

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/01/2024			
Generator Data																									
Name	PTID	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
59TH STREET_GT_1 24138	EST	53.26	52.13	43.63	44.00	40.14	40.59	38.29	37.55	36.82	33.66	67.44	62.41	57.63	62.02	69.76	69.41	81.56	74.92	76.82	76.94	71.40	69.62	79.97	71.54
		3.04	2.95	2.28	2.28	2.11	2.27	2.30	1.33	2.50	2.37	2.87	2.82	3.00	2.94	2.83	2.89	3.48	4.67	5.10	4.78	3.76	2.92	3.85	3.90
		0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.93	-22.99	-15.43	-19.35	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
74TH STREET_GT_1 24260	EST	53.40	52.28	43.73	44.10	40.23	40.67	38.36	37.59	36.88	33.70	67.48	62.51	57.72	62.11	69.91	69.55	81.72	75.13	77.05	77.16	71.57	69.74	80.13	71.74
		3.19	3.10	2.38	2.39	2.19	2.34	2.37	1.36	2.55	2.41	2.95	2.92	3.13	3.09	2.97	3.02	3.64	4.88	5.33	5.00	3.93	3.03	4.01	4.11
		0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
74TH STREET_GT_2 24261	EST	53.40	52.28	43.73	44.10	40.23	40.67	38.36	37.59	36.88	33.70	67.48	62.51	57.72	62.11	69.91	69.55	81.72	75.13	77.05	77.16	71.57	69.74	80.13	71.74
		3.19	3.10	2.38	2.39	2.19	2.34	2.37	1.36	2.55	2.41	2.95	2.92	3.13	3.09	2.97	3.02	3.64	4.88	5.33	5.00	3.93	3.03	4.01	4.11
		0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
ADK HUDSON___FALLS 24011	EST	53.71	52.57	44.27	44.60	40.77	41.39	38.73	41.56	36.83	33.06	60.36	65.07	52.07	53.31	75.20	74.27	87.65	74.96	76.49	76.88	73.56	74.46	82.74	71.59
		3.49	3.39	2.85	2.89	2.74	2.88	2.74	1.48	2.50	2.00	2.07	1.92	2.18	2.23	2.49	2.96	3.57	4.72	4.77	4.72	3.55	2.72	3.83	3.85
		0.00	0.00	-0.36	0.00	0.00	-0.99	0.00	-21.14	0.00	-0.10	-21.64	-26.55	-10.69	-11.34	-31.73	-26.29	-32.88	0.00	0.00	0.00	-13.03	-27.58	-15.30	-0.58
ADK RESOURCE___RCVRY 23798	EST	53.94	52.78	44.45	44.79	40.97	41.62	38.99	41.72	37.04	33.26	60.57	65.24	52.26	53.52	75.45	74.55	88.06	75.43	76.93	77.30	73.80	74.69	82.99	71.77
		3.72	3.59	3.03	3.07	2.93	3.12	3.00	1.63	2.71	2.21	2.27	2.07	2.37	2.44	2.72	3.21	3.96	5.18	5.20	5.14	3.78	2.93	4.07	4.03
		0.00	0.00	-0.36	0.00	0.00	-0.99	0.00	-21.15	0.00	-0.10	-21.65	-26.56	-10.70	-11.35	-31.75	-26.30	-32.90	0.00	0.00	0.00	-13.03	-27.60	-15.31	-0.58
ADK S GLENS___FALLS 24028	EST	53.71	52.57	44.27	44.60	40.77	41.39	38.73	41.56	36.83	33.06	60.36	65.07	52.07	53.31	75.20	74.27	87.65	74.96	76.49	76.88	73.56	74.46	82.74	71.59
		3.49	3.39	2.85	2.89	2.74	2.88	2.74	1.48	2.50	2.00	2.07	1.92	2.18	2.23	2.49	2.96	3.57	4.72	4.77	4.72	3.55	2.72	3.83	3.85
		0.00	0.00	-0.36	0.00	0.00	-0.99	0.00	-21.14	0.00	-0.10	-21.64	-26.55	-10.69	-11.34	-31.73	-26.29	-32.88	0.00	0.00	0.00	-13.03	-27.58	-15.30	-0.58
ADK_NYS___DAM 23527	EST	52.92	51.78	43.83	44.23	40.44	40.98	38.04	40.60	36.45	33.01	60.40	64.66	52.07	53.28	74.52	73.70	86.34	74.61	76.20	76.66	73.53	73.96	82.84	72.33
		2.70	2.60	2.42	2.51	2.39	2.51	2.05	1.20	2.12	1.93	2.28	2.36	2.50	2.57	2.82	3.23	3.31	4.37	4.48	4.50	3.94	3.11	4.42	4.61
		0.00	0.00	-0.35	0.00	0.00	-0.96	0.00	-20.46	0.00	-0.12	-21.47	-25.70	-10.37	-10.98	-30.72	-25.45	-31.83	0.00	0.00	0.00	-12.61	-26.70	-14.81	-0.56
AIR_PRODUCTS___DRP 24190	EST	50.77	49.81	41.92	42.23	38.54	38.99	36.46	39.74	34.88	31.61	58.80	63.28	50.59	51.80	72.87	71.73	84.25	72.00	73.41	73.87	71.15	72.11	80.26	69.80
		0.55	0.63	0.52	0.51	0.50	0.51	0.47	0.27	0.55	0.55	0.88	0.90	0.99	1.06	1.07	1.17	1.12	1.76	1.68	1.71	1.52	1.18	1.79	2.08
		0.00	0.00	-0.35	0.00	0.00	-0.96	0.00	-20.52	0.00	-0.11	-21.27	-25.78	-10.39	-11.02	-30.81	-25.52	-31.93	0.00	0.00	0.00	-12.65	-26.78	-14.86	-0.56
AKWESSNE_115KV_BK 355683	EST	47.55	26.99	25.29	19.70	27.80	24.31	20.45	2.98	17.35	25.86	34.76	35.65	38.56	39.43	40.99	44.45	50.73	70.47	70.81	71.70	56.36	43.55	64.12	68.43
		-2.67	-2.78	-2.37	-2.21	-2.27	-2.58	-2.13	-1.15	-2.10	-1.75	-1.89	-0.94	-0.64	-0.30	0.01	-0.58	-0.46	0.22	-0.92	-0.46	-0.63	-0.61	0.52	1.27
		0.00	19.41	13.39	19.80	7.97	10.62	13.41	14.81	14.87	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	EST	51.97	50.96	42.87	43.21	39.40	39.80	37.23	39.75	35.51	32.09	58.76	63.07	50.78	52.05	72.84	72.04	84.81	73.43	74.82	75.35	72.06	72.52	81.21	70.95
		1.75	1.77	1.47	1.49	1.36	1.34	1.24	0.65	1.18	1.01	1.02	1.14	1.36	1.50	1.57	1.93	2.23	3.18	3.10	3.19	2.65	2.05	3.00	3.23
		0.00	0.00	-0.35	0.00	0.00	-0.94	0.00	-20.17	0.00	-0.12	-21.09	-25.33	-10.22	-10.82	-30.28	-25.08	-31.37	0.00	0.00	0.00	-12.43	-26.31	-14.60	-0.55
ALBANY_2_SOLAR 323834	EST	51.96	50.94	42.85	43.19	39.40	39.78	37.21	39.75	35.50	32.09	58.76	63.07	50.77	52.05	72.83	72.02	84.79	73.41	74.80	75.33	72.04	72.51	81.16	70.93
		1.74	1.76	1.45	1.47	1.36	1.32	1.22	0.64	1.17	1.01	1.02	1.13	1.35	1.49	1.57	1.91	2.21	3.16	3.08	3.17	2.63	2.03	2.96	3.22
		0.00	0.00	-0.35	0.00	0.00	-0.94	0.00	-20.17	0.00	-0.12	-21.09	-25.33	-10.22	-10.83	-30.28	-25.08	-31.38	0.00	0.00	0.00	-12.43	-26.32	-14.60	-0.55
ALBANY___1 23571	EST	50.77	49.81	41.92	42.23	38.54	38.99	36.46	39.74	34.88	31.61	58.80	63.28	50.59	51.80	72.87	71.73	84.25	72.00	73.41	73.87	71.15	72.11	80.26	69.80
		0.55	0.63	0.52	0.51	0.50	0.51	0.47	0.27	0.55	0.55	0.88	0.90	0.99	1.06	1.07	1.17	1.12	1.76	1.68	1.71	1.52	1.18	1.79	2.08
		0.00	0.00	-0.35	0.00	0.00	-0.96	0.00	-20.52	0.00	-0.11	-21.27	-25.78	-10.39	-11.02	-30.81	-25.52	-31.93	0.00	0.00	0.00	-12.65	-26.78	-14.86	-0.56

ALBANY___2 23572	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.51 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.27 -20.52	34.88 0.55 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.41 1.68 0.00	73.87 1.71 0.00	71.15 1.52 -12.65	72.11 1.18 -26.78	80.26 1.79 -14.86	69.80 2.08 -0.56
ALBANY___3 23573	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.51 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.27 -20.52	34.88 0.55 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.41 1.68 0.00	73.87 1.71 0.00	71.15 1.52 -12.65	72.11 1.18 -26.78	80.26 1.79 -14.86	69.80 2.08 -0.56
ALBANY___4 23574	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.51 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.27 -20.52	34.88 0.55 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.41 1.68 0.00	73.87 1.71 0.00	71.15 1.52 -12.65	72.11 1.18 -26.78	80.26 1.79 -14.86	69.80 2.08 -0.56
ALBANY___LFGE 323615	51.32 1.10 0.00	50.32 1.14 0.00	42.36 0.95 -0.36	42.66 0.94 0.00	38.94 0.90 0.00	39.39 0.91 -0.97	36.84 0.85 0.00	40.11 0.48 -20.70	35.24 0.92 0.00	31.92 0.85 -0.11	59.25 1.22 -21.39	63.83 1.24 -26.00	51.03 1.35 -10.48	52.28 1.44 -11.11	73.54 1.49 -31.07	72.41 1.63 -25.74	85.08 1.69 -32.20	72.72 2.48 0.00	74.15 2.43 0.00	74.59 2.43 0.00	71.82 2.08 -12.76	72.78 1.61 -27.01	80.96 2.37 -14.98	70.36 2.63 -0.56
ALCOA_PA_115KV_PL-6C 55860	47.74 -2.48 0.00	25.17 -2.62 21.39	24.06 -2.23 14.76	17.82 -2.07 21.83	27.12 -2.14 8.79	23.36 -2.45 11.71	19.22 -2.00 14.78	1.54 -1.07 16.32	15.96 -1.97 16.40	25.63 -1.64 3.68	34.90 -1.75 0.00	35.79 -0.81 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.17 0.18 0.00	44.66 -0.37 0.00	50.97 -0.23 0.00	70.81 0.57 0.00	71.18 -0.54 0.00	72.10 -0.07 0.00	56.83 -0.32 -0.16	44.12 -0.39 -0.35	64.62 0.82 -0.19	68.76 1.59 -0.01
ALCOA_RYNLDS___DRP 24188	47.74 -2.48 0.00	25.17 -2.62 21.39	24.06 -2.23 14.76	17.82 -2.07 21.83	27.12 -2.14 8.79	23.36 -2.45 11.71	19.22 -2.00 14.78	1.54 -1.07 16.32	15.96 -1.97 16.40	25.63 -1.64 3.68	34.90 -1.75 0.00	35.79 -0.81 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.17 0.18 0.00	44.66 -0.37 0.00	50.97 -0.23 0.00	70.81 0.57 0.00	71.18 -0.54 0.00	72.10 -0.07 0.00	56.83 -0.32 -0.16	44.12 -0.39 -0.35	64.62 0.82 -0.19	68.76 1.59 -0.01
ALCOA___DSASP 323711	47.74 -2.48 0.00	25.17 -2.62 21.39	24.06 -2.24 14.76	17.80 -2.08 21.83	27.10 -2.15 8.79	23.34 -2.46 11.71	19.20 -2.01 14.78	1.54 -1.08 16.32	15.95 -1.99 16.40	25.63 -1.64 3.68	34.90 -1.75 0.00	35.78 -0.82 0.00	38.70 -0.50 0.00	39.55 -0.17 0.00	41.14 0.15 0.00	44.65 -0.38 0.00	50.96 -0.24 0.00	70.81 0.57 0.00	71.18 -0.54 0.00	72.10 -0.07 0.00	56.83 -0.32 -0.16	44.12 -0.39 -0.35	64.76 0.97 -0.19	68.76 1.59 -0.01
ALLEGHENY___COGEN 23514	50.28 0.06 0.00	48.78 -0.40 0.00	40.91 -0.09 0.05	41.77 0.05 0.00	38.13 0.12 0.02	37.81 0.16 -0.13	36.28 0.29 0.00	21.72 0.02 -2.76	34.45 0.12 0.00	30.89 -0.06 0.00	38.93 -0.27 -2.55	40.74 -0.59 -4.73	39.74 -0.84 -1.38	40.54 -0.67 -1.48	52.31 -0.65 -11.98	62.21 -0.19 -17.37	62.59 -0.16 -11.56	70.55 0.43 0.12	73.11 0.12 -1.27	71.54 0.13 0.76	65.93 -0.56 -9.51	46.52 -0.65 -3.01	64.17 -0.84 -1.40	65.72 -1.15 0.29
ALTAMONT_115KV_TB 2 55880	51.47 1.25 0.00	50.48 1.30 0.00	42.47 1.06 -0.35	42.78 1.06 0.00	39.01 0.97 0.00	39.44 0.97 -0.96	36.89 0.90 0.00	39.96 0.51 -20.51	35.27 0.95 0.00	31.93 0.87 -0.11	58.90 1.09 -21.17	63.46 1.10 -25.76	50.77 1.18 -10.38	51.96 1.22 -11.01	73.06 1.28 -30.79	71.95 1.41 -25.51	84.67 1.57 -31.91	72.40 2.16 0.00	73.93 2.21 0.00	74.39 2.22 0.00	71.44 1.81 -12.64	72.33 1.41 -26.76	80.48 2.02 -14.85	69.86 2.14 -0.56
ALTONA_WT_PWR 323606	47.31 -2.91 0.00	26.96 -3.12 19.11	25.31 -2.55 13.18	19.84 -2.37 19.50	27.73 -2.46 7.85	24.37 -2.69 10.46	20.51 -2.27 13.20	3.21 -1.15 14.58	17.51 -2.16 14.65	25.87 -1.79 3.29	34.84 -1.81 0.00	35.88 -0.72 0.00	38.91 -0.30 0.00	39.82 0.09 0.00	41.41 0.43 0.00	45.10 0.07 0.00	51.43 0.24 0.00	71.49 1.24 0.00	72.04 0.32 0.00	72.81 0.65 0.00	57.20 0.22 0.00	44.24 0.08 0.00	65.25 1.65 0.00	69.22 2.05 0.00
AMERICAN_REF_FUEL 24010	46.34 -3.87 0.00	44.94 -4.25 0.00	37.20 -3.30 0.56	38.56 -3.15 0.00	35.04 -2.86 0.14	34.70 -2.94 -0.11	33.13 -2.86 0.00	19.39 -1.96 -2.40	30.84 -3.49 0.00	27.88 -3.08 0.00	34.84 -4.04 -2.23	35.15 -4.14 -2.69	36.22 -4.18 -1.21	36.71 -4.31 -1.29	37.85 -4.70 -1.57	39.49 -4.91 0.64	47.13 -5.91 -1.85	61.80 -7.66 0.78	59.76 -8.22 3.75	59.43 -8.00 4.73	44.05 -6.91 6.03	38.39 -5.32 0.45	55.12 -6.59 1.90	59.15 -5.79 2.23
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.17 -3.05 0.00	45.46 -3.72 0.00	37.93 -2.45 0.67	39.39 -2.32 0.00	35.88 -2.00 0.17	35.76 -1.88 -0.12	34.43 -1.55 0.00	20.45 -1.16 -2.66	32.41 -1.92 0.00	29.42 -1.53 0.00	37.10 -2.01 -2.47	37.27 -2.33 -3.00	37.91 -2.63 -1.34	38.42 -2.73 -1.43	39.76 -3.08 -1.86	41.28 -3.26 0.49	49.63 -3.72 -2.16	65.22 -4.10 0.93	62.65 -4.66 4.42	61.68 -4.82 5.67	45.40 -4.57 7.01	39.86 -3.49 0.82	56.64 -4.54 2.43	60.99 -3.51 2.67
ARTHUR KILL_GT_1 23520	53.13 2.91 0.00	52.05 2.86 0.00	43.79 2.43 -0.30	44.18 2.46 0.00	40.42 2.38 0.00	40.84 2.52 -0.81	38.45 2.46 0.00	37.61 1.38 -17.28	36.88 2.55 0.00	33.69 2.40 -0.34	67.44 2.91 -27.88	62.47 2.89 -22.98	57.57 2.97 -15.39	61.98 2.96 -19.29	69.66 2.73 -25.95	69.16 2.64 -21.49	81.37 3.29 -26.89	74.71 4.46 0.00	76.62 4.90 0.00	76.66 4.50 0.00	71.20 3.57 -10.65	69.42 2.71 -22.55	79.56 3.44 -12.51	71.21 3.57 -0.47
ARTHUR_KILL_2 23512	52.95 2.74 0.00	51.88 2.70 0.00	43.64 2.29 -0.30	44.05 2.33 0.00	40.28 2.25 0.00	40.72 2.39 -0.81	38.34 2.35 0.00	37.54 1.32 -17.28	36.77 2.44 0.00	33.59 2.30 -0.34	67.33 2.80 -27.88	62.36 2.77 -22.98	57.44 2.85 -15.39	61.85 2.84 -19.29	69.54 2.61 -25.95	69.01 2.48 -21.49	81.18 3.09 -26.89	74.45 4.21 0.00	76.36 4.64 0.00	76.39 4.23 0.00	70.99 3.35 -10.65	69.27 2.56 -22.55	79.35 3.23 -12.51	71.02 3.38 -0.47
ARTHUR_KILL_3 23513	52.95 2.74 0.00	51.84 2.66 0.00	43.33 1.98 -0.30	43.68 1.96 0.00	39.83 1.79 0.00	40.28 1.95 -0.81	38.00 2.01 0.00	37.40 1.18 -17.28	36.52 2.19 0.00	33.36 2.07 -0.34	67.08 2.54 -27.90	62.10 2.51 -22.98	57.27 2.66 -15.41	61.63 2.60 -19.31	69.35 2.42 -25.95	68.94 2.42 -21.49	81.03 2.94 -26.89	74.20 3.95 0.00	76.10 4.37 0.00	76.18 4.02 0.00	70.84 3.20 -10.65	69.17 2.46 -22.55	79.31 3.19 -12.51	70.87 3.23 -0.47

ARTHUR_KILL_COGEN 323718	53.13 2.91 0.00	52.05 2.86 0.00	43.79 2.43 -0.30	44.18 2.46 0.00	40.42 2.38 0.00	40.84 2.52 -0.81	38.45 2.46 0.00	37.61 1.38 -17.28	36.88 2.55 0.00	33.69 2.40 -0.34	67.44 2.91 -27.88	62.47 2.89 -22.98	57.57 2.97 -15.39	61.98 2.96 -19.29	69.66 2.73 -25.95	69.16 2.64 -21.49	81.37 3.29 -26.89	74.71 4.46 0.00	76.62 4.90 0.00	76.66 4.50 0.00	71.20 3.57 -10.65	69.42 2.71 -22.55	79.56 3.44 -12.51	71.21 3.57 -0.47
ASHOKAN____ 23654	53.33 3.11 0.00	52.26 3.08 0.00	43.82 2.44 -0.32	44.23 2.52 0.00	40.36 2.32 0.00	40.70 2.30 -0.88	38.31 2.32 0.00	38.86 1.17 -18.75	36.73 2.41 0.00	33.31 2.18 -0.17	59.27 1.91 -20.71	61.97 1.82 -23.55	50.87 2.12 -9.55	51.85 2.06 -10.07	71.61 2.47 -28.15	71.21 2.86 -23.32	83.88 3.52 -29.17	75.70 5.46 0.00	77.25 5.52 0.00	77.60 5.44 0.00	72.58 4.04 -11.56	71.54 2.92 -24.47	81.45 4.27 -13.58	72.15 4.48 -0.51
ASTORIA_EAST_ENERGY_CC1 323581	52.93 2.72 0.00	51.94 2.76 0.00	43.53 2.18 -0.30	43.87 2.15 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.13 2.14 0.00	37.45 1.23 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.28 2.75 -27.88	62.37 2.79 -22.98	57.56 2.96 -15.39	61.99 2.98 -19.29	69.65 2.71 -25.95	69.36 2.84 -21.49	81.51 3.43 -26.89	74.78 4.54 0.00	76.64 4.91 0.00	76.60 4.44 0.00	71.23 3.59 -10.65	69.47 2.71 -22.60	79.65 3.48 -12.57	71.37 3.74 -0.47
ASTORIA_EAST_ENERGY_CC2 323582	52.95 2.73 0.00	51.96 2.78 0.00	43.52 2.16 -0.30	43.85 2.14 0.00	39.99 1.96 0.00	40.41 2.09 -0.81	38.10 2.11 0.00	37.44 1.21 -17.28	36.62 2.29 0.00	33.54 2.25 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.06 3.04 -19.29	69.77 2.83 -25.95	69.50 2.98 -21.49	81.55 3.47 -26.89	74.86 4.61 0.00	76.71 4.99 0.00	76.67 4.51 0.00	71.25 3.61 -10.65	69.47 2.71 -22.60	79.70 3.53 -12.57	71.47 3.84 -0.47
ASTORIA_GT2_1 24094	52.96 2.74 0.00	51.95 2.77 0.00	43.55 2.20 -0.30	43.89 2.18 0.00	40.03 2.00 0.00	40.45 2.13 -0.81	38.14 2.15 0.00	37.46 1.24 -17.28	36.66 2.32 0.00	33.57 2.27 -0.34	67.29 2.76 -27.88	62.38 2.80 -22.98	57.57 2.98 -15.39	62.00 2.98 -19.29	69.67 2.74 -25.95	69.38 2.85 -21.49	81.53 3.45 -26.89	74.84 4.59 0.00	76.68 4.96 0.00	76.65 4.49 0.00	71.26 3.63 -10.65	69.48 2.73 -22.60	79.71 3.54 -12.57	71.42 3.78 -0.47
ASTORIA_GT2_2 24095	52.96 2.74 0.00	51.95 2.77 0.00	43.55 2.20 -0.30	43.89 2.18 0.00	40.03 2.00 0.00	40.45 2.13 -0.81	38.14 2.15 0.00	37.46 1.24 -17.28	36.66 2.32 0.00	33.57 2.27 -0.34	67.29 2.76 -27.88	62.38 2.80 -22.98	57.57 2.98 -15.39	62.00 2.98 -19.29	69.67 2.74 -25.95	69.38 2.85 -21.49	81.53 3.45 -26.89	74.84 4.59 0.00	76.68 4.96 0.00	76.65 4.49 0.00	71.26 3.63 -10.65	69.48 2.73 -22.60	79.71 3.54 -12.57	71.42 3.78 -0.47
ASTORIA_GT2_3 24096	52.96 2.74 0.00	51.95 2.77 0.00	43.55 2.20 -0.30	43.89 2.18 0.00	40.03 2.00 0.00	40.45 2.13 -0.81	38.14 2.15 0.00	37.46 1.24 -17.28	36.66 2.32 0.00	33.57 2.27 -0.34	67.29 2.76 -27.88	62.38 2.80 -22.98	57.57 2.98 -15.39	62.00 2.98 -19.29	69.67 2.74 -25.95	69.38 2.85 -21.49	81.53 3.45 -26.89	74.84 4.59 0.00	76.68 4.96 0.00	76.65 4.49 0.00	71.26 3.63 -10.65	69.48 2.73 -22.60	79.71 3.54 -12.57	71.42 3.78 -0.47
ASTORIA_GT2_4 24097	52.96 2.74 0.00	51.95 2.77 0.00	43.55 2.20 -0.30	43.89 2.18 0.00	40.03 2.00 0.00	40.45 2.13 -0.81	38.14 2.15 0.00	37.46 1.24 -17.28	36.66 2.32 0.00	33.57 2.27 -0.34	67.29 2.76 -27.88	62.38 2.80 -22.98	57.57 2.98 -15.39	62.00 2.98 -19.29	69.67 2.74 -25.95	69.38 2.85 -21.49	81.53 3.45 -26.89	74.84 4.59 0.00	76.68 4.96 0.00	76.65 4.49 0.00	71.26 3.63 -10.65	69.48 2.73 -22.60	79.71 3.54 -12.57	71.42 3.78 -0.47
ASTORIA_GT3_1 24098	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT3_2 24099	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT3_3 24100	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT3_4 24101	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT4_1 24102	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT4_2 24103	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT4_3 24104	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47

