 0.00	43.95 -0.71 0.00	42.21 -0.64 0.00	40.13 -0.65 0.00	38.79 -0.83 0.00	39.38 -0.68 0.00	43.05 -0.92 0.00	50.05 -1.55 0.00	62.78 -2.75 0.00	79.79 -2.47 0.00	76.82 -2.05 0.00	63.74 -3.07 0.00	55.19 -1.18 0.00	49.97 -1.28 0.00
NEG_PENN_ALLEGHNY 23528	51.24 0.15 0.00	49.73 0.10 0.00	47.93 0.10 0.00	48.35 0.15 0.00	49.69 0.10 0.00	58.38 0.35 0.00	83.09 0.66 0.00	92.55 1.28 0.00	67.55 0.34 0.00	54.60 0.54 0.00	50.22 0.55 0.00	45.16 0.49 0.00	43.28 0.43 0.00	41.24 0.45 0.00	40.02 0.40 0.00	40.46 0.40 0.00	44.32 0.35 0.00	52.12 0.52 0.00	66.05 0.52 0.00	83.00 0.74 0.00	79.74 0.87 0.00	67.15 0.34 0.00	56.88 0.51 0.00	51.66 0.41 0.00
NEG___GEN_MONROE 24207	49.81 -1.28 0.00	48.39 -1.24 0.00	46.83 -1.00 0.00	47.33 -0.87 0.00	48.60 -0.99 0.00	56.87 -1.16 0.00	81.03 -1.40 0.00	90.00 -1.28 0.00	65.46 -1.75 0.00	53.47 -0.59 0.00	49.37 -0.30 0.00	44.36 -0.31 0.00	42.55 -0.30 0.00	40.42 -0.37 0.00	39.27 -0.36 0.00	39.74 -0.32 0.00	43.27 -0.70 0.00	51.03 -0.57 0.00	64.55 -0.98 0.00	81.68 -0.58 0.00	78.56 -0.32 0.00	65.68 -1.14 0.00	56.37 0.00 0.00	51.35 0.10 0.00

NEPA__ENERGY 23901	48.84 -2.25 0.00	47.59 -2.03 0.00	46.07 -1.77 0.00	46.61 -1.59 0.00	47.86 -1.74 0.00	55.88 -2.15 0.00	79.63 -2.80 0.00	88.53 -2.74 0.00	64.52 -2.69 0.00	53.63 -0.43 0.00	49.72 0.05 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.39 -0.24 0.00	39.98 -0.08 0.00	43.71 -0.26 0.00	50.77 -0.83 0.00	63.69 -1.83 0.00	80.94 -1.32 0.00	77.92 -0.95 0.00	64.61 -2.20 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00
NEVERSink__HYD 23608	54.16 3.07 0.00	52.65 3.03 0.00	50.61 2.77 0.00	50.90 2.70 0.00	52.37 2.78 0.00	61.28 3.25 0.00	87.63 5.20 0.00	97.30 6.02 0.00	71.38 4.17 0.00	56.92 2.86 0.00	51.95 2.29 0.00	46.77 2.10 0.00	44.95 2.10 0.00	42.74 1.96 0.00	41.53 1.90 0.00	42.14 2.08 0.00	46.52 2.55 0.00	54.64 3.04 0.00	69.39 3.87 0.00	87.53 5.27 0.00	83.68 4.81 0.00	70.89 4.08 0.00	59.36 2.99 0.00	53.76 2.51 0.00
NEWKRMKL_115KV_TB1 55635	52.47 1.38 0.00	51.02 1.39 0.00	49.08 1.24 0.00	49.41 1.21 0.00	50.78 1.19 0.00	58.84 0.81 0.00	83.51 1.07 0.00	92.64 1.37 0.00	68.02 0.81 0.00	54.55 0.49 0.00	50.17 0.50 0.00	45.16 0.49 0.00	43.36 0.51 0.00	41.40 0.61 0.00	40.26 0.63 0.00	40.74 0.68 0.00	44.72 0.75 0.00	52.27 0.67 0.00	66.38 0.85 0.00	83.08 0.82 0.00	79.58 0.71 0.00	67.48 0.67 0.00	56.88 0.51 0.00	52.02 0.77 0.00
NEWTON__FALLS_HYD 23847	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.44 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.26 -2.01 0.00	65.86 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.96 -1.89 0.00	38.83 -1.96 0.00	37.72 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.56 -1.97 0.00	80.20 -2.06 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
NGRID_A1_DSASP 323792	46.80 -4.29 0.00	45.70 -3.92 0.00	44.06 -3.78 0.00	44.78 -3.42 0.00	45.73 -3.87 0.00	53.97 -4.06 0.00	75.68 -6.76 0.00	83.79 -7.48 0.00	61.70 -5.51 0.00	51.09 -2.97 0.00	47.29 -2.38 0.00	42.75 -1.92 0.00	40.84 -2.01 0.00	38.87 -1.92 0.00	37.76 -1.86 0.00	38.34 -1.72 0.00	41.47 -2.50 0.00	48.51 -3.09 0.00	60.75 -4.78 0.00	75.76 -6.50 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
NGRID_A2_DSASP 323793	46.80 -4.29 0.00	45.70 -3.92 0.00	44.06 -3.78 0.00	44.78 -3.42 0.00	45.73 -3.87 0.00	53.97 -4.06 0.00	75.68 -6.76 0.00	83.79 -7.48 0.00	61.70 -5.51 0.00	51.09 -2.97 0.00	47.29 -2.38 0.00	42.75 -1.92 0.00	40.84 -2.01 0.00	38.87 -1.92 0.00	37.76 -1.86 0.00	38.34 -1.72 0.00	41.47 -2.50 0.00	48.51 -3.09 0.00	60.75 -4.78 0.00	75.76 -6.50 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
NGRID_A4_DSASP 323807	46.80 -4.29 0.00	45.70 -3.92 0.00	44.06 -3.78 0.00	44.78 -3.42 0.00	45.73 -3.87 0.00	53.97 -4.06 0.00	75.68 -6.76 0.00	83.79 -7.48 0.00	61.70 -5.51 0.00	51.09 -2.97 0.00	47.29 -2.38 0.00	42.75 -1.92 0.00	40.84 -2.01 0.00	38.87 -1.92 0.00	37.76 -1.86 0.00	38.34 -1.72 0.00	41.47 -2.50 0.00	48.51 -3.09 0.00	60.75 -4.78 0.00	75.76 -6.50 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
NIAGARA_115E_LBMP 323715	46.65 -4.45 0.00	45.51 -4.12 0.00	43.91 -3.92 0.00	44.63 -3.57 0.00	45.58 -4.02 0.00	53.80 -4.23 0.00	75.51 -6.92 0.00	83.70 -7.57 0.00	61.56 -5.65 0.00	50.87 -3.19 0.00	47.14 -2.53 0.00	42.57 -2.10 0.00	40.67 -2.18 0.00	38.71 -2.08 0.00	37.61 -2.02 0.00	38.18 -1.88 0.00	41.29 -2.68 0.00	48.35 -3.25 0.00	60.61 -4.92 0.00	75.67 -6.58 0.00	74.06 -4.81 0.00	61.47 -5.35 0.00	53.67 -2.70 0.00	48.99 -2.25 0.00
NIAGARA_115W_LBMP 323714	46.70 -4.39 0.00	45.56 -4.07 0.00	43.91 -3.92 0.00	44.63 -3.57 0.00	45.58 -4.02 0.00	53.80 -4.23 0.00	75.43 -7.01 0.00	83.51 -7.76 0.00	61.50 -5.71 0.00	50.92 -3.14 0.00	47.14 -2.53 0.00	42.62 -2.05 0.00	40.71 -2.14 0.00	38.75 -2.04 0.00	37.65 -1.98 0.00	38.22 -1.84 0.00	41.33 -2.64 0.00	48.35 -3.25 0.00	60.55 -4.98 0.00	75.51 -6.74 0.00	73.90 -4.97 0.00	61.40 -5.41 0.00	53.67 -2.70 0.00	48.99 -2.25 0.00
NIAGARA_230_LBMP 323716	47.16 -3.93 0.00	46.01 -3.62 0.00	44.39 -3.44 0.00	45.07 -3.13 0.00	46.02 -3.57 0.00	54.32 -3.72 0.00	76.25 -6.18 0.00	84.43 -6.85 0.00	62.17 -5.04 0.00	51.41 -2.65 0.00	47.58 -2.08 0.00	43.02 -1.65 0.00	41.09 -1.76 0.00	39.11 -1.67 0.00	38.00 -1.63 0.00	38.58 -1.48 0.00	41.73 -2.24 0.00	48.86 -2.74 0.00	61.20 -4.33 0.00	76.33 -5.92 0.00	74.69 -4.18 0.00	62.07 -4.74 0.00	54.17 -2.20 0.00	49.45 -1.80 0.00
NIAGARA__115KV_198_GIBSON 55903	46.54 -4.55 0.00	45.41 -4.22 0.00	44.01 -3.83 0.00	44.49 -3.71 0.00	45.58 -4.02 0.00	53.04 -4.99 0.00	75.18 -7.25 0.00	83.42 -7.85 0.00	60.82 -6.38 0.00	50.92 -3.14 0.00	47.38 -2.28 0.00	42.61 -2.05 0.00	40.92 -1.93 0.00	38.91 -1.88 0.00	37.68 -1.94 0.00	38.22 -1.84 0.00	41.68 -2.29 0.00	48.35 -3.25 0.00	60.55 -4.98 0.00	76.66 -5.59 0.00	73.90 -4.97 0.00	61.40 -5.41 0.00	53.67 -2.71 0.00	48.99 -2.25 0.00
NIAGARA____ 23760	47.16 -3.93 0.00	46.01 -3.62 0.00	44.39 -3.44 0.00	45.07 -3.13 0.00	46.02 -3.57 0.00	54.32 -3.72 0.00	76.25 -6.18 0.00	84.43 -6.85 0.00	62.17 -5.04 0.00	51.41 -2.65 0.00	47.58 -2.08 0.00	43.02 -1.65 0.00	41.09 -1.76 0.00	39.11 -1.67 0.00	38.00 -1.63 0.00	38.58 -1.48 0.00	41.73 -2.24 0.00	48.86 -2.74 0.00	61.20 -4.33 0.00	76.33 -5.92 0.00	74.69 -4.18 0.00	62.07 -4.74 0.00	54.17 -2.20 0.00	49.45 -1.80 0.00
NINE_MILE_1 23575	49.82 -1.28 0.00	48.39 -1.24 0.00	46.64 -1.19 0.00	47.00 -1.20 0.00	48.36 -1.24 0.00	56.70 -1.33 0.00	80.70 -1.74 0.00	89.54 -1.74 0.00	65.73 -1.48 0.00	52.92 -1.14 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	41.95 -0.90 0.00	39.93 -0.86 0.00	38.79 -0.83 0.00	39.22 -0.84 0.00	42.96 -1.01 0.00	50.46 -1.14 0.00	64.09 -1.44 0.00	80.45 -1.81 0.00	77.21 -1.66 0.00	65.28 -1.53 0.00	55.13 -1.24 0.00	50.12 -1.13 0.00
NINE_MILE_2 23744	49.82 -1.28 0.00	48.39 -1.24 0.00	46.64 -1.19 0.00	47.00 -1.20 0.00	48.36 -1.24 0.00	56.70 -1.33 0.00	80.70 -1.74 0.00	89.54 -1.74 0.00	65.73 -1.48 0.00	52.92 -1.14 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	41.95 -0.90 0.00	39.93 -0.86 0.00	38.79 -0.83 0.00	39.22 -0.84 0.00	42.96 -1.01 0.00	50.46 -1.14 0.00	64.09 -1.44 0.00	80.45 -1.81 0.00	77.21 -1.66 0.00	65.28 -1.53 0.00	55.13 -1.24 0.00	50.12 -1.13 0.00
NM_CAPITAL__DRP 24208	52.52 1.43 0.00	51.07 1.44 0.00	49.08 1.24 0.00	49.41 1.21 0.00	50.83 1.24 0.00	58.96 0.93 0.00	83.75 1.32 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.65 0.59 0.00	50.26 0.60 0.00	45.25 0.58 0.00	43.45 0.60 0.00	41.48 0.69 0.00	40.34 0.71 0.00	40.82 0.76 0.00	44.81 0.84 0.00	52.37 0.77 0.00	66.51 0.98 0.00	83.16 0.90 0.00	79.74 0.87 0.00	67.68 0.87 0.00	56.99 0.62 0.00	52.02 0.77 0.00

NM_CENTRAL___DRP 24181	50.78 -0.31 0.00	49.33 -0.30 0.00	47.50 -0.33 0.00	47.86 -0.34 0.00	49.25 -0.35 0.00	57.68 -0.35 0.00	82.43 0.00 0.00	91.64 0.37 0.00	67.01 -0.20 0.00	54.06 0.00 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.88 -0.09 0.00	51.60 0.00 0.00	65.53 0.00 0.00	82.42 0.16 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.26 -0.11 0.00	51.09 -0.15 0.00
NM_FRONTIER___DRP 24179	46.54 -4.55 0.00	45.41 -4.22 0.00	44.01 -3.83 0.00	44.49 -3.71 0.00	45.58 -4.02 0.00	53.04 -4.99 0.00	75.18 -7.25 0.00	83.42 -7.85 0.00	60.82 -6.38 0.00	50.92 -3.14 0.00	47.38 -2.28 0.00	42.61 -2.05 0.00	40.92 -1.93 0.00	38.91 -1.88 0.00	37.68 -1.94 0.00	38.22 -1.84 0.00	41.68 -2.29 0.00	48.35 -3.25 0.00	60.55 -4.98 0.00	76.66 -5.59 0.00	73.90 -4.97 0.00	61.40 -5.41 0.00	53.67 -2.71 0.00	48.99 -2.25 0.00
NM_ST_REGIS___HYD 24053	49.15 -1.94 0.00	47.99 -1.64 0.00	46.54 -1.29 0.00	47.04 -1.16 0.00	48.45 -1.14 0.00	56.99 -1.04 0.00	79.71 -2.72 0.00	87.99 -3.29 0.00	65.60 -1.61 0.00	52.76 -1.30 0.00	48.38 -1.29 0.00	43.42 -1.25 0.00	41.39 -1.46 0.00	39.28 -1.51 0.00	38.12 -1.51 0.00	38.46 -1.60 0.00	42.25 -1.71 0.00	50.05 -1.55 0.00	63.37 -2.16 0.00	79.71 -2.55 0.00	76.58 -2.29 0.00	65.48 -1.34 0.00	55.58 -0.79 0.00	50.63 -0.61 0.00
NORTHPORT___1 23551	54.67 3.58 -0.01	52.96 3.33 -0.01	51.00 3.16 -0.01	51.20 2.99 -0.01	52.78 3.18 -0.01	61.58 3.54 -0.01	89.47 5.03 -2.01	97.64 6.12 -0.25	75.34 4.77 -3.36	57.75 3.68 -0.01	52.40 2.73 0.00	46.50 1.83 0.00	44.48 1.63 0.00	42.34 1.55 0.00	41.21 1.59 0.00	41.94 1.88 0.00	46.87 2.90 0.00	54.50 2.89 -0.01	69.85 4.32 0.00	87.28 5.02 0.00	83.52 4.65 0.00	71.56 3.87 -0.88	64.05 2.93 -4.74	54.22 2.56 -0.41
NORTHPORT___2 23552	54.67 3.58 -0.01	52.96 3.33 -0.01	51.00 3.16 -0.01	51.20 2.99 -0.01	52.78 3.18 -0.01	61.58 3.54 -0.01	89.47 5.03 -2.01	97.64 6.12 -0.25	75.34 4.77 -3.36	57.75 3.68 -0.01	52.40 2.73 0.00	46.50 1.83 0.00	44.48 1.63 0.00	42.34 1.55 0.00	41.21 1.59 0.00	41.94 1.88 0.00	46.87 2.90 0.00	54.50 2.89 -0.01	69.85 4.32 0.00	87.28 5.02 0.00	83.52 4.65 0.00	71.56 3.87 -0.88	64.05 2.93 -4.74	54.22 2.56 -0.41
NORTHPORT___3 23553	54.98 3.88 -0.01	53.31 3.67 -0.01	51.33 3.49 -0.01	51.58 3.37 -0.01	53.12 3.52 -0.01	61.99 3.95 -0.01	90.31 5.85 -2.02	98.19 6.66 -0.26	75.64 5.04 -3.39	58.23 4.16 -0.01	53.05 3.38 0.00	46.95 2.28 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.30 2.24 0.00	47.31 3.34 0.00	55.12 3.51 -0.01	70.06 4.52 -0.01	85.97 3.71 -0.01	82.51 3.63 -0.01	71.58 3.87 -0.89	64.54 3.38 -4.79	54.58 2.92 -0.41
NORTHPORT___4 23650	54.98 3.88 -0.01	53.31 3.67 -0.01	51.33 3.49 -0.01	51.58 3.37 -0.01	53.12 3.52 -0.01	61.99 3.95 -0.01	90.31 5.85 -2.02	98.19 6.66 -0.26	75.64 5.04 -3.39	58.23 4.16 -0.01	53.05 3.38 0.00	46.95 2.28 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.30 2.24 0.00	47.31 3.34 0.00	55.12 3.51 -0.01	70.06 4.52 -0.01	85.97 3.71 -0.01	82.51 3.63 -0.01	71.58 3.87 -0.89	64.54 3.38 -4.79	54.58 2.92 -0.41
NORTHPORT___IC 23718	54.68 3.58 -0.01	52.91 3.28 -0.01	50.86 3.01 -0.01	51.10 2.89 -0.01	52.68 3.07 -0.01	61.58 3.54 -0.01	89.55 5.11 -2.01	97.46 5.93 -0.26	75.34 4.77 -3.36	57.74 3.68 -0.01	52.65 2.98 0.00	46.46 1.79 0.00	44.39 1.54 0.00	42.30 1.51 0.00	41.25 1.62 0.00	42.18 2.12 0.00	46.83 2.86 0.00	54.60 2.99 -0.01	69.86 4.32 -0.01	87.04 4.77 -0.01	83.53 4.65 -0.01	71.57 3.88 -0.88	64.05 2.93 -4.74	54.27 2.61 -0.41
NORTH___COUNTRY_ESR 323785	48.84 -2.25 0.00	47.69 -1.94 0.00	46.50 -1.34 0.00	47.04 -1.16 0.00	48.65 -0.94 0.00	57.22 -0.81 0.00	80.62 -1.81 0.00	88.81 -2.46 0.00	66.00 -1.21 0.00	53.30 -0.76 0.00	48.92 -0.74 0.00	43.95 -0.72 0.00	41.95 -0.90 0.00	39.81 -0.98 0.00	38.56 -1.07 0.00	38.82 -1.24 0.00	42.69 -1.28 0.00	50.46 -1.14 0.00	64.02 -1.50 0.00	80.94 -1.32 0.00	77.77 -1.10 0.00	66.01 -0.80 0.00	55.98 -0.39 0.00	50.99 -0.25 0.00
NPX_GEN_1385_PROXY 323591	54.67 3.58 -0.01	52.86 3.22 -0.01	50.86 3.02 -0.01	51.05 2.84 -0.01	52.63 3.03 -0.01	61.46 3.42 -0.01	89.22 4.78 -2.01	97.09 5.57 -0.25	75.61 5.04 -3.36	57.37 3.30 -0.01	51.75 2.09 0.00	45.92 1.25 0.00	43.88 1.03 0.00	41.81 1.02 0.00	40.62 0.99 0.00	41.34 1.28 0.00	45.90 1.93 0.00	53.31 1.70 -0.01	68.68 3.15 0.00	85.55 3.29 0.00	82.96 3.79 -0.30	70.13 2.74 -0.57	62.87 1.75 -4.74	53.09 1.43 -0.41
NPX_GEN_CSC 323557	55.24 4.14 -0.01	53.46 3.82 -0.01	51.43 3.59 -0.01	51.34 3.13 -0.01	53.27 3.67 -0.01	62.16 4.12 -0.01	90.82 6.35 -2.03	99.29 7.75 -0.26	76.39 5.78 -3.41	58.34 4.27 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.39 2.78 -0.01	71.31 5.77 -0.01	88.76 6.50 -0.01	85.34 6.16 -0.31	72.42 5.01 -0.59	64.90 3.72 -4.81	54.99 3.33 -0.41
NSINS_S_GLNS_FALLS 23858	54.26 3.17 0.00	52.70 3.08 0.00	50.66 2.82 0.00	51.14 2.94 0.00	52.62 3.03 0.00	61.74 3.71 0.00	88.12 5.69 0.00	97.48 6.21 0.00	71.31 4.10 0.00	56.60 2.54 0.00	51.80 2.14 0.00	46.32 1.65 0.00	44.44 1.59 0.00	42.26 1.47 0.00	41.17 1.55 0.00	41.66 1.60 0.00	45.99 2.02 0.00	54.33 2.73 0.00	69.66 4.13 0.00	87.93 5.68 0.00	84.08 5.21 0.00	71.02 4.21 0.00	59.59 3.21 0.00	54.07 2.82 0.00
NUCOR_STEEL___DRP 24197	51.35 0.26 0.00	49.87 0.25 0.00	48.07 0.24 0.00	48.39 0.19 0.00	49.84 0.25 0.00	58.38 0.35 0.00	83.42 0.99 0.00	92.73 1.46 0.00	67.68 0.47 0.00	54.60 0.54 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.24 0.39 0.00	41.11 0.33 0.00	39.94 0.32 0.00	40.38 0.32 0.00	44.28 0.31 0.00	52.17 0.57 0.00	66.38 0.85 0.00	83.57 1.32 0.00	79.98 1.10 0.00	67.42 0.60 0.00	56.99 0.62 0.00	51.81 0.56 0.00
NUMBER_THREE_WT_PWR 323818	50.27 -0.82 0.00	48.98 -0.65 0.00	47.40 -0.43 0.00	47.87 -0.34 0.00	49.35 -0.25 0.00	58.15 0.12 0.00	84.00 1.56 0.00	93.00 1.73 0.00	68.08 0.87 0.00	53.52 -0.54 0.00	49.02 -0.65 0.00	43.82 -0.85 0.00	41.78 -1.07 0.00	39.52 -1.26 0.00	38.40 -1.23 0.00	38.98 -1.08 0.00	42.74 -1.23 0.00	50.93 -0.67 0.00	65.46 -0.07 0.00	82.91 0.66 0.00	79.50 0.63 0.00	67.28 0.47 0.00	56.54 0.17 0.00	51.81 0.56 0.00
NYISO_LBMP_REFERENCE 24008	51.09 0.00 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.20 0.00 0.00	49.59 0.00 0.00	58.03 0.00 0.00	82.43 0.00 0.00	91.27 0.00 0.00	67.21 0.00 0.00	54.06 0.00 0.00	49.67 0.00 0.00	44.67 0.00 0.00	42.85 0.00 0.00	40.79 0.00 0.00	39.63 0.00 0.00	40.06 0.00 0.00	43.97 0.00 0.00	51.60 0.00 0.00	65.53 0.00 0.00	82.26 0.00 0.00	78.87 0.00 0.00	66.81 0.00 0.00	56.37 0.00 0.00	51.25 0.00 0.00

NYPA_BRENTWD____GT 24164	55.44 4.34 -0.01	53.65 4.02 -0.01	51.62 3.78 -0.01	51.83 3.62 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.01 6.51 -2.07	99.48 7.94 -0.27	76.45 5.78 -3.46	58.50 4.43 -0.01	53.09 3.42 0.00	47.08 2.41 0.00	44.82 1.97 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.46 2.40 0.00	47.58 3.61 0.00	55.37 3.76 -0.01	71.10 5.57 -0.01	88.93 6.66 -0.01	85.19 6.31 -0.01	72.94 5.21 -0.91	65.21 3.94 -4.89	55.10 3.43 -0.42
NYPA_GOWANUS____GT5 24156	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NYPA_GOWANUS____GT6 24157	59.43 3.88 -4.45	58.56 3.62 -5.32	58.60 3.35 -7.42	58.66 3.28 -7.18	58.66 3.42 -5.65	61.80 3.77 0.00	87.63 5.20 0.00	98.21 6.93 0.00	71.84 4.63 0.00	66.57 4.06 -8.45	71.27 3.73 -17.88	76.32 3.39 -28.25	75.98 3.26 -29.88	78.02 3.10 -34.13	63.14 3.09 -20.42	63.08 3.21 -19.82	76.62 3.78 -28.87	71.89 4.08 -16.21	70.58 5.05 0.00	88.51 6.25 0.00	84.79 5.92 0.00	71.56 4.74 0.00	62.95 3.61 -2.97	60.13 3.07 -5.81
NYPA_HARLEM_RVR__GT1 24160	54.52 3.42 -0.01	52.81 3.18 -0.01	50.76 2.92 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.22 3.19 0.00	86.64 4.20 0.00	97.11 5.85 0.01	71.10 3.90 0.01	57.56 3.51 0.01	52.94 3.28 0.01	47.65 2.99 0.01	45.76 2.92 0.01	43.55 2.77 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.20 3.61 0.01	69.91 4.39 0.01	87.68 5.43 0.01	83.92 5.05 0.01	70.81 4.01 0.01	59.31 2.93 -0.01	53.72 2.46 -0.01
NYPA_HARLEM_RVR__GT2 24161	54.52 3.42 -0.01	52.81 3.18 -0.01	50.76 2.92 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.22 3.19 0.00	86.64 4.20 0.00	97.11 5.85 0.01	71.10 3.90 0.01	57.56 3.51 0.01	52.94 3.28 0.01	47.65 2.99 0.01	45.76 2.92 0.01	43.55 2.77 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.20 3.61 0.01	69.91 4.39 0.01	87.68 5.43 0.01	83.92 5.05 0.01	70.81 4.01 0.01	59.31 2.93 -0.01	53.72 2.46 -0.01
NYPA_KENT____GT 24152	57.37 3.73 -2.55	56.10 3.42 -3.05	55.29 3.21 -4.25	55.45 3.13 -4.11	56.05 3.22 -3.24	61.57 3.54 0.00	87.38 4.95 0.00	98.03 6.75 0.00	71.71 4.50 0.00	64.65 3.94 -6.65	68.02 3.62 -14.73	71.28 3.31 -23.31	70.85 3.17 -24.83	72.19 3.06 -28.34	55.77 3.01 -13.14	55.93 3.13 -12.75	71.48 3.69 -23.82	68.96 3.97 -13.39	70.38 4.85 0.00	88.26 6.00 0.00	84.55 5.68 0.00	71.36 4.55 0.00	61.57 3.44 -1.76	57.60 2.92 -3.43
NYPA_POUCH1____GT 24155	59.33 3.78 -4.45	58.47 3.52 -5.32	58.51 3.25 -7.42	58.51 3.13 -7.18	58.52 3.27 -5.65	61.57 3.54 0.00	87.12 4.70 0.01	97.75 6.48 0.01	71.51 4.31 0.01	66.29 3.78 -8.45	70.97 3.42 -17.88	76.05 3.13 -28.25	75.77 3.04 -29.88	77.81 2.90 -34.13	62.94 2.89 -20.42	62.88 3.01 -19.82	76.40 3.56 -28.87	71.63 3.82 -16.21	70.30 4.78 0.01	88.18 5.93 0.00	84.46 5.60 0.01	71.28 4.48 0.01	62.78 3.44 -2.97	60.02 2.97 -5.81
NYPA_VERNON____GT2 24162	55.27 3.52 -0.65	53.68 3.27 -0.78	51.98 3.06 -1.08	52.19 2.94 -1.05	53.50 3.08 -0.83	61.45 3.42 0.00	87.30 4.86 0.00	97.85 6.58 0.00	71.57 4.37 0.00	62.75 3.84 -4.85	64.78 3.53 -11.58	66.29 3.26 -18.36	65.75 3.13 -19.78	66.31 2.98 -22.55	48.41 2.93 -5.85	48.78 3.04 -5.68	66.33 3.61 -18.76	66.04 3.87 -10.57	70.31 4.78 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.22 4.41 0.00	60.19 3.27 -0.55	55.07 2.77 -1.06
NYPA_VERNON____GT3 24163	55.27 3.52 -0.65	53.68 3.27 -0.78	51.98 3.06 -1.08	52.19 2.94 -1.05	53.50 3.08 -0.83	61.45 3.42 0.00	87.30 4.86 0.00	97.85 6.58 0.00	71.57 4.37 0.00	62.75 3.84 -4.85	64.78 3.53 -11.58	66.29 3.26 -18.36	65.75 3.13 -19.78	66.31 2.98 -22.55	48.41 2.93 -5.85	48.78 3.04 -5.68	66.33 3.61 -18.76	66.04 3.87 -10.57	70.31 4.78 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.22 4.41 0.00	60.19 3.27 -0.55	55.07 2.77 -1.06
NYPA____ASTORIA_CC1 323568	54.62 3.52 -0.01	52.91 3.27 -0.01	50.86 3.02 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.45 3.42 0.00	87.13 4.70 0.00	97.66 6.39 0.00	71.51 4.31 0.00	61.49 3.78 -3.65	62.25 3.53 -9.05	62.25 3.22 -14.36	61.49 3.09 -15.55	61.49 2.98 -17.73	45.43 2.89 -2.91	45.89 3.01 -2.82	62.25 3.61 -14.67	63.75 3.87 -8.28	70.25 4.72 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
NYPA____ASTORIA_CC2 323569	54.62 3.52 -0.01	52.91 3.27 -0.01	50.86 3.02 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.45 3.42 0.00	87.13 4.70 0.00	97.66 6.39 0.00	71.51 4.31 0.00	61.49 3.78 -3.65	62.25 3.53 -9.05	62.25 3.22 -14.36	61.49 3.09 -15.55	61.49 2.98 -17.73	45.43 2.89 -2.91	45.89 3.01 -2.82	62.25 3.61 -14.67	63.75 3.87 -8.28	70.25 4.72 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
NYPA____HOLTSVILL 23794	55.14 4.04 -0.01	53.40 3.77 -0.01	51.38 3.54 -0.01	51.53 3.32 -0.01	53.22 3.62 -0.01	62.10 4.06 -0.01	90.57 6.10 -2.03	99.02 7.49 -0.26	76.05 5.44 -3.40	58.23 4.16 -0.01	52.80 3.13 0.00	46.73 2.06 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.22 2.16 0.00	47.31 3.34 0.00	54.91 3.31 -0.01	70.91 5.37 -0.01	88.52 6.25 -0.01	84.80 5.92 -0.01	72.52 4.81 -0.90	64.84 3.66 -4.80	54.89 3.23 -0.41
NYPA____HELLGATE_GT1 24158	54.52 3.42 -0.01	52.81 3.18 -0.01	50.76 2.92 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.22 3.19 0.00	86.64 4.20 0.00	97.11 5.85 0.01	71.10 3.90 0.01	57.56 3.51 0.01	52.94 3.28 0.01	47.65 2.99 0.01	45.76 2.92 0.01	43.55 2.77 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.20 3.61 0.01	69.91 4.39 0.01	87.68 5.43 0.01	83.92 5.05 0.01	70.81 4.01 0.01	59.31 2.93 -0.01	53.72 2.46 -0.01
NYPA____HELLGATE_GT2 24159	54.52 3.42 -0.01	52.81 3.18 -0.01	50.76 2.92 -0.01	51.05 2.84 -0.01	52.53 2.93 -0.01	61.22 3.19 0.00	86.64 4.20 0.00	97.11 5.85 0.01	71.10 3.90 0.01	57.56 3.51 0.01	52.94 3.28 0.01	47.65 2.99 0.01	45.76 2.92 0.01	43.55 2.77 0.01	42.31 2.70 0.01	42.85 2.80 0.01	47.35 3.39 0.01	55.20 3.61 0.01	69.91 4.39 0.01	87.68 5.43 0.01	83.92 5.05 0.01	70.81 4.01 0.01	59.31 2.93 -0.01	53.72 2.46 -0.01
NYS_BARGE____HYD 23848	47.46 -3.63 0.00	46.30 -3.32 0.00	44.68 -3.16 0.00	45.40 -2.80 0.00	46.37 -3.22 0.00	54.78 -3.25 0.00	77.08 -5.36 0.00	85.53 -5.75 0.00	62.77 -4.44 0.00	51.74 -2.32 0.00	47.88 -1.79 0.00	43.24 -1.43 0.00	41.31 -1.54 0.00	39.32 -1.47 0.00	38.16 -1.47 0.00	38.74 -1.32 0.00	41.95 -2.02 0.00	49.23 -2.37 0.00	61.80 -3.73 0.00	77.24 -5.02 0.00	75.48 -3.39 0.00	62.67 -4.14 0.00	54.63 -1.75 0.00	49.81 -1.43 0.00

OAK ORCHARD___HYD 24046	49.76 -1.33 0.00	48.39 -1.24 0.00	46.64 -1.19 0.00	47.24 -0.96 0.00	48.40 -1.19 0.00	56.99 -1.04 0.00	80.79 -1.65 0.00	89.81 -1.46 0.00	65.79 -1.41 0.00	53.52 -0.54 0.00	49.27 -0.40 0.00	44.40 -0.27 0.00	42.51 -0.34 0.00	40.42 -0.37 0.00	39.27 -0.36 0.00	39.78 -0.28 0.00	43.26 -0.71 0.00	51.13 -0.47 0.00	64.55 -0.98 0.00	80.94 -1.32 0.00	78.32 -0.55 0.00	65.54 -1.27 0.00	56.15 -0.22 0.00	51.04 -0.20 0.00
OAKDALE___35_KV_LOAD 356122	51.04 -0.05 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.15 -0.05 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	82.76 0.33 0.00	92.19 0.91 0.00	67.14 -0.07 0.00	54.44 0.38 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.24 0.39 0.00	41.15 0.37 0.00	39.90 0.28 0.00	40.38 0.32 0.00	44.28 0.31 0.00	51.96 0.36 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.42 0.55 0.00	66.95 0.13 0.00	56.71 0.34 0.00	51.50 0.26 0.00
OCC_CHEM___DRP 24175	46.70 -4.39 0.00	45.56 -4.07 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.70 -7.58 0.00	61.03 -6.18 0.00	51.09 -2.97 0.00	47.53 -2.14 0.00	42.75 -1.92 0.00	41.05 -1.80 0.00	39.03 -1.75 0.00	37.80 -1.82 0.00	38.34 -1.72 0.00	41.82 -2.15 0.00	48.50 -3.10 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.14 -4.73 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
OH_GEN_PROXY 24063	47.26 -3.83 0.00	46.10 -3.52 0.00	44.44 -3.40 0.00	45.11 -3.09 0.00	46.12 -3.47 0.00	54.38 -3.65 0.00	76.42 -6.01 0.00	84.61 -6.66 0.00	62.31 -4.90 0.00	51.52 -2.54 0.00	47.68 -1.99 0.00	43.06 -1.61 0.00	41.18 -1.67 0.00	39.20 -1.59 0.00	38.04 -1.59 0.00	38.62 -1.44 0.00	41.82 -2.15 0.00	48.97 -2.63 0.00	61.33 -4.20 0.00	76.58 -5.67 0.00	75.15 -4.02 -0.30	61.90 -4.61 0.30	54.23 -2.14 0.00	49.45 -1.80 0.00
OLIN_CORP_DRP 24177	46.65 -4.44 0.00	45.46 -4.17 0.00	44.10 -3.73 0.00	44.59 -3.62 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.79 -7.48 0.00	61.03 -6.18 0.00	51.03 -3.03 0.00	47.43 -2.24 0.00	42.70 -1.97 0.00	40.96 -1.89 0.00	38.95 -1.84 0.00	37.72 -1.90 0.00	38.26 -1.80 0.00	41.73 -2.24 0.00	48.45 -3.15 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.78 -2.59 0.00	49.10 -2.15 0.00
OLIN_CORP_DSASP 323712	46.80 -4.29 0.00	45.70 -3.92 0.00	44.06 -3.78 0.00	44.78 -3.42 0.00	45.73 -3.87 0.00	53.97 -4.06 0.00	75.68 -6.76 0.00	83.79 -7.48 0.00	61.70 -5.51 0.00	51.09 -2.97 0.00	47.29 -2.38 0.00	42.75 -1.92 0.00	40.84 -2.01 0.00	38.87 -1.92 0.00	37.76 -1.86 0.00	38.34 -1.72 0.00	41.47 -2.50 0.00	48.51 -3.09 0.00	60.75 -4.78 0.00	75.76 -6.50 0.00	74.22 -4.65 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
ONEIDA_HERK_LFGE 323681	51.50 0.41 0.00	50.12 0.50 0.00	48.36 0.53 0.00	48.78 0.58 0.00	50.24 0.64 0.00	59.02 0.99 0.00	84.74 2.30 0.00	93.92 2.65 0.00	68.89 1.68 0.00	54.60 0.54 0.00	50.11 0.45 0.00	44.89 0.22 0.00	42.94 0.09 0.00	40.75 -0.04 0.00	39.59 -0.04 0.00	40.18 0.12 0.00	44.01 0.04 0.00	52.17 0.57 0.00	66.71 1.18 0.00	84.23 1.97 0.00	80.69 1.82 0.00	68.22 1.41 0.00	57.39 1.02 0.00	52.33 1.08 0.00
ONEIDA___115KV_TB4 55905	52.32 1.23 0.00	50.82 1.19 0.00	49.03 1.20 0.00	49.41 1.21 0.00	50.83 1.24 0.00	59.66 1.62 0.00	85.57 3.13 0.00	94.83 3.56 0.00	69.36 2.15 0.00	55.36 1.30 0.00	50.81 1.14 0.00	45.61 0.94 0.00	43.66 0.81 0.00	41.52 0.73 0.00	40.34 0.71 0.00	40.90 0.84 0.00	44.85 0.88 0.00	52.99 1.39 0.00	67.69 2.16 0.00	85.38 3.13 0.00	81.71 2.84 0.00	68.95 2.14 0.00	58.06 1.69 0.00	52.79 1.54 0.00
ONONDAGA_REF_OCCRA 23987	50.99 -0.10 0.00	49.48 -0.15 0.00	47.69 -0.14 0.00	48.01 -0.19 0.00	49.40 -0.20 0.00	57.91 -0.12 0.00	82.68 0.25 0.00	91.91 0.64 0.00	67.28 0.07 0.00	54.22 0.16 0.00	49.87 0.20 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.91 0.12 0.00	39.71 0.08 0.00	40.18 0.12 0.00	44.01 0.04 0.00	51.75 0.15 0.00	65.79 0.26 0.00	82.83 0.58 0.00	79.27 0.39 0.00	66.88 0.07 0.00	56.49 0.11 0.00	51.30 0.05 0.00
ONONDAGA___COGEN 23986	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
ONTARIO___LFGE 23819	51.14 0.05 0.00	49.68 0.05 0.00	47.88 0.05 0.00	48.39 0.19 0.00	49.79 0.20 0.00	58.32 0.29 0.00	83.09 0.66 0.00	92.37 1.10 0.00	67.55 0.34 0.00	54.71 0.65 0.00	50.27 0.60 0.00	45.16 0.49 0.00	43.19 0.34 0.00	41.07 0.29 0.00	39.91 0.28 0.00	40.42 0.36 0.00	44.19 0.22 0.00	52.32 0.72 0.00	66.25 0.72 0.00	82.67 0.41 0.00	79.50 0.63 0.00	67.22 0.40 0.00	57.05 0.68 0.00	52.02 0.77 0.00
ORANGEVILLE_WT_PWR 323706	48.43 -2.66 0.00	47.24 -2.38 0.00	45.64 -2.20 0.00	46.37 -1.83 0.00	47.56 -2.04 0.00	56.06 -1.97 0.00	79.30 -3.13 0.00	87.80 -3.47 0.00	63.85 -3.36 0.00	52.06 -2.00 0.00	47.98 -1.69 0.00	43.24 -1.43 0.00	41.35 -1.50 0.00	39.32 -1.47 0.00	38.16 -1.47 0.00	38.66 -1.40 0.00	42.08 -1.89 0.00	49.74 -1.86 0.00	63.11 -2.42 0.00	79.38 -2.88 0.00	77.14 -1.74 0.00	64.41 -2.40 0.00	55.58 -0.79 0.00	50.64 -0.61 0.00
ORANGEVILLE___ESR 323794	48.43 -2.66 0.00	47.24 -2.38 0.00	45.64 -2.20 0.00	46.37 -1.83 0.00	47.56 -2.04 0.00	56.06 -1.97 0.00	79.30 -3.13 0.00	87.80 -3.47 0.00	63.85 -3.36 0.00	52.06 -2.00 0.00	47.98 -1.69 0.00	43.24 -1.43 0.00	41.35 -1.50 0.00	39.32 -1.47 0.00	38.16 -1.47 0.00	38.66 -1.40 0.00	42.08 -1.89 0.00	49.74 -1.86 0.00	63.11 -2.42 0.00	79.38 -2.88 0.00	77.14 -1.74 0.00	64.41 -2.40 0.00	55.58 -0.79 0.00	50.64 -0.61 0.00
OSWEGATCHIE___HYD 24044	49.20 -1.89 0.00	47.94 -1.69 0.00	46.40 -1.43 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.75 -1.28 0.00	80.87 -1.57 0.00	89.26 -2.01 0.00	65.87 -1.34 0.00	52.33 -1.73 0.00	47.98 -1.69 0.00	42.97 -1.70 0.00	40.97 -1.88 0.00	38.83 -1.96 0.00	37.73 -1.90 0.00	38.18 -1.88 0.00	41.90 -2.07 0.00	49.79 -1.81 0.00	63.63 -1.90 0.00	80.20 -2.05 0.00	76.90 -1.97 0.00	65.48 -1.34 0.00	55.25 -1.13 0.00	50.43 -0.82 0.00
OSWEGO___5 23606	50.12 -0.97 0.00	48.68 -0.94 0.00	46.92 -0.91 0.00	47.28 -0.92 0.00	48.65 -0.94 0.00	57.04 -0.99 0.00	81.20 -1.23 0.00	90.18 -1.09 0.00	66.13 -1.08 0.00	53.25 -0.81 0.00	48.97 -0.70 0.00	44.04 -0.63 0.00	42.21 -0.64 0.00	40.18 -0.61 0.00	39.03 -0.59 0.00	39.46 -0.60 0.00	43.22 -0.75 0.00	50.83 -0.77 0.00	64.55 -0.98 0.00	81.03 -1.23 0.00	77.77 -1.10 0.00	65.68 -1.14 0.00	55.53 -0.84 0.00	50.43 -0.82 0.00