ASTORIA_GT4_4 24105	52.98 2.76 0.00	51.98 2.80 0.00	43.54 2.19 -0.30	43.87 2.16 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.05 3.04 -19.29	69.77 2.83 -25.95	69.50 2.97 -21.49	81.56 3.47 -26.89	74.89 4.64 0.00	76.74 5.02 0.00	76.71 4.55 0.00	71.27 3.63 -10.65	69.48 2.72 -22.60	79.73 3.56 -12.57	71.52 3.88 -0.47
ASTORIA_GT_1 23523	53.05 2.83 0.00	52.05 2.87 0.00	43.61 2.25 -0.30	43.95 2.23 0.00	40.08 2.05 0.00	40.51 2.19 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.70 2.37 0.00	33.61 2.32 -0.34	67.40 2.87 -27.88	62.48 2.89 -22.98	57.67 3.07 -15.39	62.10 3.08 -19.29	69.79 2.86 -25.95	69.51 2.98 -21.49	81.65 3.57 -26.89	75.00 4.76 0.00	76.86 5.13 0.00	76.82 4.66 0.00	71.38 3.74 -10.65	69.58 2.82 -22.60	79.84 3.67 -12.57	71.58 3.94 -0.47
ASTORIA_GT_10 24110	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	40.01 1.97 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.37 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.28 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.48 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.37 3.73 -0.47
ASTORIA_GT_11 24225	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	40.01 1.97 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.37 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.28 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.48 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.37 3.73 -0.47
ASTORIA_GT_12 24226	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	40.01 1.97 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.37 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.28 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.48 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.37 3.73 -0.47
ASTORIA_GT_13 24227	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	40.01 1.97 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.37 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.28 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.48 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.37 3.73 -0.47
ASTORIA_GT_5 24106	53.05 2.83 0.00	52.05 2.86 0.00	43.60 2.25 -0.30	43.95 2.23 0.00	40.08 2.05 0.00	40.51 2.19 -0.81	38.19 2.20 0.00	37.49 1.26 -17.28	36.70 2.37 0.00	33.61 2.32 -0.34	67.40 2.87 -27.88	62.47 2.89 -22.98	57.67 3.07 -15.39	62.10 3.08 -19.29	69.79 2.86 -25.95	69.51 2.98 -21.49	81.65 3.57 -26.89	75.00 4.76 0.00	76.86 5.14 0.00	76.82 4.66 0.00	71.38 3.75 -10.65	69.57 2.82 -22.60	79.84 3.67 -12.57	71.59 3.95 -0.47
ASTORIA_GT_7 24107	53.05 2.83 0.00	52.05 2.86 0.00	43.60 2.25 -0.30	43.95 2.23 0.00	40.08 2.05 0.00	40.51 2.19 -0.81	38.19 2.20 0.00	37.49 1.26 -17.28	36.70 2.37 0.00	33.61 2.32 -0.34	67.40 2.87 -27.88	62.47 2.89 -22.98	57.67 3.07 -15.39	62.10 3.08 -19.29	69.79 2.86 -25.95	69.51 2.98 -21.49	81.65 3.57 -26.89	75.00 4.76 0.00	76.86 5.14 0.00	76.82 4.66 0.00	71.38 3.75 -10.65	69.57 2.82 -22.60	79.84 3.67 -12.57	71.59 3.95 -0.47
ASTORIA_GT_8 24108	53.05 2.83 0.00	52.05 2.86 0.00	43.60 2.25 -0.30	43.95 2.23 0.00	40.08 2.05 0.00	40.51 2.19 -0.81	38.19 2.20 0.00	37.49 1.26 -17.28	36.70 2.37 0.00	33.61 2.32 -0.34	67.40 2.87 -27.88	62.47 2.89 -22.98	57.67 3.07 -15.39	62.10 3.08 -19.29	69.79 2.86 -25.95	69.51 2.98 -21.49	81.65 3.57 -26.89	75.00 4.76 0.00	76.86 5.14 0.00	76.82 4.66 0.00	71.38 3.75 -10.65	69.57 2.82 -22.60	79.84 3.67 -12.57	71.59 3.95 -0.47
ASTORIA___2 24149	52.98 2.76 0.00	51.99 2.81 0.00	43.54 2.19 -0.30	43.87 2.15 0.00	40.01 1.97 0.00	40.44 2.11 -0.81	38.12 2.13 0.00	37.45 1.22 -17.28	36.63 2.30 0.00	33.55 2.26 -0.34	67.38 2.85 -27.88	62.44 2.86 -22.98	57.62 3.02 -15.39	62.06 3.04 -19.29	69.77 2.83 -25.95	69.50 2.98 -21.49	81.56 3.47 -26.89	74.88 4.63 0.00	76.74 5.01 0.00	76.70 4.54 0.00	71.28 3.64 -10.65	69.49 2.73 -22.60	79.72 3.55 -12.57	71.50 3.87 -0.47
ASTORIA___3 23516	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.13 -0.30	43.84 2.13 0.00	40.01 1.98 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.38 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.29 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.49 -10.65	69.45 2.74 -22.55	79.67 3.55 -12.51	71.36 3.73 -0.47
ASTORIA___4 23517	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	40.01 1.97 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.37 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.28 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.48 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.37 3.73 -0.47
ASTORIA___5 23518	53.01 2.79 0.00	51.93 2.75 0.00	43.49 2.13 -0.30	43.84 2.13 0.00	40.01 1.98 0.00	40.44 2.12 -0.81	38.17 2.18 0.00	37.48 1.26 -17.28	36.70 2.38 0.00	33.55 2.26 -0.34	67.23 2.70 -27.88	62.29 2.70 -22.98	57.51 2.92 -15.39	61.90 2.88 -19.29	69.59 2.65 -25.95	69.16 2.63 -21.49	81.24 3.15 -26.89	74.49 4.25 0.00	76.41 4.69 0.00	76.51 4.35 0.00	71.12 3.49 -10.65	69.45 2.74 -22.55	79.66 3.55 -12.51	71.36 3.72 -0.47
AST_ENERGY_2_CC3 323677	53.07 2.86 0.00	51.96 2.78 0.00	43.48 2.13 -0.30	43.85 2.14 0.00	39.99 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.27 2.72 -27.90	62.28 2.69 -22.98	57.48 2.87 -15.41	61.86 2.83 -19.31	69.60 2.67 -25.95	69.18 2.66 -21.49	81.29 3.21 -26.89	74.52 4.28 0.00	76.39 4.67 0.00	76.49 4.33 0.00	71.06 3.43 -10.65	69.36 2.65 -22.55	79.62 3.51 -12.51	71.23 3.59 -0.47
AST_ENERGY_2_CC4 323678	53.07 2.86 0.00	51.96 2.78 0.00	43.48 2.13 -0.30	43.85 2.14 0.00	39.99 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.27 2.72 -27.90	62.28 2.69 -22.98	57.48 2.87 -15.41	61.86 2.83 -19.31	69.60 2.67 -25.95	69.18 2.66 -21.49	81.29 3.21 -26.89	74.52 4.28 0.00	76.39 4.67 0.00	76.49 4.33 0.00	71.06 3.43 -10.65	69.36 2.65 -22.55	79.62 3.51 -12.51	71.23 3.59 -0.47

ATHENS_STG_1 23668	51.94 1.73 0.00	50.98 1.80 0.00	42.79 1.42 -0.32	43.12 1.41 0.00	39.30 1.26 0.00	39.64 1.25 -0.87	37.21 1.22 0.00	38.22 0.71 -18.58	35.65 1.32 0.00	32.33 1.22 -0.15	58.42 1.53 -20.24	61.45 1.52 -23.33	50.26 1.61 -9.44	51.31 1.62 -9.97	70.51 1.63 -27.89	69.85 1.71 -23.10	82.07 1.98 -28.90	72.86 2.62 0.00	74.53 2.81 0.00	74.92 2.76 0.00	70.63 2.20 -11.45	70.11 1.71 -24.24	79.39 2.34 -13.45	70.08 2.41 -0.51
ATHENS_STG_2 23670	51.94 1.73 0.00	50.98 1.80 0.00	42.79 1.42 -0.32	43.12 1.41 0.00	39.30 1.26 0.00	39.64 1.25 -0.87	37.21 1.22 0.00	38.22 0.71 -18.58	35.65 1.32 0.00	32.33 1.22 -0.15	58.42 1.53 -20.24	61.45 1.52 -23.33	50.26 1.61 -9.44	51.31 1.62 -9.97	70.51 1.63 -27.89	69.85 1.71 -23.10	82.07 1.98 -28.90	72.86 2.62 0.00	74.53 2.81 0.00	74.92 2.76 0.00	70.63 2.20 -11.45	70.11 1.71 -24.24	79.39 2.34 -13.45	70.08 2.41 -0.51
ATHENS_STG_3 23677	51.94 1.73 0.00	50.98 1.80 0.00	42.79 1.42 -0.32	43.12 1.41 0.00	39.30 1.26 0.00	39.64 1.25 -0.87	37.21 1.22 0.00	38.22 0.71 -18.58	35.65 1.32 0.00	32.33 1.22 -0.15	58.42 1.53 -20.24	61.45 1.52 -23.33	50.26 1.61 -9.44	51.31 1.62 -9.97	70.51 1.63 -27.89	69.85 1.71 -23.10	82.07 1.98 -28.90	72.86 2.62 0.00	74.53 2.81 0.00	74.92 2.76 0.00	70.63 2.20 -11.45	70.11 1.71 -24.24	79.39 2.34 -13.45	70.08 2.41 -0.51
AUBURN___LFGE 323710	50.42 0.21 0.00	49.26 0.08 0.00	41.20 0.11 -0.04	41.70 -0.02 0.00	38.17 0.13 0.00	37.79 0.17 -0.10	36.20 0.21 0.00	21.00 0.00 -2.07	34.41 0.08 0.00	30.98 0.02 0.00	38.48 -0.08 -1.91	39.04 -0.15 -2.59	39.87 -0.36 -1.04	40.51 -0.32 -1.11	43.74 -0.34 -3.10	47.29 -0.31 -2.57	54.35 -0.06 -3.21	70.17 -0.07 0.00	71.78 0.05 0.00	72.22 0.05 0.00	57.88 -0.37 -1.26	46.49 -0.33 -2.67	64.80 -0.29 -1.48	66.65 -0.57 -0.06
BABYLON_RES_REC 323704	53.59 3.37 0.00	52.59 3.41 0.00	43.73 2.38 -0.30	44.23 2.51 0.00	40.30 2.26 0.00	40.84 2.51 -0.81	38.56 2.57 0.00	37.67 1.45 -17.29	36.88 2.56 0.00	33.67 2.38 -0.34	67.39 2.89 -27.84	62.49 2.92 -22.98	57.54 2.98 -15.35	61.98 3.03 -19.23	70.17 3.24 -25.95	70.22 3.69 -21.50	82.54 4.45 -26.89	75.78 5.54 0.00	80.19 6.69 -1.77	82.81 6.11 -4.54	123.17 4.65 -61.54	79.42 3.46 -31.81	119.63 4.82 -51.20	72.31 4.67 -0.47
BABYLON__69_KV_BK2 356345	54.14 3.93 0.00	53.12 3.94 0.00	44.16 2.81 -0.30	44.69 2.98 0.00	40.72 2.68 0.00	41.26 2.93 -0.81	38.97 2.98 0.00	37.90 1.67 -17.29	37.27 2.94 0.00	34.02 2.72 -0.34	67.79 3.30 -27.84	62.90 3.33 -22.98	57.97 3.41 -15.35	62.41 3.46 -19.23	70.66 3.72 -25.95	70.82 4.29 -21.50	83.26 5.17 -26.89	76.71 6.46 0.00	81.21 7.76 -1.74	83.75 7.15 -4.44	122.90 5.44 -60.47	79.79 4.02 -31.61	119.64 5.66 -50.38	73.14 5.50 -0.47
BALL_HILL_WT_PWR 323825	47.75 -2.47 0.00	46.18 -3.01 0.00	38.37 -2.09 0.59	39.73 -1.98 0.00	36.14 -1.76 0.15	35.89 -1.75 -0.12	34.40 -1.59 0.00	20.34 -1.18 -2.58	32.30 -2.03 0.00	29.22 -1.74 0.00	36.67 -2.36 -2.39	36.87 -2.52 -2.79	37.89 -2.61 -1.29	38.40 -2.71 -1.38	38.96 -3.13 -1.11	40.06 -3.27 1.71	48.82 -3.82 -1.45	64.92 -4.50 0.82	62.71 -4.92 4.09	62.34 -4.84 4.99	45.47 -4.52 7.00	40.31 -3.43 0.42	57.42 -4.21 1.97	61.57 -3.24 2.35
BARON_WINDS___WT_PWR 323822	47.93 -2.28 0.00	46.65 -2.53 0.00	39.48 -1.88 -0.30	40.03 -1.68 0.00	36.58 -1.51 -0.06	36.24 -1.44 -0.17	34.76 -1.23 0.00	21.81 -0.69 -3.56	33.09 -1.24 0.00	29.67 -1.28 0.00	38.01 -1.94 -3.30	36.90 -2.01 -2.32	38.94 -2.05 -1.79	39.56 -2.08 -1.91	30.62 -2.33 8.03	23.38 -2.28 19.37	41.78 -2.55 6.87	67.23 -3.32 -0.31	66.36 -3.63 1.74	70.32 -3.75 -1.91	43.02 -3.49 10.48	47.58 -2.66 -6.08	64.28 -3.36 -4.04	65.01 -3.18 -1.02
BARRETT_IC_1 23704	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_10 23701	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	75.23 2.64 -28.43	112.27 3.57 -45.10	71.21 3.58 -0.47
BARRETT_IC_11 23702	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	75.23 2.64 -28.43	112.27 3.57 -45.10	71.21 3.58 -0.47
BARRETT_IC_12 23703	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	75.23 2.64 -28.43	112.27 3.57 -45.10	71.21 3.58 -0.47
BARRETT_IC_2 23705	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_3 23706	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_4 23707	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47

BARRETT_IC_5 23708	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_6 23709	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_7 23710	53.08 2.87 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.85 2.13 0.00	39.95 1.91 0.00	40.49 2.16 -0.81	38.15 2.16 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.02 2.52 -27.84	62.13 2.55 -22.98	57.26 2.71 -15.35	61.75 2.79 -19.23	69.86 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.61 4.37 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.42 -57.76	78.25 2.65 -31.45	115.90 3.59 -48.71	71.21 3.58 -0.47
BARRETT_IC_8 23711	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT_IC_9 23700	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	75.23 2.64 -28.43	112.27 3.57 -45.10	71.21 3.58 -0.47
BARRETT___1 23545	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	78.24 2.64 -31.45	115.88 3.57 -48.71	71.21 3.58 -0.47
BARRETT___2 23546	53.08 2.86 0.00	52.08 2.90 0.00	43.40 2.05 -0.30	43.84 2.13 0.00	39.96 1.91 0.00	40.49 2.16 -0.81	38.15 2.17 0.00	37.44 1.21 -17.29	36.50 2.17 0.00	33.33 2.04 -0.34	67.01 2.52 -27.84	62.13 2.55 -22.98	57.26 2.70 -15.35	61.75 2.79 -19.23	69.85 2.92 -25.95	69.68 3.15 -21.50	81.71 3.62 -26.89	74.62 4.38 0.00	78.58 5.22 -1.64	81.04 4.68 -4.20	118.15 3.41 -57.76	75.23 2.64 -28.43	112.27 3.57 -45.10	71.21 3.58 -0.47
BATAVIA__115KV_TB1 55881	48.71 -1.51 0.00	47.21 -1.97 0.00	39.66 -1.43 -0.04	40.38 -1.34 0.00	36.86 -1.18 0.00	36.39 -1.23 -0.10	34.86 -1.13 0.00	20.23 -0.93 -2.22	32.71 -1.62 0.00	29.51 -1.44 0.00	36.57 -2.14 -2.06	36.72 -2.45 -2.56	38.22 -2.10 -1.11	38.53 -2.38 -1.19	40.33 -2.56 -1.91	42.83 -2.44 -0.23	50.59 -2.74 -2.13	67.08 -3.17 0.00	67.75 -3.65 0.33	68.65 -3.51 0.00	53.33 -3.44 0.21	44.29 -2.75 -2.88	62.02 -3.18 -1.60	64.58 -2.64 -0.06
BAYONEEC___CTG1 323682	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG10 323750	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG2 323683	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG3 323684	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG4 323685	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG5 323686	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG6 323687	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47

BAYONEEC___CTG7 323688	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG8 323689	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BAYONEEC___CTG9 323749	53.09 2.87 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.33 0.00	33.49 2.20 -0.34	67.24 2.70 -27.90	62.25 2.67 -22.98	57.45 2.84 -15.41	61.83 2.80 -19.31	69.58 2.65 -25.95	69.15 2.63 -21.49	81.29 3.20 -26.89	74.53 4.29 0.00	76.45 4.73 0.00	76.56 4.40 0.00	71.12 3.48 -10.65	69.39 2.68 -22.55	79.63 3.52 -12.51	71.23 3.59 -0.47
BEACON___LESR 323632	51.61 1.40 0.00	50.65 1.47 0.00	42.64 1.23 -0.35	42.91 1.20 0.00	39.19 1.16 0.00	39.69 1.21 -0.96	37.12 1.13 0.00	40.11 0.66 -20.51	35.59 1.26 0.00	32.20 1.13 -0.11	59.43 1.51 -21.28	63.92 1.56 -25.76	51.29 1.70 -10.38	52.51 1.77 -11.01	73.65 1.88 -30.79	72.63 2.10 -25.50	85.33 2.22 -31.90	73.57 3.32 0.00	74.92 3.20 0.00	75.42 3.26 0.00	72.28 2.66 -12.64	72.94 2.03 -26.76	81.46 3.01 -14.85	70.85 3.13 -0.56
BEAVER RIVER___HYD 24048	47.34 -2.88 0.00	-17.48 -2.72 63.94	-5.60 -2.55 44.11	-26.04 -2.50 65.26	9.54 -2.23 26.26	0.15 -2.39 34.98	-10.31 -2.12 44.18	-30.55 -1.03 48.45	-16.52 -1.84 49.02	18.41 -1.53 11.01	35.55 -1.41 -0.31	36.21 -0.81 -0.42	38.11 -1.26 -0.17	38.79 -1.12 -0.18	41.27 -0.22 -0.50	45.34 -0.11 -0.41	50.65 -1.06 -0.52	69.53 -0.72 0.00	71.78 0.06 0.00	72.78 0.62 0.00	58.29 0.90 -0.40	45.45 0.45 -0.84	64.95 0.88 -0.47	68.28 1.09 -0.02
BEEBEE_GT_13 23619	48.52 -1.70 0.00	47.14 -2.05 0.00	39.54 -1.55 -0.03	40.19 -1.52 0.00	36.70 -1.34 0.00	36.24 -1.37 -0.09	34.72 -1.27 0.00	20.00 -0.88 -1.93	32.76 -1.57 0.00	29.55 -1.40 0.00	36.56 -1.88 -1.79	36.96 -2.01 -2.37	38.04 -2.13 -0.97	38.69 -2.08 -1.04	41.24 -2.31 -2.57	44.49 -2.35 -1.82	51.28 -2.62 -2.70	67.08 -3.17 0.00	68.15 -3.50 0.07	68.76 -3.40 0.00	54.64 -3.16 -0.82	44.16 -2.50 -2.50	61.96 -3.04 -1.39	64.45 -2.77 -0.05
BENSHRST_27_KV_BENSHRST_1 355998	53.48 3.27 0.00	52.36 3.17 0.00	43.87 2.52 -0.30	44.22 2.51 0.00	40.38 2.34 0.00	40.81 2.49 -0.81	38.49 2.50 0.00	37.66 1.43 -17.28	37.00 2.68 0.00	33.83 2.54 -0.34	67.61 3.08 -27.88	62.65 3.07 -22.98	57.84 3.25 -15.39	62.25 3.23 -19.29	69.96 3.03 -25.95	69.53 3.00 -21.49	81.75 3.67 -26.89	75.24 5.00 0.00	77.21 5.49 0.00	77.29 5.14 0.00	71.69 4.05 -10.65	69.83 3.12 -22.55	80.19 4.08 -12.51	71.88 4.24 -0.47
BETHLEHEM___GRP 23843	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.51 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.27 -20.52	34.88 0.55 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.41 1.68 0.00	73.87 1.71 0.00	71.15 1.52 -12.65	72.11 1.18 -26.78	80.26 1.79 -14.86	69.80 2.08 -0.56
BETHLEHEM___GS1 323560	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.52 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.28 -20.52	34.89 0.56 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.39 1.67 0.00	73.84 1.68 0.00	71.15 1.51 -12.65	72.12 1.18 -26.78	80.26 1.80 -14.86	69.79 2.07 -0.56
BETHLEHEM___GS2 323561	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.52 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.28 -20.52	34.89 0.56 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.39 1.67 0.00	73.84 1.68 0.00	71.15 1.51 -12.65	72.12 1.18 -26.78	80.26 1.80 -14.86	69.79 2.07 -0.56
BETHLEHEM___GS3 323562	50.77 0.55 0.00	49.81 0.63 0.00	41.92 0.52 -0.35	42.23 0.52 0.00	38.54 0.50 0.00	38.99 0.51 -0.96	36.46 0.47 0.00	39.74 0.28 -20.52	34.89 0.56 0.00	31.61 0.55 -0.11	58.80 0.88 -21.27	63.28 0.90 -25.78	50.59 0.99 -10.39	51.80 1.06 -11.02	72.87 1.07 -30.81	71.73 1.17 -25.52	84.25 1.12 -31.93	72.00 1.76 0.00	73.39 1.67 0.00	73.84 1.68 0.00	71.15 1.51 -12.65	72.12 1.18 -26.78	80.26 1.80 -14.86	69.79 2.07 -0.56
BETHLEHEM___STEEL 23779	48.06 -2.16 0.00	46.51 -2.67 0.00	39.21 -1.89 -0.04	39.95 -1.76 0.00	36.45 -1.59 0.00	36.00 -1.63 -0.12	34.46 -1.53 0.00	20.34 -1.17 -2.57	32.30 -2.03 0.00	29.19 -1.77 0.00	36.59 -2.44 -2.38	36.85 -2.56 -2.81	37.94 -2.55 -1.29	38.44 -2.67 -1.38	39.09 -3.17 -1.27	40.39 -3.24 1.40	49.00 -3.79 -1.60	65.70 -4.54 0.00	66.19 -4.93 0.59	67.45 -4.71 0.00	51.28 -4.42 1.28	44.17 -3.33 -3.33	61.60 -3.86 -1.85	64.22 -3.02 -0.07
BETHLHEM_115KV_TB1 79974	50.92 0.70 0.00	49.95 0.76 0.00	42.03 0.62 -0.35	42.34 0.63 0.00	38.63 0.59 0.00	39.08 0.60 -0.96	36.55 0.56 0.00	39.77 0.32 -20.51	34.97 0.64 0.00	31.68 0.61 -0.11	58.83 0.93 -21.24	63.31 0.95 -25.76	50.62 1.04 -10.38	51.84 1.10 -11.01	72.90 1.12 -30.79	71.77 1.23 -25.51	84.32 1.21 -31.91	72.08 1.83 0.00	73.51 1.79 0.00	73.97 1.81 0.00	71.20 1.57 -12.64	72.15 1.23 -26.76	80.30 1.84 -14.85	69.82 2.09 -0.56
BETHPAGE_CC_5 323564	53.33 3.11 0.00	52.34 3.16 0.00	43.56 2.21 -0.30	44.04 2.33 0.00	40.14 2.10 0.00	40.66 2.34 -0.81	38.35 2.36 0.00	37.56 1.33 -17.29	36.72 2.40 0.00	33.53 2.24 -0.34	67.19 2.70 -27.84	62.32 2.75 -22.98	57.36 2.80 -15.35	61.75 2.79 -19.23	69.88 2.94 -25.95	69.83 3.30 -21.50	82.02 3.93 -26.89	75.11 4.86 0.00	79.51 5.91 -1.88	82.35 5.37 -4.81	125.63 4.05 -64.59	79.56 3.02 -32.38	121.57 4.42 -53.54	72.02 4.38 -0.47
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.41 -1.81 0.00	46.86 -2.33 0.00	39.49 -1.61 -0.05	40.23 -1.49 0.00	36.70 -1.34 0.00	36.26 -1.38 -0.12	34.71 -1.28 0.00	20.51 -1.03 -2.60	32.57 -1.76 0.00	29.43 -1.53 0.00	36.90 -2.16 -2.41	37.19 -2.28 -2.87	38.25 -2.25 -1.30	38.75 -2.37 -1.40	39.55 -2.88 -1.45	40.99 -2.92 1.12	49.56 -3.41 -1.77	66.26 -3.98 0.00	66.82 -4.34 0.56	68.04 -4.12 0.00	51.92 -3.96 1.11	44.57 -2.96 -3.37	62.12 -3.36 -1.87	64.75 -2.49 -0.07

BINGHAMTON___COGEN 23790	50.50 0.28 0.00	49.27 0.09 0.00	41.23 0.09 -0.09	41.88 0.16 0.00	38.16 0.12 0.00	37.89 0.12 -0.25	36.12 0.14 0.00	24.35 0.09 -5.32	34.55 0.22 0.00	31.05 0.14 0.05	40.71 0.08 -3.97	43.36 0.07 -6.68	41.92 0.09 -2.63	42.61 0.03 -2.86	48.97 0.00 -7.99	51.75 0.10 -6.62	59.64 0.17 -8.28	70.49 0.25 0.00	71.93 0.21 0.00	72.36 0.20 0.00	60.23 -0.03 -3.28	51.02 -0.07 -6.93	67.46 0.01 -3.85	67.25 -0.06 -0.14
BIXINCNT_115KV_LOAD 355685	48.86 -1.36 0.00	47.41 -1.77 0.00	39.79 -1.31 -0.05	40.61 -1.10 0.00	37.15 -0.89 0.00	36.81 -0.84 -0.13	35.28 -0.71 0.00	21.08 -0.61 -2.74	33.42 -0.90 0.00	30.20 -0.75 0.00	37.85 -1.34 -2.54	38.23 -1.54 -3.17	38.87 -1.71 -1.38	39.32 -1.88 -1.47	40.83 -2.56 -2.41	42.78 -2.62 -0.37	51.24 -2.64 -2.68	67.41 -2.83 0.00	68.24 -3.09 0.39	69.40 -2.75 0.00	53.82 -2.96 0.21	45.50 -2.22 -3.56	63.25 -2.33 -1.98	65.86 -1.39 -0.07
BLACK RIVER___HYD 24047	48.41 -1.81 0.00	47.32 -1.86 0.00	39.32 -1.75 -0.02	39.99 -1.73 0.00	36.74 -1.30 0.00	36.18 -1.39 -0.05	34.43 -1.56 0.00	19.47 -0.81 -1.34	32.91 -1.41 0.00	29.86 -1.09 0.00	37.15 -0.73 -1.24	38.22 -0.06 -1.68	39.17 -0.70 -0.67	39.35 -1.09 -0.72	42.24 -0.75 -2.01	46.11 -0.59 -1.66	52.82 -0.46 -2.08	69.16 -1.09 0.00	71.73 0.01 0.00	72.57 0.41 0.00	58.48 0.96 -0.53	45.63 0.34 -1.12	64.70 0.47 -0.62	67.71 0.52 -0.02
BLACKRVR_115KV_TB2 79977	48.41 -1.81 0.00	47.32 -1.86 0.00	39.32 -1.75 -0.02	39.99 -1.73 0.00	36.74 -1.30 0.00	36.17 -1.39 -0.05	34.43 -1.56 0.00	19.47 -0.81 -1.34	32.92 -1.41 0.00	29.86 -1.09 0.00	37.15 -0.74 -1.24	38.22 -0.06 -1.68	39.17 -0.70 -0.67	39.35 -1.09 -0.72	42.24 -0.76 -2.01	46.11 -0.59 -1.66	52.82 -0.46 -2.08	69.15 -1.09 0.00	71.73 0.01 0.00	72.57 0.41 0.00	58.48 0.96 -0.53	45.62 0.35 -1.12	64.67 0.44 -0.62	67.70 0.51 -0.02
BLISS_WT_PWR 323608	48.64 -1.57 0.00	47.24 -1.94 0.00	38.78 -1.48 0.80	40.49 -1.23 0.00	36.85 -0.99 0.19	36.73 -0.91 -0.13	35.24 -0.75 0.00	21.08 -0.61 -2.74	33.42 -0.91 0.00	30.20 -0.76 0.00	37.82 -1.37 -2.54	38.18 -1.58 -3.17	38.74 -1.84 -1.38	39.22 -1.98 -1.47	40.72 -2.67 -2.41	42.63 -2.77 -0.37	51.17 -2.70 -2.68	66.19 -2.96 1.09	63.52 -3.21 4.99	62.71 -2.82 6.63	46.39 -3.04 7.56	40.43 -2.29 1.44	57.91 -2.58 3.11	62.57 -1.46 3.14
BLUESTONE___WT_PWR 323821	51.99 1.77 0.00	51.10 1.91 0.00	43.18 1.85 -0.27	43.47 1.75 0.00	39.63 1.55 -0.04	39.33 1.55 -0.27	37.63 1.64 0.00	25.47 0.81 -5.72	36.01 1.68 0.00	32.52 1.61 0.05	42.97 2.03 -4.29	45.69 1.86 -7.23	44.01 1.98 -2.83	44.58 1.79 -3.07	51.64 1.76 -8.89	55.02 2.33 -7.66	63.14 2.76 -9.18	74.39 3.93 -0.22	76.28 3.55 -1.01	76.98 3.46 -1.36	64.59 2.24 -5.37	54.30 1.67 -8.47	71.00 2.22 -5.17	70.60 2.62 -0.81
BLUE_CIRC_CHEM_DRP 24182	51.57 1.35 0.00	50.57 1.39 0.00	42.55 1.15 -0.35	42.89 1.17 0.00	39.12 1.08 0.00	39.51 1.05 -0.94	36.94 0.95 0.00	39.67 0.51 -20.22	35.27 0.94 0.00	31.91 0.84 -0.12	58.72 0.97 -21.10	63.05 1.05 -25.39	50.65 1.20 -10.24	51.89 1.31 -10.85	72.69 1.35 -30.36	71.76 1.58 -25.15	84.41 1.75 -31.45	72.71 2.46 0.00	74.14 2.42 0.00	74.65 2.49 0.00	71.53 2.09 -12.46	72.17 1.63 -26.38	80.65 2.40 -14.64	70.34 2.62 -0.55
BOC_GAS_DRP 24189	51.28 1.07 0.00	50.31 1.13 0.00	42.31 0.91 -0.35	42.63 0.91 0.00	38.87 0.83 0.00	39.29 0.81 -0.96	36.74 0.75 0.00	39.81 0.43 -20.44	35.14 0.81 0.00	31.83 0.77 -0.11	58.78 1.01 -21.12	63.29 1.03 -25.67	50.66 1.11 -10.34	51.84 1.14 -10.97	72.84 1.17 -30.68	71.69 1.25 -25.41	84.34 1.35 -31.79	72.09 1.84 0.00	73.63 1.90 0.00	74.07 1.91 0.00	71.17 1.59 -12.59	72.08 1.26 -26.66	80.20 1.80 -14.80	69.65 1.93 -0.56
BOONVILLE_115KV_TB1 79983	49.67 -0.55 0.00	59.73 -0.42 -10.97	48.17 -0.46 -7.57	52.49 -0.42 -11.20	42.22 -0.32 -4.51	43.17 -0.38 -6.03	43.30 -0.27 -7.58	27.64 -0.08 -8.79	42.61 -0.13 -8.41	32.71 -0.14 -1.89	37.03 0.00 -0.39	37.37 0.25 -0.53	39.53 0.12 -0.21	40.11 0.16 -0.22	42.23 0.62 -0.63	46.34 0.79 -0.52	52.34 0.49 -0.65	71.18 0.94 0.00	73.15 1.43 0.00	73.75 1.58 0.00	58.76 1.45 -0.33	45.85 0.99 -0.70	65.42 1.43 -0.39	68.76 1.58 -0.02
BORALEX_4TH_BRANCH 23824	52.92 2.70 0.00	51.78 2.60 0.00	43.83 2.42 -0.35	44.23 2.51 0.00	40.43 2.39 0.00	40.98 2.51 -0.96	38.04 2.05 0.00	40.60 1.20 -20.46	36.45 2.12 0.00	33.01 1.93 -0.12	60.40 2.28 -21.47	64.66 2.36 -25.70	52.06 2.49 -10.37	53.28 2.57 -10.98	74.52 2.82 -30.72	73.70 3.22 -25.45	86.34 3.31 -31.83	74.61 4.37 0.00	76.20 4.47 0.00	76.66 4.50 0.00	73.54 3.94 -12.61	73.96 3.11 -26.70	82.85 4.43 -14.81	72.33 4.60 -0.56
BOWLINE___1 23526	52.62 2.40 0.00	51.55 2.37 0.00	43.09 1.74 -0.29	43.43 1.72 0.00	39.62 1.59 0.00	40.05 1.74 -0.79	37.75 1.76 0.00	36.85 1.04 -16.87	36.24 1.91 0.00	33.12 1.75 -0.41	52.78 2.09 -14.05	57.25 1.93 -18.72	37.54 2.03 3.69	31.38 1.99 10.34	68.25 1.94 -25.32	67.91 1.90 -20.98	79.77 2.33 -26.24	73.37 3.13 0.00	75.21 3.49 0.00	75.39 3.23 0.00	69.93 2.55 -10.39	68.10 1.94 -22.01	78.32 2.50 -12.21	70.17 2.55 -0.46
BOWLINE___2 23595	52.62 2.40 0.00	51.55 2.37 0.00	43.09 1.75 -0.29	43.43 1.72 0.00	39.63 1.59 0.00	40.05 1.74 -0.79	37.75 1.77 0.00	36.85 1.04 -16.87	36.24 1.91 0.00	33.12 1.76 -0.41	52.80 2.12 -14.03	57.31 1.99 -18.72	37.60 2.09 3.69	31.42 2.06 10.36	68.31 2.00 -25.33	67.95 1.94 -20.98	79.79 2.34 -26.24	73.39 3.15 0.00	75.22 3.50 0.00	75.42 3.26 0.00	69.94 2.56 -10.40	68.13 1.96 -22.01	78.35 2.53 -12.21	70.19 2.57 -0.46
BRADY___115KV_TB2 356060	48.20 -2.02 0.00	22.08 -2.18 24.93	21.98 -1.88 17.19	14.57 -1.71 25.44	26.00 -1.80 10.24	21.78 -2.11 13.63	17.13 -1.64 17.22	-0.95 -0.87 19.02	13.61 -1.61 19.11	25.30 -1.36 4.29	35.26 -1.39 0.00	36.10 -0.50 0.00	38.99 -0.21 0.00	39.85 0.12 0.00	41.58 0.60 0.00	45.14 0.11 0.00	51.63 0.43 0.00	71.81 1.56 0.00	72.24 0.51 0.00	73.14 0.98 0.00	57.65 0.48 -0.18	44.71 0.16 -0.39	65.39 1.57 -0.21	69.52 2.35 -0.01
BRANSCOMB___SOLAR 323811	52.96 2.75 0.00	51.86 2.68 0.00	43.68 2.27 -0.36	44.01 2.29 0.00	40.21 2.17 0.00	40.75 2.25 -0.98	38.07 2.08 0.00	41.11 1.15 -21.03	36.31 1.98 0.00	32.70 1.64 -0.11	59.99 1.75 -21.60	64.70 1.69 -26.41	51.72 1.88 -10.64	52.94 1.93 -11.29	74.75 2.20 -31.56	73.84 2.66 -26.15	86.99 3.08 -32.71	74.36 4.11 0.00	75.87 4.15 0.00	76.32 4.15 0.00	73.20 3.26 -12.96	74.10 2.51 -27.43	82.36 3.54 -15.22	71.37 3.63 -0.57
BRENTWOD_69_KV_W. BRTWOOD 56703	53.95 3.73 0.00	52.93 3.75 0.00	44.01 2.65 -0.30	44.54 2.82 0.00	40.59 2.55 0.00	41.14 2.82 -0.81	38.85 2.86 0.00	37.84 1.61 -17.29	37.14 2.82 0.00	33.92 2.63 -0.34	67.68 3.19 -27.84	62.80 3.22 -22.98	57.84 3.29 -15.35	62.30 3.34 -19.23	70.55 3.61 -25.95	70.70 4.17 -21.50	83.04 4.94 -26.89	76.31 6.06 0.00	80.80 7.44 -1.63	83.15 6.81 -4.19	119.79 5.23 -57.57	79.06 3.84 -31.07	117.18 5.42 -48.15	72.88 5.24 -0.47

BRISTLHL_115KV_TB1 79998	49.10 -1.12 0.00	48.00 -1.18 0.00	40.10 -0.98 -0.02	40.76 -0.96 0.00	37.19 -0.85 0.00	36.75 -0.83 -0.06	35.18 -0.81 0.00	19.79 -0.48 -1.33	33.43 -0.90 0.00	30.14 -0.82 0.00	36.88 -1.01 -1.23	37.23 -1.04 -1.67	38.66 -1.21 -0.67	39.15 -1.29 -0.71	41.62 -1.36 -2.00	45.31 -1.38 -1.65	51.78 -1.49 -2.07	68.30 -1.95 0.00	69.68 -2.04 0.00	70.08 -2.08 0.00	56.07 -1.70 -0.79	44.47 -1.37 -1.68	62.50 -2.04 -0.93	64.96 -2.24 -0.03
BROOKHAVEN___DRP 24191	53.52 3.30 0.00	52.52 3.34 0.00	43.67 2.31 -0.30	44.40 2.68 0.00	40.50 2.47 0.00	41.09 2.77 -0.81	38.83 2.84 0.00	37.84 1.61 -17.29	36.98 2.65 0.00	33.71 2.42 -0.34	67.24 2.75 -27.84	62.36 2.79 -22.98	57.35 2.80 -15.35	61.81 2.85 -19.23	70.12 3.18 -25.95	70.35 3.82 -21.50	82.81 4.71 -26.89	75.61 5.36 0.00	80.09 6.76 -1.61	82.59 6.32 -4.12	118.59 4.81 -56.79	78.52 3.44 -30.92	116.07 4.90 -47.56	72.31 4.68 -0.47
BROOKLYN_NAVY_YARD 23515	53.09 2.87 0.00	51.95 2.77 0.00	43.50 2.15 -0.30	43.86 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.19 -0.34	67.24 2.70 -27.90	62.27 2.69 -22.98	57.48 2.88 -15.41	61.85 2.82 -19.31	69.59 2.66 -25.95	69.19 2.66 -21.49	81.33 3.25 -26.89	74.55 4.31 0.00	76.45 4.73 0.00	76.58 4.42 0.00	71.12 3.48 -10.65	69.45 2.67 -22.62	79.68 3.48 -12.59	71.25 3.61 -0.47
BROOKLYN___ARMY_DRP 323595	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
BROOKVLE_69_KV_TB1 55790	53.50 3.28 0.00	52.46 3.28 0.00	43.74 2.39 -0.30	44.14 2.43 0.00	40.26 2.22 0.00	40.74 2.41 -0.81	38.44 2.45 0.00	37.62 1.39 -17.29	36.87 2.54 0.00	33.67 2.38 -0.34	67.39 2.90 -27.84	62.49 2.91 -22.98	57.59 3.03 -15.35	62.02 3.07 -19.23	70.08 3.14 -25.95	69.90 3.37 -21.50	82.11 4.02 -26.89	75.41 5.17 0.00	80.31 5.95 -2.64	84.42 5.51 -6.75	147.52 4.20 -86.34	83.79 3.17 -36.46	138.17 4.35 -70.21	71.95 4.31 -0.47
BROOME_2_LFGE 323671	50.50 0.28 0.00	49.27 0.09 0.00	41.47 0.09 -0.33	41.88 0.16 0.00	38.21 0.11 -0.05	37.89 0.12 -0.25	36.13 0.14 0.00	24.34 0.08 -5.32	34.55 0.22 0.00	31.05 0.15 0.05	40.71 0.08 -3.97	43.36 0.07 -6.68	41.92 0.09 -2.63	42.61 0.03 -2.86	48.95 -0.02 -7.99	51.74 0.09 -6.62	59.62 0.15 -8.28	70.79 0.24 -0.30	73.22 0.21 -1.28	74.22 0.20 -1.85	62.28 -0.03 -5.33	52.41 -0.08 -8.33	68.86 -0.01 -5.27	68.16 -0.05 -1.04
BROOME___LFGE 323600	50.50 0.28 0.00	49.27 0.09 0.00	41.47 0.09 -0.33	41.88 0.16 0.00	38.21 0.11 -0.05	37.89 0.12 -0.25	36.13 0.14 0.00	24.34 0.08 -5.32	34.55 0.22 0.00	31.05 0.15 0.05	40.71 0.08 -3.97	43.36 0.07 -6.68	41.92 0.09 -2.63	42.61 0.03 -2.86	48.95 -0.02 -7.99	51.74 0.09 -6.62	59.62 0.15 -8.28	70.79 0.24 -0.30	73.22 0.21 -1.28	74.22 0.20 -1.85	62.28 -0.03 -5.33	52.41 -0.08 -8.33	68.86 -0.01 -5.27	68.16 -0.05 -1.04
BROWNFLS_115KV_TB_3_5 80003	47.32 -2.90 0.00	-2.10 -2.85 48.43	5.06 -2.59 33.41	-10.19 -2.48 49.42	15.81 -2.34 19.89	8.47 -2.56 26.49	0.35 -2.18 33.46	-18.85 -1.10 36.69	-4.79 -1.99 37.12	20.98 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.31 -0.08 -0.40	45.09 -0.27 -0.33	50.86 -0.75 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.34 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.74 0.77 -0.37	68.43 1.25 -0.01
BROWNSV1_27_KV_LOAD 356125	53.61 3.40 0.00	52.47 3.29 0.00	43.90 2.55 -0.30	44.25 2.53 0.00	40.36 2.32 0.00	40.80 2.47 -0.81	38.49 2.50 0.00	37.65 1.43 -17.28	37.01 2.68 0.00	33.83 2.54 -0.34	67.65 3.10 -27.90	62.67 3.08 -22.98	57.90 3.29 -15.41	62.29 3.26 -19.31	70.07 3.14 -25.95	69.72 3.19 -21.49	81.93 3.84 -26.89	75.46 5.21 0.00	77.36 5.64 0.00	77.48 5.31 0.00	71.83 4.19 -10.65	69.93 3.22 -22.55	80.40 4.28 -12.51	72.02 4.38 -0.47
BURROWS___LYONSDAL 23803	48.98 -1.24 0.00	44.25 -1.07 3.86	37.37 -1.03 2.65	36.79 -0.99 3.93	35.62 -0.84 1.58	34.52 -0.91 2.09	32.56 -0.76 2.66	16.06 -0.33 2.54	30.78 -0.59 2.96	29.75 -0.54 0.66	36.62 -0.40 -0.37	37.03 -0.07 -0.50	39.12 -0.29 -0.20	39.71 -0.24 -0.21	41.98 0.39 -0.60	46.10 0.57 -0.50	51.83 0.00 -0.62	70.61 0.37 0.00	72.73 1.01 0.00	73.42 1.26 0.00	58.60 1.28 -0.34	45.73 0.84 -0.73	65.26 1.25 -0.40	68.60 1.42 -0.02
CAITHNESS_CC_1 323624	53.46 3.24 0.00	52.47 3.29 0.00	43.62 2.27 -0.30	44.29 2.57 0.00	40.39 2.36 0.00	40.98 2.65 -0.81	38.72 2.73 0.00	37.77 1.55 -17.29	36.92 2.60 0.00	33.67 2.38 -0.34	67.22 2.73 -27.84	62.35 2.77 -22.98	57.34 2.78 -15.35	61.79 2.83 -19.23	70.08 3.15 -25.95	70.27 3.74 -21.50	82.67 4.58 -26.89	75.53 5.29 0.00	79.99 6.66 -1.61	82.44 6.17 -4.11	118.47 4.71 -56.77	78.45 3.37 -30.92	115.98 4.84 -47.54	72.25 4.62 -0.47
CALPINE BETH_PAGE_GT4 24209	53.42 3.20 0.00	52.40 3.22 0.00	43.64 2.29 -0.30	44.11 2.39 0.00	40.20 2.16 0.00	40.72 2.40 -0.81	38.41 2.43 0.00	37.60 1.37 -17.29	36.79 2.46 0.00	33.59 2.30 -0.34	67.28 2.78 -27.84	62.40 2.83 -22.98	57.44 2.88 -15.35	61.77 2.81 -19.23	69.89 2.95 -25.95	69.83 3.30 -21.50	82.02 3.93 -26.89	75.12 4.88 0.00	79.62 5.90 -2.00	82.65 5.36 -5.13	129.13 4.02 -68.13	80.23 3.02 -33.05	124.26 4.40 -56.25	71.95 4.32 -0.47
CALPINE_BETH_PAGE_GT_4 323586	53.42 3.20 0.00	52.41 3.23 0.00	43.64 2.29 -0.30	44.11 2.39 0.00	40.20 2.16 0.00	40.72 2.40 -0.81	38.42 2.43 0.00	37.60 1.37 -17.29	36.79 2.46 0.00	33.59 2.30 -0.34	67.27 2.78 -27.84	62.40 2.83 -22.98	57.44 2.88 -15.35	61.77 2.81 -19.23	69.90 2.96 -25.95	69.83 3.30 -21.50	82.02 3.93 -26.89	75.12 4.87 0.00	79.62 5.89 -2.00	82.66 5.37 -5.13	129.14 4.03 -68.13	80.22 3.02 -33.05	124.25 4.40 -56.25	71.95 4.32 -0.47
CALPINE_BP_GT1 23823	53.42 3.20 0.00	52.41 3.23 0.00	43.64 2.29 -0.30	44.11 2.39 0.00	40.20 2.16 0.00	40.72 2.40 -0.81	38.42 2.43 0.00	37.60 1.37 -17.29	36.79 2.46 0.00	33.59 2.30 -0.34	67.27 2.78 -27.84	62.40 2.83 -22.98	57.44 2.88 -15.35	61.77 2.81 -19.23	69.90 2.96 -25.95	69.83 3.30 -21.50	82.02 3.93 -26.89	75.12 4.87 0.00	79.62 5.89 -2.00	82.66 5.37 -5.13	129.14 4.03 -68.13	80.22 3.02 -33.05	124.25 4.40 -56.25	71.95 4.32 -0.47
CALSPAN___DRP 24200	48.06 -2.16 0.00	46.51 -2.67 0.00	39.21 -1.89 -0.04	39.95 -1.76 0.00	36.45 -1.59 0.00	36.00 -1.63 -0.12	34.46 -1.53 0.00	20.34 -1.17 -2.57	32.30 -2.03 0.00	29.19 -1.77 0.00	36.59 -2.44 -2.38	36.85 -2.56 -2.81	37.94 -2.55 -1.29	38.44 -2.67 -1.38	39.09 -3.17 -1.27	40.39 -3.24 1.40	49.00 -3.79 -1.60	65.70 -4.54 0.00	66.19 -4.93 0.59	67.45 -4.71 0.00	51.28 -4.42 1.28	44.17 -3.33 -3.33	61.60 -3.86 -1.85	64.22 -3.02 -0.07

CALVERTON___SOLAR 323806	53.61 3.39 0.00	52.59 3.41 0.00	43.71 2.36 -0.30	44.50 2.78 0.00	40.61 2.57 0.00	41.22 2.89 -0.81	38.95 2.96 0.00	37.90 1.67 -17.29	37.04 2.71 0.00	33.76 2.47 -0.34	67.27 2.78 -27.84	62.38 2.80 -22.98	57.36 2.81 -15.35	61.82 2.86 -19.23	70.16 3.22 -25.95	70.44 3.91 -21.50	82.95 4.86 -26.89	75.72 5.48 0.00	80.24 6.91 -1.61	82.78 6.51 -4.12	118.74 4.96 -56.80	78.60 3.52 -30.92	116.13 4.96 -47.56	72.37 4.74 -0.47
CANDIGU_WT_PWR 323617	47.93 -2.28 0.00	46.65 -2.53 0.00	39.48 -1.88 -0.30	40.03 -1.68 0.00	36.58 -1.51 -0.06	36.24 -1.44 -0.17	34.76 -1.23 0.00	21.81 -0.69 -3.56	33.09 -1.24 0.00	29.67 -1.28 0.00	38.01 -1.94 -3.30	36.90 -2.01 -2.32	38.94 -2.05 -1.79	39.56 -2.08 -1.91	30.62 -2.33 8.03	23.38 -2.28 19.37	41.78 -2.55 6.87	67.23 -3.32 -0.31	66.36 -3.63 1.74	70.32 -3.75 -1.91	43.02 -3.49 10.48	47.58 -2.66 -6.08	64.28 -3.36 -4.04	65.01 -3.18 -1.02
CARR STREET_E_SYR 24060	49.64 -0.58 0.00	48.53 -0.65 0.00	40.56 -0.52 -0.03	41.21 -0.50 0.00	37.61 -0.43 0.00	37.18 -0.41 -0.07	35.60 -0.39 0.00	20.17 -0.26 -1.49	33.84 -0.49 0.00	30.49 -0.46 0.00	37.43 -0.61 -1.38	37.84 -0.64 -1.87	39.20 -0.75 -0.75	39.64 -0.89 -0.80	42.24 -0.98 -2.24	45.89 -1.00 -1.86	52.43 -1.08 -2.32	68.85 -1.40 0.00	70.25 -1.47 0.00	70.66 -1.50 0.00	56.61 -1.28 -0.91	45.06 -1.02 -1.92	63.18 -1.49 -1.07	65.63 -1.58 -0.04
CARTHAGE___PAPER 23857	49.10 -1.12 0.00	48.07 -1.11 0.00	39.96 -1.12 -0.02	40.62 -1.09 0.00	37.34 -0.70 0.00	36.78 -0.79 -0.05	34.77 -1.22 0.00	19.65 -0.63 -1.34	33.23 -1.10 0.00	30.16 -0.80 0.00	37.51 -0.37 -1.24	38.73 0.45 -1.68	39.79 -0.08 -0.67	39.98 -0.46 -0.72	42.87 -0.12 -2.01	46.83 0.13 -1.66	53.68 0.40 -2.08	70.25 0.00 0.00	72.69 0.97 0.00	73.33 1.17 0.00	58.88 1.41 -0.48	45.91 0.74 -1.01	65.38 1.22 -0.56	68.58 1.39 -0.02
CASSADAGA_WT_PWR 323784	47.67 -2.55 0.00	45.90 -3.28 0.00	38.39 -1.98 0.69	39.86 -1.86 0.00	36.24 -1.63 0.17	36.16 -1.48 -0.12	34.86 -1.13 0.00	20.71 -0.91 -2.68	32.89 -1.44 0.00	29.89 -1.06 0.00	37.65 -1.48 -2.48	37.83 -1.82 -3.04	38.47 -2.07 -1.35	38.96 -2.21 -1.44	40.44 -2.57 -2.02	42.16 -2.64 0.23	50.36 -3.14 -2.31	66.06 -3.23 0.95	63.60 -3.64 4.48	62.50 -3.86 5.81	46.15 -3.82 7.01	40.46 -2.81 0.90	57.35 -3.73 2.52	61.79 -2.64 2.74
CE_DUNWOOD___DRP 24194	52.88 2.66 0.00	51.79 2.61 0.00	43.33 1.98 -0.30	43.67 1.96 0.00	39.84 1.80 0.00	40.26 1.94 -0.81	37.95 1.96 0.00	37.34 1.14 -17.25	36.45 2.12 0.00	33.29 1.99 -0.34	67.49 2.45 -28.39	62.03 2.39 -23.04	57.62 2.54 -15.88	62.28 2.51 -20.05	69.34 2.45 -25.90	68.98 2.49 -21.46	81.05 3.01 -26.84	74.30 4.05 0.00	76.18 4.46 0.00	76.35 4.18 0.00	70.90 3.28 -10.63	69.18 2.51 -22.51	79.44 3.34 -12.49	71.03 3.40 -0.47
CE_MILLWOOD___DRP 24193	52.78 2.56 0.00	51.70 2.52 0.00	43.24 1.89 -0.30	43.60 1.88 0.00	39.77 1.73 0.00	40.19 1.86 -0.80	37.88 1.89 0.00	37.24 1.11 -17.20	36.38 2.05 0.00	33.22 1.91 -0.35	67.83 2.35 -28.83	61.93 2.29 -23.04	57.83 2.42 -16.22	62.68 2.38 -20.57	69.15 2.35 -25.83	68.79 2.37 -21.39	80.83 2.88 -26.76	74.13 3.89 0.00	75.99 4.27 0.00	76.17 4.00 0.00	70.72 3.13 -10.60	69.01 2.41 -22.44	79.23 3.18 -12.45	70.88 3.24 -0.47
CE_NYC2_DRP 24202	53.06 2.84 0.00	51.98 2.80 0.00	43.53 2.18 -0.30	43.88 2.16 0.00	40.04 2.00 0.00	40.48 2.15 -0.81	38.19 2.20 0.00	37.50 1.27 -17.28	36.72 2.39 0.00	33.56 2.27 -0.34	67.27 2.74 -27.88	62.31 2.73 -22.98	57.54 2.94 -15.39	61.93 2.91 -19.29	69.63 2.70 -25.95	69.20 2.67 -21.49	81.30 3.21 -26.89	74.57 4.33 0.00	76.50 4.77 0.00	76.60 4.44 0.00	71.18 3.54 -10.65	69.48 2.77 -22.55	79.72 3.61 -12.51	71.41 3.78 -0.47
CE_NYC_DRP 24195	53.18 2.96 0.00	52.07 2.89 0.00	43.57 2.22 -0.30	43.92 2.20 0.00	40.07 2.03 0.00	40.50 2.17 -0.81	38.20 2.21 0.00	37.50 1.28 -17.28	36.72 2.39 0.00	33.55 2.27 -0.34	67.32 2.78 -27.90	62.33 2.75 -22.98	57.54 2.93 -15.41	61.93 2.89 -19.31	69.69 2.76 -25.95	69.29 2.77 -21.49	81.43 3.34 -26.89	74.72 4.47 0.00	76.63 4.90 0.00	76.73 4.57 0.00	71.23 3.59 -10.65	69.48 2.77 -22.55	79.76 3.64 -12.51	71.36 3.72 -0.47
CHAFFEE___LFGE 323603	48.59 -1.63 0.00	47.01 -2.17 0.00	38.87 -1.49 0.70	40.35 -1.37 0.00	36.64 -1.23 0.17	36.37 -1.27 -0.12	34.82 -1.17 0.00	20.64 -0.96 -2.66	32.69 -1.64 0.00	29.51 -1.44 0.00	37.03 -2.08 -2.46	37.42 -2.17 -2.99	38.38 -2.16 -1.33	38.89 -2.26 -1.42	40.15 -2.68 -1.84	41.80 -2.72 0.51	50.13 -3.21 -2.14	65.53 -3.75 0.97	63.04 -4.10 4.58	62.37 -3.89 5.90	45.95 -3.76 7.28	40.37 -2.79 1.00	57.74 -3.25 2.61	62.03 -2.35 2.79
CHATEAUG_35_KV_LOAD 355732	47.14 -3.08 0.00	25.58 -3.32 20.29	24.28 -2.78 14.00	18.36 -2.65 20.70	27.05 -2.66 8.33	23.50 -2.92 11.11	19.50 -2.47 14.02	2.18 -1.28 15.48	16.41 -2.36 15.55	25.46 -2.00 3.49	34.61 -2.04 0.00	35.63 -0.97 0.00	38.63 -0.57 0.00	39.57 -0.16 0.00	41.18 0.19 0.00	44.76 -0.27 0.00	51.09 -0.11 0.00	71.08 0.83 0.00	71.51 -0.22 0.00	72.37 0.20 0.00	56.82 -0.16 0.00	43.96 -0.20 0.00	64.70 1.09 0.00	68.83 1.67 0.00
CHATEAUG_WT_PWR 323614	47.11 -3.11 0.00	26.81 -3.30 19.07	25.08 -2.82 13.16	19.57 -2.68 19.46	27.49 -2.71 7.83	24.14 -2.94 10.44	20.29 -2.53 13.18	3.11 -1.28 14.55	17.35 -2.36 14.62	25.67 -2.00 3.28	34.59 -2.05 0.00	35.62 -0.98 0.00	38.67 -0.54 0.00	39.56 -0.17 0.00	41.16 0.18 0.00	44.81 -0.22 0.00	51.10 -0.10 0.00	71.07 0.83 0.00	71.55 -0.17 0.00	72.34 0.17 0.00	56.83 -0.16 0.00	43.96 -0.20 0.00	64.86 1.25 0.00	68.84 1.67 0.00
CHAT_HIGH_FALL_HYD 323578	47.14 -3.08 0.00	25.58 -3.32 20.29	24.28 -2.78 14.00	18.36 -2.65 20.70	27.05 -2.66 8.33	23.50 -2.92 11.11	19.50 -2.47 14.02	2.18 -1.28 15.48	16.41 -2.36 15.55	25.46 -2.00 3.49	34.61 -2.04 0.00	35.63 -0.97 0.00	38.63 -0.57 0.00	39.57 -0.16 0.00	41.18 0.19 0.00	44.76 -0.27 0.00	51.09 -0.11 0.00	71.08 0.83 0.00	71.51 -0.22 0.00	72.37 0.20 0.00	56.82 -0.16 0.00	43.96 -0.20 0.00	64.70 1.09 0.00	68.83 1.67 0.00
CHAUTAUQUA___LFGE 323629	47.72 -2.49 0.00	46.08 -3.11 0.00	38.36 -2.06 0.63	39.76 -1.96 0.00	36.18 -1.70 0.16	35.98 -1.66 -0.12	34.58 -1.41 0.00	20.48 -1.08 -2.62	32.51 -1.82 0.00	29.46 -1.50 0.00	37.03 -2.04 -2.42	37.23 -2.27 -2.89	38.09 -2.42 -1.31	38.60 -2.53 -1.40	39.57 -2.90 -1.49	40.92 -3.04 1.08	49.50 -3.50 -1.81	65.42 -3.94 0.88	63.03 -4.43 4.26	62.36 -4.46 5.34	45.72 -4.26 7.01	40.30 -3.23 0.63	57.36 -4.03 2.21	61.60 -3.05 2.52
CHERRYST_13_KV_LD 356241	53.32 3.10 0.00	52.19 3.01 0.00	43.67 2.32 -0.30	44.03 2.32 0.00	40.17 2.13 0.00	40.60 2.28 -0.81	38.30 2.31 0.00	37.56 1.33 -17.28	36.83 2.50 0.00	33.65 2.36 -0.34	67.44 2.89 -27.90	62.46 2.87 -22.98	57.68 3.06 -15.41	62.06 3.02 -19.31	69.82 2.89 -25.95	69.44 2.91 -21.49	81.60 3.51 -26.89	74.94 4.70 0.00	76.85 5.13 0.00	76.95 4.79 0.00	71.43 3.79 -10.65	69.61 2.90 -22.55	79.94 3.83 -12.51	71.56 3.92 -0.47