OSWEGO___6 23613	50.12 -0.97 0.00	48.68 -0.94 0.00	46.92 -0.91 0.00	47.28 -0.92 0.00	48.65 -0.94 0.00	57.04 -0.99 0.00	81.20 -1.23 0.00	90.18 -1.09 0.00	66.13 -1.08 0.00	53.25 -0.81 0.00	48.97 -0.70 0.00	44.04 -0.63 0.00	42.21 -0.64 0.00	40.18 -0.61 0.00	39.03 -0.59 0.00	39.46 -0.60 0.00	43.22 -0.75 0.00	50.83 -0.77 0.00	64.55 -0.98 0.00	81.03 -1.23 0.00	77.77 -1.10 0.00	65.68 -1.14 0.00	55.53 -0.84 0.00	50.43 -0.82 0.00
OUTOKUMPU-AB___DRP 24206	47.77 -3.32 0.00	46.60 -3.03 0.00	45.16 -2.68 0.00	45.69 -2.51 0.00	46.87 -2.73 0.00	54.61 -3.42 0.00	77.49 -4.95 0.00	86.25 -5.02 0.00	62.84 -4.37 0.00	52.38 -1.68 0.00	48.68 -0.99 0.00	43.78 -0.89 0.00	42.04 -0.81 0.00	39.93 -0.86 0.00	38.68 -0.95 0.00	39.22 -0.84 0.00	42.78 -1.19 0.00	49.69 -1.91 0.00	62.38 -3.15 0.00	79.21 -3.04 0.00	76.35 -2.52 0.00	63.27 -3.54 0.00	55.13 -1.24 0.00	50.27 -0.97 0.00
OXBOW___BTM 323836	47.31 -3.78 0.00	46.15 -3.48 0.00	44.54 -3.30 0.00	45.26 -2.94 0.00	46.22 -3.37 0.00	54.55 -3.48 0.00	76.66 -5.77 0.00	84.98 -6.30 0.00	62.57 -4.64 0.00	51.68 -2.38 0.00	47.83 -1.84 0.00	43.20 -1.47 0.00	41.27 -1.58 0.00	39.28 -1.51 0.00	38.16 -1.47 0.00	38.74 -1.32 0.00	41.90 -2.07 0.00	49.07 -2.53 0.00	61.53 -4.00 0.00	76.91 -5.35 0.00	75.17 -3.71 0.00	62.40 -4.41 0.00	54.46 -1.92 0.00	49.66 -1.59 0.00
OXBOW___ 24026	47.21 -3.88 0.00	46.00 -3.62 0.00	44.63 -3.20 0.00	45.12 -3.08 0.00	46.22 -3.37 0.00	53.85 -4.18 0.00	76.42 -6.02 0.00	84.88 -6.39 0.00	61.90 -5.31 0.00	51.68 -2.38 0.00	48.08 -1.59 0.00	43.24 -1.43 0.00	41.52 -1.33 0.00	39.44 -1.35 0.00	38.20 -1.43 0.00	38.74 -1.32 0.00	42.25 -1.71 0.00	49.07 -2.53 0.00	61.53 -4.00 0.00	77.98 -4.28 0.00	75.16 -3.71 0.00	62.40 -4.41 0.00	54.46 -1.92 0.00	49.66 -1.59 0.00
OXY_CHEM_DSASP 323612	46.70 -4.39 0.00	45.56 -4.07 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.70 -7.58 0.00	61.03 -6.18 0.00	51.09 -2.97 0.00	47.53 -2.14 0.00	42.75 -1.92 0.00	41.05 -1.80 0.00	39.03 -1.75 0.00	37.80 -1.82 0.00	38.34 -1.72 0.00	41.82 -2.15 0.00	48.50 -3.10 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.14 -4.73 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
OZONE_PARK_ESR 323760	54.72 3.63 0.00	52.95 3.32 0.00	50.80 2.97 0.00	51.19 2.99 0.00	52.62 3.03 0.00	61.74 3.71 0.00	88.29 5.85 0.00	98.39 7.12 0.00	72.18 4.97 0.00	58.11 4.05 0.00	53.34 3.68 0.00	48.06 3.39 0.00	46.06 3.21 0.00	43.89 3.10 0.00	42.68 3.05 0.00	43.22 3.16 0.00	47.66 3.69 0.00	55.68 4.08 0.00	70.71 5.18 0.00	88.51 6.25 0.00	84.94 6.07 0.00	71.62 4.81 0.00	59.81 3.44 0.00	54.12 2.87 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	46.70 -4.39 0.00	45.56 -4.07 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.70 -7.58 0.00	61.03 -6.18 0.00	51.09 -2.97 0.00	47.53 -2.14 0.00	42.75 -1.92 0.00	41.05 -1.80 0.00	39.03 -1.75 0.00	37.80 -1.82 0.00	38.34 -1.72 0.00	41.82 -2.15 0.00	48.50 -3.10 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.14 -4.73 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
PACKARD___115KV_DUPONT_184 80571	46.70 -4.39 0.00	45.56 -4.07 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.21 -4.82 0.00	75.43 -7.01 0.00	83.70 -7.58 0.00	61.03 -6.18 0.00	51.09 -2.97 0.00	47.53 -2.14 0.00	42.75 -1.92 0.00	41.05 -1.80 0.00	39.03 -1.75 0.00	37.80 -1.82 0.00	38.34 -1.72 0.00	41.82 -2.15 0.00	48.50 -3.10 0.00	60.75 -4.78 0.00	76.91 -5.35 0.00	74.14 -4.73 0.00	61.60 -5.21 0.00	53.84 -2.54 0.00	49.20 -2.05 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	54.42 3.32 -0.01	52.71 3.08 -0.01	50.57 2.73 -0.01	50.91 2.70 -0.01	52.38 2.78 -0.01	61.28 3.25 0.00	86.89 4.45 0.00	97.02 5.75 0.00	71.17 3.97 0.00	57.57 3.51 0.01	52.84 3.18 0.01	47.61 2.95 0.01	45.67 2.83 0.01	43.51 2.73 0.01	42.31 2.69 0.01	42.85 2.80 0.01	47.26 3.30 0.01	55.15 3.56 0.01	69.92 4.39 0.00	87.44 5.18 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.31 2.93 -0.01	53.72 2.46 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	54.73 3.63 -0.01	53.01 3.37 -0.01	50.86 3.01 -0.01	51.25 3.04 -0.01	52.73 3.12 -0.01	61.69 3.66 0.00	87.46 5.03 0.00	97.66 6.39 0.00	71.64 4.44 0.00	57.89 3.84 0.01	53.09 3.43 0.01	47.79 3.13 0.01	45.84 3.00 0.01	43.63 2.86 0.01	42.43 2.81 0.01	43.01 2.96 0.01	47.44 3.47 0.01	55.31 3.72 0.01	70.18 4.65 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.16 4.34 0.00	59.65 3.27 -0.01	54.02 2.77 -0.01
PATROON___115KV_TB1 80586	52.57 1.48 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.02 0.99 0.00	83.75 1.32 0.00	92.92 1.64 0.00	68.22 1.01 0.00	54.71 0.65 0.00	50.31 0.65 0.00	45.29 0.63 0.00	43.45 0.60 0.00	41.48 0.69 0.00	40.38 0.75 0.00	40.82 0.76 0.00	44.85 0.88 0.00	52.43 0.83 0.00	66.58 1.05 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.68 0.87 0.00	57.05 0.68 0.00	52.12 0.87 0.00
PATTRSNVILLE___SOLAR 323815	53.19 2.10 0.00	51.66 2.04 0.00	49.70 1.86 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.35 2.32 0.00	85.90 3.46 0.00	95.11 3.83 0.00	69.50 2.29 0.00	55.30 1.24 0.00	50.71 1.04 0.00	45.43 0.76 0.00	43.71 0.86 0.00	41.64 0.86 0.00	40.50 0.87 0.00	40.98 0.92 0.00	45.20 1.23 0.00	53.36 1.76 0.00	68.22 2.69 0.00	85.79 3.53 0.00	82.11 3.23 0.00	69.49 2.68 0.00	58.40 2.03 0.00	52.99 1.74 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	48.08 -3.01 0.00	46.85 -2.78 0.00	45.35 -2.49 0.00	45.94 -2.27 0.00	47.11 -2.48 0.00	54.95 -3.08 0.00	78.23 -4.20 0.00	87.53 -3.74 0.00	63.71 -3.49 0.00	52.98 -1.08 0.00	49.17 -0.50 0.00	44.18 -0.49 0.00	42.38 -0.47 0.00	40.30 -0.49 0.00	38.95 -0.67 0.00	39.58 -0.48 0.00	43.22 -0.75 0.00	50.21 -1.39 0.00	63.04 -2.49 0.00	80.12 -2.14 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.47 -0.90 0.00	50.33 -0.92 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	54.16 3.07 0.00	52.50 2.88 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.63 5.19 0.00	97.30 6.02 0.00	71.31 4.10 0.00	57.09 3.03 0.00	52.30 2.63 0.00	47.08 2.41 0.00	45.16 2.31 0.00	42.91 2.12 0.00	41.73 2.10 0.00	42.26 2.20 0.00	46.74 2.77 0.00	54.54 2.94 0.00	69.40 3.87 0.00	87.11 4.85 0.00	83.45 4.57 0.00	70.69 3.88 0.00	59.08 2.71 0.00	53.50 2.25 0.00
PEEKSKILL___ 23653	53.59 2.50 0.00	51.96 2.33 0.00	49.99 2.15 0.00	50.22 2.02 0.00	51.68 2.08 0.00	60.35 2.32 0.00	86.15 3.71 0.00	96.11 4.83 0.00	70.37 3.16 0.00	56.60 2.54 0.00	51.95 2.29 0.00	46.81 2.14 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.52 2.55 0.00	54.18 2.58 0.00	68.74 3.21 0.00	86.29 4.03 0.00	82.58 3.71 0.00	69.82 3.01 0.00	58.46 2.09 0.00	52.94 1.69 0.00

PGE MADISON___WINDPWR 24146	54.41 3.32 0.00	52.95 3.33 0.00	51.18 3.35 0.00	51.72 3.52 0.00	53.26 3.67 0.00	62.91 4.88 0.00	91.01 8.57 0.00	101.04 9.77 0.00	74.73 7.53 0.00	58.65 4.59 0.00	53.59 3.92 0.00	47.98 3.31 0.00	45.72 2.87 0.00	43.36 2.57 0.00	42.20 2.57 0.00	43.06 3.01 0.00	47.22 3.25 0.00	56.55 4.95 0.00	72.87 7.34 0.00	92.62 10.36 0.00	88.65 9.78 0.00	74.56 7.75 0.00	62.46 6.09 0.00	56.78 5.54 0.00
PIERCEFIELD___HYD 23852	49.15 -1.94 0.00	47.89 -1.74 0.00	46.45 -1.39 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.70 -1.33 0.00	79.38 -3.05 0.00	87.53 -3.74 0.00	65.26 -1.95 0.00	52.38 -1.68 0.00	48.03 -1.64 0.00	43.11 -1.56 0.00	41.14 -1.71 0.00	39.03 -1.75 0.00	37.88 -1.74 0.00	38.26 -1.80 0.00	42.03 -1.93 0.00	49.79 -1.81 0.00	63.10 -2.42 0.00	79.13 -3.13 0.00	76.03 -2.84 0.00	65.08 -1.74 0.00	55.19 -1.18 0.00	50.33 -0.92 0.00
PINELAWN_CC_1 323563	55.09 3.99 -0.01	53.36 3.72 -0.01	51.38 3.54 -0.01	51.58 3.37 -0.01	53.18 3.57 -0.01	62.10 4.06 -0.01	90.69 6.01 -2.24	98.87 7.30 -0.29	76.14 5.18 -3.76	58.18 4.11 -0.01	52.89 3.23 0.00	46.95 2.28 0.00	44.91 2.06 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.34 2.28 0.00	47.40 3.43 0.00	55.22 3.61 -0.01	70.65 5.11 -0.01	88.27 6.00 -0.01	84.56 5.68 -0.01	72.55 4.74 -0.99	65.34 3.66 -5.31	54.88 3.18 -0.46
PJM_GEN_HTP_PROXY 323702	54.26 3.17 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.37 2.78 0.00	61.22 3.19 0.00	87.38 4.95 0.00	97.66 6.39 0.00	71.45 4.24 0.00	57.52 3.46 0.00	52.89 3.23 0.00	47.62 2.95 0.00	45.68 2.83 0.00	43.52 2.73 0.00	42.28 2.66 0.00	42.82 2.76 0.00	47.27 3.30 0.00	55.16 3.56 0.00	69.99 4.46 0.00	87.77 5.51 0.00	84.30 5.12 -0.30	70.52 4.01 0.30	59.19 2.82 0.00	53.61 2.36 0.00
PJM_GEN_KEystone 24065	51.04 -0.05 0.00	49.48 -0.15 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.40 -0.20 0.00	57.91 -0.12 0.00	82.35 -0.08 0.00	91.46 0.18 0.00	66.90 -0.13 0.17	54.72 0.49 -0.17	50.27 0.60 0.00	45.29 0.63 0.00	43.41 0.56 0.00	41.32 0.53 0.00	40.14 0.51 0.00	40.66 0.60 0.00	44.58 0.62 0.00	53.03 0.41 -1.02	64.64 0.13 1.02	82.42 0.16 0.00	79.73 0.56 -0.30	66.38 -0.13 0.30	56.60 0.23 0.00	51.40 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	54.42 3.32 -0.01	52.76 3.13 -0.01	50.81 2.97 -0.01	51.10 2.89 -0.01	52.58 2.98 -0.01	61.34 3.31 -0.01	89.19 4.86 -1.89	97.54 6.02 -0.24	74.61 4.24 -3.17	57.69 3.62 -0.01	52.55 2.88 0.00	46.77 2.10 0.00	44.78 1.93 0.00	42.62 1.84 0.00	41.45 1.82 0.00	42.14 2.08 0.00	47.05 3.08 0.00	54.81 3.20 -0.01	69.60 4.06 -0.01	87.20 4.94 -0.01	83.75 4.57 -0.31	71.22 3.87 -0.53	63.84 2.99 -4.48	54.19 2.56 -0.38
PJM_GEN_VFT_PROXY 323633	54.16 3.07 0.00	52.45 2.83 0.00	50.46 2.63 0.00	50.71 2.50 0.00	52.22 2.63 0.00	60.99 2.96 0.00	87.05 4.61 0.00	97.30 6.02 0.00	71.17 3.96 0.00	57.47 3.41 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.63 2.78 0.00	43.48 2.69 0.00	42.24 2.61 0.00	42.78 2.73 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.79 4.26 0.00	87.44 5.19 0.00	83.99 4.81 -0.30	70.25 3.74 0.30	59.02 2.65 0.00	53.45 2.20 0.00
PLATSBURG_115KV_PMLD1 355749	49.30 -1.79 0.00	48.19 -1.44 0.00	46.97 -0.86 0.00	47.57 -0.63 0.00	49.15 -0.45 0.00	57.86 -0.17 0.00	81.28 -1.15 0.00	89.90 -1.37 0.00	66.74 -0.47 0.00	53.95 -0.11 0.00	49.52 -0.15 0.00	44.45 -0.22 0.00	42.38 -0.47 0.00	40.22 -0.57 0.00	38.99 -0.63 0.00	39.30 -0.76 0.00	43.22 -0.75 0.00	51.14 -0.46 0.00	64.74 -0.79 0.00	81.93 -0.33 0.00	78.79 -0.08 0.00	66.81 0.00 0.00	56.77 0.39 0.00	51.66 0.41 0.00
PLEASANTVLY___LBMP 24000	53.49 2.40 0.00	51.81 2.18 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.53 1.93 0.00	60.29 2.26 0.00	85.98 3.54 0.00	95.65 4.38 0.00	70.17 2.96 0.00	56.33 2.27 0.00	51.66 1.99 0.00	46.55 1.88 0.00	44.74 1.89 0.00	42.62 1.84 0.00	41.45 1.82 0.00	41.94 1.88 0.00	46.21 2.24 0.00	53.92 2.32 0.00	68.48 2.95 0.00	85.71 3.45 0.00	82.18 3.31 0.00	69.55 2.74 0.00	58.23 1.86 0.00	52.79 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.95 2.86 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.75 5.48 0.00	70.97 3.76 0.00	56.98 2.92 0.00	52.30 2.63 0.00	47.08 2.41 0.00	45.21 2.36 0.00	43.07 2.28 0.00	41.89 2.26 0.00	42.42 2.36 0.00	46.74 2.77 0.00	54.59 2.99 0.00	69.33 3.80 0.00	86.78 4.52 0.00	83.21 4.34 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.30 2.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.95 2.86 0.00	52.26 2.63 0.00	50.18 2.34 0.00	50.51 2.31 0.00	51.93 2.33 0.00	60.82 2.79 0.00	86.89 4.45 0.00	96.75 5.48 0.00	70.97 3.76 0.00	56.98 2.92 0.00	52.30 2.63 0.00	47.08 2.41 0.00	45.21 2.36 0.00	43.07 2.28 0.00	41.89 2.26 0.00	42.42 2.36 0.00	46.74 2.77 0.00	54.59 2.99 0.00	69.33 3.80 0.00	86.78 4.52 0.00	83.21 4.34 0.00	70.35 3.54 0.00	58.85 2.48 0.00	53.30 2.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.85 2.76 0.00	52.21 2.58 0.00	50.13 2.30 0.00	50.47 2.27 0.00	51.93 2.33 0.00	60.76 2.73 0.00	86.80 4.37 0.00	96.38 5.11 0.00	70.64 3.43 0.00	56.49 2.43 0.00	51.75 2.09 0.00	46.64 1.97 0.00	44.78 1.93 0.00	42.66 1.88 0.00	41.49 1.86 0.00	42.02 1.96 0.00	46.34 2.37 0.00	54.18 2.58 0.00	68.87 3.34 0.00	86.37 4.11 0.00	82.81 3.94 0.00	70.09 3.27 0.00	58.68 2.31 0.00	53.14 1.90 0.00
POLETTI___ 23519	54.21 3.12 0.00	52.45 2.83 0.00	50.37 2.54 0.00	50.71 2.51 0.00	52.17 2.58 0.00	61.16 3.13 0.00	87.38 4.95 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.52 3.46 0.00	52.80 3.13 0.00	47.57 2.90 0.00	45.64 2.79 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.86 2.80 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.19 2.82 0.00	53.61 2.36 0.00
POMONA___ESR 323819	53.54 2.45 0.00	51.91 2.28 0.00	49.94 2.10 0.00	50.18 1.98 0.00	51.63 2.03 0.00	60.24 2.20 0.00	85.98 3.54 0.00	95.93 4.65 0.00	70.24 3.03 0.00	56.55 2.49 0.00	51.91 2.24 0.00	46.77 2.10 0.00	44.95 2.10 0.00	42.78 2.00 0.00	41.61 1.98 0.00	42.14 2.08 0.00	46.47 2.50 0.00	54.13 2.53 0.00	68.61 3.08 0.00	86.13 3.87 0.00	82.42 3.55 0.00	69.68 2.87 0.00	58.35 1.97 0.00	52.84 1.59 0.00
PORT_JEFF_3 23555	55.39 4.29 -0.01	53.65 4.02 -0.01	51.62 3.78 -0.01	51.73 3.52 -0.01	53.42 3.82 -0.01	62.39 4.35 -0.01	91.07 6.60 -2.04	99.47 7.94 -0.26	76.40 5.78 -3.41	58.45 4.38 -0.01	53.00 3.33 0.00	46.86 2.19 0.00	44.78 1.93 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.34 2.28 0.00	47.49 3.52 0.00	55.17 3.56 -0.01	71.24 5.70 -0.01	88.93 6.66 -0.01	85.19 6.31 -0.01	72.93 5.21 -0.90	65.13 3.94 -4.81	55.15 3.49 -0.41