CHESTROR_138KV_BK263 355645	52.41 2.19 0.00	51.33 2.15 0.00	42.95 1.62 -0.28	43.31 1.59 0.00	39.51 1.47 0.00	39.86 1.59 -0.75	37.60 1.61 0.00	36.03 0.95 -16.15	36.06 1.73 0.00	33.67 1.58 -1.13	70.04 1.89 -31.49	57.11 1.81 -18.70	42.15 1.91 -1.04	37.85 1.89 3.77	67.11 1.88 -24.24	67.05 1.94 -20.08	78.71 2.40 -25.12	73.51 3.27 0.00	75.31 3.59 0.00	75.54 3.38 0.00	69.58 2.65 -9.95	67.25 2.02 -21.06	77.95 2.65 -11.69	70.28 2.67 -0.44
CH_MIDHUDSON___DRP 24192	52.85 2.63 0.00	51.79 2.61 0.00	43.35 2.00 -0.30	43.69 1.98 0.00	39.86 1.83 0.00	40.27 1.94 -0.82	37.93 1.94 0.00	37.58 1.12 -17.52	36.42 2.09 0.00	33.18 1.94 -0.28	60.98 2.41 -21.92	61.00 2.39 -22.00	50.75 2.53 -9.03	51.64 2.51 -9.40	69.82 2.53 -26.30	69.47 2.65 -21.79	81.67 3.22 -27.25	74.64 4.39 0.00	76.48 4.75 0.00	76.70 4.53 0.00	71.29 3.51 -10.80	69.69 2.67 -22.86	79.90 3.61 -12.68	71.30 3.66 -0.48
CH_MISC_IPPS 23765	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.26 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.67 2.34 0.00	33.40 2.13 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.73 -8.94	51.73 2.72 -9.28	69.69 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.25 0.00	77.20 5.04 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	80.09 3.97 -12.51	71.66 4.02 -0.47
CH_RES_BVR_FALLS 23983	48.12 -2.10 0.00	38.41 -2.11 8.65	33.37 -1.71 5.97	31.20 -1.69 8.83	32.81 -1.68 3.55	30.96 -1.82 4.74	28.44 -1.58 5.98	11.50 -0.83 6.60	26.21 -1.49 6.63	28.20 -1.27 1.49	35.22 -1.42 0.00	35.63 -0.97 0.00	38.49 -0.71 0.00	39.35 -0.38 0.00	40.78 -0.20 0.00	44.52 -0.52 0.00	50.60 -0.60 0.00	69.74 -0.50 0.00	70.71 -1.01 0.00	71.34 -0.82 0.00	56.40 -0.58 0.00	43.72 -0.44 0.00	63.73 0.12 0.00	67.58 0.42 0.00
CH_RES_NIAGARA 23895	46.20 -4.02 0.00	44.69 -4.50 0.00	37.65 -3.44 -0.04	38.33 -3.39 0.00	34.99 -3.05 0.00	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.77 -3.56 0.00	27.83 -3.12 0.00	34.81 -4.04 -2.21	35.09 -4.18 -2.67	36.16 -4.24 -1.20	36.68 -4.33 -1.28	37.61 -4.94 -1.57	39.20 -5.22 0.61	46.99 -6.05 -1.85	62.44 -7.81 0.00	62.92 -8.35 0.46	64.09 -8.07 0.00	49.29 -6.93 0.76	41.81 -5.44 -3.09	58.83 -6.49 -1.72	61.53 -5.70 -0.06
CH_RES_SYRACUSE 23985	49.96 -0.25 0.00	48.84 -0.34 0.00	40.82 -0.26 -0.03	41.44 -0.27 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.56 -2.59	69.55 -0.69 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.92 -0.88 -1.19	66.21 -1.00 -0.04
CLINTON_WT_PWR 323605	47.11 -3.11 0.00	26.81 -3.30 19.07	25.08 -2.82 13.16	19.57 -2.68 19.46	27.49 -2.71 7.83	24.14 -2.94 10.44	20.29 -2.53 13.18	3.11 -1.28 14.55	17.35 -2.36 14.62	25.67 -2.00 3.28	34.59 -2.05 0.00	35.62 -0.98 0.00	38.67 -0.54 0.00	39.56 -0.17 0.00	41.16 0.18 0.00	44.81 -0.22 0.00	51.10 -0.10 0.00	71.07 0.83 0.00	71.55 -0.17 0.00	72.34 0.17 0.00	56.83 -0.16 0.00	43.96 -0.20 0.00	64.86 1.25 0.00	68.84 1.67 0.00
CLINTON___LFGE 323618	47.98 -2.24 0.00	27.27 -2.52 19.39	25.61 -2.07 13.38	20.04 -1.89 19.79	28.07 -2.00 7.96	24.68 -2.22 10.61	20.76 -1.84 13.40	3.24 -0.91 14.80	17.73 -1.73 14.87	26.22 -1.40 3.34	35.31 -1.34 0.00	36.38 -0.22 0.00	39.43 0.23 0.00	40.37 0.64 0.00	41.99 1.01 0.00	45.72 0.69 0.00	52.19 1.00 0.00	72.61 2.37 0.00	73.17 1.45 0.00	73.93 1.77 0.00	58.07 1.09 0.00	44.86 0.70 0.00	66.11 2.50 0.00	70.13 2.97 0.00
COBBLENY_34_KV_TB1 80064	48.59 -1.63 0.00	47.02 -2.16 0.00	39.62 -1.48 -0.05	40.35 -1.37 0.00	36.81 -1.23 0.00	36.37 -1.27 -0.12	34.83 -1.16 0.00	20.64 -0.96 -2.66	32.68 -1.64 0.00	29.51 -1.44 0.00	37.03 -2.08 -2.46	37.40 -2.19 -2.99	38.38 -2.15 -1.33	38.88 -2.27 -1.42	40.09 -2.74 -1.84	41.75 -2.77 0.51	50.10 -3.24 -2.14	66.50 -3.75 0.00	67.11 -4.12 0.49	68.26 -3.90 0.00	52.46 -3.79 0.74	44.78 -2.83 -3.45	62.34 -3.17 -1.91	64.86 -2.38 -0.07
COFFEEN___115KV_TB3 355620	48.74 -1.48 0.00	47.64 -1.54 0.00	39.59 -1.49 -0.02	40.26 -1.46 0.00	36.99 -1.06 0.00	36.44 -1.13 -0.05	34.71 -1.28 0.00	19.63 -0.65 -1.34	33.20 -1.13 0.00	30.12 -0.84 0.00	37.44 -0.45 -1.24	38.50 0.22 -1.68	39.46 -0.41 -0.67	39.62 -0.82 -0.72	42.47 -0.52 -2.01	46.42 -0.28 -1.66	53.22 -0.06 -2.08	69.76 -0.49 0.00	72.30 0.58 0.00	73.10 0.94 0.00	58.88 1.35 -0.54	45.91 0.61 -1.14	65.03 0.79 -0.63	68.01 0.83 -0.02
COLDSPRG_115KV_BK1 355956	49.94 -0.28 0.00	48.19 -0.99 0.00	40.70 -0.40 -0.05	41.40 -0.31 0.00	37.85 -0.19 0.00	37.50 -0.15 -0.13	35.90 -0.09 0.00	21.42 -0.30 -2.78	34.01 -0.31 0.00	30.84 -0.11 0.00	38.74 -0.48 -2.58	39.25 -0.63 -3.28	40.02 -0.57 -1.40	40.40 -0.82 -1.49	42.57 -1.27 -2.85	44.95 -1.18 -1.10	52.87 -1.42 -3.10	69.16 -1.08 0.00	70.07 -1.35 0.30	70.79 -1.37 0.00	55.38 -1.84 -0.24	46.51 -1.26 -3.62	64.39 -1.22 -2.01	66.94 -0.31 -0.07
COLONIE_LFGE___ 323577	52.11 1.90 0.00	51.07 1.89 0.00	43.04 1.63 -0.36	43.35 1.64 0.00	39.61 1.57 0.00	40.11 1.62 -0.97	37.40 1.42 0.00	40.53 0.81 -20.78	35.76 1.43 0.00	32.35 1.29 -0.11	59.69 1.54 -21.50	64.27 1.56 -26.10	51.40 1.68 -10.52	52.63 1.75 -11.15	74.11 1.92 -31.20	73.06 2.18 -25.85	85.90 2.37 -32.33	73.41 3.17 0.00	74.94 3.22 0.00	75.42 3.25 0.00	72.49 2.70 -12.81	73.38 2.10 -27.12	81.65 3.00 -15.05	70.89 3.16 -0.57
COOPERNY_115KV_TB1 80082	51.20 0.98 0.00	50.15 0.97 0.00	42.00 0.74 -0.20	42.45 0.73 0.00	38.69 0.65 0.00	38.77 0.70 -0.55	36.73 0.74 0.00	31.07 0.45 -11.68	35.15 0.82 0.00	31.33 0.74 0.37	38.47 0.91 -0.91	51.48 0.81 -14.07	42.58 0.87 -2.51	42.11 0.84 -1.55	59.31 0.79 -17.54	60.35 0.80 -14.53	70.38 1.02 -18.17	71.58 1.33 0.00	73.25 1.52 0.00	73.58 1.41 0.00	65.33 1.14 -7.20	60.26 0.86 -15.24	73.12 1.06 -8.46	68.53 1.05 -0.32
COPENHAGEN_WT_PWR 323753	47.82 -2.40 0.00	46.77 -2.42 0.00	38.88 -2.20 -0.02	39.53 -2.19 0.00	36.33 -1.71 0.00	35.76 -1.81 -0.05	34.04 -1.95 0.00	19.27 -1.01 -1.34	32.53 -1.80 0.00	29.50 -1.45 0.00	36.77 -1.12 -1.24	37.84 -0.44 -1.68	38.72 -1.16 -0.67	38.91 -1.54 -0.72	41.86 -1.13 -2.01	45.61 -1.09 -1.66	52.17 -1.11 -2.08	68.23 -2.02 0.00	70.93 -0.79 0.00	71.98 -0.18 0.00	58.11 0.57 -0.55	45.39 0.05 -1.18	64.30 0.04 -0.65	67.25 0.06 -0.02
CORNELL_____ 23752	51.16 0.94 0.00	49.95 0.76 0.00	41.79 0.67 -0.06	42.43 0.71 0.00	38.70 0.66 0.00	38.39 0.70 -0.17	36.73 0.74 0.00	22.96 0.37 -3.65	35.05 0.72 0.00	31.54 0.58 0.00	40.59 0.57 -3.38	41.72 0.41 -4.72	41.51 0.48 -1.83	42.12 0.43 -1.96	47.68 0.40 -6.29	51.67 0.65 -5.99	58.61 0.98 -6.43	71.76 1.52 0.00	73.41 1.50 -0.19	73.66 1.49 0.00	61.06 0.94 -3.14	49.53 0.63 -4.75	67.14 0.90 -2.63	68.10 0.84 -0.10

CORONA__69_KV_TB1 355595	53.48 3.27 0.00	52.43 3.25 0.00	43.71 2.36 -0.30	44.13 2.42 0.00	40.22 2.18 0.00	40.74 2.42 -0.81	38.42 2.43 0.00	37.60 1.37 -17.29	36.80 2.47 0.00	33.62 2.33 -0.34	67.36 2.86 -27.84	62.47 2.89 -22.98	57.59 3.03 -15.35	62.06 3.10 -19.23	70.15 3.21 -25.95	69.99 3.46 -21.50	82.16 4.07 -26.90	75.41 5.16 0.00	80.62 6.01 -2.88	85.01 5.47 -7.38	154.50 4.13 -93.39	85.14 3.10 -37.88	143.60 4.25 -75.74	71.80 4.16 -0.47
CORTLAND__115KV_TB3 80093	50.66 0.44 0.00	49.50 0.32 0.00	41.39 0.28 -0.05	42.06 0.34 0.00	38.35 0.31 0.00	37.99 0.33 -0.14	36.34 0.35 0.00	22.07 0.18 -2.96	34.69 0.36 0.00	31.23 0.27 0.00	39.61 0.23 -2.73	40.49 0.18 -3.71	40.89 0.20 -1.48	41.44 0.12 -1.59	45.55 0.13 -4.44	48.99 0.29 -3.67	56.24 0.45 -4.60	70.94 0.69 0.00	72.41 0.68 0.00	72.80 0.64 0.00	59.16 0.36 -1.82	48.21 0.21 -3.85	66.04 0.30 -2.13	67.51 0.26 -0.08
COXSACKIE__GT 23611	53.72 3.51 0.00	52.61 3.43 0.00	44.27 2.88 -0.34	44.68 2.96 0.00	40.78 2.74 0.00	41.16 2.72 -0.91	38.58 2.59 0.00	39.87 1.37 -19.57	36.97 2.64 0.00	33.41 2.32 -0.14	59.58 1.98 -20.94	63.11 1.93 -24.58	51.36 2.22 -9.94	52.84 2.61 -10.50	73.50 3.14 -29.38	73.19 3.83 -24.33	86.29 4.65 -30.44	77.06 6.81 0.00	78.40 6.67 0.00	78.69 6.53 0.00	74.15 5.10 -12.06	73.48 3.79 -25.53	83.28 5.51 -14.17	73.54 5.85 -0.53
CPV_VALLEY__CC1 323721	50.60 0.39 0.00	49.58 0.40 0.00	41.55 0.30 -0.19	42.00 0.29 0.00	38.30 0.26 0.00	38.36 0.32 -0.53	36.34 0.35 0.00	30.50 0.25 -11.31	34.80 0.48 0.00	30.97 0.43 0.42	36.84 0.58 0.38	50.61 0.42 -13.59	41.88 0.49 -2.19	41.35 0.44 -1.18	58.33 0.36 -16.98	59.42 0.32 -14.07	69.26 0.47 -17.60	70.82 0.58 0.00	72.47 0.74 0.00	72.78 0.62 0.00	64.55 0.59 -6.97	59.36 0.44 -14.76	72.18 0.39 -8.19	67.81 0.34 -0.31
CPV_VALLEY__CC2 323722	50.60 0.39 0.00	49.58 0.40 0.00	41.55 0.30 -0.19	42.00 0.29 0.00	38.30 0.26 0.00	38.36 0.32 -0.53	36.34 0.35 0.00	30.50 0.25 -11.31	34.80 0.48 0.00	30.97 0.43 0.42	36.84 0.58 0.38	50.61 0.42 -13.59	41.88 0.49 -2.19	41.35 0.44 -1.18	58.33 0.36 -16.98	59.42 0.32 -14.07	69.26 0.47 -17.60	70.82 0.58 0.00	72.47 0.74 0.00	72.78 0.62 0.00	64.55 0.59 -6.97	59.36 0.44 -14.76	72.18 0.39 -8.19	67.81 0.34 -0.31
CRESCENT__HYD 24018	52.11 1.90 0.00	51.07 1.89 0.00	43.04 1.63 -0.36	43.35 1.64 0.00	39.61 1.57 0.00	40.11 1.62 -0.97	37.40 1.42 0.00	40.53 0.81 -20.78	35.76 1.43 0.00	32.35 1.29 -0.11	59.69 1.54 -21.50	64.27 1.56 -26.10	51.40 1.68 -10.52	52.63 1.75 -11.15	74.11 1.92 -31.20	73.06 2.18 -25.85	85.90 2.37 -32.33	73.41 3.17 0.00	74.94 3.22 0.00	75.42 3.25 0.00	72.49 2.70 -12.81	73.38 2.10 -27.12	81.65 3.00 -15.05	70.89 3.16 -0.57
CRICKET__VALLEY_CC1 323756	52.08 1.86 0.00	51.11 1.93 0.00	42.80 1.44 -0.31	43.14 1.43 0.00	39.38 1.34 0.00	39.83 1.47 -0.84	37.46 1.47 0.00	37.80 0.86 -18.00	35.99 1.66 0.00	32.82 1.62 -0.25	62.26 2.15 -23.46	61.87 2.20 -23.07	53.07 2.32 -11.55	55.26 2.28 -13.25	70.31 2.30 -27.03	69.78 2.36 -22.39	82.08 2.88 -28.01	74.17 3.93 0.00	76.02 4.29 0.00	76.23 4.07 0.00	71.20 3.12 -11.09	70.01 2.37 -23.49	79.86 3.22 -13.03	70.93 3.28 -0.49
CRICKET__VALLEY_CC2 323757	52.08 1.86 0.00	51.11 1.93 0.00	42.80 1.44 -0.31	43.14 1.43 0.00	39.38 1.34 0.00	39.83 1.47 -0.84	37.46 1.47 0.00	37.80 0.86 -18.00	35.99 1.66 0.00	32.82 1.62 -0.25	62.26 2.15 -23.46	61.87 2.20 -23.07	53.07 2.32 -11.55	55.26 2.28 -13.25	70.31 2.30 -27.03	69.78 2.36 -22.39	82.08 2.88 -28.01	74.17 3.93 0.00	76.02 4.29 0.00	76.23 4.07 0.00	71.20 3.12 -11.09	70.01 2.37 -23.49	79.86 3.22 -13.03	70.93 3.28 -0.49
CRICKET__VALLEY_CC3 323758	52.08 1.86 0.00	51.11 1.93 0.00	42.80 1.44 -0.31	43.14 1.43 0.00	39.38 1.34 0.00	39.83 1.47 -0.84	37.46 1.47 0.00	37.80 0.86 -18.00	35.99 1.66 0.00	32.82 1.62 -0.25	62.26 2.15 -23.46	61.87 2.20 -23.07	53.07 2.32 -11.55	55.26 2.28 -13.25	70.31 2.30 -27.03	69.78 2.36 -22.39	82.08 2.88 -28.01	74.17 3.93 0.00	76.02 4.29 0.00	76.23 4.07 0.00	71.20 3.12 -11.09	70.01 2.37 -23.49	79.86 3.22 -13.03	70.93 3.28 -0.49
CRUCIBLE__METL_DRP 24180	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04
DAHOWA__HYDRO 323763	53.24 3.02 0.00	52.12 2.94 0.00	43.90 2.48 -0.36	44.23 2.51 0.00	40.43 2.39 0.00	40.98 2.48 -0.98	38.31 2.32 0.00	41.28 1.27 -21.07	36.52 2.19 0.00	32.86 1.80 -0.10	60.18 1.91 -21.61	64.89 1.83 -26.46	51.89 2.03 -10.66	53.13 2.09 -11.31	74.99 2.38 -31.63	74.09 2.86 -26.20	87.34 3.37 -32.77	74.71 4.46 0.00	76.22 4.50 0.00	76.67 4.51 0.00	73.45 3.48 -12.98	74.33 2.68 -27.49	82.63 3.77 -15.25	71.57 3.83 -0.57
DANC__LFGE 323619	48.42 -1.80 0.00	47.35 -1.84 0.00	39.44 -1.64 -0.02	40.09 -1.63 0.00	36.74 -1.30 0.00	36.22 -1.36 -0.05	34.53 -1.46 0.00	19.50 -0.77 -1.34	32.95 -1.38 0.00	29.83 -1.12 0.00	36.90 -0.99 -1.24	37.71 -0.57 -1.68	38.81 -1.06 -0.67	39.12 -1.33 -0.72	41.88 -1.12 -2.01	45.59 -1.11 -1.66	52.12 -1.16 -2.08	68.33 -1.91 0.00	70.52 -1.20 0.00	71.31 -0.85 0.00	57.39 -0.23 -0.64	45.12 -0.41 -1.36	63.72 -0.65 -0.76	66.49 -0.71 -0.03
DANSKAMMER__1 23586	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.26 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.67 2.34 0.00	33.40 2.13 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.73 -8.94	51.73 2.72 -9.28	69.69 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.25 0.00	77.20 5.04 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	80.09 3.97 -12.51	71.66 4.02 -0.47
DANSKAMMER__2 23589	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.26 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.67 2.34 0.00	33.40 2.13 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.73 -8.94	51.73 2.72 -9.28	69.69 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.25 0.00	77.20 5.04 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	80.09 3.97 -12.51	71.66 4.02 -0.47
DANSKAMMER__3 23590	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.26 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.67 2.34 0.00	33.40 2.13 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.73 -8.94	51.73 2.72 -9.28	69.69 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.25 0.00	77.20 5.04 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	80.09 3.97 -12.51	71.66 4.02 -0.47

DANSKAMMER___4 23591	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.26 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.26 -17.28	36.67 2.34 0.00	33.40 2.13 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.73 -8.94	51.73 2.72 -9.28	69.69 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.25 0.00	77.20 5.04 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	80.09 3.97 -12.51	71.66 4.02 -0.47
DANSKAMMER___DIESEL 23592	53.23 3.01 0.00	52.14 2.96 0.00	43.62 2.27 -0.30	43.98 2.27 0.00	40.12 2.09 0.00	40.52 2.20 -0.81	38.20 2.21 0.00	37.49 1.27 -17.28	36.68 2.34 0.00	33.41 2.14 -0.32	61.69 2.61 -22.43	60.87 2.56 -21.71	50.87 2.72 -8.94	51.73 2.72 -9.28	69.68 2.75 -25.95	69.44 2.91 -21.49	81.65 3.56 -26.89	75.13 4.88 0.00	76.98 5.26 0.00	77.20 5.04 0.00	71.54 3.91 -10.65	69.67 2.96 -22.55	80.10 3.98 -12.51	71.67 4.03 -0.47
DARBY___SOLAR 323810	53.00 2.78 0.00	51.89 2.71 0.00	43.70 2.29 -0.36	44.03 2.31 0.00	40.23 2.18 0.00	40.79 2.29 -0.98	38.11 2.12 0.00	41.14 1.17 -21.03	36.32 2.00 0.00	32.70 1.65 -0.11	59.99 1.74 -21.60	64.68 1.67 -26.41	51.69 1.85 -10.64	52.94 1.93 -11.29	74.74 2.19 -31.57	73.81 2.62 -26.15	86.98 3.08 -32.71	74.34 4.09 0.00	75.87 4.15 0.00	76.30 4.14 0.00	73.18 3.23 -12.96	74.09 2.50 -27.44	82.34 3.51 -15.22	71.33 3.59 -0.57
DASHVILLE___HYD 23610	52.69 2.47 0.00	51.67 2.49 0.00	43.18 1.83 -0.30	43.54 1.83 0.00	39.70 1.66 0.00	40.07 1.73 -0.82	37.79 1.80 0.00	37.58 1.02 -17.62	36.30 1.97 0.00	33.01 1.85 -0.20	59.20 2.17 -20.38	60.84 2.10 -22.13	50.45 2.24 -9.01	51.27 2.09 -9.46	69.53 2.10 -26.45	69.05 2.11 -21.91	81.26 2.66 -27.41	73.97 3.73 0.00	75.84 4.12 0.00	76.07 3.91 0.00	70.77 2.92 -10.86	69.32 2.17 -22.99	79.25 2.89 -12.76	70.54 2.90 -0.48
DEERFIELD_69_KV_DEERFIELD LD 355887	53.64 3.42 0.00	52.56 3.38 0.00	43.66 2.31 -0.30	44.59 2.87 0.00	40.87 2.83 0.00	41.54 3.21 -0.81	39.27 3.28 0.00	38.08 1.85 -17.29	37.21 2.88 0.00	33.92 2.63 -0.34	67.39 2.90 -27.84	62.39 2.82 -22.98	57.36 2.80 -15.35	61.78 2.83 -19.23	70.14 3.20 -25.95	70.54 4.01 -21.50	83.32 5.23 -26.89	76.28 6.04 0.00	81.18 7.86 -1.61	83.59 7.31 -4.12	119.40 5.59 -56.82	78.95 3.87 -30.93	116.17 4.99 -47.58	72.42 4.79 -0.47
DELAWARE___LFGE 323621	51.81 1.59 0.00	50.77 1.59 0.00	42.48 1.31 -0.12	43.03 1.32 0.00	39.19 1.15 0.00	38.93 1.08 -0.33	37.10 1.11 0.00	26.62 0.61 -7.07	35.49 1.16 0.00	31.94 1.04 0.06	43.23 1.24 -5.34	46.66 1.18 -8.88	43.96 1.26 -3.50	44.74 1.21 -3.80	52.80 1.21 -10.61	55.14 1.32 -8.79	63.76 1.56 -11.00	72.35 2.10 0.00	73.91 2.18 0.00	74.40 2.24 0.00	63.00 1.66 -4.36	54.63 1.26 -9.22	70.45 1.73 -5.11	69.16 1.80 -0.19
DERFIELD_115KV_TB7 355931	50.22 0.00 0.00	49.20 0.01 0.00	41.08 0.03 0.00	41.74 0.03 0.00	38.05 0.01 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.95 0.01 0.00	34.36 0.03 0.00	30.99 0.03 0.00	36.69 0.04 0.00	36.66 0.06 0.00	39.29 0.09 0.00	39.85 0.12 0.00	41.15 0.16 0.00	45.20 0.16 0.00	51.36 0.16 0.00	70.46 0.21 0.00	71.94 0.21 0.00	72.38 0.22 0.00	57.21 0.23 0.00	44.34 0.18 0.00	63.92 0.31 0.00	67.50 0.33 0.00
DOGLEVILLE___HYD 23807	51.22 1.01 0.00	50.11 0.92 0.00	41.93 0.87 0.00	42.67 0.96 0.00	38.95 0.91 0.00	38.52 1.00 0.00	36.80 0.81 0.00	19.45 0.51 0.00	35.29 0.96 0.00	31.52 0.57 0.00	37.08 0.43 0.00	37.02 0.42 0.00	39.61 0.41 0.00	40.37 0.64 0.00	42.01 1.03 0.00	46.49 1.46 0.00	52.85 1.65 0.00	72.43 2.18 0.00	73.99 2.26 0.00	74.26 2.10 0.00	58.80 1.82 0.00	45.56 1.40 0.00	65.60 1.99 0.00	68.91 1.74 0.00
DUNKIRK___115KV_TB_200 55889	47.76 -2.46 0.00	46.15 -3.04 0.00	39.06 -2.04 -0.05	39.77 -1.94 0.00	36.35 -1.69 0.00	35.98 -1.66 -0.12	34.56 -1.43 0.00	20.46 -1.09 -2.61	32.48 -1.85 0.00	29.41 -1.54 0.00	36.97 -2.09 -2.42	37.17 -2.31 -2.88	38.07 -2.44 -1.31	38.59 -2.54 -1.40	39.43 -3.00 -1.44	40.76 -3.12 1.16	49.40 -3.57 -1.76	66.22 -4.02 0.00	66.65 -4.50 0.57	67.66 -4.50 0.00	51.54 -4.31 1.14	44.27 -3.28 -3.39	61.53 -3.95 -1.88	64.15 -3.08 -0.07
DUNKIRK___1 23563	47.76 -2.46 0.00	46.15 -3.04 0.00	39.06 -2.04 -0.05	39.77 -1.94 0.00	36.35 -1.69 0.00	35.98 -1.66 -0.12	34.56 -1.43 0.00	20.46 -1.09 -2.61	32.48 -1.85 0.00	29.41 -1.54 0.00	36.97 -2.09 -2.42	37.17 -2.31 -2.88	38.07 -2.44 -1.31	38.59 -2.54 -1.40	39.43 -3.00 -1.44	40.76 -3.12 1.16	49.40 -3.57 -1.76	66.22 -4.02 0.00	66.65 -4.50 0.57	67.66 -4.50 0.00	51.54 -4.31 1.14	44.27 -3.28 -3.39	61.53 -3.95 -1.88	64.15 -3.08 -0.07
DUNKIRK___2 23564	47.76 -2.46 0.00	46.15 -3.04 0.00	39.06 -2.04 -0.05	39.77 -1.94 0.00	36.35 -1.69 0.00	35.98 -1.66 -0.12	34.56 -1.43 0.00	20.46 -1.09 -2.61	32.48 -1.85 0.00	29.41 -1.54 0.00	36.97 -2.09 -2.42	37.17 -2.31 -2.88	38.07 -2.44 -1.31	38.59 -2.54 -1.40	39.43 -3.00 -1.44	40.76 -3.12 1.16	49.40 -3.57 -1.76	66.22 -4.02 0.00	66.65 -4.50 0.57	67.66 -4.50 0.00	51.54 -4.31 1.14	44.27 -3.28 -3.39	61.53 -3.95 -1.88	64.15 -3.08 -0.07
DUNKIRK___3 23565	47.83 -2.39 0.00	46.25 -2.93 0.00	39.08 -2.02 -0.04	39.81 -1.91 0.00	36.36 -1.68 0.00	35.96 -1.68 -0.12	34.50 -1.49 0.00	20.39 -1.13 -2.58	32.40 -1.93 0.00	29.32 -1.63 0.00	36.81 -2.23 -2.39	36.99 -2.42 -2.81	38.00 -2.50 -1.29	38.49 -2.62 -1.39	39.09 -3.08 -1.18	40.25 -3.20 1.59	49.03 -3.69 -1.52	65.99 -4.26 0.00	66.40 -4.70 0.62	67.52 -4.64 0.00	51.19 -4.40 1.40	44.17 -3.34 -3.35	61.47 -3.99 -1.86	64.11 -3.12 -0.07
DUNKIRK___4 23566	47.83 -2.39 0.00	46.25 -2.93 0.00	39.08 -2.02 -0.04	39.81 -1.91 0.00	36.36 -1.68 0.00	35.96 -1.68 -0.12	34.50 -1.49 0.00	20.39 -1.13 -2.58	32.40 -1.93 0.00	29.32 -1.63 0.00	36.81 -2.23 -2.39	36.99 -2.42 -2.81	38.00 -2.50 -1.29	38.49 -2.62 -1.39	39.09 -3.08 -1.18	40.25 -3.20 1.59	49.03 -3.69 -1.52	65.99 -4.26 0.00	66.40 -4.70 0.62	67.52 -4.64 0.00	51.19 -4.40 1.40	44.17 -3.34 -3.35	61.47 -3.99 -1.86	64.11 -3.12 -0.07
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.98 2.76 0.00	51.89 2.71 0.00	43.38 2.03 -0.30	43.73 2.01 0.00	39.88 1.84 0.00	40.32 1.99 -0.81	38.00 2.01 0.00	37.40 1.18 -17.28	36.52 2.19 0.00	33.36 2.06 -0.34	67.10 2.55 -27.90	62.11 2.53 -22.98	57.28 2.67 -15.41	61.68 2.65 -19.31	69.52 2.58 -25.95	69.15 2.62 -21.49	81.26 3.17 -26.89	74.50 4.26 0.00	76.39 4.66 0.00	76.53 4.37 0.00	71.07 3.43 -10.65	69.36 2.65 -22.55	79.63 3.51 -12.51	71.21 3.58 -0.47
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.92 2.70 0.00	51.83 2.65 0.00	43.36 2.01 -0.29	43.72 2.01 0.00	39.87 1.83 0.00	40.27 1.96 -0.79	37.98 1.99 0.00	36.96 1.14 -16.88	36.44 2.12 0.00	33.26 1.92 -0.39	60.28 2.31 -21.33	59.48 2.22 -20.65	47.63 2.37 -6.06	46.87 2.34 -4.80	68.68 2.36 -25.34	68.49 2.47 -20.99	80.50 3.05 -26.25	74.43 4.19 0.00	76.28 4.56 0.00	76.48 4.32 0.00	70.75 3.37 -10.40	68.73 2.55 -22.02	79.21 3.39 -12.22	71.05 3.43 -0.46

E179THST_138_KV_TB4_REV_LBMP_J 345001	52.98 2.77 0.00	51.96 2.78 0.00	43.59 2.24 -0.30	43.94 2.22 0.00	40.09 2.05 0.00	40.52 2.19 -0.81	38.20 2.21 0.00	37.48 1.26 -17.28	36.67 2.34 0.00	33.54 2.25 -0.34	67.23 2.70 -27.88	62.26 2.68 -22.98	57.46 2.86 -15.39	61.85 2.84 -19.29	69.59 2.65 -25.95	69.27 2.74 -21.49	81.37 3.29 -26.89	74.69 4.44 0.00	76.60 4.88 0.00	76.67 4.51 0.00	71.27 3.63 -10.65	69.45 2.74 -22.55	79.69 3.57 -12.51	71.46 3.83 -0.47
E179THST_13_KV_LOAD 356214	53.21 2.99 0.00	52.17 2.98 0.00	43.75 2.40 -0.30	44.10 2.38 0.00	40.24 2.20 0.00	40.66 2.33 -0.81	38.34 2.35 0.00	37.55 1.33 -17.28	36.82 2.49 0.00	33.68 2.39 -0.34	67.40 2.87 -27.88	62.43 2.85 -22.98	57.64 3.05 -15.39	62.05 3.03 -19.29	69.78 2.85 -25.95	69.49 2.97 -21.49	81.64 3.56 -26.89	75.04 4.79 0.00	76.98 5.25 0.00	77.06 4.90 0.00	71.55 3.91 -10.65	69.67 2.96 -22.55	79.98 3.86 -12.51	71.76 4.13 -0.47
EAST HAMPTON___GT 23717	52.97 2.76 0.00	51.84 2.66 0.00	43.03 1.68 -0.30	44.05 2.33 0.00	40.57 2.54 0.00	41.30 2.97 -0.81	39.05 3.06 0.00	37.95 1.72 -17.29	36.85 2.53 0.00	33.61 2.32 -0.34	67.01 2.52 -27.84	61.90 2.33 -22.98	56.85 2.29 -15.35	61.22 2.26 -19.23	69.56 2.62 -25.95	69.99 3.46 -21.50	82.86 4.77 -26.89	75.74 5.49 0.00	81.05 7.72 -1.61	83.32 7.05 -4.12	119.21 5.40 -56.82	78.69 3.61 -30.93	115.29 4.11 -47.58	71.55 3.92 -0.47
EAST RIVER___6 23660	53.22 3.00 0.00	52.10 2.91 0.00	43.59 2.24 -0.30	43.95 2.23 0.00	40.09 2.06 0.00	40.53 2.20 -0.81	38.24 2.25 0.00	37.52 1.30 -17.28	36.76 2.43 0.00	33.59 2.30 -0.34	67.36 2.81 -27.90	62.38 2.80 -22.98	57.61 3.00 -15.41	61.98 2.94 -19.31	69.74 2.81 -25.95	69.37 2.84 -21.49	81.48 3.40 -26.89	74.83 4.59 0.00	76.68 4.96 0.00	76.79 4.63 0.00	71.33 3.69 -10.65	69.52 2.81 -22.55	79.72 3.60 -12.51	71.37 3.73 -0.47
EAST RIVER___7 23524	53.22 3.00 0.00	52.10 2.91 0.00	43.59 2.24 -0.30	43.95 2.23 0.00	40.09 2.06 0.00	40.53 2.20 -0.81	38.24 2.25 0.00	37.52 1.30 -17.28	36.76 2.43 0.00	33.59 2.30 -0.34	67.36 2.81 -27.90	62.38 2.80 -22.98	57.61 3.00 -15.41	61.98 2.94 -19.31	69.74 2.81 -25.95	69.37 2.84 -21.49	81.48 3.40 -26.89	74.83 4.59 0.00	76.68 4.96 0.00	76.79 4.63 0.00	71.33 3.69 -10.65	69.52 2.81 -22.55	79.72 3.60 -12.51	71.37 3.73 -0.47
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.88 2.66 0.00	51.79 2.61 0.00	43.33 1.98 -0.30	43.67 1.96 0.00	39.84 1.80 0.00	40.26 1.94 -0.81	37.95 1.96 0.00	37.34 1.14 -17.25	36.45 2.12 0.00	33.29 1.99 -0.34	67.49 2.45 -28.39	62.03 2.39 -23.04	57.62 2.54 -15.88	62.28 2.51 -20.05	69.34 2.45 -25.90	68.98 2.49 -21.46	81.05 3.01 -26.84	74.30 4.05 0.00	76.18 4.46 0.00	76.35 4.18 0.00	70.90 3.28 -10.63	69.18 2.51 -22.51	79.44 3.34 -12.49	71.03 3.40 -0.47
EAST_HAMPTON___DIESEL 23722	52.83 2.61 0.00	51.69 2.51 0.00	42.91 1.55 -0.30	43.94 2.22 0.00	40.49 2.46 0.00	41.23 2.91 -0.81	38.97 2.99 0.00	37.92 1.69 -17.29	36.77 2.44 0.00	33.54 2.25 -0.34	66.93 2.44 -27.84	61.80 2.23 -22.98	56.74 2.19 -15.35	61.10 2.14 -19.23	69.44 2.50 -25.95	69.85 3.32 -21.50	82.72 4.63 -26.89	75.57 5.32 0.00	80.92 7.59 -1.61	83.19 6.91 -4.12	119.10 5.29 -56.82	78.61 3.53 -30.93	115.10 3.92 -47.58	71.37 3.74 -0.47
EAST_POINT___SOLAR 323840	53.64 3.42 0.00	52.46 3.28 0.00	44.17 2.72 -0.39	44.44 2.72 0.00	40.54 2.50 0.00	41.03 2.43 -1.07	38.41 2.42 0.00	43.22 1.30 -22.98	36.38 2.05 0.00	32.36 1.34 -0.08	60.52 1.07 -22.80	66.71 1.25 -28.86	52.57 1.78 -11.59	54.03 1.97 -12.33	77.96 2.47 -34.50	76.67 3.06 -28.58	90.93 3.99 -35.75	76.08 5.83 0.00	77.63 5.91 0.00	78.08 5.92 0.00	75.49 4.34 -14.16	77.45 3.31 -29.98	84.84 4.59 -16.63	72.61 4.82 -0.63
EAST_PULASKI___ESR 323781	49.02 -1.20 0.00	47.94 -1.24 0.00	40.01 -1.07 -0.02	40.66 -1.05 0.00	37.17 -0.87 0.00	36.70 -0.88 -0.06	35.06 -0.93 0.00	19.75 -0.53 -1.33	33.38 -0.95 0.00	30.16 -0.79 0.00	37.05 -0.83 -1.23	37.61 -0.66 -1.67	38.93 -0.94 -0.67	39.36 -1.08 -0.71	41.90 -1.08 -2.00	45.60 -1.09 -1.66	52.09 -1.18 -2.07	68.53 -1.72 0.00	70.24 -1.48 0.00	70.77 -1.39 0.00	56.77 -0.94 -0.73	44.88 -0.82 -1.54	63.17 -1.29 -0.86	65.71 -1.49 -0.03
EAST_RIVER___1 323558	53.18 2.96 0.00	52.07 2.88 0.00	43.57 2.21 -0.30	43.92 2.20 0.00	40.07 2.03 0.00	40.51 2.18 -0.81	38.21 2.21 0.00	37.50 1.28 -17.28	36.72 2.40 0.00	33.55 2.26 -0.34	67.32 2.77 -27.90	62.33 2.75 -22.98	57.55 2.94 -15.41	61.93 2.89 -19.31	69.69 2.76 -25.95	69.29 2.77 -21.49	81.43 3.34 -26.89	74.72 4.48 0.00	76.63 4.91 0.00	76.73 4.57 0.00	71.24 3.60 -10.65	69.48 2.77 -22.55	79.76 3.64 -12.51	71.35 3.71 -0.47
EAST_RIVER___2 323559	53.22 3.00 0.00	52.10 2.91 0.00	43.59 2.24 -0.30	43.95 2.23 0.00	40.09 2.06 0.00	40.53 2.20 -0.81	38.24 2.25 0.00	37.52 1.30 -17.28	36.76 2.43 0.00	33.59 2.30 -0.34	67.36 2.81 -27.90	62.38 2.80 -22.98	57.61 3.00 -15.41	61.98 2.94 -19.31	69.74 2.81 -25.95	69.37 2.84 -21.49	81.48 3.40 -26.89	74.83 4.59 0.00	76.68 4.96 0.00	76.79 4.63 0.00	71.33 3.69 -10.65	69.52 2.81 -22.55	79.72 3.60 -12.51	71.37 3.73 -0.47
EAST___DELAWARE_HYD 23607	52.94 2.72 0.00	51.84 2.66 0.00	43.37 2.05 -0.26	43.78 2.06 0.00	39.92 1.88 0.00	40.21 1.98 -0.71	38.02 2.03 0.00	35.38 1.18 -15.26	36.46 2.14 0.00	32.89 1.88 -0.05	52.46 2.17 -13.64	57.49 2.11 -18.77	47.19 2.25 -5.74	47.04 2.18 -5.14	66.16 2.27 -22.91	66.46 2.45 -18.98	78.07 3.13 -23.74	74.57 4.33 0.00	76.35 4.63 0.00	76.66 4.50 0.00	69.86 3.47 -9.40	66.64 2.58 -19.91	78.04 3.39 -11.05	71.04 3.45 -0.41
EIGHT_POINT___WT_PWR 323820	47.80 -2.41 0.00	46.51 -2.67 0.00	39.17 -1.94 -0.06	39.95 -1.77 0.00	36.51 -1.53 0.00	36.27 -1.40 -0.15	34.85 -1.14 0.00	21.55 -0.69 -3.29	33.20 -1.13 0.00	29.82 -1.14 0.00	37.86 -1.84 -3.05	39.98 -1.99 -5.37	38.85 -2.01 -1.65	39.47 -2.03 -1.77	51.37 -2.21 -12.59	60.57 -2.17 -17.70	61.00 -2.41 -12.22	67.43 -2.82 0.00	69.95 -3.53 -1.75	68.35 -3.82 0.00	63.81 -3.66 -10.47	45.60 -2.83 -4.28	62.36 -3.62 -2.37	63.74 -3.51 -0.09
ELBRIDGE_115KV_TB2 80188	49.74 -0.48 0.00	48.61 -0.57 0.00	40.64 -0.44 -0.03	41.23 -0.48 0.00	37.65 -0.38 0.00	37.26 -0.34 -0.08	35.68 -0.31 0.00	20.46 -0.24 -1.76	33.92 -0.41 0.00	30.55 -0.40 0.00	37.73 -0.55 -1.63	38.21 -0.59 -2.21	39.35 -0.73 -0.88	39.90 -0.77 -0.94	42.80 -0.82 -2.64	46.38 -0.83 -2.18	53.11 -0.82 -2.73	69.15 -1.10 0.00	70.61 -1.11 0.00	71.02 -1.14 0.00	56.97 -1.08 -1.07	45.54 -0.88 -2.26	63.67 -1.19 -1.26	65.85 -1.36 -0.05
ELEC_TRO_TEK 24086	53.23 3.01 0.00	52.18 3.00 0.00	43.50 2.15 -0.30	43.94 2.22 0.00	40.05 2.01 0.00	40.57 2.24 -0.81	38.27 2.28 0.00	37.52 1.29 -17.29	36.66 2.33 0.00	33.49 2.20 -0.34	67.18 2.68 -27.84	62.29 2.71 -22.98	57.37 2.82 -15.35	61.82 2.86 -19.23	69.89 2.95 -25.95	69.72 3.19 -21.50	81.85 3.76 -26.90	74.99 4.75 0.00	80.17 5.61 -2.84	84.51 5.08 -7.28	153.06 3.83 -92.25	84.59 2.89 -37.54	142.27 3.95 -74.72	71.49 3.86 -0.47

ELLENBURG_WT_PWR 323604	47.11 -3.11 0.00	26.81 -3.30 19.07	25.08 -2.82 13.16	19.57 -2.68 19.46	27.49 -2.71 7.83	24.14 -2.94 10.44	20.29 -2.53 13.18	3.11 -1.28 14.55	17.35 -2.36 14.62	25.67 -2.00 3.28	34.59 -2.05 0.00	35.62 -0.98 0.00	38.67 -0.54 0.00	39.56 -0.17 0.00	41.16 0.18 0.00	44.81 -0.22 0.00	51.10 -0.10 0.00	71.07 0.83 0.00	71.55 -0.17 0.00	72.34 0.17 0.00	56.83 -0.16 0.00	43.96 -0.20 0.00	64.86 1.25 0.00	68.84 1.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.62 -2.60 0.00	46.10 -3.08 0.00	38.86 -2.24 -0.04	39.58 -2.14 0.00	36.12 -1.92 0.00	35.67 -1.97 -0.12	34.15 -1.84 0.00	20.11 -1.34 -2.51	31.97 -2.36 0.00	28.90 -2.06 0.00	36.20 -2.77 -2.33	36.42 -2.90 -2.72	37.53 -2.93 -1.26	38.04 -3.03 -1.35	38.51 -3.54 -1.07	39.68 -3.67 1.68	48.32 -4.28 -1.41	65.00 -5.24 0.00	65.41 -5.69 0.62	66.68 -5.48 0.00	50.53 -5.01 1.44	43.62 -3.81 -3.27	60.94 -4.47 -1.81	63.55 -3.69 -0.07
EMPIRE_CC_1 323656	51.48 1.27 0.00	50.53 1.35 0.00	42.57 1.18 -0.34	42.89 1.17 0.00	39.17 1.13 0.00	39.59 1.15 -0.93	36.88 0.89 0.00	39.32 0.51 -19.87	35.25 0.92 0.00	31.99 0.90 -0.14	60.04 1.28 -22.11	63.12 1.33 -25.18	51.85 1.42 -11.24	53.64 1.46 -12.46	72.37 1.55 -29.83	71.34 1.60 -24.71	83.68 1.57 -30.91	72.28 2.04 0.00	73.76 2.03 0.00	74.32 2.16 0.00	71.14 1.91 -12.25	71.61 1.52 -25.93	80.39 2.40 -14.38	70.26 2.56 -0.54
EMPIRE_CC_2 323658	51.48 1.27 0.00	50.53 1.35 0.00	42.57 1.18 -0.34	42.89 1.17 0.00	39.17 1.13 0.00	39.59 1.15 -0.93	36.88 0.89 0.00	39.32 0.51 -19.87	35.25 0.92 0.00	31.99 0.90 -0.14	60.04 1.28 -22.11	63.12 1.33 -25.18	51.85 1.42 -11.24	53.64 1.46 -12.46	72.37 1.55 -29.83	71.34 1.60 -24.71	83.68 1.57 -30.91	72.28 2.04 0.00	73.76 2.03 0.00	74.32 2.16 0.00	71.14 1.91 -12.25	71.61 1.52 -25.93	80.39 2.40 -14.38	70.26 2.56 -0.54
ENORWICH_115KV_TB1 80156	53.74 3.53 0.00	52.41 3.23 0.00	44.04 2.90 -0.09	44.62 2.91 0.00	40.71 2.67 0.00	40.52 2.76 -0.24	38.83 2.84 0.00	25.51 1.50 -5.08	37.20 2.87 0.00	33.40 2.50 0.04	43.44 2.99 -3.81	45.82 2.78 -6.44	44.63 2.92 -2.51	45.27 2.82 -2.72	51.86 2.83 -8.04	55.48 3.39 -7.07	63.80 4.32 -8.29	76.71 6.46 0.00	78.14 6.32 -0.10	78.56 6.40 0.00	65.10 4.52 -3.59	53.94 3.18 -6.61	71.79 4.51 -3.67	72.06 4.75 -0.14
ERIE_ST__34_KV_TB1-2 80199	49.26 -0.96 0.00	47.65 -1.54 0.00	40.12 -0.98 -0.05	40.83 -0.88 0.00	37.26 -0.78 0.00	36.80 -0.84 -0.12	35.18 -0.81 0.00	20.76 -0.78 -2.60	33.06 -1.27 0.00	29.89 -1.07 0.00	37.41 -1.64 -2.41	37.75 -1.74 -2.89	38.87 -1.63 -1.31	39.33 -1.80 -1.40	40.32 -2.26 -1.60	41.95 -2.22 0.86	50.44 -2.66 -1.91	67.35 -2.90 0.00	68.01 -3.19 0.53	69.17 -2.99 0.00	52.99 -3.04 0.95	45.30 -2.23 -3.37	63.13 -2.35 -1.87	65.79 -1.45 -0.07
ERIE_WT_PWR 323693	48.03 -2.19 0.00	46.50 -2.69 0.00	38.57 -1.87 0.61	39.99 -1.73 0.00	36.27 -1.61 0.15	36.03 -1.61 -0.12	34.44 -1.55 0.00	20.34 -1.16 -2.57	32.32 -2.01 0.00	29.18 -1.77 0.00	36.58 -2.44 -2.38	36.85 -2.56 -2.81	37.91 -2.58 -1.29	38.44 -2.67 -1.38	39.15 -3.10 -1.27	40.44 -3.18 1.40	49.00 -3.80 -1.60	64.79 -4.60 0.85	62.61 -4.93 4.19	62.29 -4.68 5.19	45.54 -4.40 7.04	40.32 -3.26 0.58	57.54 -3.93 2.13	61.75 -2.97 2.45
ESPRGFLD_115KV_TB1 80157	52.40 2.19 0.00	51.26 2.08 0.00	42.82 1.76 0.00	43.46 1.74 0.00	39.60 1.56 0.00	38.94 1.42 0.00	37.50 1.51 0.00	19.75 0.81 0.00	35.78 1.45 0.00	32.18 1.22 0.00	38.01 1.36 0.00	37.95 1.35 0.00	40.75 1.55 0.00	41.22 1.49 0.00	42.60 1.62 0.00	46.87 1.84 0.00	53.45 2.25 0.00	73.57 3.33 0.00	75.11 3.39 0.00	75.59 3.43 0.00	59.39 2.40 0.00	45.93 1.77 0.00	66.11 2.50 0.00	69.87 2.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.10 0.88 0.00	49.89 0.71 0.00	41.73 0.61 -0.06	42.38 0.66 0.00	38.66 0.62 0.00	38.34 0.65 -0.17	36.67 0.68 0.00	22.91 0.33 -3.64	35.00 0.67 0.00	31.50 0.54 0.00	40.53 0.52 -3.37	41.65 0.37 -4.68	41.46 0.43 -1.82	42.06 0.38 -1.95	47.48 0.35 -6.14	51.37 0.60 -5.74	58.39 0.90 -6.29	71.64 1.40 0.00	73.25 1.37 -0.16	73.52 1.36 0.00	60.81 0.84 -2.99	49.44 0.55 -4.73	67.02 0.78 -2.63	68.00 0.73 -0.10
ETNA____115KV_TB2 80207	51.10 0.88 0.00	49.89 0.71 0.00	41.73 0.61 -0.06	42.38 0.66 0.00	38.66 0.62 0.00	38.34 0.65 -0.17	36.67 0.68 0.00	22.91 0.33 -3.64	35.00 0.67 0.00	31.50 0.54 0.00	40.53 0.52 -3.37	41.65 0.37 -4.68	41.46 0.43 -1.82	42.06 0.38 -1.95	47.48 0.35 -6.14	51.37 0.60 -5.74	58.39 0.90 -6.29	71.64 1.40 0.00	73.25 1.37 -0.16	73.52 1.36 0.00	60.81 0.84 -2.99	49.44 0.55 -4.73	67.02 0.78 -2.63	68.00 0.73 -0.10
EUCLID____115KV_TB2 356179	49.38 -0.84 0.00	48.28 -0.91 0.00	40.35 -0.73 -0.02	41.00 -0.72 0.00	37.41 -0.63 0.00	36.98 -0.60 -0.06	35.40 -0.59 0.00	19.97 -0.37 -1.40	33.65 -0.68 0.00	30.33 -0.63 0.00	37.15 -0.79 -1.30	37.53 -0.82 -1.76	38.96 -0.94 -0.70	39.45 -1.03 -0.75	41.97 -1.11 -2.10	45.63 -1.14 -1.74	52.12 -1.25 -2.18	68.60 -1.64 0.00	70.01 -1.72 0.00	70.41 -1.75 0.00	56.36 -1.47 -0.84	44.79 -1.16 -1.79	62.93 -1.67 -0.99	65.44 -1.77 -0.04
E_CANADA_CAP_HY 24051	52.70 2.48 0.00	51.57 2.39 0.00	43.46 2.00 -0.41	43.70 1.98 0.00	39.83 1.79 0.00	40.29 1.65 -1.11	37.63 1.64 0.00	43.65 0.86 -23.85	35.77 1.44 0.00	32.08 1.06 -0.06	61.06 1.03 -23.38	67.68 1.13 -29.95	52.65 1.43 -12.02	53.98 1.45 -12.80	78.62 1.84 -35.80	76.85 2.17 -29.65	90.94 2.64 -37.10	74.15 3.91 0.00	75.65 3.93 0.00	76.12 3.96 0.00	74.53 2.85 -14.70	77.50 2.23 -31.11	84.03 3.16 -17.26	71.30 3.49 -0.65
E_CANADA_MHWK_HY 24050	51.22 1.01 0.00	50.11 0.92 0.00	41.93 0.87 0.00	42.67 0.96 0.00	38.95 0.91 0.00	38.52 1.00 0.00	36.80 0.81 0.00	19.45 0.51 0.00	35.29 0.96 0.00	31.52 0.57 0.00	37.08 0.43 0.00	37.02 0.42 0.00	39.61 0.41 0.00	40.37 0.64 0.00	42.01 1.03 0.00	46.49 1.46 0.00	52.85 1.65 0.00	72.43 2.18 0.00	73.99 2.26 0.00	74.26 2.10 0.00	58.80 1.82 0.00	45.56 1.40 0.00	65.60 1.99 0.00	68.91 1.74 0.00
E_FISHKILL____LBMP 23776	52.54 2.32 0.00	51.48 2.30 0.00	43.09 1.74 -0.30	43.44 1.72 0.00	39.63 1.59 0.00	40.05 1.71 -0.82	37.70 1.71 0.00	37.51 1.00 -17.57	36.20 1.87 0.00	32.98 1.76 -0.27	62.00 2.20 -23.15	61.20 2.17 -22.42	52.31 2.30 -10.81	54.19 2.29 -12.17	69.62 2.25 -26.38	69.19 2.30 -21.86	81.33 2.79 -27.34	74.00 3.76 0.00	75.84 4.11 0.00	76.04 3.88 0.00	70.86 3.04 -10.83	69.42 2.33 -22.93	79.44 3.12 -12.72	70.82 3.17 -0.48
FALCON____SEABRD_CC1 323796	47.69 -2.53 0.00	27.19 -2.77 19.22	25.53 -2.26 13.26	20.04 -2.06 19.61	27.97 -2.18 7.89	24.62 -2.38 10.52	20.69 -2.02 13.28	3.27 -1.00 14.66	17.67 -1.92 14.73	26.07 -1.58 3.31	35.11 -1.54 0.00	36.17 -0.43 0.00	39.20 0.00 0.00	40.13 0.40 0.00	41.75 0.76 0.00	45.46 0.43 0.00	51.87 0.67 0.00	72.07 1.83 0.00	72.68 0.96 0.00	73.43 1.27 0.00	57.69 0.70 0.00	44.60 0.44 0.00	65.75 2.14 0.00	69.74 2.58 0.00