PORT_JEFF_4 23616	55.39 4.29 -0.01	53.65 4.02 -0.01	51.62 3.78 -0.01	51.73 3.52 -0.01	53.42 3.82 -0.01	62.39 4.35 -0.01	91.07 6.60 -2.04	99.47 7.94 -0.26	76.40 5.78 -3.41	58.45 4.38 -0.01	53.00 3.33 0.00	46.86 2.19 0.00	44.78 1.93 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.34 2.28 0.00	47.49 3.52 0.00	55.17 3.56 -0.01	71.24 5.70 -0.01	88.93 6.66 -0.01	85.19 6.31 -0.01	72.93 5.21 -0.90	65.13 3.94 -4.81	55.15 3.49 -0.41
PORT_JEFF_IC 23713	55.39 4.29 -0.01	53.61 3.97 -0.01	51.53 3.68 -0.01	51.68 3.47 -0.01	53.37 3.77 -0.01	62.45 4.41 -0.01	91.24 6.76 -2.04	99.39 7.85 -0.26	76.47 5.85 -3.42	58.50 4.43 -0.01	53.34 3.68 0.00	46.86 2.19 0.00	44.78 1.93 0.00	42.70 1.92 0.00	41.65 2.02 0.00	42.66 2.60 0.00	47.49 3.52 0.00	55.32 3.72 -0.01	71.37 5.83 -0.01	88.85 6.58 -0.01	85.27 6.39 -0.01	72.99 5.28 -0.90	65.21 4.00 -4.83	55.25 3.59 -0.41
PPL_PILGRIM_ST_GT1 24216	55.44 4.34 -0.01	53.65 4.02 -0.01	51.62 3.78 -0.01	51.83 3.62 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.01 6.51 -2.07	99.48 7.94 -0.27	76.45 5.78 -3.46	58.50 4.43 -0.01	53.09 3.42 0.00	47.08 2.41 0.00	44.82 1.97 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.46 2.40 0.00	47.58 3.61 0.00	55.37 3.76 -0.01	71.10 5.57 -0.01	88.93 6.66 -0.01	85.19 6.31 -0.01	72.94 5.21 -0.91	65.21 3.94 -4.89	55.10 3.43 -0.42
PPL_PILGRIM_ST_GT2 24217	55.44 4.34 -0.01	53.65 4.02 -0.01	51.62 3.78 -0.01	51.83 3.62 -0.01	53.47 3.87 -0.01	62.45 4.41 -0.01	91.01 6.51 -2.07	99.48 7.94 -0.27	76.45 5.78 -3.46	58.50 4.43 -0.01	53.09 3.42 0.00	47.08 2.41 0.00	44.82 1.97 0.00	42.70 1.92 0.00	41.57 1.94 0.00	42.46 2.40 0.00	47.58 3.61 0.00	55.37 3.76 -0.01	71.10 5.57 -0.01	88.93 6.66 -0.01	85.19 6.31 -0.01	72.94 5.21 -0.91	65.21 3.94 -4.89	55.10 3.43 -0.42
PPL_SHRM_GT3 24213	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.39 3.18 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.91 6.43 -2.04	99.39 7.85 -0.26	76.40 5.78 -3.41	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.44 2.84 -0.01	71.37 5.83 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.79 5.08 -0.90	64.97 3.78 -4.82	55.04 3.38 -0.41
PPL_SHRM_GT4 24214	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.39 3.18 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.91 6.43 -2.04	99.39 7.85 -0.26	76.40 5.78 -3.41	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.44 2.84 -0.01	71.37 5.83 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.79 5.08 -0.90	64.97 3.78 -4.82	55.04 3.38 -0.41
PROJECT___ORANGE 1 24174	50.84 -0.26 0.00	49.33 -0.30 0.00	47.55 -0.29 0.00	47.91 -0.29 0.00	49.30 -0.30 0.00	57.74 -0.29 0.00	82.43 0.00 0.00	91.64 0.37 0.00	67.07 -0.13 0.00	54.11 0.05 0.00	49.77 0.10 0.00	44.76 0.09 0.00	42.94 0.09 0.00	40.83 0.04 0.00	39.63 0.00 0.00	40.10 0.04 0.00	43.93 -0.04 0.00	51.65 0.05 0.00	65.59 0.07 0.00	82.50 0.25 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.32 -0.06 0.00	51.15 -0.10 0.00
PROJECT___ORANGE 2 24166	50.84 -0.26 0.00	49.33 -0.30 0.00	47.55 -0.29 0.00	47.91 -0.29 0.00	49.30 -0.30 0.00	57.74 -0.29 0.00	82.43 0.00 0.00	91.64 0.37 0.00	67.07 -0.13 0.00	54.11 0.05 0.00	49.77 0.10 0.00	44.76 0.09 0.00	42.94 0.09 0.00	40.83 0.04 0.00	39.63 0.00 0.00	40.10 0.04 0.00	43.93 -0.04 0.00	51.65 0.05 0.00	65.59 0.07 0.00	82.50 0.25 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.32 -0.06 0.00	51.15 -0.10 0.00
PUCKETT___SOLAR 323809	52.06 0.97 0.00	50.57 0.94 0.00	48.74 0.91 0.00	49.16 0.96 0.00	50.59 0.99 0.00	59.42 1.39 0.00	84.91 2.47 0.00	94.47 3.19 0.00	67.61 0.41 0.00	54.49 0.43 0.00	50.02 0.35 0.00	44.94 0.27 0.00	43.02 0.17 0.00	40.95 0.16 0.00	39.75 0.12 0.00	40.26 0.20 0.00	44.19 0.22 0.00	52.06 0.46 0.00	66.18 0.66 0.00	83.25 0.99 0.00	79.98 1.10 0.00	67.35 0.53 0.00	57.05 0.68 0.00	51.81 0.56 0.00
PYRITES___HYD 24023	50.48 -0.61 0.00	49.18 -0.45 0.00	47.69 -0.14 0.00	48.15 -0.05 0.00	49.54 -0.05 0.00	58.26 0.23 0.00	81.69 -0.74 0.00	89.81 -1.46 0.00	66.87 -0.34 0.00	53.47 -0.59 0.00	49.02 -0.65 0.00	43.95 -0.71 0.00	41.91 -0.94 0.00	39.77 -1.02 0.00	38.64 -0.99 0.00	39.02 -1.04 0.00	42.87 -1.10 0.00	50.93 -0.67 0.00	64.74 -0.79 0.00	81.35 -0.90 0.00	78.08 -0.79 0.00	66.81 0.00 0.00	56.66 0.28 0.00	51.66 0.41 0.00
QUAKERRD_115KV_BK1 80622	49.05 -2.04 0.00	47.64 -1.99 0.00	46.02 -1.82 0.00	46.47 -1.74 0.00	47.71 -1.88 0.00	55.77 -2.26 0.00	79.55 -2.89 0.00	88.53 -2.74 0.00	64.59 -2.62 0.00	52.60 -1.46 0.00	48.53 -1.14 0.00	43.60 -1.07 0.00	41.82 -1.03 0.00	39.77 -1.02 0.00	38.60 -1.03 0.00	39.06 -1.00 0.00	42.69 -1.28 0.00	50.31 -1.29 0.00	63.56 -1.97 0.00	80.20 -2.06 0.00	76.98 -1.89 0.00	64.54 -2.27 0.00	55.08 -1.30 0.00	50.12 -1.13 0.00
QUEENSBRY_115KV_TB8 356137	54.36 3.27 0.00	52.80 3.18 0.00	50.75 2.92 0.00	51.24 3.04 0.00	52.72 3.12 0.00	61.86 3.83 0.00	88.29 5.85 0.00	97.75 6.48 0.00	71.51 4.30 0.00	56.71 2.65 0.00	51.90 2.24 0.00	46.41 1.74 0.00	44.48 1.63 0.00	42.30 1.51 0.00	41.25 1.62 0.00	41.70 1.64 0.00	46.08 2.11 0.00	54.44 2.84 0.00	69.79 4.26 0.00	88.18 5.92 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.70 3.33 0.00	54.12 2.87 0.00
RAMAPO___LBMP 323565	53.34 2.25 0.00	51.66 2.03 0.00	49.65 1.82 0.00	49.94 1.74 0.00	51.38 1.79 0.00	60.12 2.09 0.00	85.81 3.38 0.00	95.47 4.20 0.00	69.96 2.76 0.00	56.33 2.27 0.00	51.70 2.04 0.00	46.64 1.97 0.00	44.74 1.89 0.00	42.62 1.84 0.00	41.49 1.86 0.00	41.98 1.92 0.00	46.26 2.29 0.00	53.87 2.27 0.00	68.35 2.82 0.00	85.71 3.45 0.00	82.11 3.23 0.00	69.49 2.67 0.00	58.12 1.75 0.00	52.68 1.43 0.00
RANKINE____ 23646	48.18 -2.91 0.00	46.95 -2.68 0.00	45.49 -2.34 0.00	46.03 -2.17 0.00	47.21 -2.38 0.00	55.07 -2.96 0.00	78.31 -4.12 0.00	87.35 -3.92 0.00	63.65 -3.56 0.00	52.98 -1.08 0.00	49.22 -0.45 0.00	44.22 -0.45 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.22 -0.75 0.00	50.21 -1.39 0.00	63.04 -2.49 0.00	80.04 -2.22 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.58 -0.79 0.00	50.58 -0.67 0.00
RAVENSWOOD_GT2_1 24244	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.64 2.79 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.82 2.76 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.25 2.88 0.00	53.66 2.41 0.00

RAVENSWOOD_GT2_2 24245	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.64 2.79 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.82 2.76 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.25 2.88 0.00	53.66 2.41 0.00
RAVENSWOOD_GT2_3 24246	54.31 3.22 0.00	52.55 2.93 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.48 6.21 0.00	71.51 4.30 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.62 2.95 0.00	45.68 2.83 0.00	43.52 2.73 0.00	42.32 2.69 0.00	42.86 2.80 0.00	47.27 3.30 0.00	55.16 3.56 0.00	69.99 4.46 0.00	87.60 5.35 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.31 2.93 0.00	53.71 2.46 0.00
RAVENSWOOD_GT2_4 24247	54.31 3.22 0.00	52.55 2.93 0.00	50.47 2.63 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.48 6.21 0.00	71.51 4.30 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.62 2.95 0.00	45.68 2.83 0.00	43.52 2.73 0.00	42.32 2.69 0.00	42.86 2.80 0.00	47.27 3.30 0.00	55.16 3.56 0.00	69.99 4.46 0.00	87.60 5.35 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.31 2.93 0.00	53.71 2.46 0.00
RAVENSWOOD_GT3_1 24248	54.31 3.22 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.64 2.79 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.86 2.80 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.25 2.88 0.00	53.66 2.41 0.00
RAVENSWOOD_GT3_2 24249	54.31 3.22 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.57 3.51 0.00	52.85 3.18 0.00	47.57 2.90 0.00	45.64 2.79 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.86 2.80 0.00	47.22 3.25 0.00	55.11 3.51 0.00	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.25 2.88 0.00	53.66 2.41 0.00
RAVENSWOOD_GT3_3 24250	54.36 3.27 0.00	52.60 2.98 0.00	50.51 2.68 0.00	50.85 2.65 0.00	52.32 2.73 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.63 3.57 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.21 3.61 0.00	70.05 4.52 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.36 2.99 0.00	53.76 2.51 0.00
RAVENSWOOD_GT3_4 24251	54.36 3.27 0.00	52.60 2.98 0.00	50.51 2.68 0.00	50.85 2.65 0.00	52.32 2.73 0.00	61.28 3.25 0.00	87.55 5.11 0.00	97.57 6.30 0.00	71.58 4.37 0.00	57.63 3.57 0.00	52.90 3.23 0.00	47.66 2.99 0.00	45.72 2.87 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.21 3.61 0.00	70.05 4.52 0.00	87.69 5.43 0.00	84.08 5.21 0.00	70.96 4.14 0.00	59.36 2.99 0.00	53.76 2.51 0.00
RAVENSWOOD_GT_1 23729	55.22 3.47 -0.65	53.63 3.23 -0.78	51.79 2.87 -1.08	52.14 2.89 -1.05	53.35 2.93 -0.83	61.45 3.42 0.00	87.46 5.03 0.00	97.57 6.30 0.00	71.64 4.44 0.00	62.75 3.84 -4.85	64.73 3.48 -11.58	66.24 3.22 -18.36	65.71 3.09 -19.78	66.27 2.94 -22.55	48.37 2.89 -5.85	48.78 3.04 -5.68	66.24 3.52 -18.76	65.99 3.82 -10.57	70.25 4.72 0.00	87.93 5.68 0.00	84.31 5.44 0.00	71.22 4.41 0.00	60.13 3.21 -0.55	55.02 2.72 -1.06
RAVENSWOOD_GT_10 24258	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.21 3.51 0.37	51.93 3.18 0.92	46.12 2.90 1.45	44.06 2.79 1.57	41.69 2.69 1.79	41.99 2.65 0.29	42.54 2.76 0.29	45.74 3.25 1.48	54.27 3.51 0.84	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.24 2.88 0.01	53.63 2.41 0.02
RAVENSWOOD_GT_11 24259	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.21 3.51 0.37	51.93 3.18 0.92	46.12 2.90 1.45	44.06 2.79 1.57	41.69 2.69 1.79	41.99 2.65 0.29	42.54 2.76 0.29	45.74 3.25 1.48	54.27 3.51 0.84	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.24 2.88 0.01	53.63 2.41 0.02
RAVENSWOOD_GT_4 24252	54.69 3.12 -0.49	53.09 2.88 -0.58	51.18 2.54 -0.81	51.54 2.55 -0.79	52.79 2.58 -0.62	61.16 3.13 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	55.62 3.46 1.90	47.73 3.13 5.07	39.48 2.86 8.05	36.80 2.74 8.79	33.43 2.65 10.01	42.24 2.62 0.01	42.82 2.76 0.01	38.96 3.21 8.22	50.41 3.46 4.65	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.43 2.82 -0.24	54.08 2.36 -0.47
RAVENSWOOD_GT_5 24254	54.69 3.12 -0.49	53.09 2.88 -0.58	51.18 2.54 -0.81	51.54 2.55 -0.79	52.79 2.58 -0.62	61.16 3.13 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	55.62 3.46 1.90	47.73 3.13 5.07	39.48 2.86 8.05	36.80 2.74 8.79	33.43 2.65 10.01	42.24 2.62 0.01	42.82 2.76 0.01	38.96 3.21 8.22	50.41 3.46 4.65	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.43 2.82 -0.24	54.08 2.36 -0.47
RAVENSWOOD_GT_6 24253	54.69 3.12 -0.49	53.09 2.88 -0.58	51.18 2.54 -0.81	51.54 2.55 -0.79	52.79 2.58 -0.62	61.16 3.13 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	55.62 3.46 1.90	47.73 3.13 5.07	39.48 2.86 8.05	36.80 2.74 8.79	33.43 2.65 10.01	42.24 2.62 0.01	42.82 2.76 0.01	38.96 3.21 8.22	50.41 3.46 4.65	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.43 2.82 -0.24	54.08 2.36 -0.47
RAVENSWOOD_GT_7 24255	54.69 3.12 -0.49	53.09 2.88 -0.58	51.18 2.54 -0.81	51.54 2.55 -0.79	52.79 2.58 -0.62	61.16 3.13 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	55.62 3.46 1.90	47.73 3.13 5.07	39.48 2.86 8.05	36.80 2.74 8.79	33.43 2.65 10.01	42.24 2.62 0.01	42.82 2.76 0.01	38.96 3.21 8.22	50.41 3.46 4.65	69.92 4.39 0.00	87.52 5.26 0.00	83.92 5.05 0.00	70.82 4.01 0.00	59.43 2.82 -0.24	54.08 2.36 -0.47
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.21 3.51 0.37	51.93 3.18 0.92	46.12 2.90 1.45	44.06 2.79 1.57	41.69 2.69 1.79	41.99 2.65 0.29	42.54 2.76 0.29	45.74 3.25 1.48	54.27 3.51 0.84	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.24 2.88 0.01	53.63 2.41 0.02

RAVENSWOOD_GT_9 24257	54.26 3.17 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.22 2.63 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.39 6.12 0.00	71.44 4.23 0.00	57.21 3.51 0.37	51.93 3.18 0.92	46.12 2.90 1.45	44.06 2.79 1.57	41.69 2.69 1.79	41.99 2.65 0.29	42.54 2.76 0.29	45.74 3.25 1.48	54.27 3.51 0.84	69.99 4.46 0.00	87.52 5.26 0.00	84.00 5.13 0.00	70.89 4.08 0.00	59.24 2.88 0.01	53.63 2.41 0.02
RAVENSWOOD___1 23533	54.62 3.52 -0.01	52.91 3.27 -0.01	50.86 3.02 -0.01	51.15 2.94 -0.01	52.68 3.08 -0.01	61.45 3.42 0.00	87.21 4.78 0.00	97.75 6.48 0.00	71.57 4.37 0.00	61.49 3.78 -3.65	62.26 3.53 -9.07	62.27 3.22 -14.38	61.51 3.09 -15.57	61.47 2.94 -17.75	45.43 2.89 -2.91	45.89 3.01 -2.83	62.22 3.56 -14.69	63.76 3.87 -8.29	70.25 4.72 0.00	88.10 5.84 0.00	84.31 5.44 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
RAVENSWOOD___2 23534	54.57 3.48 -0.01	52.86 3.22 -0.01	50.86 3.02 -0.01	51.10 2.89 -0.01	52.63 3.03 -0.01	61.39 3.36 0.00	87.21 4.78 0.00	97.75 6.48 0.00	71.51 4.31 0.00	61.48 3.78 -3.64	62.18 3.48 -9.03	62.17 3.17 -14.33	61.45 3.09 -15.51	61.41 2.94 -17.68	45.42 2.89 -2.90	45.88 3.01 -2.82	62.17 3.56 -14.64	63.68 3.82 -8.26	70.25 4.72 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.15 4.34 0.00	59.70 3.21 -0.12	54.18 2.71 -0.22
RAVENSWOOD___3 23535	54.36 3.27 0.00	52.65 3.03 0.00	50.61 2.77 0.00	50.90 2.70 0.00	52.42 2.83 0.00	61.22 3.19 0.00	87.30 4.86 0.00	97.66 6.39 0.00	71.45 4.24 0.00	57.57 3.51 0.00	52.89 3.23 0.00	47.62 2.95 0.00	45.72 2.87 0.00	43.52 2.73 0.00	42.32 2.70 0.00	42.86 2.80 0.00	47.31 3.34 0.00	55.21 3.61 0.00	69.99 4.46 0.00	87.77 5.51 0.00	84.00 5.12 0.00	70.89 4.08 0.00	59.30 2.93 0.00	53.71 2.46 0.00
RAVENSWOOD___4 23820	53.94 3.48 0.63	52.10 3.22 0.75	49.80 3.02 1.05	50.08 2.89 1.02	51.82 3.03 0.80	61.39 3.36 0.00	87.21 4.78 0.00	97.75 6.48 0.00	71.51 4.31 0.00	60.30 3.78 -2.46	59.69 3.48 -6.55	58.25 3.17 -10.41	57.26 3.04 -11.37	56.67 2.94 -12.95	42.49 2.85 -0.01	43.03 2.96 -0.01	58.16 3.56 -10.63	61.43 3.82 -6.01	70.18 4.65 0.00	88.01 5.76 0.00	84.24 5.37 0.00	71.09 4.28 0.00	59.22 3.16 0.31	53.30 2.66 0.61
RCPL_TRUST___DRP 24196	54.46 3.37 0.00	52.70 3.08 0.00	50.61 2.77 0.00	50.95 2.75 0.00	52.42 2.83 0.00	61.57 3.54 0.00	88.20 5.77 0.00	98.30 7.03 0.00	72.12 4.91 0.00	58.11 4.05 0.00	53.34 3.68 0.00	48.06 3.39 0.00	46.06 3.21 0.00	43.85 3.06 0.00	42.60 2.97 0.00	43.14 3.08 0.00	47.66 3.69 0.00	55.62 4.02 0.00	70.57 5.05 0.00	88.26 6.00 0.00	84.63 5.76 0.00	71.36 4.54 0.00	59.59 3.21 0.00	53.86 2.61 0.00
RED___ROCHESTER 323720	50.07 -1.02 0.00	48.68 -0.94 0.00	46.92 -0.91 0.00	47.53 -0.67 0.00	48.70 -0.89 0.00	57.34 -0.69 0.00	81.28 -1.15 0.00	90.54 -0.73 0.00	66.27 -0.94 0.00	53.84 -0.22 0.00	49.62 -0.05 0.00	44.71 0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.55 -0.08 0.00	40.06 0.00 0.00	43.57 -0.40 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	81.60 -0.66 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
REGAN___SOLAR 323812	55.03 3.93 0.00	53.35 3.72 0.00	51.28 3.45 0.00	51.82 3.62 0.00	53.32 3.72 0.00	62.73 4.70 0.00	89.52 7.09 0.00	98.94 7.67 0.00	71.84 4.63 0.00	56.71 2.65 0.00	51.85 2.18 0.00	46.32 1.65 0.00	44.52 1.67 0.00	42.38 1.59 0.00	41.25 1.63 0.00	41.74 1.68 0.00	46.17 2.20 0.00	55.06 3.46 0.00	70.77 5.24 0.00	89.58 7.32 0.00	85.57 6.70 0.00	72.22 5.41 0.00	60.60 4.23 0.00	54.89 3.64 0.00
RENSSELAER___COGEN 23796	52.32 1.22 0.00	50.87 1.24 0.00	48.94 1.10 0.00	49.26 1.06 0.00	50.64 1.04 0.00	58.73 0.70 0.00	83.17 0.74 0.00	92.46 1.18 0.00	67.74 0.54 0.00	54.44 0.38 0.00	50.06 0.40 0.00	45.07 0.40 0.00	43.28 0.43 0.00	41.32 0.53 0.00	40.18 0.55 0.00	40.66 0.60 0.00	44.67 0.70 0.00	52.12 0.52 0.00	66.18 0.66 0.00	82.91 0.66 0.00	79.35 0.48 0.00	67.35 0.53 0.00	56.71 0.34 0.00	51.87 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.10 5.01 0.00	54.54 4.91 0.00	52.38 4.54 0.00	52.97 4.77 0.00	54.50 4.91 0.00	64.24 6.21 0.00	91.91 9.48 0.00	101.50 10.22 0.00	73.93 6.72 0.00	58.28 4.22 0.00	53.24 3.58 0.00	47.35 2.68 0.00	45.29 2.44 0.00	43.03 2.24 0.00	42.00 2.38 0.00	42.46 2.40 0.00	47.05 3.08 0.00	55.93 4.33 0.00	72.15 6.62 0.00	91.80 9.54 0.00	87.55 8.68 0.00	73.76 6.95 0.00	61.79 5.41 0.00	55.96 4.71 0.00
REVERE_CPBR_DRP 24186	52.57 1.48 0.00	51.11 1.49 0.00	49.32 1.48 0.00	49.69 1.49 0.00	51.13 1.54 0.00	60.06 2.03 0.00	86.39 3.96 0.00	95.75 4.47 0.00	70.03 2.82 0.00	55.63 1.57 0.00	51.06 1.39 0.00	45.79 1.12 0.00	43.75 0.90 0.00	41.56 0.77 0.00	40.38 0.75 0.00	41.02 0.96 0.00	44.94 0.97 0.00	53.30 1.70 0.00	68.15 2.62 0.00	86.04 3.78 0.00	82.42 3.55 0.00	69.55 2.74 0.00	58.46 2.09 0.00	53.25 2.00 0.00
REYNOLDS_115KV_TB3 80639	52.62 1.53 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.13 1.10 0.00	84.00 1.57 0.00	93.19 1.92 0.00	68.35 1.14 0.00	54.82 0.76 0.00	50.36 0.70 0.00	45.34 0.67 0.00	43.54 0.69 0.00	41.56 0.77 0.00	40.42 0.79 0.00	40.90 0.84 0.00	44.94 0.97 0.00	52.48 0.88 0.00	66.71 1.18 0.00	83.41 1.15 0.00	79.98 1.10 0.00	67.88 1.07 0.00	57.11 0.73 0.00	52.07 0.82 0.00
RIVERBAY____ 323610	54.73 3.63 -0.01	53.01 3.37 -0.01	50.86 3.01 -0.01	51.25 3.04 -0.01	52.73 3.12 -0.01	61.69 3.66 0.00	87.46 5.03 0.00	97.66 6.39 0.00	71.64 4.44 0.00	57.89 3.84 0.01	53.09 3.43 0.01	47.79 3.13 0.01	45.84 3.00 0.01	43.63 2.86 0.01	42.43 2.81 0.01	43.01 2.96 0.01	47.44 3.47 0.01	55.31 3.72 0.01	70.18 4.65 0.00	87.85 5.59 0.00	84.31 5.44 0.00	71.16 4.34 0.00	59.65 3.27 -0.01	54.02 2.77 -0.01
RIVERSDE_115KV_TB3 55908	52.52 1.43 0.00	51.07 1.44 0.00	49.08 1.24 0.00	49.41 1.21 0.00	50.83 1.24 0.00	58.96 0.93 0.00	83.75 1.32 0.00	92.92 1.64 0.00	68.15 0.94 0.00	54.65 0.59 0.00	50.26 0.60 0.00	45.25 0.58 0.00	43.45 0.60 0.00	41.48 0.69 0.00	40.34 0.71 0.00	40.82 0.76 0.00	44.81 0.84 0.00	52.37 0.77 0.00	66.51 0.98 0.00	83.16 0.90 0.00	79.74 0.87 0.00	67.68 0.87 0.00	56.99 0.62 0.00	52.02 0.77 0.00
ROARING___BROOK_WT_PWR 323790	50.27 -0.82 0.00	48.93 -0.69 0.00	47.36 -0.48 0.00	47.77 -0.43 0.00	49.25 -0.34 0.00	57.68 -0.35 0.00	81.77 -0.66 0.00	90.36 -0.91 0.00	66.74 -0.47 0.00	53.63 -0.43 0.00	49.17 -0.50 0.00	44.14 -0.53 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.87 -0.75 0.00	39.18 -0.88 0.00	43.00 -0.97 0.00	50.62 -0.98 0.00	64.48 -1.05 0.00	81.27 -0.98 0.00	78.01 -0.87 0.00	66.21 -0.60 0.00	55.98 -0.39 0.00	50.94 -0.31 0.00