FALCON___SEABRD_CC2 323797	47.69 -2.53 0.00	27.19 -2.77 19.22	25.53 -2.26 13.26	20.04 -2.06 19.61	27.97 -2.18 7.89	24.62 -2.38 10.52	20.69 -2.02 13.28	3.27 -1.00 14.66	17.67 -1.92 14.73	26.07 -1.58 3.31	35.11 -1.54 0.00	36.17 -0.43 0.00	39.20 0.00 0.00	40.13 0.40 0.00	41.75 0.76 0.00	45.46 0.43 0.00	51.87 0.67 0.00	72.07 1.83 0.00	72.68 0.96 0.00	73.43 1.27 0.00	57.69 0.70 0.00	44.60 0.44 0.00	65.75 2.14 0.00	69.74 2.58 0.00
FAR ROCKAWAY___4 23548	53.87 3.66 0.00	52.79 3.61 0.00	44.00 2.65 -0.30	44.44 2.73 0.00	40.51 2.47 0.00	41.02 2.70 -0.81	38.71 2.72 0.00	37.74 1.51 -17.29	37.07 2.74 0.00	33.87 2.58 -0.34	67.64 3.15 -27.84	62.77 3.19 -22.98	57.90 3.34 -15.35	62.37 3.42 -19.23	70.49 3.56 -25.95	70.40 3.87 -21.50	82.64 4.55 -26.89	76.05 5.80 0.00	80.99 6.67 -2.60	84.96 6.13 -6.67	146.98 4.60 -85.39	84.05 3.47 -36.43	138.02 4.75 -69.66	72.32 4.68 -0.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.18 2.96 0.00	52.06 2.88 0.00	43.56 2.21 -0.30	43.92 2.20 0.00	40.06 2.03 0.00	40.50 2.17 -0.81	38.20 2.21 0.00	37.50 1.28 -17.28	36.72 2.39 0.00	33.55 2.26 -0.34	67.32 2.77 -27.90	62.32 2.74 -22.98	57.54 2.93 -15.41	61.92 2.89 -19.31	69.67 2.74 -25.95	69.28 2.76 -21.49	81.41 3.33 -26.89	74.70 4.46 0.00	76.63 4.90 0.00	76.73 4.57 0.00	71.25 3.61 -10.65	69.49 2.78 -22.55	79.77 3.65 -12.51	71.39 3.75 -0.47
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.20 2.99 0.00	52.09 2.91 0.00	43.58 2.22 -0.30	43.94 2.22 0.00	40.08 2.04 0.00	40.52 2.20 -0.81	38.21 2.22 0.00	37.51 1.28 -17.28	36.74 2.40 0.00	33.56 2.28 -0.34	67.33 2.79 -27.90	62.34 2.76 -22.98	57.56 2.95 -15.41	61.94 2.91 -19.31	69.70 2.77 -25.95	69.31 2.78 -21.49	81.45 3.37 -26.89	74.76 4.51 0.00	76.67 4.95 0.00	76.78 4.62 0.00	71.28 3.64 -10.65	69.52 2.81 -22.55	79.83 3.71 -12.51	71.43 3.80 -0.47
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.15 2.93 0.00	52.03 2.85 0.00	43.53 2.18 -0.30	43.90 2.18 0.00	40.04 2.01 0.00	40.48 2.16 -0.81	38.18 2.19 0.00	37.50 1.27 -17.28	36.70 2.37 0.00	33.53 2.24 -0.34	67.29 2.75 -27.90	62.31 2.73 -22.98	57.51 2.91 -15.41	61.90 2.86 -19.31	69.65 2.72 -25.95	69.25 2.72 -21.49	81.39 3.30 -26.89	74.68 4.43 0.00	76.57 4.85 0.00	76.67 4.51 0.00	71.21 3.57 -10.65	69.46 2.75 -22.55	79.75 3.63 -12.51	71.36 3.72 -0.47
FARRAGUT___LBMP 323566	53.12 2.90 0.00	52.00 2.82 0.00	43.51 2.16 -0.30	43.87 2.15 0.00	40.02 1.98 0.00	40.45 2.13 -0.81	38.15 2.16 0.00	37.48 1.25 -17.28	36.67 2.34 0.00	33.51 2.22 -0.34	67.27 2.72 -27.90	62.27 2.69 -22.98	57.48 2.88 -15.41	61.87 2.83 -19.31	69.62 2.69 -25.95	69.22 2.70 -21.49	81.35 3.26 -26.89	74.62 4.37 0.00	76.51 4.79 0.00	76.63 4.47 0.00	71.16 3.53 -10.65	69.43 2.72 -22.55	79.70 3.58 -12.51	71.30 3.66 -0.47
FENNER___WINDPWR 24204	50.56 0.35 0.00	51.72 0.35 -2.19	42.88 0.28 -1.54	44.28 0.33 -2.24	39.31 0.38 -0.90	39.21 0.40 -1.29	37.93 0.43 -1.51	22.80 0.24 -3.62	36.46 0.46 -1.68	31.70 0.37 -0.38	38.84 0.39 -1.80	39.45 0.40 -2.44	40.61 0.44 -0.98	41.16 0.38 -1.04	44.36 0.46 -2.92	48.06 0.61 -2.42	55.04 0.82 -3.03	71.37 1.13 0.00	72.88 1.16 0.00	73.25 1.09 0.00	58.99 0.80 -1.21	47.29 0.58 -2.55	65.79 0.77 -1.42	68.06 0.84 -0.05
FIBERTEK___ENERGY 23856	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04
FITZPATRICK____ 23598	48.70 -1.52 0.00	47.63 -1.55 0.00	39.81 -1.26 -0.02	40.45 -1.27 0.00	36.90 -1.13 0.00	36.46 -1.10 -0.05	34.92 -1.07 0.00	19.29 -0.63 -0.98	33.16 -1.17 0.00	29.89 -1.06 0.00	36.25 -1.31 -0.91	36.49 -1.34 -1.23	38.22 -1.47 -0.49	38.72 -1.54 -0.52	40.83 -1.62 -1.47	44.52 -1.73 -1.22	50.75 -1.97 -1.52	67.59 -2.65 0.00	68.96 -2.76 0.00	69.40 -2.77 0.00	55.32 -2.26 -0.60	43.66 -1.76 -1.26	61.78 -2.52 -0.70	64.55 -2.64 -0.03
FLOWRFLD_69_KV_BK1 356044	53.76 3.54 0.00	52.75 3.57 0.00	43.85 2.50 -0.30	44.45 2.74 0.00	40.53 2.49 0.00	41.10 2.78 -0.81	38.83 2.84 0.00	37.84 1.61 -17.29	37.08 2.76 0.00	33.84 2.55 -0.34	67.51 3.02 -27.84	62.65 3.07 -22.98	57.65 3.09 -15.35	62.12 3.16 -19.23	70.42 3.49 -25.95	70.62 4.09 -21.50	83.05 4.95 -26.89	76.23 5.99 0.00	80.67 7.33 -1.62	83.09 6.79 -4.14	119.21 5.18 -57.04	78.86 3.74 -30.97	116.62 5.27 -47.75	72.68 5.05 -0.47
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.31 3.10 0.00	52.22 3.04 0.00	43.69 2.34 -0.30	44.06 2.35 0.00	40.20 2.16 0.00	40.60 2.27 -0.81	38.27 2.28 0.00	37.58 1.30 -17.34	36.75 2.41 0.00	33.46 2.20 -0.31	61.65 2.69 -22.31	61.03 2.65 -21.78	50.98 2.82 -8.96	51.85 2.82 -9.31	69.86 2.84 -26.03	69.61 3.01 -21.56	81.86 3.69 -26.98	75.30 5.05 0.00	77.16 5.44 0.00	77.37 5.21 0.00	71.72 4.05 -10.69	69.84 3.05 -22.63	80.28 4.12 -12.55	71.81 4.17 -0.47
FORT ORANGE____ 23900	51.43 1.21 0.00	50.45 1.27 0.00	42.45 1.05 -0.35	42.77 1.06 0.00	39.00 0.96 0.00	39.42 0.94 -0.95	36.79 0.80 0.00	39.75 0.39 -20.42	35.10 0.77 0.00	31.78 0.71 -0.12	58.76 0.87 -21.24	63.13 0.88 -25.65	50.52 0.97 -10.34	51.78 1.09 -10.96	72.82 1.18 -30.66	71.77 1.35 -25.39	84.38 1.41 -31.77	72.37 2.13 0.00	73.80 2.07 0.00	74.23 2.07 0.00	71.36 1.79 -12.58	72.17 1.37 -26.64	80.42 2.03 -14.78	69.97 2.25 -0.56
FORT_DRUM_COGEN 23780	47.34 -2.88 0.00	-17.47 -2.71 63.94	-5.58 -2.53 44.11	-26.01 -2.47 65.26	9.56 -2.22 26.26	0.21 -2.35 34.96	-10.29 -2.10 44.18	-30.54 -1.02 48.45	-16.51 -1.82 49.02	18.41 -1.53 11.01	35.55 -1.41 -0.31	36.22 -0.81 -0.42	38.11 -1.26 -0.17	38.79 -1.12 -0.18	41.28 -0.20 -0.50	45.34 -0.11 -0.41	50.66 -1.06 -0.52	69.33 -0.91 0.00	71.78 0.06 0.00	72.76 0.60 0.00	58.47 0.96 -0.52	45.60 0.35 -1.10	64.68 0.47 -0.61	67.74 0.55 -0.02
FOX_HILLS___ESR 323835	53.12 2.91 0.00	52.03 2.85 0.00	43.69 2.33 -0.30	44.06 2.34 0.00	40.27 2.23 0.00	40.70 2.38 -0.81	38.35 2.36 0.00	37.56 1.34 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.39 2.86 -27.88	62.42 2.84 -22.98	57.56 2.96 -15.39	61.96 2.95 -19.29	69.66 2.73 -25.95	69.16 2.64 -21.49	81.33 3.24 -26.89	74.65 4.40 0.00	76.59 4.86 0.00	76.65 4.49 0.00	71.18 3.54 -10.65	69.43 2.72 -22.55	79.63 3.51 -12.51	71.32 3.68 -0.47
FPL FAR_ROCK_GT1 24212	53.87 3.66 0.00	52.79 3.61 0.00	44.00 2.65 -0.30	44.44 2.73 0.00	40.50 2.47 0.00	41.02 2.70 -0.81	38.71 2.72 0.00	37.74 1.51 -17.29	37.07 2.74 0.00	33.87 2.58 -0.34	67.64 3.15 -27.84	62.76 3.19 -22.98	57.90 3.35 -15.35	62.37 3.42 -19.23	70.49 3.55 -25.95	70.39 3.87 -21.50	82.64 4.55 -26.89	76.05 5.80 0.00	80.99 6.67 -2.60	84.96 6.13 -6.67	146.99 4.61 -85.39	84.05 3.47 -36.43	138.01 4.74 -69.66	72.31 4.67 -0.47

FPL FAR_ROCK_GT2 23815	53.87 3.66 0.00	52.79 3.61 0.00	44.00 2.65 -0.30	44.44 2.73 0.00	40.50 2.47 0.00	41.02 2.70 -0.81	38.71 2.72 0.00	37.74 1.51 -17.29	37.07 2.74 0.00	33.87 2.58 -0.34	67.64 3.15 -27.84	62.76 3.19 -22.98	57.90 3.35 -15.35	62.37 3.42 -19.23	70.49 3.55 -25.95	70.39 3.87 -21.50	82.64 4.55 -26.89	76.05 5.80 0.00	80.99 6.67 -2.60	84.96 6.13 -6.67	146.99 4.61 -85.39	84.05 3.47 -36.43	138.01 4.74 -69.66	72.31 4.67 -0.47
FRANKLIN_FALL_HYD 24054	47.87 -2.35 0.00	23.35 -2.62 23.21	22.81 -2.23 16.02	15.94 -2.09 23.69	26.37 -2.13 9.53	22.42 -2.39 12.71	18.01 -1.94 16.04	0.23 -1.00 17.71	14.73 -1.81 17.79	25.48 -1.48 4.00	35.21 -1.44 0.00	36.18 -0.42 0.00	39.19 -0.01 0.00	40.08 0.35 0.00	41.73 0.75 0.00	45.37 0.34 0.00	51.80 0.61 0.00	72.11 1.86 0.00	72.58 0.85 0.00	73.42 1.26 0.00	57.84 0.68 -0.17	44.89 0.37 -0.37	65.68 1.87 -0.20	69.70 2.52 -0.01
FREEPORT_EQUUS_GT1 23764	53.52 3.31 0.00	52.47 3.28 0.00	43.71 2.35 -0.30	44.16 2.44 0.00	40.24 2.20 0.00	40.77 2.45 -0.81	38.47 2.48 0.00	37.62 1.40 -17.29	36.83 2.51 0.00	33.63 2.34 -0.34	67.26 2.76 -27.84	62.38 2.80 -22.98	57.44 2.89 -15.35	61.89 2.94 -19.23	70.01 3.07 -25.95	69.93 3.40 -21.50	82.06 3.97 -26.89	75.10 4.85 0.00	79.77 5.89 -2.16	83.19 5.50 -5.53	133.61 3.94 -72.69	81.30 3.19 -33.95	127.82 4.41 -59.80	72.00 4.37 -0.47
FREEPORT___CT2 23818	53.52 3.31 0.00	52.47 3.28 0.00	43.71 2.35 -0.30	44.16 2.44 0.00	40.24 2.20 0.00	40.77 2.45 -0.81	38.47 2.48 0.00	37.62 1.40 -17.29	36.83 2.51 0.00	33.63 2.34 -0.34	67.26 2.76 -27.84	62.38 2.80 -22.98	57.44 2.89 -15.35	61.89 2.94 -19.23	70.01 3.07 -25.95	69.93 3.40 -21.50	82.06 3.97 -26.89	75.10 4.85 0.00	79.77 5.89 -2.16	83.19 5.50 -5.53	133.61 3.94 -72.69	81.30 3.19 -33.95	127.82 4.41 -59.80	72.00 4.37 -0.47
FRESHKLS_33_KV_LOAD 356253	53.13 2.91 0.00	52.04 2.86 0.00	43.78 2.43 -0.30	44.18 2.46 0.00	40.42 2.38 0.00	40.84 2.51 -0.81	38.45 2.46 0.00	37.61 1.38 -17.28	36.88 2.55 0.00	33.69 2.40 -0.34	67.44 2.91 -27.88	62.47 2.89 -22.98	57.56 2.97 -15.39	61.97 2.96 -19.29	69.67 2.73 -25.95	69.16 2.64 -21.49	81.37 3.29 -26.89	74.71 4.46 0.00	76.63 4.90 0.00	76.66 4.50 0.00	71.19 3.55 -10.65	69.43 2.72 -22.55	79.57 3.45 -12.51	71.23 3.60 -0.47
FULTON COGEN____ 23766	49.10 -1.12 0.00	48.00 -1.18 0.00	40.10 -0.98 -0.02	40.76 -0.96 0.00	37.19 -0.85 0.00	36.75 -0.83 -0.06	35.18 -0.81 0.00	19.79 -0.48 -1.33	33.43 -0.90 0.00	30.14 -0.82 0.00	36.88 -1.01 -1.23	37.23 -1.04 -1.67	38.66 -1.21 -0.67	39.15 -1.29 -0.71	41.62 -1.36 -2.00	45.31 -1.38 -1.65	51.78 -1.49 -2.07	68.30 -1.95 0.00	69.68 -2.04 0.00	70.08 -2.08 0.00	56.07 -1.70 -0.79	44.47 -1.37 -1.68	62.50 -2.04 -0.93	64.96 -2.24 -0.03
FULTON___LFGE 323630	53.11 2.89 0.00	51.99 2.81 0.00	43.77 2.33 -0.39	44.05 2.33 0.00	40.17 2.13 0.00	40.64 2.06 -1.06	38.02 2.03 0.00	42.80 1.10 -22.76	36.17 1.84 0.00	32.14 1.11 -0.08	60.32 1.01 -22.66	66.26 1.08 -28.59	52.06 1.37 -11.48	53.46 1.52 -12.22	77.26 2.10 -34.17	76.00 2.66 -28.31	89.97 3.37 -35.41	75.11 4.86 0.00	76.65 4.93 0.00	77.09 4.93 0.00	74.69 3.67 -14.03	76.66 2.80 -29.70	83.99 3.90 -16.48	71.89 4.10 -0.62
G.F.CEMENT___DRP 24184	53.71 3.49 0.00	52.57 3.39 0.00	44.27 2.85 -0.36	44.60 2.89 0.00	40.77 2.74 0.00	41.39 2.88 -0.99	38.73 2.74 0.00	41.56 1.48 -21.14	36.83 2.50 0.00	33.06 2.00 -0.10	60.36 2.07 -21.64	65.07 1.92 -26.55	52.07 2.18 -10.69	53.31 2.23 -11.34	75.20 2.49 -31.73	74.27 2.96 -26.29	87.65 3.57 -32.88	74.96 4.72 0.00	76.49 4.77 0.00	76.88 4.72 0.00	73.56 3.55 -13.03	74.46 2.72 -27.58	82.74 3.83 -15.30	71.59 3.85 -0.58
GARDENVILLE___LBMP 24039	47.84 -2.38 0.00	46.32 -2.87 0.00	39.05 -2.05 -0.04	39.78 -1.94 0.00	36.29 -1.75 0.00	35.86 -1.78 -0.12	34.32 -1.67 0.00	20.26 -1.24 -2.56	32.17 -2.15 0.00	29.08 -1.88 0.00	36.45 -2.57 -2.37	36.63 -2.70 -2.74	37.77 -2.72 -1.29	38.27 -2.83 -1.38	38.54 -3.32 -0.87	39.51 -3.42 2.10	48.43 -4.00 -1.23	65.42 -4.82 0.00	65.81 -5.23 0.68	67.13 -5.03 0.00	50.60 -4.67 1.71	43.95 -3.53 -3.32	61.30 -4.15 -1.85	63.90 -3.33 -0.07
GARDNVLA_35_KV_LD 355827	48.12 -2.10 0.00	46.58 -2.61 0.00	39.27 -1.83 -0.04	39.99 -1.72 0.00	36.49 -1.55 0.00	36.05 -1.59 -0.12	34.49 -1.49 0.00	20.36 -1.15 -2.57	32.34 -1.99 0.00	29.23 -1.72 0.00	36.64 -2.39 -2.38	36.93 -2.51 -2.83	37.99 -2.51 -1.29	38.52 -2.59 -1.38	39.30 -3.10 -1.42	40.70 -3.18 1.15	49.20 -3.73 -1.73	65.81 -4.43 0.00	66.37 -4.80 0.56	67.58 -4.58 0.00	51.54 -4.32 1.12	44.24 -3.25 -3.34	61.72 -3.74 -1.85	64.34 -2.89 -0.07
GELCKHM___115KV_LOAD 80723	49.59 -0.62 0.00	48.49 -0.69 0.00	40.52 -0.56 -0.03	41.16 -0.55 0.00	37.55 -0.49 0.00	37.14 -0.45 -0.07	35.56 -0.42 0.00	20.15 -0.28 -1.50	33.80 -0.52 0.00	30.46 -0.49 0.00	37.40 -0.63 -1.39	37.82 -0.66 -1.88	39.18 -0.77 -0.75	39.68 -0.85 -0.80	42.32 -0.91 -2.24	45.97 -0.92 -1.86	52.55 -0.97 -2.33	68.98 -1.27 0.00	70.39 -1.33 0.00	70.80 -1.37 0.00	56.71 -1.18 -0.90	45.13 -0.94 -1.92	63.31 -1.36 -1.06	65.73 -1.47 -0.04
GENERAL___MILLS 23808	48.06 -2.16 0.00	46.51 -2.67 0.00	39.21 -1.89 -0.04	39.95 -1.76 0.00	36.45 -1.59 0.00	36.00 -1.63 -0.12	34.46 -1.53 0.00	20.34 -1.17 -2.57	32.30 -2.03 0.00	29.19 -1.77 0.00	36.59 -2.44 -2.38	36.85 -2.56 -2.81	37.94 -2.55 -1.29	38.44 -2.67 -1.38	39.09 -3.17 -1.27	40.39 -3.24 1.40	49.00 -3.79 -1.60	65.70 -4.54 0.00	66.19 -4.93 0.59	67.45 -4.71 0.00	51.28 -4.42 1.28	44.17 -3.33 -3.33	61.60 -3.86 -1.85	64.22 -3.02 -0.07
GE_PLASTICS___DRP 24183	51.30 1.08 0.00	50.32 1.14 0.00	42.34 0.93 -0.35	42.65 0.94 0.00	38.90 0.86 0.00	39.33 0.86 -0.95	36.78 0.79 0.00	39.80 0.44 -20.42	35.17 0.84 0.00	31.86 0.79 -0.11	58.86 1.04 -21.17	63.32 1.07 -25.65	50.69 1.15 -10.34	51.90 1.22 -10.96	72.90 1.26 -30.66	71.81 1.38 -25.40	84.43 1.46 -31.77	72.33 2.08 0.00	73.81 2.09 0.00	74.27 2.11 0.00	71.33 1.76 -12.59	72.18 1.38 -26.65	80.40 2.01 -14.78	69.92 2.20 -0.56
GILBOA___1 23756	51.81 1.60 0.00	50.93 1.74 0.00	42.74 1.41 -0.28	43.13 1.41 0.00	39.20 1.16 0.00	39.22 0.95 -0.75	36.90 0.91 0.00	35.60 0.53 -16.14	35.31 0.98 0.00	31.92 0.91 -0.05	53.81 1.13 -16.03	57.98 1.11 -20.27	48.53 1.18 -8.14	49.57 1.18 -8.66	66.41 1.19 -24.23	66.37 1.27 -20.07	77.66 1.36 -25.11	71.89 1.64 0.00	73.48 1.76 0.00	74.10 1.94 0.00	68.48 1.54 -9.94	66.49 1.28 -21.05	77.04 1.75 -11.68	69.43 1.83 -0.44
GILBOA___2 23757	51.81 1.60 0.00	50.93 1.74 0.00	42.74 1.41 -0.28	43.13 1.41 0.00	39.20 1.16 0.00	39.22 0.95 -0.75	36.90 0.91 0.00	35.60 0.53 -16.14	35.31 0.98 0.00	31.92 0.91 -0.05	53.81 1.13 -16.03	57.98 1.11 -20.27	48.53 1.18 -8.14	49.57 1.18 -8.66	66.41 1.19 -24.23	66.37 1.27 -20.07	77.66 1.36 -25.11	71.89 1.64 0.00	73.48 1.76 0.00	74.10 1.94 0.00	68.48 1.54 -9.94	66.49 1.28 -21.05	77.04 1.75 -11.68	69.43 1.83 -0.44

GILBOA___3 23758	51.81 1.60 0.00	50.93 1.74 0.00	42.74 1.41 -0.28	43.13 1.41 0.00	39.20 1.16 0.00	39.22 0.95 -0.75	36.90 0.91 0.00	35.60 0.53 -16.14	35.31 0.98 0.00	31.92 0.91 -0.05	53.81 1.13 -16.03	57.98 1.11 -20.27	48.53 1.18 -8.14	49.57 1.18 -8.66	66.41 1.19 -24.23	66.37 1.27 -20.07	77.66 1.36 -25.11	71.89 1.64 0.00	73.48 1.76 0.00	74.10 1.94 0.00	68.48 1.54 -9.94	66.49 1.28 -21.05	77.04 1.75 -11.68	69.43 1.83 -0.44
GILBOA___4 23759	51.81 1.60 0.00	50.93 1.74 0.00	42.74 1.41 -0.28	43.13 1.41 0.00	39.20 1.16 0.00	39.22 0.95 -0.75	36.90 0.91 0.00	35.60 0.53 -16.14	35.31 0.98 0.00	31.92 0.91 -0.05	53.81 1.13 -16.03	57.98 1.11 -20.27	48.53 1.18 -8.14	49.57 1.18 -8.66	66.41 1.19 -24.23	66.37 1.27 -20.07	77.66 1.36 -25.11	71.89 1.64 0.00	73.48 1.76 0.00	74.10 1.94 0.00	68.48 1.54 -9.94	66.49 1.28 -21.05	77.04 1.75 -11.68	69.43 1.83 -0.44
GILBOA___ 23599	51.81 1.59 0.00	50.93 1.75 0.00	42.74 1.41 -0.28	43.12 1.41 0.00	39.20 1.16 0.00	39.21 0.94 -0.75	36.90 0.91 0.00	35.60 0.52 -16.14	35.31 0.98 0.00	31.92 0.91 -0.05	53.81 1.13 -16.03	57.97 1.11 -20.27	48.53 1.18 -8.14	49.57 1.18 -8.66	66.41 1.20 -24.23	66.37 1.27 -20.07	77.66 1.36 -25.11	71.89 1.64 0.00	73.48 1.76 0.00	74.10 1.94 0.00	68.48 1.54 -9.94	66.49 1.28 -21.05	77.04 1.75 -11.68	69.44 1.83 -0.44
GINNA___ 23603	46.68 -3.54 0.00	45.42 -3.76 0.00	37.83 -3.01 0.21	38.69 -3.02 0.00	35.28 -2.70 0.06	34.93 -2.68 -0.09	33.47 -2.53 0.00	19.33 -1.48 -1.88	31.63 -2.70 0.00	28.52 -2.44 0.00	35.33 -3.06 -1.74	35.77 -3.19 -2.36	36.67 -3.48 -0.94	37.36 -3.38 -1.01	40.23 -3.57 -2.82	43.59 -3.77 -2.33	49.94 -4.17 -2.92	64.53 -5.40 0.32	64.62 -5.77 1.34	64.49 -5.74 1.93	51.08 -4.92 0.99	41.28 -3.85 -0.97	58.25 -5.22 0.13	61.12 -5.16 0.88
GLEN PARK___ 23778	48.60 -1.62 0.00	47.50 -1.68 0.00	39.47 -1.61 -0.02	40.14 -1.58 0.00	36.88 -1.16 0.00	36.33 -1.24 -0.05	34.58 -1.40 0.00	19.56 -0.71 -1.34	33.09 -1.24 0.00	30.02 -0.94 0.00	37.33 -0.56 -1.24	38.39 0.11 -1.68	39.34 -0.53 -0.67	39.51 -0.93 -0.72	42.37 -0.63 -2.01	46.30 -0.40 -1.66	53.07 -0.21 -2.08	69.53 -0.71 0.00	72.08 0.36 0.00	72.88 0.72 0.00	58.71 1.18 -0.54	45.79 0.50 -1.14	64.90 0.66 -0.63	67.86 0.68 -0.02
GLENDALE_27_KV_LOAD 356172	53.28 3.06 0.00	52.18 3.00 0.00	43.69 2.34 -0.30	44.03 2.32 0.00	40.19 2.15 0.00	40.61 2.29 -0.81	38.33 2.34 0.00	37.57 1.35 -17.28	36.86 2.53 0.00	33.69 2.40 -0.34	67.42 2.89 -27.88	62.49 2.90 -22.98	57.71 3.12 -15.39	62.10 3.09 -19.29	69.82 2.89 -25.95	69.42 2.89 -21.49	81.55 3.46 -26.89	74.95 4.71 0.00	76.87 5.15 0.00	76.97 4.81 0.00	71.47 3.83 -10.65	69.69 2.98 -22.55	80.01 3.89 -12.51	71.69 4.05 -0.47
GLENWOOD_IC_1_G5 23712	53.31 3.09 0.00	52.26 3.08 0.00	43.60 2.25 -0.30	44.01 2.30 0.00	40.12 2.09 0.00	40.60 2.28 -0.81	38.29 2.30 0.00	37.54 1.32 -17.29	36.74 2.41 0.00	33.55 2.26 -0.34	67.26 2.77 -27.84	62.35 2.77 -22.98	57.46 2.90 -15.35	61.88 2.93 -19.23	69.90 2.96 -25.95	69.68 3.15 -21.50	81.86 3.77 -26.90	75.12 4.87 0.00	80.09 5.59 -2.78	84.43 5.15 -7.13	151.51 3.94 -90.58	84.38 2.98 -37.24	141.10 4.05 -73.45	71.66 4.03 -0.47
GLENWOOD_IC_2_G1 23688	53.10 2.88 0.00	52.03 2.85 0.00	43.45 2.10 -0.30	43.84 2.13 0.00	39.98 1.94 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.46 1.23 -17.29	36.59 2.26 0.00	33.42 2.13 -0.34	67.11 2.62 -27.84	62.18 2.61 -22.98	57.29 2.74 -15.35	61.69 2.74 -19.23	69.68 2.74 -25.95	69.41 2.88 -21.50	81.52 3.43 -26.89	74.73 4.48 0.00	76.92 5.08 -0.12	77.16 4.69 -0.31	74.70 3.63 -14.08	70.10 2.76 -23.19	82.44 3.70 -15.13	71.34 3.70 -0.47
GLENWOOD_IC_3_G1 23689	53.10 2.88 0.00	52.03 2.85 0.00	43.45 2.10 -0.30	43.84 2.13 0.00	39.98 1.94 0.00	40.43 2.11 -0.81	38.14 2.15 0.00	37.46 1.23 -17.29	36.59 2.26 0.00	33.42 2.13 -0.34	67.11 2.62 -27.84	62.18 2.61 -22.98	57.29 2.74 -15.35	61.69 2.74 -19.23	69.68 2.74 -25.95	69.41 2.88 -21.50	81.52 3.43 -26.89	74.73 4.48 0.00	76.92 5.08 -0.12	77.16 4.69 -0.31	74.70 3.63 -14.08	70.10 2.76 -23.19	82.44 3.70 -15.13	71.34 3.70 -0.47
GLENWOOD___4 23550	53.31 3.09 0.00	52.26 3.08 0.00	43.60 2.25 -0.30	44.01 2.30 0.00	40.12 2.09 0.00	40.60 2.28 -0.81	38.29 2.30 0.00	37.54 1.32 -17.29	36.74 2.41 0.00	33.55 2.26 -0.34	67.26 2.77 -27.84	62.35 2.77 -22.98	57.46 2.90 -15.35	61.88 2.93 -19.23	69.90 2.96 -25.95	69.68 3.15 -21.50	81.86 3.77 -26.90	75.12 4.87 0.00	80.09 5.59 -2.78	84.43 5.15 -7.13	151.51 3.94 -90.58	84.38 2.98 -37.24	141.10 4.05 -73.45	71.66 4.03 -0.47
GLENWOOD___5 23614	53.31 3.09 0.00	52.26 3.08 0.00	43.60 2.25 -0.30	44.01 2.30 0.00	40.12 2.09 0.00	40.60 2.28 -0.81	38.29 2.30 0.00	37.54 1.32 -17.29	36.74 2.41 0.00	33.55 2.26 -0.34	67.26 2.77 -27.84	62.35 2.77 -22.98	57.46 2.90 -15.35	61.88 2.93 -19.23	69.90 2.96 -25.95	69.68 3.15 -21.50	81.86 3.77 -26.90	75.12 4.87 0.00	80.09 5.59 -2.78	84.43 5.15 -7.13	151.51 3.94 -90.58	84.38 2.98 -37.24	141.10 4.05 -73.45	71.66 4.03 -0.47
GLOBAL GREEN_PORT_GT1 23814	53.48 3.26 0.00	52.37 3.19 0.00	43.48 2.13 -0.30	44.46 2.74 0.00	40.83 2.80 0.00	41.53 3.21 -0.81	39.27 3.28 0.00	38.07 1.84 -17.29	37.16 2.84 0.00	33.87 2.58 -0.34	67.34 2.85 -27.84	62.28 2.71 -22.98	57.26 2.70 -15.35	61.65 2.70 -19.23	70.03 3.09 -25.95	70.45 3.93 -21.50	83.31 5.23 -26.89	76.32 6.07 0.00	81.40 8.07 -1.61	83.74 7.46 -4.12	119.50 5.69 -56.82	78.98 3.90 -30.93	115.98 4.79 -47.58	72.23 4.59 -0.47
GLOBE___DSASP 323697	46.12 -4.10 0.00	44.60 -4.58 0.00	37.58 -3.51 -0.04	38.26 -3.46 0.00	34.92 -3.12 0.00	34.41 -3.22 -0.11	32.98 -3.01 0.00	19.30 -2.02 -2.38	30.71 -3.62 0.00	27.77 -3.18 0.00	34.74 -4.11 -2.20	35.02 -4.25 -2.67	36.08 -4.31 -1.20	36.60 -4.41 -1.28	37.54 -5.02 -1.58	39.14 -5.31 0.59	46.91 -6.14 -1.85	62.30 -7.95 0.00	62.78 -8.49 0.46	63.97 -8.19 0.00	49.21 -7.03 0.75	41.72 -5.52 -3.09	58.72 -6.60 -1.71	61.42 -5.82 -0.06
GOETHSLN___LBMP 323567	52.93 2.71 0.00	51.83 2.65 0.00	43.33 1.98 -0.30	43.67 1.95 0.00	39.83 1.80 0.00	40.28 1.96 -0.81	37.99 2.01 0.00	37.40 1.18 -17.28	36.51 2.18 0.00	33.36 2.07 -0.34	67.07 2.53 -27.90	62.08 2.50 -22.98	57.25 2.65 -15.41	61.63 2.60 -19.31	69.36 2.43 -25.95	68.95 2.42 -21.49	81.03 2.95 -26.89	74.20 3.95 0.00	76.11 4.39 0.00	76.19 4.03 0.00	70.84 3.20 -10.65	69.17 2.46 -22.55	79.31 3.20 -12.51	70.89 3.26 -0.47
GOLAH___69_KV_TB 1_2 80279	48.74 -1.48 0.00	47.34 -1.84 0.00	39.71 -1.38 -0.03	40.39 -1.32 0.00	36.87 -1.18 0.00	36.40 -1.21 -0.09	34.90 -1.09 0.00	20.09 -0.81 -1.96	32.89 -1.44 0.00	29.66 -1.30 0.00	36.65 -1.82 -1.81	36.97 -2.03 -2.40	38.11 -2.07 -0.98	38.75 -2.03 -1.05	41.34 -2.21 -2.57	44.58 -2.22 -1.77	51.47 -2.43 -2.70	67.41 -2.84 0.00	68.43 -3.20 0.09	69.06 -3.10 0.00	54.80 -2.97 -0.79	44.33 -2.37 -2.54	62.20 -2.81 -1.41	64.71 -2.51 -0.05

GOODYEAR_LAKE_HYD 323669	52.21 1.99 0.00	51.10 1.92 0.00	42.76 1.62 -0.09	43.34 1.62 0.00	39.47 1.43 0.00	39.11 1.35 -0.24	37.39 1.40 0.00	24.78 0.77 -5.07	35.77 1.44 0.00	32.25 1.29 0.00	42.87 1.53 -4.69	44.42 1.46 -6.37	43.32 1.58 -2.54	43.96 1.51 -2.72	50.12 1.53 -7.61	53.02 1.68 -6.30	61.12 2.04 -7.89	73.10 2.86 0.00	74.68 2.96 0.00	75.14 2.98 0.00	62.28 2.17 -3.12	52.36 1.59 -6.61	69.47 2.20 -3.67	69.59 2.29 -0.14
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.65 0.43 0.00	49.41 0.23 0.00	41.35 0.20 -0.09	42.00 0.28 0.00	38.27 0.23 0.00	38.00 0.24 -0.25	36.23 0.24 0.00	24.38 0.14 -5.30	34.65 0.32 0.00	31.14 0.23 0.05	40.78 0.18 -3.96	43.43 0.17 -6.65	42.01 0.19 -2.62	42.71 0.13 -2.84	49.04 0.10 -7.95	51.85 0.23 -6.59	59.73 0.30 -8.24	70.68 0.43 0.00	72.13 0.40 0.00	72.55 0.39 0.00	60.37 0.12 -3.26	51.11 0.05 -6.90	67.62 0.19 -3.83	67.45 0.14 -0.14
GOUDEY___7 23579	50.65 0.43 0.00	49.41 0.23 0.00	41.35 0.20 -0.09	42.00 0.28 0.00	38.27 0.23 0.00	38.00 0.24 -0.25	36.23 0.24 0.00	24.38 0.14 -5.30	34.65 0.32 0.00	31.14 0.23 0.05	40.78 0.18 -3.96	43.43 0.17 -6.65	42.01 0.19 -2.62	42.71 0.13 -2.84	49.04 0.10 -7.95	51.85 0.23 -6.59	59.73 0.30 -8.24	70.68 0.43 0.00	72.13 0.40 0.00	72.55 0.39 0.00	60.37 0.12 -3.26	51.11 0.05 -6.90	67.62 0.19 -3.83	67.45 0.14 -0.14
GOUDEY___8 23580	50.65 0.43 0.00	49.41 0.23 0.00	41.35 0.20 -0.09	42.00 0.28 0.00	38.27 0.23 0.00	38.00 0.24 -0.25	36.23 0.24 0.00	24.38 0.14 -5.30	34.65 0.32 0.00	31.14 0.23 0.05	40.78 0.18 -3.96	43.43 0.17 -6.65	42.01 0.19 -2.62	42.71 0.13 -2.84	49.04 0.10 -7.95	51.85 0.23 -6.59	59.73 0.30 -8.24	70.68 0.43 0.00	72.13 0.40 0.00	72.55 0.39 0.00	60.37 0.12 -3.26	51.11 0.05 -6.90	67.62 0.19 -3.83	67.45 0.14 -0.14
GOWANUS_GT1_1 24077	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_2 24078	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_3 24079	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_4 24080	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_5 24084	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_6 24111	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_7 24112	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT1_8 24113	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GOWANUS_GT2_1 24114	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_2 24115	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_3 24116	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47

GOWANUS_GT2_4 24117	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_5 24118	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_6 24119	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_7 24120	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT2_8 24121	53.18 2.97 0.00	52.08 2.90 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.28 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.98 2.96 -19.29	69.69 2.76 -25.95	69.23 2.71 -21.49	81.39 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.30 3.66 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.45 3.81 -0.47
GOWANUS_GT3_1 24122	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_2 24123	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_3 24124	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_4 24125	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_5 24126	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_6 24127	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_7 24128	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT3_8 24129	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
GOWANUS_GT4_1 24130	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_2 24131	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47

GOWANUS_GT4_3 24132	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_4 24133	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_5 24134	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_6 24135	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_7 24136	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GOWANUS_GT4_8 24137	53.18 2.97 0.00	52.07 2.89 0.00	43.63 2.28 -0.30	43.99 2.27 0.00	40.16 2.13 0.00	40.60 2.27 -0.81	38.28 2.29 0.00	37.54 1.32 -17.28	36.80 2.47 0.00	33.63 2.34 -0.34	67.37 2.84 -27.88	62.41 2.83 -22.98	57.58 2.98 -15.39	61.97 2.96 -19.29	69.69 2.75 -25.95	69.23 2.70 -21.49	81.40 3.31 -26.89	74.74 4.49 0.00	76.68 4.96 0.00	76.78 4.62 0.00	71.29 3.65 -10.65	69.53 2.82 -22.55	79.76 3.64 -12.51	71.46 3.82 -0.47
GREENBSH_115KV_TB3 55895	51.06 0.84 0.00	50.08 0.90 0.00	42.17 0.76 -0.35	42.47 0.75 0.00	38.75 0.71 0.00	39.20 0.72 -0.96	36.64 0.65 0.00	39.81 0.36 -20.51	35.05 0.72 0.00	31.75 0.69 -0.11	58.93 1.00 -21.28	63.38 1.02 -25.76	50.70 1.12 -10.38	51.92 1.19 -11.01	73.00 1.23 -30.79	71.89 1.36 -25.50	84.44 1.34 -31.90	72.26 2.02 0.00	73.68 1.96 0.00	74.16 1.99 0.00	71.35 1.73 -12.64	72.26 1.34 -26.76	80.48 2.03 -14.85	69.99 2.26 -0.56
GREENDGE_115KV_TB5 80291	49.80 -0.41 0.00	48.55 -0.63 0.00	40.64 -0.47 -0.05	41.38 -0.33 0.00	37.75 -0.29 0.00	37.43 -0.23 -0.15	35.87 -0.12 0.00	22.02 -0.10 -3.18	34.20 -0.13 0.00	30.70 -0.25 0.00	38.95 -0.64 -2.95	40.41 -0.71 -4.53	40.05 -0.75 -1.60	40.64 -0.79 -1.71	48.14 -0.93 -8.09	54.11 -0.77 -9.85	58.61 -0.60 -8.02	69.78 -0.47 0.00	71.83 -0.65 -0.76	71.45 -0.71 0.00	61.65 -0.94 -5.62	47.60 -0.69 -4.13	64.89 -1.01 -2.29	66.20 -1.05 -0.09
GREENIDGE___3 23582	49.80 -0.41 0.00	48.55 -0.63 0.00	40.64 -0.47 -0.05	41.38 -0.33 0.00	37.75 -0.29 0.00	37.43 -0.23 -0.15	35.87 -0.12 0.00	22.02 -0.10 -3.18	34.20 -0.13 0.00	30.70 -0.25 0.00	38.95 -0.64 -2.95	40.41 -0.71 -4.53	40.05 -0.75 -1.60	40.64 -0.79 -1.71	48.14 -0.93 -8.09	54.11 -0.77 -9.85	58.61 -0.60 -8.02	69.78 -0.47 0.00	71.83 -0.65 -0.76	71.45 -0.71 0.00	61.65 -0.94 -5.62	47.60 -0.69 -4.13	64.89 -1.01 -2.29	66.20 -1.05 -0.09
GREENIDGE___4 23583	49.81 -0.41 0.00	48.54 -0.64 0.00	40.76 -0.47 -0.17	41.38 -0.33 0.00	37.77 -0.29 -0.03	37.44 -0.23 -0.15	35.87 -0.12 0.00	22.01 -0.10 -3.18	34.21 -0.12 0.00	30.70 -0.25 0.00	38.95 -0.64 -2.95	40.41 -0.72 -4.53	40.05 -0.75 -1.60	40.64 -0.80 -1.71	48.14 -0.93 -8.09	54.12 -0.76 -9.85	58.60 -0.61 -8.02	69.92 -0.47 -0.15	72.45 -0.64 -1.37	72.34 -0.70 -0.88	62.63 -0.94 -6.59	48.26 -0.69 -4.80	65.54 -1.04 -2.97	66.63 -1.05 -0.51
GREENLWN_69_KV_BK 3 55738	53.11 2.89 0.00	52.14 2.96 0.00	43.37 2.02 -0.30	43.85 2.13 0.00	39.95 1.91 0.00	40.50 2.17 -0.81	38.21 2.22 0.00	37.50 1.28 -17.29	36.58 2.25 0.00	33.40 2.11 -0.34	67.12 2.63 -27.84	62.27 2.69 -22.98	57.27 2.71 -15.35	61.77 2.81 -19.23	69.91 2.97 -25.95	69.88 3.35 -21.50	82.04 3.95 -26.89	75.04 4.80 0.00	79.27 5.91 -1.65	81.75 5.38 -4.21	118.99 4.12 -57.89	78.26 2.99 -31.12	116.16 4.16 -48.39	71.63 4.00 -0.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47
GRISSOM___SOLAR 323813	53.05 2.84 0.00	51.95 2.77 0.00	43.73 2.28 -0.39	44.00 2.29 0.00	40.15 2.11 0.00	40.62 2.04 -1.05	38.00 2.01 0.00	42.59 1.09 -22.56	36.13 1.80 0.00	32.01 0.98 -0.08	60.06 0.89 -22.52	65.87 0.94 -28.34	51.81 1.22 -11.39	53.25 1.41 -12.11	76.86 2.00 -33.87	75.68 2.59 -28.06	89.62 3.32 -35.10	75.00 4.75 0.00	76.53 4.81 0.00	76.98 4.82 0.00	74.51 3.62 -13.90	76.37 2.78 -29.44	83.78 3.85 -16.33	71.80 4.02 -0.61
GROVEVILLE___HYD 323602	53.31 3.10 0.00	52.22 3.04 0.00	43.69 2.34 -0.30	44.06 2.35 0.00	40.20 2.16 0.00	40.60 2.27 -0.81	38.27 2.28 0.00	37.58 1.30 -17.34	36.75 2.41 0.00	33.46 2.20 -0.31	61.65 2.69 -22.31	61.03 2.65 -21.78	50.98 2.82 -8.96	51.85 2.82 -9.31	69.86 2.84 -26.03	69.61 3.01 -21.56	81.86 3.69 -26.98	75.30 5.05 0.00	77.16 5.44 0.00	77.37 5.21 0.00	71.72 4.05 -10.69	69.84 3.05 -22.63	80.28 4.12 -12.55	71.81 4.17 -0.47
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04

HAMLTNNY_34_KV_TB 80303	49.97 -0.25 0.00	48.84 -0.34 0.00	40.83 -0.26 -0.03	41.43 -0.28 0.00	37.84 -0.20 0.00	37.43 -0.17 -0.08	35.86 -0.13 0.00	20.56 -0.14 -1.76	34.10 -0.23 0.00	30.71 -0.25 0.00	37.92 -0.36 -1.63	38.40 -0.42 -2.21	39.52 -0.56 -0.88	40.10 -0.58 -0.95	42.99 -0.64 -2.65	46.61 -0.61 -2.19	53.40 -0.53 -2.74	69.57 -0.67 0.00	71.04 -0.68 0.00	71.47 -0.69 0.00	57.29 -0.77 -1.07	45.81 -0.62 -2.27	64.03 -0.84 -1.26	66.20 -1.01 -0.05
HAMPSHIRE___PAPER_HYD 323593	47.32 -2.90 0.00	-2.12 -2.87 48.43	5.06 -2.59 33.41	-10.21 -2.50 49.42	15.80 -2.35 19.89	8.46 -2.57 26.49	0.33 -2.20 33.46	-18.86 -1.11 36.69	-4.80 -2.00 37.12	20.99 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.29 -0.10 -0.40	45.09 -0.27 -0.33	50.85 -0.76 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.35 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.83 0.86 -0.37	68.43 1.26 -0.01
HARDSCRABBLE_WT_PWR 323673	50.94 0.73 0.00	49.82 0.64 0.00	41.72 0.67 0.00	42.48 0.77 0.00	38.78 0.74 0.00	38.31 0.79 0.00	36.64 0.65 0.00	19.36 0.42 0.00	35.11 0.79 0.00	31.45 0.50 0.00	37.02 0.37 0.00	36.97 0.37 0.00	39.55 0.35 0.00	40.28 0.55 0.00	41.88 0.90 0.00	46.26 1.23 0.00	52.55 1.35 0.00	72.01 1.77 0.00	73.51 1.79 0.00	73.79 1.63 0.00	58.40 1.42 0.00	45.25 1.09 0.00	65.22 1.61 0.00	68.64 1.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.89 2.67 0.00	51.79 2.60 0.00	43.30 1.96 -0.28	43.65 1.94 0.00	39.83 1.80 0.00	40.21 1.93 -0.76	37.95 1.96 0.00	36.42 1.13 -16.35	36.41 2.08 0.00	33.27 1.89 -0.42	55.47 2.27 -16.55	57.51 2.16 -18.74	41.01 2.30 0.50	36.73 2.29 5.29	67.84 2.32 -24.54	67.73 2.37 -20.33	79.54 2.92 -25.43	74.25 4.01 0.00	76.07 4.35 0.00	76.27 4.12 0.00	70.28 3.22 -10.07	67.93 2.45 -21.33	78.66 3.22 -11.83	70.87 3.26 -0.45
HARSNRAD_115KV_TB1 81005	47.04 -3.18 0.00	45.59 -3.60 0.00	38.37 -2.73 -0.04	39.10 -2.61 0.00	35.68 -2.36 0.00	35.20 -2.43 -0.11	33.67 -2.32 0.00	19.64 -1.65 -2.34	31.41 -2.92 0.00	28.38 -2.57 0.00	35.37 -3.45 -2.17	35.63 -3.59 -2.62	36.88 -3.50 -1.18	37.29 -3.69 -1.26	38.38 -4.14 -1.54	40.12 -4.30 0.61	47.97 -5.04 -1.81	63.88 -6.36 0.00	64.40 -6.87 0.45	65.48 -6.68 0.00	50.29 -5.94 0.75	42.58 -4.62 -3.04	59.64 -5.65 -1.69	62.22 -5.01 -0.06
HARZA MOOSE___RIVER 24016	48.98 -1.24 0.00	44.25 -1.07 3.86	37.37 -1.03 2.65	36.79 -0.99 3.93	35.62 -0.84 1.58	34.52 -0.91 2.09	32.56 -0.76 2.66	16.06 -0.33 2.54	30.78 -0.59 2.96	29.75 -0.54 0.66	36.62 -0.40 -0.37	37.03 -0.07 -0.50	39.12 -0.29 -0.20	39.71 -0.24 -0.21	41.98 0.39 -0.60	46.10 0.57 -0.50	51.83 0.00 -0.62	70.61 0.37 0.00	72.73 1.01 0.00	73.42 1.26 0.00	58.60 1.28 -0.34	45.73 0.84 -0.73	65.26 1.25 -0.40	68.60 1.42 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	49.62 -0.60 0.00	48.51 -0.67 0.00	40.55 -0.53 -0.03	41.20 -0.52 0.00	37.58 -0.46 0.00	37.17 -0.42 -0.07	35.58 -0.41 0.00	20.18 -0.27 -1.51	33.83 -0.50 0.00	30.48 -0.47 0.00	37.42 -0.63 -1.40	37.84 -0.66 -1.90	39.21 -0.75 -0.76	39.68 -0.86 -0.81	42.31 -0.94 -2.27	45.96 -0.95 -1.88	52.53 -1.01 -2.35	68.94 -1.31 0.00	70.34 -1.38 0.00	70.76 -1.40 0.00	56.70 -1.21 -0.92	45.13 -0.97 -1.94	63.27 -1.41 -1.08	65.71 -1.50 -0.04
HELLGATE_13_KV_LD 55870	53.03 2.82 0.00	51.95 2.77 0.00	43.51 2.16 -0.30	43.86 2.14 0.00	40.03 1.99 0.00	40.46 2.13 -0.81	38.18 2.19 0.00	37.49 1.27 -17.28	36.72 2.38 0.00	33.57 2.28 -0.34	67.25 2.72 -27.88	62.31 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.61 2.67 -25.95	69.18 2.65 -21.49	81.28 3.19 -26.89	74.54 4.30 0.00	76.45 4.72 0.00	76.55 4.39 0.00	71.16 3.52 -10.65	69.46 2.75 -22.55	79.69 3.57 -12.51	71.41 3.78 -0.47
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.03 2.82 0.00	51.95 2.77 0.00	43.51 2.16 -0.30	43.86 2.14 0.00	40.03 1.99 0.00	40.46 2.13 -0.81	38.18 2.19 0.00	37.49 1.27 -17.28	36.72 2.38 0.00	33.57 2.28 -0.34	67.25 2.72 -27.88	62.31 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.61 2.67 -25.95	69.18 2.65 -21.49	81.28 3.19 -26.89	74.54 4.30 0.00	76.45 4.72 0.00	76.55 4.39 0.00	71.16 3.52 -10.65	69.46 2.75 -22.55	79.69 3.57 -12.51	71.41 3.78 -0.47
HEMPSTEAD___ 23647	53.16 2.94 0.00	52.12 2.94 0.00	43.44 2.09 -0.30	43.88 2.16 0.00	40.00 1.96 0.00	40.51 2.19 -0.81	38.22 2.23 0.00	37.49 1.26 -17.29	36.62 2.29 0.00	33.45 2.15 -0.34	67.11 2.62 -27.84	62.23 2.65 -22.98	57.29 2.73 -15.35	61.72 2.76 -19.23	69.80 2.86 -25.95	69.65 3.12 -21.50	81.79 3.70 -26.89	74.88 4.63 0.00	79.63 5.51 -2.40	83.34 5.03 -6.15	140.34 3.78 -79.58	82.24 2.87 -35.22	132.61 3.94 -65.06	71.51 3.87 -0.47
HEWLETT_69_KV_BK3 55828	53.64 3.42 0.00	52.56 3.38 0.00	43.82 2.46 -0.30	44.25 2.54 0.00	40.33 2.29 0.00	40.86 2.53 -0.81	38.54 2.55 0.00	37.65 1.42 -17.29	36.90 2.57 0.00	33.72 2.43 -0.34	67.47 2.98 -27.84	62.58 3.01 -22.98	57.71 3.15 -15.35	62.18 3.23 -19.23	70.28 3.35 -25.95	70.17 3.64 -21.50	82.36 4.26 -26.89	75.66 5.42 0.00	80.59 6.27 -2.60	84.55 5.72 -6.67	146.68 4.30 -85.39	83.82 3.23 -36.43	137.71 4.44 -69.66	71.99 4.35 -0.47
HICKLING___1 23621	49.38 -0.83 0.00	47.90 -1.28 0.00	40.14 -0.98 -0.07	40.96 -0.75 0.00	37.30 -0.74 0.00	37.06 -0.65 -0.19	35.44 -0.54 0.00	22.78 -0.25 -4.09	33.96 -0.37 0.00	30.45 -0.51 0.00	39.54 -0.91 -3.79	40.98 -0.93 -5.31	40.33 -0.93 -2.06	40.96 -0.97 -2.20	47.09 -1.09 -7.20	51.07 -0.93 -6.97	57.56 -0.98 -7.35	68.94 -1.31 0.00	70.51 -1.45 -0.24	70.59 -1.57 0.00	59.03 -1.64 -3.68	48.15 -1.34 -5.33	65.06 -1.50 -2.96	65.65 -1.63 -0.11
HICKLING___2 23622	49.38 -0.83 0.00	47.90 -1.28 0.00	40.14 -0.98 -0.07	40.96 -0.75 0.00	37.30 -0.74 0.00	37.06 -0.65 -0.19	35.44 -0.54 0.00	22.78 -0.25 -4.09	33.96 -0.37 0.00	30.45 -0.51 0.00	39.54 -0.91 -3.79	40.98 -0.93 -5.31	40.33 -0.93 -2.06	40.96 -0.97 -2.20	47.09 -1.09 -7.20	51.07 -0.93 -6.97	57.56 -0.98 -7.35	68.94 -1.31 0.00	70.51 -1.45 -0.24	70.59 -1.57 0.00	59.03 -1.64 -3.68	48.15 -1.34 -5.33	65.06 -1.50 -2.96	65.65 -1.63 -0.11
HIGH FALLS___HY 23754	53.44 3.22 0.00	52.33 3.15 0.00	43.74 2.39 -0.29	44.10 2.39 0.00	40.21 2.17 0.00	40.61 2.30 -0.80	38.36 2.37 0.00	37.36 1.37 -17.06	36.84 2.51 0.00	33.39 2.26 -0.18	58.71 2.63 -19.43	60.54 2.51 -21.42	50.57 2.65 -8.71	51.44 2.56 -9.15	69.24 2.65 -25.60	69.05 2.81 -21.21	81.34 3.61 -26.53	75.21 4.97 0.00	77.11 5.39 0.00	77.33 5.17 0.00	71.47 3.97 -10.51	69.39 2.98 -22.25	79.85 3.90 -12.35	71.49 3.86 -0.46
HIGH_RIVER___SOLAR 323847	52.26 2.04 0.00	51.20 2.02 0.00	43.08 1.65 -0.37	43.38 1.66 0.00	39.56 1.52 0.00	40.04 1.50 -1.02	37.44 1.45 0.00	41.57 0.79 -21.85	35.67 1.34 0.00	31.93 0.88 -0.09	59.46 0.77 -22.05	64.82 0.79 -27.44	51.09 0.86 -11.04	52.42 0.97 -11.72	75.30 1.52 -32.79	74.07 1.87 -27.17	87.52 2.34 -33.98	73.49 3.25 0.00	75.04 3.32 0.00	75.50 3.33 0.00	73.00 2.55 -13.46	74.61 1.95 -28.50	82.16 2.74 -15.81	70.63 2.87 -0.60