ROCHESRG_115KV_T4 355643	49.56 -1.53 0.00	48.14 -1.49 0.00	46.54 -1.29 0.00	47.00 -1.21 0.00	48.26 -1.34 0.00	56.41 -1.62 0.00	80.37 -2.06 0.00	89.36 -1.92 0.00	65.19 -2.02 0.00	53.30 -0.76 0.00	49.22 -0.45 0.00	44.27 -0.40 0.00	42.46 -0.39 0.00	40.38 -0.41 0.00	39.19 -0.44 0.00	39.66 -0.40 0.00	43.31 -0.66 0.00	50.93 -0.67 0.00	64.28 -1.25 0.00	81.19 -1.07 0.00	78.00 -0.87 0.00	65.28 -1.54 0.00	55.92 -0.45 0.00	50.89 -0.36 0.00
ROCHESTER_9_IC 23652	49.81 -1.28 0.00	48.39 -1.24 0.00	46.78 -1.05 0.00	47.24 -0.96 0.00	48.50 -1.09 0.00	56.70 -1.33 0.00	80.79 -1.65 0.00	89.90 -1.37 0.00	65.60 -1.61 0.00	53.63 -0.43 0.00	49.52 -0.15 0.00	44.49 -0.18 0.00	42.68 -0.17 0.00	40.58 -0.20 0.00	39.39 -0.24 0.00	39.90 -0.16 0.00	43.53 -0.44 0.00	51.24 -0.36 0.00	64.68 -0.85 0.00	81.76 -0.49 0.00	78.48 -0.39 0.00	65.68 -1.14 0.00	56.26 -0.11 0.00	51.15 -0.10 0.00
ROCKVIEW_13_KV_LD 356306	54.21 3.12 0.00	52.50 2.88 0.00	50.42 2.58 0.00	50.71 2.51 0.00	52.17 2.58 0.00	61.16 3.13 0.00	87.46 5.03 0.00	97.30 6.02 0.00	71.38 4.17 0.00	57.41 3.35 0.00	52.65 2.98 0.00	47.39 2.72 0.00	45.51 2.66 0.00	43.32 2.53 0.00	42.12 2.50 0.00	42.66 2.60 0.00	47.09 3.12 0.00	54.95 3.35 0.00	69.85 4.32 0.00	87.44 5.18 0.00	83.84 4.97 0.00	70.82 4.01 0.00	59.19 2.82 0.00	53.61 2.36 0.00
ROME____115KV_TB2 80656	52.57 1.48 0.00	51.11 1.49 0.00	49.32 1.48 0.00	49.69 1.49 0.00	51.13 1.54 0.00	60.06 2.03 0.00	86.39 3.96 0.00	95.75 4.47 0.00	70.03 2.82 0.00	55.63 1.57 0.00	51.06 1.39 0.00	45.79 1.12 0.00	43.75 0.90 0.00	41.56 0.77 0.00	40.38 0.75 0.00	41.02 0.96 0.00	44.94 0.97 0.00	53.30 1.70 0.00	68.15 2.62 0.00	86.04 3.78 0.00	82.42 3.55 0.00	69.55 2.74 0.00	58.46 2.09 0.00	53.25 2.00 0.00
ROSETON___1 23587	53.39 2.30 0.00	51.76 2.13 0.00	49.75 1.92 0.00	50.03 1.83 0.00	51.48 1.88 0.00	60.12 2.09 0.00	85.65 3.21 0.00	95.56 4.29 0.00	69.97 2.76 0.00	56.22 2.16 0.00	51.66 1.99 0.00	46.55 1.88 0.00	44.69 1.84 0.00	42.58 1.79 0.00	41.41 1.78 0.00	41.90 1.84 0.00	46.21 2.24 0.00	53.87 2.27 0.00	68.41 2.88 0.00	85.71 3.45 0.00	82.11 3.23 0.00	69.42 2.60 0.00	58.18 1.80 0.00	52.74 1.49 0.00
ROSETON___2 23588	53.39 2.30 0.00	51.76 2.13 0.00	49.75 1.92 0.00	50.03 1.83 0.00	51.48 1.88 0.00	60.12 2.09 0.00	85.65 3.21 0.00	95.56 4.29 0.00	69.97 2.76 0.00	56.22 2.16 0.00	51.66 1.99 0.00	46.55 1.88 0.00	44.69 1.84 0.00	42.58 1.79 0.00	41.41 1.78 0.00	41.90 1.84 0.00	46.21 2.24 0.00	53.87 2.27 0.00	68.41 2.88 0.00	85.71 3.45 0.00	82.11 3.23 0.00	69.42 2.60 0.00	58.18 1.80 0.00	52.74 1.49 0.00
ROTTRDAM_115KV_TB3 80664	52.67 1.58 0.00	51.16 1.54 0.00	49.22 1.39 0.00	49.60 1.40 0.00	51.03 1.44 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.10 2.83 0.00	69.02 1.81 0.00	55.20 1.14 0.00	50.66 0.99 0.00	45.52 0.85 0.00	43.71 0.86 0.00	41.64 0.86 0.00	40.50 0.87 0.00	40.94 0.88 0.00	45.07 1.10 0.00	52.94 1.34 0.00	67.43 1.90 0.00	84.64 2.39 0.00	81.08 2.21 0.00	68.68 1.87 0.00	57.73 1.35 0.00	52.43 1.18 0.00
RUSSELL___1 23602	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
RUSSELL___2 23532	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
RUSSELL___3 23549	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
RUSSELL___4 23556	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
RUSSELL___STATION 23914	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
S SALMON___HYD 24043	50.17 -0.92 0.00	48.73 -0.89 0.00	47.02 -0.81 0.00	47.38 -0.82 0.00	48.75 -0.84 0.00	57.27 -0.76 0.00	82.02 -0.41 0.00	91.00 -0.27 0.00	66.54 -0.67 0.00	53.19 -0.87 0.00	48.82 -0.84 0.00	43.82 -0.85 0.00	41.91 -0.94 0.00	39.85 -0.94 0.00	38.72 -0.91 0.00	39.22 -0.84 0.00	42.96 -1.01 0.00	50.83 -0.77 0.00	64.87 -0.66 0.00	81.85 -0.41 0.00	78.48 -0.39 0.00	66.21 -0.60 0.00	55.75 -0.62 0.00	50.69 -0.56 0.00
S.PERRY__115KV_TB1 80734	51.04 -0.05 0.00	49.63 0.00 0.00	48.03 0.19 0.00	48.59 0.39 0.00	49.94 0.35 0.00	58.55 0.52 0.00	83.84 1.40 0.00	93.19 1.92 0.00	67.01 -0.20 0.00	54.49 0.43 0.00	50.07 0.40 0.00	44.89 0.22 0.00	42.94 0.09 0.00	40.79 0.00 0.00	39.63 0.00 0.00	40.14 0.08 0.00	43.93 -0.04 0.00	52.22 0.62 0.00	66.64 1.11 0.00	84.97 2.71 0.00	81.63 2.76 0.00	68.08 1.27 0.00	58.23 1.86 0.00	52.79 1.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.72 -3.37 0.00	46.50 -3.13 0.00	45.11 -2.73 0.00	45.60 -2.60 0.00	46.77 -2.83 0.00	54.49 -3.54 0.00	77.41 -5.03 0.00	86.07 -5.20 0.00	62.71 -4.50 0.00	52.33 -1.73 0.00	48.63 -1.04 0.00	43.73 -0.94 0.00	41.99 -0.86 0.00	39.89 -0.90 0.00	38.64 -0.99 0.00	39.18 -0.88 0.00	42.74 -1.23 0.00	49.64 -1.96 0.00	62.32 -3.21 0.00	78.97 -3.29 0.00	76.11 -2.76 0.00	63.14 -3.67 0.00	55.02 -1.35 0.00	50.17 -1.08 0.00

SAWYER___23_KV_LOAD 55526	47.72 -3.37 0.00	46.50 -3.13 0.00	45.11 -2.73 0.00	45.60 -2.60 0.00	46.77 -2.83 0.00	54.49 -3.54 0.00	77.41 -5.03 0.00	86.07 -5.20 0.00	62.71 -4.50 0.00	52.33 -1.73 0.00	48.63 -1.04 0.00	43.73 -0.94 0.00	41.99 -0.86 0.00	39.89 -0.90 0.00	38.64 -0.99 0.00	39.18 -0.88 0.00	42.74 -1.23 0.00	49.64 -1.96 0.00	62.32 -3.21 0.00	78.97 -3.29 0.00	76.11 -2.76 0.00	63.14 -3.67 0.00	55.02 -1.35 0.00	50.17 -1.08 0.00
SELKIRK___I 23801	52.62 1.53 0.00	51.11 1.49 0.00	49.22 1.39 0.00	49.55 1.35 0.00	50.93 1.34 0.00	59.25 1.22 0.00	83.92 1.49 0.00	93.10 1.82 0.00	68.08 0.87 0.00	54.55 0.49 0.00	50.11 0.45 0.00	45.03 0.36 0.00	43.28 0.43 0.00	41.28 0.49 0.00	40.14 0.51 0.00	40.62 0.56 0.00	44.67 0.70 0.00	52.32 0.72 0.00	66.64 1.11 0.00	83.66 1.40 0.00	80.13 1.26 0.00	67.95 1.13 0.00	57.27 0.90 0.00	52.22 0.97 0.00
SELKIRK___II 23799	52.37 1.28 0.00	50.87 1.24 0.00	48.94 1.10 0.00	49.26 1.06 0.00	50.68 1.09 0.00	58.90 0.87 0.00	83.50 1.07 0.00	92.82 1.55 0.00	68.02 0.81 0.00	54.66 0.60 0.00	50.22 0.55 0.00	45.21 0.54 0.00	43.41 0.56 0.00	41.40 0.61 0.00	40.26 0.63 0.00	40.74 0.68 0.00	44.76 0.79 0.00	52.32 0.72 0.00	66.45 0.92 0.00	83.32 1.07 0.00	79.74 0.87 0.00	67.62 0.80 0.00	56.94 0.56 0.00	51.91 0.66 0.00
SENECA OSWGO___HYD 24041	50.27 -0.82 0.00	48.78 -0.84 0.00	47.02 -0.81 0.00	47.38 -0.82 0.00	48.75 -0.84 0.00	57.16 -0.87 0.00	81.53 -0.90 0.00	90.54 -0.73 0.00	66.33 -0.88 0.00	53.36 -0.70 0.00	49.02 -0.65 0.00	44.14 -0.53 0.00	42.25 -0.60 0.00	40.22 -0.57 0.00	39.03 -0.59 0.00	39.50 -0.56 0.00	43.26 -0.71 0.00	50.93 -0.67 0.00	64.75 -0.78 0.00	81.35 -0.90 0.00	78.01 -0.87 0.00	65.88 -0.94 0.00	55.58 -0.79 0.00	50.48 -0.77 0.00
SENECA___115KV_TB3 355854	48.23 -2.86 0.00	47.05 -2.58 0.00	45.59 -2.25 0.00	46.13 -2.07 0.00	47.31 -2.28 0.00	55.19 -2.84 0.00	78.48 -3.96 0.00	87.53 -3.74 0.00	63.78 -3.43 0.00	53.03 -1.03 0.00	49.27 -0.40 0.00	44.31 -0.36 0.00	42.51 -0.34 0.00	40.42 -0.37 0.00	39.07 -0.55 0.00	39.66 -0.40 0.00	43.31 -0.66 0.00	50.31 -1.29 0.00	63.17 -2.36 0.00	80.20 -2.06 0.00	77.29 -1.58 0.00	64.01 -2.81 0.00	55.70 -0.68 0.00	50.68 -0.56 0.00
SENECA___ENERGY 23797	50.74 -0.36 0.00	49.28 -0.34 0.00	47.45 -0.38 0.00	47.91 -0.29 0.00	49.30 -0.30 0.00	57.86 -0.17 0.00	82.52 0.08 0.00	91.73 0.46 0.00	67.07 -0.13 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.76 0.09 0.00	42.85 0.00 0.00	40.75 -0.04 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.79 -0.18 0.00	51.70 0.10 0.00	65.66 0.13 0.00	82.18 -0.08 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.49 0.11 0.00	51.40 0.15 0.00
SHOEMAKER___GT 23640	52.98 1.89 0.00	51.41 1.78 0.00	49.46 1.63 0.00	49.74 1.54 0.00	51.18 1.59 0.00	59.77 1.74 0.00	85.24 2.80 0.00	94.83 3.56 0.00	69.42 2.21 0.00	55.79 1.73 0.00	51.16 1.49 0.00	46.10 1.43 0.00	44.31 1.46 0.00	42.17 1.39 0.00	41.01 1.39 0.00	41.54 1.48 0.00	45.77 1.80 0.00	53.45 1.85 0.00	67.82 2.29 0.00	85.21 2.96 0.00	81.55 2.68 0.00	69.02 2.20 0.00	57.90 1.52 0.00	52.48 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	52.98 1.89 0.00	51.36 1.74 0.00	49.37 1.53 0.00	49.69 1.49 0.00	51.08 1.49 0.00	59.83 1.80 0.00	85.32 2.89 0.00	94.74 3.47 0.00	69.49 2.29 0.00	55.79 1.73 0.00	51.16 1.49 0.00	46.14 1.47 0.00	44.31 1.46 0.00	42.21 1.43 0.00	41.05 1.43 0.00	41.54 1.48 0.00	45.77 1.80 0.00	53.46 1.86 0.00	67.82 2.29 0.00	85.05 2.80 0.00	81.55 2.68 0.00	69.02 2.20 0.00	57.90 1.52 0.00	52.48 1.23 0.00
SHOREHAM_IC_1 23715	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.39 3.18 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.91 6.43 -2.04	99.39 7.85 -0.26	76.40 5.78 -3.41	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.44 2.84 -0.01	71.37 5.83 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.79 5.08 -0.90	64.97 3.78 -4.82	55.04 3.38 -0.41
SHOREHAM_IC_2 23716	55.29 4.19 -0.01	53.51 3.87 -0.01	51.48 3.63 -0.01	51.39 3.18 -0.01	53.32 3.72 -0.01	62.22 4.18 -0.01	90.91 6.43 -2.04	99.39 7.85 -0.26	76.40 5.78 -3.41	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.44 2.84 -0.01	71.37 5.83 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.79 5.08 -0.90	64.97 3.78 -4.82	55.04 3.38 -0.41
SISSONVILLE____ 23735	49.15 -1.94 0.00	47.89 -1.74 0.00	46.45 -1.39 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.70 -1.33 0.00	79.38 -3.05 0.00	87.53 -3.74 0.00	65.26 -1.95 0.00	52.38 -1.68 0.00	48.03 -1.64 0.00	43.11 -1.56 0.00	41.14 -1.71 0.00	39.03 -1.75 0.00	37.88 -1.74 0.00	38.26 -1.80 0.00	42.03 -1.93 0.00	49.79 -1.81 0.00	63.10 -2.42 0.00	79.13 -3.13 0.00	76.03 -2.84 0.00	65.08 -1.74 0.00	55.19 -1.18 0.00	50.33 -0.92 0.00
SITHE_IND_GS1 24169	49.86 -1.23 0.00	48.43 -1.19 0.00	46.69 -1.15 0.00	47.04 -1.16 0.00	48.40 -1.19 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.63 -1.64 0.00	65.79 -1.41 0.00	52.98 -1.08 0.00	48.68 -0.99 0.00	43.82 -0.85 0.00	41.99 -0.86 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.00 -0.97 0.00	50.51 -1.09 0.00	64.15 -1.38 0.00	80.53 -1.73 0.00	77.29 -1.58 0.00	65.28 -1.53 0.00	55.19 -1.19 0.00	50.17 -1.08 0.00
SITHE_IND_GS2 24170	49.86 -1.23 0.00	48.43 -1.19 0.00	46.69 -1.15 0.00	47.04 -1.16 0.00	48.40 -1.19 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.63 -1.64 0.00	65.79 -1.41 0.00	52.98 -1.08 0.00	48.68 -0.99 0.00	43.82 -0.85 0.00	41.99 -0.86 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.00 -0.97 0.00	50.51 -1.09 0.00	64.15 -1.38 0.00	80.53 -1.73 0.00	77.29 -1.58 0.00	65.28 -1.53 0.00	55.19 -1.19 0.00	50.17 -1.08 0.00
SITHE_IND_GS3 24171	49.86 -1.23 0.00	48.43 -1.19 0.00	46.69 -1.15 0.00	47.04 -1.16 0.00	48.40 -1.19 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.63 -1.64 0.00	65.79 -1.41 0.00	52.98 -1.08 0.00	48.68 -0.99 0.00	43.82 -0.85 0.00	41.99 -0.86 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.00 -0.97 0.00	50.51 -1.09 0.00	64.15 -1.38 0.00	80.53 -1.73 0.00	77.29 -1.58 0.00	65.28 -1.53 0.00	55.19 -1.19 0.00	50.17 -1.08 0.00
SITHE_IND_GS4 24172	49.86 -1.23 0.00	48.43 -1.19 0.00	46.69 -1.15 0.00	47.04 -1.16 0.00	48.40 -1.19 0.00	56.75 -1.28 0.00	80.79 -1.65 0.00	89.63 -1.64 0.00	65.79 -1.41 0.00	52.98 -1.08 0.00	48.68 -0.99 0.00	43.82 -0.85 0.00	41.99 -0.86 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.00 -0.97 0.00	50.51 -1.09 0.00	64.15 -1.38 0.00	80.53 -1.73 0.00	77.29 -1.58 0.00	65.28 -1.53 0.00	55.19 -1.19 0.00	50.17 -1.08 0.00

SITHE___BATAVIA 24024	49.20 -1.89 0.00	47.89 -1.74 0.00	46.21 -1.63 0.00	47.00 -1.20 0.00	48.01 -1.59 0.00	56.70 -1.33 0.00	80.21 -2.22 0.00	89.35 -1.92 0.00	65.33 -1.88 0.00	53.36 -0.70 0.00	49.22 -0.45 0.00	44.36 -0.31 0.00	42.42 -0.43 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.78 -0.28 0.00	43.04 -0.93 0.00	50.93 -0.67 0.00	64.15 -1.38 0.00	80.53 -1.73 0.00	78.40 -0.47 0.00	65.21 -1.60 0.00	56.37 0.00 0.00	51.30 0.05 0.00
SITHE___INDEPEND 23800	49.86 -1.23 0.00	48.44 -1.19 0.00	46.69 -1.15 0.00	47.04 -1.16 0.00	48.40 -1.19 0.00	56.64 -1.39 0.00	80.79 -1.65 0.00	89.63 -1.64 0.00	65.73 -1.48 0.00	52.98 -1.08 0.00	48.72 -0.94 0.00	43.82 -0.85 0.00	41.99 -0.86 0.00	39.97 -0.82 0.00	38.83 -0.79 0.00	39.26 -0.80 0.00	43.05 -0.92 0.00	50.52 -1.08 0.00	64.15 -1.38 0.00	80.70 -1.56 0.00	77.29 -1.58 0.00	65.28 -1.54 0.00	55.19 -1.18 0.00	50.17 -1.08 0.00
SITHE___MASSENA 23902	50.63 -0.46 0.00	49.28 -0.34 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	81.36 -1.07 0.00	89.45 -1.82 0.00	66.74 -0.47 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.15 -0.47 0.00	39.50 -0.56 0.00	43.40 -0.57 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	81.11 -1.15 0.00	77.84 -1.03 0.00	66.61 -0.20 0.00	56.54 0.17 0.00	51.51 0.26 0.00
SITHE___OGDNSBRG 24021	50.84 -0.26 0.00	49.53 -0.10 0.00	48.03 0.19 0.00	48.44 0.24 0.00	49.84 0.25 0.00	58.55 0.52 0.00	81.94 -0.49 0.00	90.09 -1.19 0.00	67.07 -0.13 0.00	53.74 -0.32 0.00	49.27 -0.40 0.00	44.22 -0.45 0.00	42.16 -0.69 0.00	40.05 -0.73 0.00	38.87 -0.75 0.00	39.30 -0.76 0.00	43.18 -0.79 0.00	51.19 -0.41 0.00	65.07 -0.46 0.00	81.76 -0.49 0.00	78.48 -0.39 0.00	67.15 0.33 0.00	56.99 0.62 0.00	51.91 0.67 0.00
SITHE___STERLING 23777	52.32 1.22 0.00	50.87 1.24 0.00	49.03 1.20 0.00	49.41 1.21 0.00	50.83 1.24 0.00	59.71 1.68 0.00	85.49 3.05 0.00	94.83 3.56 0.00	69.42 2.21 0.00	55.36 1.30 0.00	50.81 1.14 0.00	45.61 0.94 0.00	43.66 0.81 0.00	41.52 0.73 0.00	40.34 0.71 0.00	40.90 0.84 0.00	44.80 0.83 0.00	52.99 1.39 0.00	67.69 2.16 0.00	85.30 3.05 0.00	81.71 2.84 0.00	68.95 2.14 0.00	58.06 1.69 0.00	52.78 1.54 0.00
SLEIGHT__34_KV_TB1 80719	50.12 -0.97 0.00	48.68 -0.94 0.00	46.97 -0.86 0.00	47.43 -0.77 0.00	48.75 -0.84 0.00	57.10 -0.93 0.00	81.61 -0.82 0.00	90.91 -0.37 0.00	66.27 -0.94 0.00	53.79 -0.27 0.00	49.57 -0.10 0.00	44.54 -0.13 0.00	42.72 -0.13 0.00	40.58 -0.20 0.00	39.39 -0.24 0.00	39.86 -0.20 0.00	43.57 -0.40 0.00	51.39 -0.21 0.00	65.14 -0.39 0.00	82.18 -0.08 0.00	78.71 -0.16 0.00	66.08 -0.73 0.00	56.20 -0.17 0.00	51.09 -0.15 0.00
SOUTH CAIRO___GT 23612	53.75 2.66 0.00	52.36 2.73 0.00	50.32 2.49 0.00	50.66 2.46 0.00	52.07 2.48 0.00	60.70 2.67 0.00	86.39 3.96 0.00	95.38 4.11 0.00	69.43 2.22 0.00	54.98 0.92 0.00	50.12 0.45 0.00	45.07 0.40 0.00	43.24 0.39 0.00	41.24 0.45 0.00	40.10 0.48 0.00	40.70 0.64 0.00	44.89 0.92 0.00	53.04 1.44 0.00	67.76 2.23 0.00	85.47 3.21 0.00	81.79 2.92 0.00	69.49 2.67 0.00	58.40 2.03 0.00	53.25 2.00 0.00
SOUTH HAMPTN___IC 23720	55.60 4.50 -0.01	53.80 4.17 -0.01	51.77 3.92 -0.01	51.73 3.52 -0.01	53.67 4.07 -0.01	62.68 4.64 -0.01	91.64 7.17 -2.04	100.21 8.68 -0.26	76.87 6.25 -3.41	58.72 4.65 -0.01	53.00 3.33 0.00	46.81 2.14 0.00	44.69 1.84 0.00	42.70 1.92 0.00	41.45 1.82 0.00	42.18 2.12 0.00	47.31 3.34 0.00	54.76 3.15 -0.01	71.56 6.02 -0.01	89.34 7.08 -0.01	85.51 6.63 -0.01	73.06 5.35 -0.90	65.19 4.00 -4.81	55.40 3.74 -0.41
SOUTHDOW_115KV_TB1 355954	49.86 -1.23 0.00	48.68 -0.94 0.00	47.21 -0.62 0.00	47.91 -0.29 0.00	49.20 -0.40 0.00	57.68 -0.35 0.00	82.43 0.00 0.00	92.19 0.91 0.00	67.07 -0.13 0.00	55.47 1.41 0.00	51.41 1.74 0.00	46.05 1.38 0.00	44.22 1.37 0.00	42.01 1.22 0.00	40.54 0.91 0.00	41.22 1.16 0.00	45.02 1.06 0.00	52.32 0.72 0.00	65.92 0.39 0.00	83.99 1.73 0.00	80.84 1.97 0.00	66.75 -0.07 0.00	57.73 1.35 0.00	52.38 1.13 0.00
SOUTHOLD_69_KV_BK 2 55809	55.44 4.34 -0.01	53.65 4.02 -0.01	51.53 3.68 -0.01	51.58 3.37 -0.01	53.42 3.82 -0.01	62.62 4.58 -0.01	91.81 7.34 -2.04	100.12 8.58 -0.26	76.80 6.18 -3.41	58.61 4.54 -0.01	53.24 3.58 0.00	46.77 2.10 0.00	44.65 1.80 0.00	42.58 1.79 0.00	41.41 1.78 0.00	42.30 2.24 0.00	46.96 2.99 0.00	54.65 3.04 -0.01	71.11 5.57 -0.01	88.77 6.50 -0.01	85.11 6.23 -0.01	72.66 4.94 -0.90	64.85 3.66 -4.81	55.45 3.79 -0.41
SOUTHOLD___IC 23719	55.49 4.39 -0.01	53.75 4.12 -0.01	51.67 3.83 -0.01	51.63 3.42 -0.01	53.57 3.97 -0.01	62.62 4.58 -0.01	91.64 7.17 -2.04	100.21 8.68 -0.26	76.79 6.18 -3.41	58.61 4.54 -0.01	52.89 3.23 0.00	46.81 2.14 0.00	44.69 1.84 0.00	42.62 1.84 0.00	41.37 1.74 0.00	41.94 1.88 0.00	47.05 3.08 0.00	54.55 2.94 -0.01	71.10 5.57 -0.01	88.93 6.66 -0.01	85.11 6.23 -0.01	72.66 4.94 -0.90	64.85 3.66 -4.81	55.40 3.74 -0.41
SOUTH_FORK_WT_PWR 323839	54.98 3.88 -0.01	53.26 3.62 -0.01	51.24 3.40 -0.01	51.20 2.99 -0.01	53.12 3.52 -0.01	62.04 4.00 -0.01	90.90 6.43 -2.04	99.39 7.85 -0.26	76.13 5.51 -3.41	58.18 4.11 -0.01	52.50 2.83 0.00	46.55 1.88 0.00	44.44 1.59 0.00	42.38 1.59 0.00	41.05 1.42 0.00	41.54 1.48 0.00	46.52 2.55 0.00	53.93 2.32 -0.01	70.19 4.65 -0.01	87.78 5.51 -0.01	84.00 5.12 -0.01	71.79 4.08 -0.90	64.12 2.93 -4.81	54.94 3.28 -0.41
SPIERFLS_115KV_TB 1 80737	54.11 3.01 0.00	52.55 2.93 0.00	50.51 2.68 0.00	51.00 2.80 0.00	52.47 2.88 0.00	61.51 3.48 0.00	87.79 5.36 0.00	97.21 5.93 0.00	71.11 3.90 0.00	56.49 2.43 0.00	51.70 2.04 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.09 1.47 0.00	41.58 1.52 0.00	45.90 1.93 0.00	54.18 2.58 0.00	69.46 3.93 0.00	87.69 5.43 0.00	83.76 4.89 0.00	70.76 3.94 0.00	59.42 3.04 0.00	53.86 2.61 0.00
ST LAWRENCE____ 23600	50.22 -0.87 0.00	48.88 -0.74 0.00	47.26 -0.57 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.51 -0.52 0.00	81.03 -1.40 0.00	89.18 -2.10 0.00	66.27 -0.94 0.00	53.41 -0.65 0.00	49.07 -0.59 0.00	44.09 -0.58 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.95 -0.67 0.00	39.30 -0.76 0.00	43.13 -0.84 0.00	50.77 -0.83 0.00	64.35 -1.18 0.00	80.86 -1.40 0.00	77.61 -1.26 0.00	66.01 -0.80 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00
STATE_CA_115KV_115_LB 55624	52.57 1.48 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.02 0.99 0.00	83.75 1.32 0.00	92.92 1.64 0.00	68.22 1.01 0.00	54.71 0.65 0.00	50.31 0.65 0.00	45.29 0.63 0.00	43.45 0.60 0.00	41.48 0.69 0.00	40.38 0.75 0.00	40.82 0.76 0.00	44.85 0.88 0.00	52.43 0.83 0.00	66.58 1.05 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.68 0.87 0.00	57.05 0.68 0.00	52.12 0.87 0.00

STATE_ST_34_KV_LOAD 55959	51.14 0.05 0.00	49.63 0.00 0.00	47.84 0.00 0.00	48.20 0.00 0.00	49.59 0.00 0.00	58.15 0.12 0.00	83.18 0.74 0.00	92.55 1.28 0.00	67.54 0.34 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.03 0.36 0.00	43.15 0.30 0.00	41.07 0.29 0.00	39.86 0.24 0.00	40.34 0.28 0.00	44.23 0.26 0.00	52.12 0.52 0.00	66.25 0.72 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.28 0.47 0.00	56.88 0.51 0.00	51.66 0.41 0.00
STATION_5_MISC_HYD 23604	49.86 -1.23 0.00	48.49 -1.14 0.00	46.74 -1.10 0.00	47.33 -0.87 0.00	48.50 -1.09 0.00	57.10 -0.93 0.00	80.95 -1.48 0.00	90.00 -1.28 0.00	65.93 -1.28 0.00	53.63 -0.43 0.00	49.37 -0.30 0.00	44.49 -0.18 0.00	42.59 -0.26 0.00	40.50 -0.28 0.00	39.35 -0.28 0.00	39.86 -0.20 0.00	43.35 -0.62 0.00	51.24 -0.36 0.00	64.68 -0.85 0.00	81.19 -1.07 0.00	78.48 -0.39 0.00	65.68 -1.14 0.00	56.26 -0.11 0.00	51.15 -0.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.84 -0.26 0.00	49.38 -0.25 0.00	47.64 -0.19 0.00	48.15 -0.05 0.00	49.45 -0.15 0.00	57.91 -0.12 0.00	82.76 0.33 0.00	92.28 1.00 0.00	67.21 0.00 0.00	54.55 0.49 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.24 0.39 0.00	41.11 0.33 0.00	39.90 0.28 0.00	40.38 0.32 0.00	44.15 0.18 0.00	52.17 0.57 0.00	66.05 0.52 0.00	83.25 0.99 0.00	79.74 0.87 0.00	67.01 0.20 0.00	56.99 0.62 0.00	51.76 0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.61 -1.48 0.00	48.19 -1.44 0.00	46.59 -1.24 0.00	47.04 -1.16 0.00	48.30 -1.29 0.00	56.46 -1.57 0.00	80.54 -1.90 0.00	89.63 -1.64 0.00	65.39 -1.81 0.00	53.36 -0.70 0.00	49.27 -0.40 0.00	44.31 -0.36 0.00	42.51 -0.34 0.00	40.38 -0.41 0.00	39.23 -0.40 0.00	39.70 -0.36 0.00	43.35 -0.62 0.00	51.03 -0.57 0.00	64.48 -1.05 0.00	81.44 -0.82 0.00	78.16 -0.71 0.00	65.41 -1.40 0.00	55.98 -0.39 0.00	50.89 -0.36 0.00
STA_56__34_KV_BUS2 355983	49.61 -1.48 0.00	48.19 -1.44 0.00	46.59 -1.24 0.00	47.04 -1.16 0.00	48.30 -1.29 0.00	56.46 -1.57 0.00	80.54 -1.90 0.00	89.63 -1.64 0.00	65.39 -1.81 0.00	53.36 -0.70 0.00	49.27 -0.40 0.00	44.31 -0.36 0.00	42.51 -0.34 0.00	40.38 -0.41 0.00	39.23 -0.40 0.00	39.70 -0.36 0.00	43.35 -0.62 0.00	51.03 -0.57 0.00	64.48 -1.05 0.00	81.44 -0.82 0.00	78.16 -0.71 0.00	65.41 -1.40 0.00	55.98 -0.39 0.00	50.89 -0.36 0.00
STA_67__115KV_BK2 355882	49.71 -1.38 0.00	48.29 -1.34 0.00	46.69 -1.15 0.00	47.14 -1.06 0.00	48.40 -1.19 0.00	56.58 -1.45 0.00	80.62 -1.81 0.00	89.72 -1.55 0.00	65.46 -1.75 0.00	53.47 -0.59 0.00	49.37 -0.30 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.50 -0.29 0.00	39.31 -0.32 0.00	39.78 -0.28 0.00	43.44 -0.53 0.00	51.14 -0.46 0.00	64.55 -0.98 0.00	81.52 -0.74 0.00	78.32 -0.55 0.00	65.54 -1.27 0.00	56.09 -0.28 0.00	51.04 -0.20 0.00
STA_7__115KV_9TRANS 80674	50.02 -1.07 0.00	48.58 -1.04 0.00	46.97 -0.86 0.00	47.48 -0.72 0.00	48.70 -0.89 0.00	56.93 -1.10 0.00	81.20 -1.24 0.00	90.45 -0.82 0.00	65.93 -1.28 0.00	53.84 -0.22 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.75 -0.22 0.00	51.55 -0.05 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	78.95 0.08 0.00	66.08 -0.73 0.00	56.54 0.17 0.00	51.40 0.15 0.00
STA_82__115KV_TB1 80780	49.71 -1.38 0.00	48.29 -1.34 0.00	46.69 -1.15 0.00	47.14 -1.06 0.00	48.40 -1.19 0.00	56.58 -1.45 0.00	80.62 -1.81 0.00	89.72 -1.55 0.00	65.46 -1.75 0.00	53.47 -0.59 0.00	49.37 -0.30 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.50 -0.29 0.00	39.31 -0.32 0.00	39.78 -0.28 0.00	43.44 -0.53 0.00	51.14 -0.46 0.00	64.55 -0.98 0.00	81.52 -0.74 0.00	78.32 -0.55 0.00	65.54 -1.27 0.00	56.09 -0.28 0.00	51.04 -0.20 0.00
STEEL__WIND 323596	48.33 -2.76 0.00	47.10 -2.53 0.00	45.44 -2.39 0.00	46.22 -1.98 0.00	47.26 -2.33 0.00	55.83 -2.21 0.00	78.73 -3.71 0.00	87.53 -3.75 0.00	64.39 -2.82 0.00	52.98 -1.08 0.00	49.02 -0.65 0.00	44.22 -0.45 0.00	42.21 -0.64 0.00	40.18 -0.61 0.00	38.99 -0.64 0.00	39.62 -0.44 0.00	42.96 -1.01 0.00	50.26 -1.34 0.00	63.11 -2.42 0.00	79.13 -3.13 0.00	77.21 -1.66 0.00	63.94 -2.87 0.00	55.64 -0.73 0.00	50.64 -0.61 0.00
STEPHTWN_115KV_BK_2 55603	52.98 1.89 0.00	51.46 1.84 0.00	49.51 1.67 0.00	49.84 1.64 0.00	51.28 1.69 0.00	59.54 1.51 0.00	84.50 2.06 0.00	93.74 2.46 0.00	68.75 1.55 0.00	55.03 0.97 0.00	50.56 0.89 0.00	45.47 0.80 0.00	43.62 0.77 0.00	41.60 0.82 0.00	40.54 0.91 0.00	40.98 0.92 0.00	45.07 1.10 0.00	52.79 1.19 0.00	67.04 1.51 0.00	83.99 1.73 0.00	80.45 1.58 0.00	68.22 1.40 0.00	57.44 1.07 0.00	52.48 1.23 0.00
STEUBEN_REC_LFGE 323667	50.12 -0.97 0.00	48.83 -0.79 0.00	47.36 -0.48 0.00	47.86 -0.34 0.00	49.35 -0.25 0.00	57.86 -0.17 0.00	82.93 0.49 0.00	92.19 0.91 0.00	66.47 -0.74 0.00	54.28 0.22 0.00	49.97 0.30 0.00	44.80 0.13 0.00	42.89 0.04 0.00	40.75 -0.04 0.00	39.51 -0.12 0.00	39.94 -0.12 0.00	43.79 -0.18 0.00	51.75 0.15 0.00	65.99 0.46 0.00	83.82 1.56 0.00	80.37 1.50 0.00	67.28 0.47 0.00	57.56 1.18 0.00	52.32 1.08 0.00
STILLWATER__SOLAR 323814	53.64 2.55 0.00	52.06 2.43 0.00	50.08 2.25 0.00	50.47 2.27 0.00	51.93 2.33 0.00	60.76 2.73 0.00	86.47 4.04 0.00	95.93 4.65 0.00	70.10 2.89 0.00	55.84 1.78 0.00	51.16 1.49 0.00	45.83 1.16 0.00	44.01 1.16 0.00	41.89 1.10 0.00	40.81 1.19 0.00	41.30 1.24 0.00	45.55 1.58 0.00	53.61 2.01 0.00	68.61 3.08 0.00	86.37 4.11 0.00	82.58 3.71 0.00	69.89 3.08 0.00	58.69 2.31 0.00	53.30 2.05 0.00
STONY__BROOK 24151	55.49 4.39 -0.01	53.75 4.12 -0.01	51.72 3.87 -0.01	51.83 3.62 -0.01	53.52 3.92 -0.01	62.51 4.47 -0.01	91.24 6.76 -2.04	99.75 8.22 -0.26	76.55 5.92 -3.42	58.55 4.48 -0.01	53.09 3.42 0.00	46.95 2.28 0.00	44.86 2.01 0.00	42.78 2.00 0.00	41.65 2.02 0.00	42.42 2.36 0.00	47.62 3.65 0.00	55.33 3.72 -0.01	71.50 5.96 -0.01	89.09 6.82 -0.01	85.35 6.47 -0.01	73.06 5.35 -0.90	65.32 4.11 -4.83	55.25 3.59 -0.41
STURGEON_POOL_HYD 23609	53.49 2.40 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.08 1.88 0.00	51.53 1.93 0.00	60.35 2.32 0.00	86.14 3.71 0.00	95.75 4.47 0.00	70.17 2.96 0.00	56.22 2.16 0.00	51.51 1.84 0.00	46.46 1.79 0.00	44.65 1.80 0.00	42.50 1.71 0.00	41.33 1.70 0.00	41.86 1.80 0.00	46.12 2.15 0.00	53.92 2.32 0.00	68.41 2.88 0.00	85.71 3.45 0.00	82.18 3.31 0.00	69.62 2.81 0.00	58.29 1.92 0.00	52.73 1.49 0.00
ST_LAW_115_BK7_LBMP 345037	50.17 -0.92 0.00	48.83 -0.80 0.00	47.26 -0.57 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.45 -0.58 0.00	80.95 -1.48 0.00	88.99 -2.28 0.00	66.20 -1.01 0.00	53.36 -0.70 0.00	49.02 -0.65 0.00	44.04 -0.63 0.00	42.12 -0.73 0.00	40.05 -0.73 0.00	38.87 -0.75 0.00	39.26 -0.80 0.00	43.09 -0.88 0.00	50.72 -0.88 0.00	64.28 -1.25 0.00	80.69 -1.57 0.00	77.45 -1.42 0.00	65.94 -0.87 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00

ST_LAW_115_BK8_LBMP 345038	50.17 -0.92 0.00	48.83 -0.80 0.00	47.26 -0.57 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.45 -0.58 0.00	80.95 -1.48 0.00	88.99 -2.28 0.00	66.20 -1.01 0.00	53.36 -0.70 0.00	49.02 -0.65 0.00	44.04 -0.63 0.00	42.12 -0.73 0.00	40.05 -0.73 0.00	38.87 -0.75 0.00	39.26 -0.80 0.00	43.09 -0.88 0.00	50.72 -0.88 0.00	64.28 -1.25 0.00	80.69 -1.57 0.00	77.45 -1.42 0.00	65.94 -0.87 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00
ST_LAW_230_BK5_LBMP 345035	50.22 -0.87 0.00	48.88 -0.74 0.00	47.26 -0.57 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.51 -0.52 0.00	81.03 -1.40 0.00	89.18 -2.10 0.00	66.27 -0.94 0.00	53.41 -0.65 0.00	49.07 -0.59 0.00	44.09 -0.58 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.95 -0.67 0.00	39.30 -0.76 0.00	43.13 -0.84 0.00	50.77 -0.83 0.00	64.35 -1.18 0.00	80.86 -1.40 0.00	77.61 -1.26 0.00	66.01 -0.80 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00
ST_LAW_230_BK6_LBMP 345036	50.22 -0.87 0.00	48.88 -0.74 0.00	47.26 -0.57 0.00	47.67 -0.53 0.00	49.10 -0.50 0.00	57.51 -0.52 0.00	81.03 -1.40 0.00	89.18 -2.10 0.00	66.27 -0.94 0.00	53.41 -0.65 0.00	49.07 -0.59 0.00	44.09 -0.58 0.00	42.21 -0.64 0.00	40.09 -0.69 0.00	38.95 -0.67 0.00	39.30 -0.76 0.00	43.13 -0.84 0.00	50.77 -0.83 0.00	64.35 -1.18 0.00	80.86 -1.40 0.00	77.61 -1.26 0.00	66.01 -0.80 0.00	55.92 -0.45 0.00	50.94 -0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.19 2.09 0.00	51.56 1.94 0.00	49.56 1.72 0.00	49.84 1.64 0.00	51.28 1.69 0.00	60.00 1.97 0.00	85.65 3.21 0.00	95.20 3.92 0.00	69.83 2.62 0.00	56.11 2.05 0.00	51.46 1.79 0.00	46.41 1.74 0.00	44.56 1.71 0.00	42.42 1.63 0.00	41.25 1.62 0.00	41.78 1.72 0.00	46.04 2.07 0.00	53.72 2.12 0.00	68.15 2.62 0.00	85.47 3.21 0.00	81.95 3.08 0.00	69.35 2.54 0.00	58.06 1.69 0.00	52.63 1.38 0.00
SWANROAD_115KV_TB1 355699	46.70 -4.39 0.00	45.51 -4.12 0.00	44.15 -3.68 0.00	44.63 -3.57 0.00	45.73 -3.87 0.00	53.27 -4.76 0.00	75.59 -6.84 0.00	83.97 -7.30 0.00	61.09 -6.12 0.00	51.03 -3.03 0.00	47.48 -2.19 0.00	42.70 -1.97 0.00	41.01 -1.84 0.00	38.99 -1.79 0.00	37.76 -1.86 0.00	38.30 -1.76 0.00	41.77 -2.20 0.00	48.50 -3.10 0.00	60.81 -4.72 0.00	77.08 -5.18 0.00	74.30 -4.57 0.00	61.74 -5.08 0.00	53.89 -2.48 0.00	49.15 -2.10 0.00
SYNERGY___BIOGAS 323694	49.10 -1.99 0.00	47.79 -1.84 0.00	46.26 -1.58 0.00	46.85 -1.35 0.00	48.06 -1.54 0.00	56.12 -1.92 0.00	79.96 -2.47 0.00	89.17 -2.10 0.00	64.72 -2.49 0.00	53.36 -0.70 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.46 -0.33 0.00	39.23 -0.40 0.00	39.78 -0.28 0.00	43.35 -0.62 0.00	50.98 -0.62 0.00	64.15 -1.38 0.00	81.52 -0.74 0.00	78.40 -0.47 0.00	65.21 -1.60 0.00	56.37 0.00 0.00	51.30 0.05 0.00
SYRACUSE___ENERGY_ST1 323597	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	51.09 0.00 0.00	49.58 -0.05 0.00	47.79 -0.05 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	57.97 -0.06 0.00	82.85 0.41 0.00	92.09 0.82 0.00	67.34 0.13 0.00	54.33 0.27 0.00	49.92 0.25 0.00	44.89 0.22 0.00	43.02 0.17 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.18 0.12 0.00	44.06 0.09 0.00	51.81 0.21 0.00	65.86 0.33 0.00	82.92 0.66 0.00	79.34 0.47 0.00	66.95 0.13 0.00	56.54 0.17 0.00	51.35 0.10 0.00
SYRACUSE___POWER 24017	50.94 -0.15 0.00	49.48 -0.15 0.00	47.64 -0.19 0.00	48.01 -0.19 0.00	49.40 -0.20 0.00	57.86 -0.17 0.00	82.68 0.25 0.00	91.91 0.64 0.00	67.21 0.00 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.87 0.08 0.00	39.71 0.08 0.00	40.14 0.08 0.00	44.01 0.04 0.00	51.75 0.15 0.00	65.79 0.26 0.00	82.75 0.49 0.00	79.19 0.32 0.00	66.81 0.00 0.00	56.43 0.06 0.00	51.25 0.00 0.00
TALLMAN___138KV_BK151 55660	53.44 2.35 0.00	51.76 2.13 0.00	49.75 1.91 0.00	50.08 1.88 0.00	51.48 1.88 0.00	60.24 2.21 0.00	86.06 3.63 0.00	95.65 4.38 0.00	70.17 2.96 0.00	56.49 2.43 0.00	51.80 2.14 0.00	46.72 2.05 0.00	44.86 2.01 0.00	42.74 1.96 0.00	41.57 1.94 0.00	42.10 2.04 0.00	46.39 2.42 0.00	54.03 2.43 0.00	68.54 3.01 0.00	85.88 3.62 0.00	82.34 3.47 0.00	69.62 2.81 0.00	58.29 1.92 0.00	52.79 1.54 0.00
TEALLAVE_115KV_TB7 355573	50.78 -0.31 0.00	49.33 -0.30 0.00	47.50 -0.33 0.00	47.86 -0.34 0.00	49.25 -0.35 0.00	57.68 -0.35 0.00	82.43 0.00 0.00	91.64 0.37 0.00	67.01 -0.20 0.00	54.06 0.00 0.00	49.72 0.05 0.00	44.71 0.04 0.00	42.89 0.04 0.00	40.79 0.00 0.00	39.59 -0.04 0.00	40.06 0.00 0.00	43.88 -0.09 0.00	51.60 0.00 0.00	65.53 0.00 0.00	82.42 0.16 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.26 -0.11 0.00	51.09 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	48.08 -3.01 0.00	46.85 -2.78 0.00	45.40 -2.44 0.00	45.94 -2.27 0.00	47.07 -2.53 0.00	54.90 -3.13 0.00	78.15 -4.29 0.00	86.98 -4.29 0.00	63.24 -3.97 0.00	52.44 -1.62 0.00	48.68 -0.99 0.00	43.73 -0.94 0.00	41.99 -0.86 0.00	39.89 -0.90 0.00	38.68 -0.95 0.00	39.18 -0.88 0.00	42.74 -1.23 0.00	49.95 -1.65 0.00	62.78 -2.75 0.00	79.63 -2.63 0.00	76.66 -2.21 0.00	63.74 -3.07 0.00	55.36 -1.01 0.00	50.43 -0.82 0.00
TEMPLE___115KV_TB 2 55572	50.84 -0.26 0.00	49.33 -0.30 0.00	47.55 -0.29 0.00	47.91 -0.29 0.00	49.30 -0.30 0.00	57.74 -0.29 0.00	82.43 0.00 0.00	91.64 0.37 0.00	67.07 -0.13 0.00	54.11 0.05 0.00	49.77 0.10 0.00	44.76 0.09 0.00	42.94 0.09 0.00	40.83 0.04 0.00	39.63 0.00 0.00	40.10 0.04 0.00	43.93 -0.04 0.00	51.65 0.05 0.00	65.59 0.07 0.00	82.50 0.25 0.00	78.95 0.08 0.00	66.61 -0.20 0.00	56.32 -0.06 0.00	51.15 -0.10 0.00
TIANA____69_KV_BK 1 55817	55.54 4.44 -0.01	53.75 4.12 -0.01	51.62 3.78 -0.01	51.68 3.47 -0.01	53.52 3.92 -0.01	62.68 4.64 -0.01	91.72 7.25 -2.04	100.02 8.49 -0.26	76.87 6.25 -3.41	58.66 4.60 -0.01	53.34 3.68 0.00	46.72 2.05 0.00	44.61 1.76 0.00	42.62 1.84 0.00	41.53 1.90 0.00	42.58 2.52 0.00	47.31 3.34 0.00	54.91 3.30 -0.01	71.63 6.09 -0.01	89.26 6.99 -0.01	85.58 6.70 -0.01	73.12 5.41 -0.90	65.19 4.00 -4.81	55.45 3.79 -0.41
TILDEN___115KV_TB1 80814	50.94 -0.15 0.00	49.48 -0.15 0.00	47.64 -0.19 0.00	48.01 -0.19 0.00	49.40 -0.20 0.00	57.86 -0.17 0.00	82.68 0.25 0.00	91.91 0.64 0.00	67.21 0.00 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.87 0.08 0.00	39.71 0.08 0.00	40.14 0.08 0.00	44.01 0.04 0.00	51.75 0.15 0.00	65.79 0.26 0.00	82.75 0.49 0.00	79.19 0.32 0.00	66.81 0.00 0.00	56.43 0.06 0.00	51.25 0.00 0.00

TRIGEN__CC 323695	54.53 3.42 -0.02	52.87 3.23 -0.02	50.82 2.97 -0.02	51.16 2.94 -0.02	52.64 3.03 -0.02	61.53 3.48 -0.02	91.23 5.19 -3.60	97.85 6.12 -0.46	77.60 4.37 -6.02	57.86 3.78 -0.02	52.95 3.28 0.00	46.99 2.32 0.00	44.99 2.14 0.00	42.83 2.04 0.00	41.73 2.10 0.00	42.50 2.44 0.00	47.18 3.21 0.00	55.12 3.51 -0.02	69.80 4.26 -0.02	87.29 5.02 -0.02	83.70 4.81 -0.02	72.41 4.01 -1.59	67.92 3.04 -8.51	54.64 2.66 -0.73
TRINITY__115KV__ 4 BK 55933	52.42 1.33 0.00	50.97 1.34 0.00	49.03 1.20 0.00	49.36 1.16 0.00	50.74 1.14 0.00	58.84 0.81 0.00	83.51 1.07 0.00	92.64 1.37 0.00	67.95 0.74 0.00	54.55 0.49 0.00	50.12 0.45 0.00	45.16 0.49 0.00	43.32 0.47 0.00	41.36 0.57 0.00	40.26 0.63 0.00	40.74 0.68 0.00	44.72 0.75 0.00	52.22 0.62 0.00	66.32 0.79 0.00	82.92 0.66 0.00	79.50 0.63 0.00	67.48 0.67 0.00	56.82 0.45 0.00	51.91 0.67 0.00
UNION__PROCESSING_DRP 323587	49.71 -1.38 0.00	48.29 -1.34 0.00	46.69 -1.15 0.00	47.19 -1.01 0.00	48.40 -1.19 0.00	56.58 -1.45 0.00	80.62 -1.81 0.00	89.72 -1.55 0.00	65.46 -1.75 0.00	53.52 -0.54 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.59 -0.26 0.00	40.50 -0.29 0.00	39.31 -0.32 0.00	39.82 -0.24 0.00	43.44 -0.53 0.00	51.14 -0.46 0.00	64.55 -0.98 0.00	81.52 -0.74 0.00	78.32 -0.55 0.00	65.54 -1.27 0.00	56.15 -0.23 0.00	51.04 -0.20 0.00
UPPER HUDSON__HYD 24058	54.16 3.07 0.00	52.55 2.93 0.00	50.51 2.68 0.00	51.00 2.79 0.00	52.42 2.83 0.00	61.51 3.48 0.00	87.71 5.28 0.00	97.20 5.93 0.00	71.11 3.90 0.00	56.49 2.43 0.00	51.71 2.04 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.09 1.47 0.00	41.58 1.52 0.00	45.90 1.93 0.00	54.18 2.58 0.00	69.46 3.93 0.00	87.69 5.43 0.00	83.76 4.89 0.00	70.75 3.94 0.00	59.42 3.04 0.00	53.86 2.61 0.00
UPPER RAQUET__HYD 24056	49.20 -1.89 0.00	47.89 -1.74 0.00	46.45 -1.39 0.00	46.85 -1.35 0.00	48.26 -1.34 0.00	56.70 -1.33 0.00	79.55 -2.89 0.00	87.44 -3.83 0.00	65.26 -1.95 0.00	52.38 -1.68 0.00	48.03 -1.64 0.00	43.10 -1.56 0.00	41.13 -1.72 0.00	39.08 -1.71 0.00	37.92 -1.70 0.00	38.26 -1.80 0.00	42.04 -1.93 0.00	49.74 -1.86 0.00	63.11 -2.42 0.00	79.22 -3.04 0.00	76.04 -2.84 0.00	65.08 -1.74 0.00	55.19 -1.19 0.00	50.33 -0.92 0.00
VALLEY44_115KV_TB2 355964	48.38 -2.71 0.00	47.05 -2.58 0.00	45.59 -2.25 0.00	46.13 -2.07 0.00	47.31 -2.28 0.00	55.36 -2.67 0.00	78.97 -3.46 0.00	88.17 -3.10 0.00	64.18 -3.02 0.00	53.25 -0.81 0.00	49.32 -0.35 0.00	44.22 -0.45 0.00	42.42 -0.43 0.00	40.34 -0.45 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.31 -0.66 0.00	50.36 -1.24 0.00	63.17 -2.36 0.00	80.37 -1.89 0.00	77.37 -1.50 0.00	64.21 -2.61 0.00	55.47 -0.90 0.00	50.33 -0.92 0.00
VALLEY__115KV_TB 1-4 80826	49.46 -1.63 0.00	48.09 -1.54 0.00	46.45 -1.39 0.00	46.95 -1.25 0.00	48.50 -1.09 0.00	57.10 -0.93 0.00	81.86 -0.58 0.00	91.09 -0.18 0.00	66.81 -0.40 0.00	53.36 -0.70 0.00	48.97 -0.70 0.00	44.00 -0.67 0.00	42.16 -0.69 0.00	40.05 -0.73 0.00	38.87 -0.75 0.00	39.30 -0.76 0.00	43.05 -0.92 0.00	50.77 -0.83 0.00	65.07 -0.46 0.00	82.26 0.00 0.00	79.03 0.16 0.00	67.01 0.20 0.00	56.37 0.00 0.00	51.25 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.65 2.55 0.00	52.11 2.48 0.00	50.18 2.34 0.00	50.56 2.36 0.00	51.97 2.38 0.00	60.93 2.90 0.00	87.22 4.78 0.00	96.93 5.66 0.00	70.91 3.70 0.00	56.71 2.65 0.00	52.10 2.43 0.00	46.81 2.14 0.00	44.91 2.06 0.00	42.66 1.88 0.00	41.45 1.82 0.00	41.98 1.92 0.00	45.99 2.02 0.00	54.23 2.63 0.00	69.00 3.47 0.00	86.86 4.61 0.00	83.13 4.26 0.00	70.35 3.54 0.00	59.14 2.76 0.00	53.71 2.46 0.00
VISCHER__FERRY HYD 24020	52.93 1.84 0.00	51.41 1.78 0.00	49.41 1.58 0.00	49.79 1.59 0.00	51.18 1.59 0.00	59.71 1.68 0.00	84.99 2.56 0.00	94.38 3.11 0.00	69.16 1.95 0.00	55.25 1.19 0.00	50.71 1.04 0.00	45.52 0.85 0.00	43.75 0.90 0.00	41.73 0.94 0.00	40.58 0.95 0.00	41.06 1.00 0.00	45.20 1.23 0.00	52.94 1.34 0.00	67.56 2.03 0.00	84.72 2.47 0.00	81.08 2.21 0.00	68.75 1.94 0.00	57.72 1.35 0.00	52.48 1.23 0.00
V_A_10_SYNC_DSASP 323832	48.64 -2.45 0.00	47.34 -2.28 0.00	45.64 -2.20 0.00	46.27 -1.93 0.00	47.36 -2.23 0.00	55.77 -2.26 0.00	78.64 -3.79 0.00	87.17 -4.11 0.00	64.05 -3.16 0.00	52.55 -1.51 0.00	48.48 -1.19 0.00	43.73 -0.94 0.00	41.87 -0.98 0.00	39.81 -0.98 0.00	38.67 -0.95 0.00	39.22 -0.84 0.00	42.56 -1.41 0.00	50.05 -1.55 0.00	62.97 -2.56 0.00	78.72 -3.53 0.00	76.51 -2.36 0.00	63.88 -2.94 0.00	55.13 -1.24 0.00	50.33 -0.92 0.00
V_CMM_10_SYNC_DSASP 323787	50.48 -0.61 0.00	49.08 -0.54 0.00	47.50 -0.33 0.00	47.91 -0.29 0.00	49.35 -0.25 0.00	57.80 -0.23 0.00	81.28 -1.15 0.00	89.45 -1.82 0.00	66.47 -0.74 0.00	53.68 -0.38 0.00	49.27 -0.40 0.00	44.27 -0.40 0.00	42.34 -0.51 0.00	40.26 -0.53 0.00	39.07 -0.55 0.00	39.42 -0.64 0.00	43.31 -0.66 0.00	50.98 -0.62 0.00	64.55 -0.98 0.00	81.11 -1.15 0.00	77.84 -1.03 0.00	66.28 -0.54 0.00	56.26 -0.11 0.00	51.25 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	49.35 -1.74 0.00	48.19 -1.44 0.00	46.98 -0.86 0.00	47.57 -0.63 0.00	49.15 -0.45 0.00	57.86 -0.17 0.00	81.45 -0.99 0.00	89.91 -1.37 0.00	66.67 -0.54 0.00	53.95 -0.11 0.00	49.52 -0.15 0.00	44.45 -0.22 0.00	42.42 -0.43 0.00	40.26 -0.53 0.00	38.99 -0.64 0.00	39.30 -0.76 0.00	43.22 -0.75 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	81.93 -0.33 0.00	78.79 -0.08 0.00	66.81 0.00 0.00	56.77 0.40 0.00	51.66 0.41 0.00
V_D_10_SYNC_DSASP 323841	50.63 -0.46 0.00	49.28 -0.34 0.00	47.69 -0.14 0.00	48.10 -0.10 0.00	49.54 -0.05 0.00	58.03 0.00 0.00	81.36 -1.07 0.00	89.45 -1.82 0.00	66.74 -0.47 0.00	53.84 -0.22 0.00	49.42 -0.25 0.00	44.40 -0.27 0.00	42.46 -0.39 0.00	40.34 -0.45 0.00	39.19 -0.44 0.00	39.54 -0.52 0.00	43.40 -0.57 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	81.11 -1.15 0.00	77.84 -1.03 0.00	66.61 -0.20 0.00	56.54 0.17 0.00	51.51 0.26 0.00
V_E_10_SYNC_DSASP 323830	54.41 3.32 0.00	52.95 3.33 0.00	51.18 3.35 0.00	51.72 3.52 0.00	53.26 3.67 0.00	62.91 4.88 0.00	91.01 8.57 0.00	101.04 9.77 0.00	74.73 7.53 0.00	58.65 4.59 0.00	53.59 3.92 0.00	47.98 3.31 0.00	45.72 2.87 0.00	43.36 2.57 0.00	42.20 2.57 0.00	43.06 3.01 0.00	47.22 3.25 0.00	56.55 4.95 0.00	72.87 7.34 0.00	92.62 10.36 0.00	88.65 9.78 0.00	74.56 7.75 0.00	62.46 6.09 0.00	56.78 5.54 0.00
V_F_30_NSYNC__DSASP 323816	53.70 2.60 0.00	52.16 2.53 0.00	50.13 2.30 0.00	50.56 2.36 0.00	51.97 2.38 0.00	60.82 2.79 0.00	86.64 4.20 0.00	96.02 4.74 0.00	70.24 3.03 0.00	56.00 1.94 0.00	51.31 1.64 0.00	45.97 1.30 0.00	44.13 1.28 0.00	42.01 1.22 0.00	40.89 1.27 0.00	41.38 1.32 0.00	45.64 1.67 0.00	53.72 2.12 0.00	68.67 3.15 0.00	86.45 4.19 0.00	82.74 3.86 0.00	69.95 3.14 0.00	58.80 2.42 0.00	53.35 2.10 0.00

V_F_30_SYNC_DSASP 323786	52.57 1.48 0.00	51.11 1.49 0.00	49.17 1.34 0.00	49.50 1.30 0.00	50.88 1.29 0.00	59.02 0.99 0.00	83.75 1.32 0.00	92.92 1.64 0.00	68.22 1.01 0.00	54.71 0.65 0.00	50.31 0.65 0.00	45.29 0.63 0.00	43.45 0.60 0.00	41.48 0.69 0.00	40.38 0.75 0.00	40.82 0.76 0.00	44.85 0.88 0.00	52.43 0.83 0.00	66.58 1.05 0.00	83.33 1.07 0.00	79.82 0.95 0.00	67.68 0.87 0.00	57.05 0.68 0.00	52.12 0.87 0.00
V_XM_10_SYNC_DSASP 323789	49.35 -1.74 0.00	48.19 -1.44 0.00	46.98 -0.86 0.00	47.57 -0.63 0.00	49.15 -0.45 0.00	57.86 -0.17 0.00	81.45 -0.99 0.00	89.91 -1.37 0.00	66.67 -0.54 0.00	53.95 -0.11 0.00	49.52 -0.15 0.00	44.45 -0.22 0.00	42.42 -0.43 0.00	40.26 -0.53 0.00	38.99 -0.64 0.00	39.30 -0.76 0.00	43.22 -0.75 0.00	51.13 -0.47 0.00	64.75 -0.78 0.00	81.93 -0.33 0.00	78.79 -0.08 0.00	66.81 0.00 0.00	56.77 0.40 0.00	51.66 0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.59 2.50 0.00	51.96 2.33 0.00	49.89 2.06 0.00	50.23 2.02 0.00	51.63 2.03 0.00	60.47 2.44 0.00	86.31 3.87 0.00	96.02 4.75 0.00	70.43 3.23 0.00	56.65 2.59 0.00	51.95 2.28 0.00	46.86 2.19 0.00	44.95 2.10 0.00	42.83 2.04 0.00	41.69 2.06 0.00	42.22 2.16 0.00	46.48 2.51 0.00	54.18 2.58 0.00	68.74 3.21 0.00	86.21 3.95 0.00	82.66 3.79 0.00	69.89 3.07 0.00	58.46 2.09 0.00	52.94 1.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	54.31 3.22 0.00	52.55 2.93 0.00	50.42 2.58 0.00	50.80 2.60 0.00	52.27 2.68 0.00	61.28 3.25 0.00	87.71 5.28 0.00	97.66 6.39 0.00	71.64 4.44 0.00	57.68 3.62 0.00	52.95 3.28 0.00	47.71 3.04 0.00	45.76 2.91 0.00	43.56 2.77 0.00	42.36 2.73 0.00	42.90 2.84 0.00	47.31 3.34 0.00	55.26 3.66 0.00	70.12 4.59 0.00	87.77 5.51 0.00	84.16 5.28 0.00	70.96 4.14 0.00	59.31 2.93 0.00	53.66 2.41 0.00
W50THST__13_KV_LOAD 356117	54.51 3.42 0.00	52.75 3.13 0.00	50.61 2.77 0.00	51.00 2.80 0.00	52.47 2.88 0.00	61.63 3.60 0.00	88.20 5.77 0.00	98.39 7.12 0.00	72.18 4.97 0.00	58.17 4.11 0.00	53.39 3.73 0.00	48.11 3.44 0.00	46.11 3.26 0.00	43.89 3.10 0.00	42.64 3.01 0.00	43.18 3.12 0.00	47.71 3.74 0.00	55.68 4.08 0.00	70.64 5.11 0.00	88.35 6.09 0.00	84.71 5.84 0.00	71.42 4.61 0.00	59.64 3.27 0.00	53.91 2.66 0.00
WADING RIVER_IC_1 23522	55.24 4.14 -0.01	53.51 3.87 -0.01	51.43 3.59 -0.01	51.34 3.13 -0.01	53.27 3.67 -0.01	62.22 4.18 -0.01	90.82 6.35 -2.03	99.29 7.75 -0.26	76.39 5.78 -3.40	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.39 2.78 -0.01	71.37 5.83 -0.01	88.85 6.58 -0.01	85.04 6.16 -0.01	72.72 5.01 -0.90	64.90 3.72 -4.81	54.99 3.33 -0.41
WADING RIVER_IC_2 23547	55.24 4.14 -0.01	53.51 3.87 -0.01	51.43 3.59 -0.01	51.34 3.13 -0.01	53.27 3.67 -0.01	62.22 4.18 -0.01	90.82 6.35 -2.03	99.29 7.75 -0.26	76.39 5.78 -3.40	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.39 2.78 -0.01	71.37 5.83 -0.01	88.85 6.58 -0.01	85.04 6.16 -0.01	72.72 5.01 -0.90	64.90 3.72 -4.81	54.99 3.33 -0.41
WADING RIVER_IC_3 23601	55.24 4.14 -0.01	53.51 3.87 -0.01	51.43 3.59 -0.01	51.34 3.13 -0.01	53.27 3.67 -0.01	62.22 4.18 -0.01	90.82 6.35 -2.03	99.29 7.75 -0.26	76.39 5.78 -3.40	58.40 4.33 -0.01	52.70 3.03 0.00	46.41 1.74 0.00	44.35 1.50 0.00	42.42 1.63 0.00	41.25 1.63 0.00	42.10 2.04 0.00	47.22 3.25 0.00	54.39 2.78 -0.01	71.37 5.83 -0.01	88.85 6.58 -0.01	85.04 6.16 -0.01	72.72 5.01 -0.90	64.90 3.72 -4.81	54.99 3.33 -0.41
WALDENNY_12_KV_BK2 80841	48.18 -2.91 0.00	46.95 -2.68 0.00	45.54 -2.30 0.00	46.08 -2.12 0.00	47.21 -2.38 0.00	55.13 -2.90 0.00	78.40 -4.04 0.00	87.35 -3.92 0.00	63.65 -3.56 0.00	52.98 -1.08 0.00	49.22 -0.45 0.00	44.27 -0.40 0.00	42.46 -0.39 0.00	40.38 -0.41 0.00	39.03 -0.59 0.00	39.62 -0.44 0.00	43.27 -0.70 0.00	50.26 -1.34 0.00	63.10 -2.42 0.00	80.12 -2.14 0.00	77.14 -1.74 0.00	63.94 -2.87 0.00	55.58 -0.79 0.00	50.63 -0.61 0.00
WALDEN__HYDRO 24148	53.49 2.40 0.00	51.86 2.23 0.00	49.80 1.96 0.00	50.13 1.93 0.00	51.53 1.93 0.00	60.35 2.32 0.00	86.23 3.79 0.00	95.75 4.47 0.00	70.17 2.96 0.00	56.28 2.22 0.00	51.56 1.89 0.00	46.50 1.83 0.00	44.65 1.80 0.00	42.50 1.71 0.00	41.33 1.70 0.00	41.86 1.80 0.00	46.17 2.20 0.00	53.92 2.32 0.00	68.48 2.95 0.00	85.96 3.70 0.00	82.34 3.47 0.00	69.69 2.87 0.00	58.35 1.97 0.00	52.84 1.59 0.00
WARRENSBURG____ 23737	54.11 3.01 0.00	52.55 2.93 0.00	50.51 2.68 0.00	51.00 2.80 0.00	52.47 2.88 0.00	61.51 3.48 0.00	87.79 5.36 0.00	97.21 5.93 0.00	71.11 3.90 0.00	56.49 2.43 0.00	51.70 2.04 0.00	46.23 1.56 0.00	44.35 1.50 0.00	42.17 1.39 0.00	41.09 1.47 0.00	41.58 1.52 0.00	45.90 1.93 0.00	54.18 2.58 0.00	69.46 3.93 0.00	87.69 5.43 0.00	83.76 4.89 0.00	70.76 3.94 0.00	59.42 3.04 0.00	53.86 2.61 0.00
WATERSIDE____6 8 9 23538	53.89 3.42 0.63	52.05 3.18 0.75	49.61 2.82 1.05	49.98 2.80 1.02	51.67 2.88 0.80	61.40 3.37 0.00	87.38 4.95 0.00	97.48 6.21 0.00	71.58 4.37 0.00	60.25 3.73 -2.46	59.60 3.38 -6.55	58.20 3.13 -10.41	57.22 3.00 -11.37	56.63 2.90 -12.95	42.49 2.85 -0.01	43.03 2.96 -0.01	58.07 3.47 -10.63	61.37 3.77 -6.01	70.18 4.65 0.00	87.77 5.51 0.00	84.23 5.36 0.00	71.09 4.28 0.00	59.22 3.16 0.31	53.30 2.66 0.61
WATKINRD_115KV_LN8_ILLION 55919	48.79 -2.30 0.00	47.49 -2.13 0.00	45.87 -1.96 0.00	46.47 -1.74 0.00	48.06 -1.54 0.00	56.70 -1.33 0.00	81.53 -0.91 0.00	90.82 -0.46 0.00	66.60 -0.60 0.00	53.03 -1.03 0.00	48.68 -0.99 0.00	43.73 -0.94 0.00	41.91 -0.94 0.00	39.77 -1.02 0.00	38.56 -1.07 0.00	38.98 -1.08 0.00	42.65 -1.32 0.00	50.46 -1.14 0.00	64.81 -0.72 0.00	82.18 -0.08 0.00	79.03 0.16 0.00	66.95 0.13 0.00	56.26 -0.11 0.00	51.20 -0.05 0.00
WATSON__69_KV_BK 1 55734	55.75 4.65 -0.01	53.95 4.32 -0.01	51.86 4.02 -0.01	52.07 3.86 -0.01	53.72 4.12 -0.01	62.91 4.87 -0.01	91.96 7.42 -2.10	100.12 8.58 -0.27	77.04 6.32 -3.52	58.88 4.81 -0.01	53.64 3.97 0.00	47.26 2.59 0.00	45.08 2.23 0.00	42.95 2.16 0.00	41.89 2.26 0.00	42.90 2.84 0.00	47.79 3.83 0.00	55.84 4.23 -0.01	71.83 6.29 -0.01	89.67 7.40 -0.01	86.06 7.18 -0.01	73.62 5.88 -0.93	65.80 4.45 -4.97	55.62 3.95 -0.43
WDELAWARE__HYD 323627	54.10 3.01 0.00	52.55 2.93 0.00	50.56 2.73 0.00	50.85 2.65 0.00	52.27 2.68 0.00	61.22 3.19 0.00	87.46 5.03 0.00	97.20 5.93 0.00	71.24 4.03 0.00	56.87 2.81 0.00	51.91 2.24 0.00	46.77 2.10 0.00	44.95 2.10 0.00	42.70 1.92 0.00	41.53 1.90 0.00	42.10 2.04 0.00	46.47 2.50 0.00	54.59 2.99 0.00	69.33 3.80 0.00	87.36 5.10 0.00	83.60 4.73 0.00	70.82 4.01 0.00	59.30 2.93 0.00	53.71 2.46 0.00

WEST BABYLON___IC 23714	55.55 4.44 -0.01	53.75 4.12 -0.01	51.67 3.83 -0.01	51.92 3.71 -0.01	53.52 3.92 -0.01	62.62 4.58 -0.01	91.69 7.01 -2.25	99.69 8.12 -0.29	76.88 5.91 -3.76	58.61 4.54 -0.01	53.54 3.87 0.00	47.22 2.55 0.00	45.08 2.23 0.00	42.95 2.16 0.00	41.85 2.22 0.00	42.82 2.76 0.00	47.71 3.74 0.00	55.74 4.13 -0.01	71.37 5.83 -0.01	89.18 6.91 -0.01	85.51 6.63 -0.01	73.28 5.48 -0.99	65.86 4.17 -5.31	55.39 3.69 -0.46
WEST CANADA___HYD 24049	51.35 0.26 0.00	49.88 0.25 0.00	48.08 0.24 0.00	48.39 0.19 0.00	49.79 0.20 0.00	58.26 0.23 0.00	82.93 0.50 0.00	92.00 0.73 0.00	67.61 0.41 0.00	54.22 0.16 0.00	49.82 0.15 0.00	44.80 0.13 0.00	42.98 0.13 0.00	40.91 0.12 0.00	39.75 0.12 0.00	40.22 0.16 0.00	44.15 0.18 0.00	51.81 0.21 0.00	65.92 0.40 0.00	82.75 0.50 0.00	79.35 0.48 0.00	67.15 0.34 0.00	56.60 0.23 0.00	51.45 0.21 0.00
WESTERN_NY_WIND 24143	49.00 -2.09 0.00	47.69 -1.94 0.00	46.16 -1.67 0.00	46.75 -1.45 0.00	47.96 -1.64 0.00	56.00 -2.03 0.00	79.80 -2.64 0.00	88.99 -2.28 0.00	64.59 -2.62 0.00	53.25 -0.81 0.00	49.37 -0.30 0.00	44.31 -0.36 0.00	42.55 -0.30 0.00	40.42 -0.37 0.00	39.19 -0.44 0.00	39.70 -0.36 0.00	43.31 -0.66 0.00	50.88 -0.72 0.00	64.02 -1.51 0.00	81.35 -0.90 0.00	78.24 -0.63 0.00	65.01 -1.80 0.00	56.32 -0.06 0.00	51.20 -0.05 0.00
WESTOVER___LESR 323668	51.14 0.05 0.00	49.68 0.05 0.00	47.88 0.05 0.00	48.25 0.05 0.00	49.64 0.05 0.00	58.15 0.12 0.00	82.93 0.49 0.00	92.37 1.10 0.00	67.21 0.00 0.00	54.55 0.49 0.00	50.21 0.55 0.00	45.12 0.45 0.00	43.28 0.43 0.00	41.24 0.45 0.00	39.98 0.36 0.00	40.46 0.40 0.00	44.37 0.40 0.00	52.06 0.46 0.00	65.92 0.39 0.00	83.08 0.82 0.00	79.66 0.79 0.00	67.08 0.27 0.00	56.82 0.45 0.00	51.66 0.41 0.00
WETHRSFD_WT_PWR 323626	48.49 -2.60 0.00	47.29 -2.33 0.00	45.68 -2.15 0.00	46.42 -1.78 0.00	47.61 -1.99 0.00	56.12 -1.91 0.00	79.47 -2.96 0.00	87.90 -3.38 0.00	63.92 -3.29 0.00	52.12 -1.94 0.00	47.98 -1.69 0.00	43.28 -1.39 0.00	41.35 -1.50 0.00	39.32 -1.47 0.00	38.20 -1.42 0.00	38.66 -1.40 0.00	42.12 -1.85 0.00	49.74 -1.86 0.00	63.17 -2.36 0.00	79.55 -2.71 0.00	77.29 -1.58 0.00	64.47 -2.34 0.00	55.64 -0.73 0.00	50.69 -0.56 0.00
WHAVSTOR_138KV_BK127 55557	53.44 2.35 0.00	51.76 2.13 0.00	49.75 1.91 0.00	50.08 1.88 0.00	51.48 1.88 0.00	60.24 2.21 0.00	85.98 3.54 0.00	95.65 4.38 0.00	70.17 2.96 0.00	56.44 2.38 0.00	51.80 2.14 0.00	46.72 2.05 0.00	44.86 2.01 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.10 2.04 0.00	46.39 2.42 0.00	54.03 2.43 0.00	68.48 2.95 0.00	85.88 3.62 0.00	82.34 3.47 0.00	69.62 2.81 0.00	58.23 1.86 0.00	52.79 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.44 2.35 0.00	51.76 2.13 0.00	49.75 1.91 0.00	50.08 1.88 0.00	51.48 1.88 0.00	60.24 2.21 0.00	85.98 3.54 0.00	95.65 4.38 0.00	70.17 2.96 0.00	56.44 2.38 0.00	51.80 2.14 0.00	46.72 2.05 0.00	44.86 2.01 0.00	42.74 1.96 0.00	41.61 1.98 0.00	42.10 2.04 0.00	46.39 2.42 0.00	54.03 2.43 0.00	68.48 2.95 0.00	85.88 3.62 0.00	82.34 3.47 0.00	69.62 2.81 0.00	58.23 1.86 0.00	52.79 1.54 0.00
WHITEHAL_115KV_TB1 80871	55.03 3.93 0.00	53.45 3.82 0.00	51.38 3.54 0.00	51.91 3.71 0.00	53.41 3.82 0.00	62.79 4.76 0.00	89.69 7.25 0.00	99.21 7.94 0.00	72.38 5.18 0.00	57.25 3.19 0.00	52.35 2.68 0.00	46.72 2.05 0.00	44.78 1.93 0.00	42.54 1.75 0.00	41.49 1.86 0.00	41.98 1.92 0.00	46.43 2.46 0.00	55.01 3.41 0.00	70.71 5.18 0.00	89.58 7.32 0.00	85.50 6.63 0.00	72.16 5.35 0.00	60.49 4.12 0.00	54.84 3.59 0.00
WHITEPLN_13_KV_LOAD 356215	54.41 3.32 0.00	52.75 3.13 0.00	50.66 2.82 0.00	50.95 2.75 0.00	52.42 2.83 0.00	61.45 3.42 0.00	87.96 5.52 0.00	97.94 6.66 0.00	71.85 4.64 0.00	57.68 3.62 0.00	52.90 3.23 0.00	47.62 2.95 0.00	45.72 2.87 0.00	43.48 2.69 0.00	42.28 2.65 0.00	42.82 2.76 0.00	47.31 3.34 0.00	55.26 3.66 0.00	70.25 4.72 0.00	88.10 5.84 0.00	84.23 5.36 0.00	71.16 4.34 0.00	59.47 3.10 0.00	53.86 2.61 0.00
WM_FLOYD_69_KV_BK2 356380	55.34 4.24 -0.01	53.56 3.92 -0.01	51.43 3.59 -0.01	51.54 3.33 -0.01	53.32 3.72 -0.01	62.39 4.35 -0.01	91.23 6.76 -2.04	99.39 7.85 -0.26	76.47 5.85 -3.41	58.39 4.32 -0.01	53.15 3.48 0.00	46.55 1.88 0.00	44.48 1.63 0.00	42.50 1.71 0.00	41.45 1.82 0.00	42.50 2.44 0.00	47.27 3.30 0.00	54.91 3.30 -0.01	71.37 5.83 -0.01	88.93 6.66 -0.01	85.35 6.47 -0.01	72.92 5.21 -0.90	65.08 3.89 -4.82	55.20 3.54 -0.41
WOODARD__115KV_TB2 355635	50.73 -0.36 0.00	49.28 -0.35 0.00	47.45 -0.38 0.00	47.82 -0.39 0.00	49.20 -0.40 0.00	57.62 -0.41 0.00	82.27 -0.16 0.00	91.46 0.18 0.00	66.94 -0.27 0.00	53.95 -0.11 0.00	49.62 -0.05 0.00	44.62 -0.04 0.00	42.81 -0.04 0.00	40.71 -0.08 0.00	39.55 -0.08 0.00	39.98 -0.08 0.00	43.79 -0.18 0.00	51.50 -0.10 0.00	65.46 -0.07 0.00	82.26 0.00 0.00	78.79 -0.08 0.00	66.48 -0.33 0.00	56.15 -0.23 0.00	51.04 -0.20 0.00
YORK___WARBASSE 23770	59.38 3.83 -4.45	58.47 3.52 -5.32	58.46 3.20 -7.42	58.56 3.18 -7.18	58.52 3.27 -5.65	61.74 3.71 0.00	87.79 5.36 0.00	98.03 6.75 0.00	71.91 4.70 0.00	66.57 4.05 -8.45	71.17 3.63 -17.88	76.27 3.35 -28.25	75.90 3.17 -29.88	77.98 3.06 -34.13	63.06 3.01 -20.42	63.00 3.12 -19.82	76.54 3.69 -28.87	71.84 4.02 -16.21	70.51 4.98 0.00	88.26 6.00 0.00	84.71 5.84 0.00	71.56 4.74 0.00	62.89 3.55 -2.97	60.08 3.02 -5.81