HILLBURN___GT 23639	52.75 2.54 0.00	51.64 2.46 0.00	43.16 1.82 -0.28	43.52 1.80 0.00	39.70 1.66 0.00	40.11 1.82 -0.78	37.85 1.85 0.00	36.61 1.09 -16.59	36.33 2.00 0.00	33.27 1.83 -0.49	55.77 2.19 -16.93	57.44 2.07 -18.77	39.69 2.20 1.71	34.59 2.17 7.31	68.01 2.13 -24.90	67.76 2.10 -20.63	79.57 2.58 -25.80	73.75 3.50 0.00	75.58 3.86 0.00	75.79 3.63 0.00	70.05 2.85 -10.22	67.96 2.17 -21.64	78.43 2.81 -12.01	70.47 2.86 -0.45
HILLSIDE_115KV_TB1 80332	49.13 -1.09 0.00	47.60 -1.59 0.00	39.84 -1.29 -0.07	40.65 -1.06 0.00	36.98 -1.05 0.00	36.78 -0.94 -0.20	35.12 -0.87 0.00	22.79 -0.40 -4.25	33.74 -0.59 0.00	30.23 -0.73 0.00	39.49 -1.09 -3.93	41.03 -1.06 -5.48	40.24 -1.09 -2.13	40.87 -1.13 -2.28	47.03 -1.26 -7.31	50.85 -1.12 -6.95	57.44 -1.23 -7.47	68.45 -1.79 0.00	70.07 -1.87 -0.21	70.18 -1.97 0.00	58.72 -1.91 -3.65	48.13 -1.55 -5.53	64.85 -1.82 -3.07	65.18 -2.10 -0.11
HISHELDN_WT_PWR 323625	47.29 -2.93 0.00	45.92 -3.27 0.00	38.39 -2.35 0.31	39.52 -2.19 0.00	36.03 -1.93 0.08	35.74 -1.91 -0.13	34.20 -1.79 0.00	20.52 -1.23 -2.80	32.15 -2.18 0.00	28.96 -2.00 0.00	36.45 -2.79 -2.60	36.18 -2.90 -2.48	37.61 -3.00 -1.41	38.18 -3.05 -1.51	35.26 -3.46 2.26	33.41 -3.60 8.02	45.46 -4.10 1.64	64.65 -5.12 0.47	62.79 -5.48 3.46	64.03 -5.27 2.86	43.64 -4.75 8.60	42.03 -3.61 -1.49	58.95 -4.49 0.17	62.01 -3.85 1.31
HOLTSVILLE_IC_1 23690	53.54 3.32 0.00	52.56 3.38 0.00	43.71 2.36 -0.30	44.29 2.57 0.00	40.38 2.34 0.00	40.95 2.63 -0.81	38.68 2.69 0.00	37.75 1.52 -17.29	36.95 2.62 0.00	33.71 2.42 -0.34	67.35 2.86 -27.84	62.47 2.89 -22.98	57.48 2.93 -15.35	61.94 2.98 -19.23	70.20 3.26 -25.95	70.34 3.81 -21.50	82.68 4.59 -26.89	75.71 5.47 0.00	80.13 6.80 -1.60	82.52 6.24 -4.11	118.50 4.78 -56.73	78.53 3.46 -30.91	116.04 4.92 -47.51	72.37 4.74 -0.47
HOLTSVILLE_IC_10 23699	53.79 3.57 0.00	52.78 3.60 0.00	43.88 2.53 -0.30	44.50 2.78 0.00	40.56 2.52 0.00	41.14 2.81 -0.81	38.87 2.88 0.00	37.85 1.62 -17.29	37.11 2.78 0.00	33.86 2.57 -0.34	67.51 3.02 -27.84	62.63 3.05 -22.98	57.65 3.09 -15.35	62.10 3.14 -19.23	70.40 3.46 -25.95	70.61 4.08 -21.50	83.04 4.95 -26.89	76.19 5.94 0.00	80.64 7.30 -1.62	83.05 6.75 -4.14	119.23 5.16 -57.08	78.85 3.73 -30.97	116.66 5.28 -47.78	72.71 5.08 -0.47
HOLTSVILLE_IC_2 23691	53.54 3.32 0.00	52.56 3.38 0.00	43.71 2.36 -0.30	44.29 2.57 0.00	40.38 2.34 0.00	40.95 2.63 -0.81	38.68 2.69 0.00	37.75 1.52 -17.29	36.95 2.62 0.00	33.71 2.42 -0.34	67.35 2.86 -27.84	62.47 2.89 -22.98	57.48 2.93 -15.35	61.94 2.98 -19.23	70.20 3.26 -25.95	70.34 3.81 -21.50	82.68 4.59 -26.89	75.71 5.47 0.00	80.13 6.80 -1.60	82.52 6.24 -4.11	118.50 4.78 -56.73	78.53 3.46 -30.91	116.04 4.92 -47.51	72.37 4.74 -0.47
HOLTSVILLE_IC_3 23692	53.54 3.32 0.00	52.56 3.38 0.00	43.71 2.36 -0.30	44.29 2.57 0.00	40.38 2.34 0.00	40.95 2.63 -0.81	38.68 2.69 0.00	37.75 1.52 -17.29	36.95 2.62 0.00	33.71 2.42 -0.34	67.35 2.86 -27.84	62.47 2.89 -22.98	57.48 2.93 -15.35	61.94 2.98 -19.23	70.20 3.26 -25.95	70.34 3.81 -21.50	82.68 4.59 -26.89	75.71 5.47 0.00	80.13 6.80 -1.60	82.52 6.24 -4.11	118.50 4.78 -56.73	78.53 3.46 -30.91	116.04 4.92 -47.51	72.37 4.74 -0.47
HOLTSVILLE_IC_4 23693	53.54 3.32 0.00	52.56 3.38 0.00	43.71 2.36 -0.30	44.29 2.57 0.00	40.38 2.34 0.00	40.95 2.63 -0.81	38.68 2.69 0.00	37.75 1.52 -17.29	36.95 2.62 0.00	33.71 2.42 -0.34	67.35 2.86 -27.84	62.47 2.89 -22.98	57.48 2.93 -15.35	61.94 2.98 -19.23	70.20 3.26 -25.95	70.34 3.81 -21.50	82.68 4.59 -26.89	75.71 5.47 0.00	80.13 6.80 -1.60	82.52 6.24 -4.11	118.50 4.78 -56.73	78.53 3.46 -30.91	116.04 4.92 -47.51	72.37 4.74 -0.47
HOLTSVILLE_IC_5 23694	53.54 3.32 0.00	52.56 3.38 0.00	43.71 2.36 -0.30	44.29 2.57 0.00	40.38 2.34 0.00	40.95 2.63 -0.81	38.68 2.69 0.00	37.75 1.52 -17.29	36.95 2.62 0.00	33.71 2.42 -0.34	67.35 2.86 -27.84	62.47 2.89 -22.98	57.48 2.93 -15.35	61.94 2.98 -19.23	70.20 3.26 -25.95	70.34 3.81 -21.50	82.68 4.59 -26.89	75.71 5.47 0.00	80.13 6.80 -1.60	82.52 6.24 -4.11	118.50 4.78 -56.73	78.53 3.46 -30.91	116.04 4.92 -47.51	72.37 4.74 -0.47
HOLTSVILLE_IC_6 23695	53.79 3.57 0.00	52.78 3.60 0.00	43.88 2.53 -0.30	44.50 2.78 0.00	40.56 2.52 0.00	41.14 2.81 -0.81	38.87 2.88 0.00	37.85 1.62 -17.29	37.11 2.78 0.00	33.86 2.57 -0.34	67.51 3.02 -27.84	62.63 3.05 -22.98	57.65 3.09 -15.35	62.10 3.14 -19.23	70.40 3.46 -25.95	70.61 4.08 -21.50	83.04 4.95 -26.89	76.19 5.94 0.00	80.64 7.30 -1.62	83.05 6.75 -4.14	119.23 5.16 -57.08	78.85 3.73 -30.97	116.66 5.28 -47.78	72.71 5.08 -0.47
HOLTSVILLE_IC_7 23696	53.79 3.57 0.00	52.78 3.60 0.00	43.88 2.53 -0.30	44.50 2.78 0.00	40.56 2.52 0.00	41.14 2.81 -0.81	38.87 2.88 0.00	37.85 1.62 -17.29	37.11 2.78 0.00	33.86 2.57 -0.34	67.51 3.02 -27.84	62.63 3.05 -22.98	57.65 3.09 -15.35	62.10 3.14 -19.23	70.40 3.46 -25.95	70.61 4.08 -21.50	83.04 4.95 -26.89	76.19 5.94 0.00	80.64 7.30 -1.62	83.05 6.75 -4.14	119.23 5.16 -57.08	78.85 3.73 -30.97	116.66 5.28 -47.78	72.71 5.08 -0.47
HOLTSVILLE_IC_8 23697	53.79 3.57 0.00	52.78 3.60 0.00	43.88 2.53 -0.30	44.50 2.78 0.00	40.56 2.52 0.00	41.14 2.81 -0.81	38.87 2.88 0.00	37.85 1.62 -17.29	37.11 2.78 0.00	33.86 2.57 -0.34	67.51 3.02 -27.84	62.63 3.05 -22.98	57.65 3.09 -15.35	62.10 3.14 -19.23	70.40 3.46 -25.95	70.61 4.08 -21.50	83.04 4.95 -26.89	76.19 5.94 0.00	80.64 7.30 -1.62	83.05 6.75 -4.14	119.23 5.16 -57.08	78.85 3.73 -30.97	116.66 5.28 -47.78	72.71 5.08 -0.47
HOLTSVILLE_IC_9 23698	53.79 3.57 0.00	52.78 3.60 0.00	43.88 2.53 -0.30	44.50 2.78 0.00	40.56 2.52 0.00	41.14 2.81 -0.81	38.87 2.88 0.00	37.85 1.62 -17.29	37.11 2.78 0.00	33.86 2.57 -0.34	67.51 3.02 -27.84	62.63 3.05 -22.98	57.65 3.09 -15.35	62.10 3.14 -19.23	70.40 3.46 -25.95	70.61 4.08 -21.50	83.04 4.95 -26.89	76.19 5.94 0.00	80.64 7.30 -1.62	83.05 6.75 -4.14	119.23 5.16 -57.08	78.85 3.73 -30.97	116.66 5.28 -47.78	72.71 5.08 -0.47
HOMER_HL_115KV_TB2 355744	50.23 0.02 0.00	48.51 -0.67 0.00	40.72 -0.38 -0.05	41.41 -0.31 0.00	37.86 -0.18 0.00	37.44 -0.22 -0.13	35.62 -0.37 0.00	21.42 -0.39 -2.87	33.87 -0.46 0.00	30.63 -0.32 0.00	38.54 -0.77 -2.66	39.28 -0.81 -3.49	40.00 -0.64 -1.44	40.20 -1.07 -1.54	43.00 -1.55 -3.57	45.77 -1.51 -2.26	53.09 -1.89 -3.78	68.24 -2.00 0.00	69.51 -2.05 0.17	70.15 -2.01 0.00	55.73 -2.20 -0.94	46.44 -1.44 -3.73	64.37 -1.30 -2.07	66.74 -0.50 -0.08
HOWARD_WT_PWR 323690	47.84 -2.38 0.00	46.56 -2.62 0.00	39.20 -1.92 -0.06	39.94 -1.78 0.00	36.50 -1.54 0.00	36.29 -1.38 -0.16	34.87 -1.12 0.00	21.61 -0.68 -3.35	33.21 -1.12 0.00	29.83 -1.13 0.00	37.92 -1.83 -3.10	39.96 -1.97 -5.34	38.90 -1.98 -1.68	39.50 -2.02 -1.80	50.86 -2.17 -12.04	59.54 -2.14 -16.64	60.47 -2.44 -11.71	67.43 -2.81 0.00	69.77 -3.56 -1.61	68.29 -3.87 0.00	63.14 -3.66 -9.81	45.70 -2.81 -4.35	62.45 -3.57 -2.42	63.84 -3.42 -0.09

HQ_GEN_CEDARS 23644	47.71 -2.51 0.00	23.72 -2.63 22.84	23.05 -2.25 15.76	16.32 -2.09 23.31	26.50 -2.16 9.38	22.55 -2.46 12.50	18.21 -2.01 15.78	0.44 -1.08 17.43	14.84 -1.98 17.51	25.38 -1.64 3.93	34.90 -1.75 0.00	35.79 -0.81 0.00	38.70 -0.51 0.00	39.55 -0.18 0.00	41.18 0.20 0.00	44.67 -0.36 0.00	50.99 -0.21 0.00	70.84 0.60 0.00	71.23 -0.49 0.00	72.14 -0.02 0.00	56.89 -0.26 -0.17	44.16 -0.36 -0.36	64.65 0.84 -0.20	68.79 1.62 -0.01
HQ_GEN_CEDARS_PROXY 323590	47.71 -2.51 0.00	23.71 -2.64 22.84	23.04 -2.25 15.76	16.31 -2.10 23.31	26.50 -2.16 9.38	22.55 -2.47 12.50	18.19 -2.02 15.78	0.43 -1.08 17.43	14.83 -1.99 17.51	25.39 -1.64 3.93	34.90 -1.75 0.00	35.79 -0.81 0.00	38.70 -0.51 0.00	39.55 -0.17 0.00	41.16 0.17 0.00	44.67 -0.36 0.00	50.97 -0.22 0.00	70.84 0.60 0.00	71.23 -0.49 0.00	72.14 -0.02 0.00	56.89 -0.26 -0.17	44.16 -0.36 -0.36	64.80 0.99 -0.20	68.79 1.62 -0.01
HQ_GEN_IMPORT 323601	50.22 0.00 0.00	49.18 0.00 0.00	41.05 0.00 0.00	41.72 0.00 0.00	38.04 0.00 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.94 0.00 0.00	34.33 0.00 0.00	30.96 0.00 0.00	38.47 0.00 -1.82	36.60 0.00 0.00	39.20 0.00 0.00	39.73 0.00 0.00	40.98 0.00 0.00	45.03 0.00 0.00	51.20 0.00 0.00	70.24 0.00 0.00	71.72 0.00 0.00	72.16 0.00 0.00	56.99 0.00 0.00	44.16 0.00 0.00	63.60 0.00 0.00	67.84 0.67 0.00
HQ_GEN_WHEEL 23651	50.22 0.00 0.00	49.18 0.00 0.00	41.05 0.00 0.00	41.72 0.00 0.00	38.04 0.00 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.94 0.00 0.00	34.33 0.00 0.00	30.96 0.00 0.00	38.47 0.00 -1.82	36.60 0.00 0.00	39.20 0.00 0.00	39.73 0.00 0.00	40.98 0.00 0.00	45.03 0.00 0.00	51.20 0.00 0.00	70.24 0.00 0.00	71.72 0.00 0.00	72.16 0.00 0.00	56.99 0.00 0.00	44.16 0.00 0.00	63.60 0.00 0.00	67.84 0.67 0.00
HUDSON AVE_GT_3 23810	53.23 3.01 0.00	52.11 2.93 0.00	43.60 2.25 -0.30	43.96 2.24 0.00	40.10 2.06 0.00	40.53 2.20 -0.81	38.22 2.23 0.00	37.52 1.29 -17.28	36.75 2.42 0.00	33.58 2.29 -0.34	67.36 2.81 -27.90	62.37 2.78 -22.98	57.58 2.97 -15.41	61.97 2.94 -19.31	69.73 2.80 -25.95	69.34 2.81 -21.49	81.48 3.40 -26.89	74.80 4.55 0.00	76.70 4.98 0.00	76.82 4.65 0.00	71.32 3.68 -10.65	69.54 2.83 -22.55	79.85 3.73 -12.51	71.46 3.83 -0.47
HUDSON AVE_GT_4 23540	53.23 3.01 0.00	52.11 2.93 0.00	43.60 2.25 -0.30	43.96 2.24 0.00	40.10 2.06 0.00	40.53 2.20 -0.81	38.22 2.23 0.00	37.52 1.29 -17.28	36.75 2.42 0.00	33.58 2.29 -0.34	67.36 2.81 -27.90	62.37 2.78 -22.98	57.58 2.97 -15.41	61.97 2.94 -19.31	69.73 2.80 -25.95	69.34 2.81 -21.49	81.48 3.40 -26.89	74.80 4.55 0.00	76.70 4.98 0.00	76.82 4.65 0.00	71.32 3.68 -10.65	69.54 2.83 -22.55	79.85 3.73 -12.51	71.46 3.83 -0.47
HUDSON AVE_GT_5 23657	53.23 3.01 0.00	52.11 2.93 0.00	43.60 2.25 -0.30	43.96 2.24 0.00	40.10 2.06 0.00	40.53 2.20 -0.81	38.22 2.23 0.00	37.52 1.29 -17.28	36.75 2.42 0.00	33.58 2.29 -0.34	67.36 2.81 -27.90	62.37 2.78 -22.98	57.58 2.97 -15.41	61.97 2.94 -19.31	69.73 2.80 -25.95	69.34 2.81 -21.49	81.48 3.40 -26.89	74.80 4.55 0.00	76.70 4.98 0.00	76.82 4.65 0.00	71.32 3.68 -10.65	69.54 2.83 -22.55	79.85 3.73 -12.51	71.46 3.83 -0.47
HUDSON_AVE_10 24168	53.09 2.87 0.00	51.95 2.78 0.00	43.50 2.15 -0.30	43.86 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.19 -0.34	67.24 2.70 -27.90	62.27 2.69 -22.98	57.48 2.88 -15.41	61.85 2.82 -19.31	69.59 2.66 -25.95	69.19 2.66 -21.49	81.33 3.24 -26.89	74.55 4.31 0.00	76.46 4.73 0.00	76.58 4.42 0.00	71.12 3.48 -10.65	69.45 2.67 -22.62	79.68 3.48 -12.59	71.26 3.62 -0.47
HUDSON___115KV_TB 4 355613	52.41 2.20 0.00	51.38 2.20 0.00	43.23 1.83 -0.34	43.59 1.88 0.00	39.77 1.73 0.00	40.16 1.70 -0.94	37.57 1.58 0.00	39.81 0.82 -20.05	35.90 1.57 0.00	32.48 1.40 -0.13	59.09 1.35 -21.10	63.10 1.31 -25.19	50.85 1.48 -10.17	52.17 1.68 -10.76	73.06 1.97 -30.11	72.31 2.34 -24.94	85.14 2.75 -31.20	74.33 4.08 0.00	75.73 4.01 0.00	76.18 4.01 0.00	72.59 3.24 -12.36	72.75 2.43 -26.17	81.67 3.55 -14.52	71.51 3.80 -0.55
HUNTER MOUNT___DRP 323613	52.79 2.57 0.00	51.74 2.55 0.00	43.55 2.15 -0.34	43.94 2.22 0.00	40.09 2.06 0.00	40.46 2.03 -0.91	37.89 1.90 0.00	39.49 0.98 -19.57	36.23 1.90 0.00	32.76 1.67 -0.14	59.11 1.52 -20.94	62.67 1.50 -24.58	50.86 1.73 -9.94	52.19 1.96 -10.50	72.70 2.34 -29.38	72.21 2.84 -24.33	84.98 3.34 -30.44	75.21 4.97 0.00	76.56 4.84 0.00	77.01 4.85 0.00	72.90 3.86 -12.06	72.57 2.88 -25.53	82.00 4.23 -14.17	72.23 4.54 -0.53
HUNTINGTON_RES_REC 323705	53.38 3.17 0.00	52.40 3.22 0.00	43.56 2.21 -0.30	44.10 2.38 0.00	40.19 2.15 0.00	40.76 2.44 -0.81	38.48 2.49 0.00	37.65 1.42 -17.29	36.79 2.47 0.00	33.58 2.29 -0.34	67.28 2.79 -27.84	62.43 2.85 -22.98	57.41 2.86 -15.35	61.89 2.94 -19.23	70.14 3.20 -25.95	70.24 3.71 -21.50	82.53 4.43 -26.89	75.64 5.39 0.00	79.97 6.62 -1.62	82.41 6.09 -4.16	118.91 4.66 -57.26	78.51 3.35 -31.01	116.20 4.68 -47.92	72.12 4.48 -0.47
HUNTLEY___63 23557	47.42 -2.79 0.00	45.90 -3.29 0.00	38.66 -2.44 -0.04	39.39 -2.32 0.00	35.94 -2.09 0.00	35.46 -2.17 -0.11	33.95 -2.03 0.00	19.88 -1.48 -2.42	31.72 -2.61 0.00	28.66 -2.29 0.00	35.81 -3.08 -2.24	36.08 -3.22 -2.70	37.25 -3.16 -1.22	37.73 -3.29 -1.30	38.69 -3.80 -1.50	40.33 -3.91 0.79	48.41 -4.58 -1.79	64.56 -5.68 0.00	65.06 -6.18 0.49	66.23 -5.93 0.00	50.76 -5.34 0.88	43.15 -4.15 -3.15	60.49 -4.86 -1.74	63.14 -4.09 -0.07
HUNTLEY___64 23558	47.42 -2.79 0.00	45.90 -3.29 0.00	38.66 -2.44 -0.04	39.39 -2.32 0.00	35.94 -2.09 0.00	35.46 -2.17 -0.11	33.95 -2.03 0.00	19.88 -1.48 -2.42	31.72 -2.61 0.00	28.66 -2.29 0.00	35.81 -3.08 -2.24	36.08 -3.22 -2.70	37.25 -3.16 -1.22	37.73 -3.29 -1.30	38.69 -3.80 -1.50	40.33 -3.91 0.79	48.41 -4.58 -1.79	64.56 -5.68 0.00	65.06 -6.18 0.49	66.23 -5.93 0.00	50.76 -5.34 0.88	43.15 -4.15 -3.15	60.49 -4.86 -1.74	63.14 -4.09 -0.07
HUNTLEY___65 23559	47.42 -2.79 0.00	45.90 -3.29 0.00	38.66 -2.44 -0.04	39.39 -2.32 0.00	35.94 -2.09 0.00	35.46 -2.17 -0.11	33.95 -2.03 0.00	19.88 -1.48 -2.42	31.72 -2.61 0.00	28.66 -2.29 0.00	35.81 -3.08 -2.24	36.08 -3.22 -2.70	37.25 -3.16 -1.22	37.73 -3.29 -1.30	38.69 -3.80 -1.50	40.33 -3.91 0.79	48.41 -4.58 -1.79	64.56 -5.68 0.00	65.06 -6.18 0.49	66.23 -5.93 0.00	50.76 -5.34 0.88	43.15 -4.15 -3.15	60.49 -4.86 -1.74	63.14 -4.09 -0.07
HUNTLEY___66 23560	47.42 -2.79 0.00	45.90 -3.29 0.00	38.66 -2.44 -0.04	39.39 -2.32 0.00	35.94 -2.09 0.00	35.46 -2.17 -0.11	33.95 -2.03 0.00	19.88 -1.48 -2.42	31.72 -2.61 0.00	28.66 -2.29 0.00	35.81 -3.08 -2.24	36.08 -3.22 -2.70	37.25 -3.16 -1.22	37.73 -3.29 -1.30	38.69 -3.80 -1.50	40.33 -3.91 0.79	48.41 -4.58 -1.79	64.56 -5.68 0.00	65.06 -6.18 0.49	66.23 -5.93 0.00	50.76 -5.34 0.88	43.15 -4.15 -3.15	60.49 -4.86 -1.74	63.14 -4.09 -0.07

HUNTLEY___67 23561	47.23 -2.99 0.00	45.72 -3.46 0.00	38.53 -2.57 -0.04	39.23 -2.48 0.00	35.81 -2.23 0.00	35.34 -2.29 -0.11	33.83 -2.16 0.00	19.90 -1.51 -2.47	31.64 -2.69 0.00	28.59 -2.36 0.00	35.82 -3.11 -2.29	36.05 -3.25 -2.70	37.15 -3.29 -1.24	37.67 -3.39 -1.33	38.29 -3.92 -1.23	39.60 -4.10 1.33	47.95 -4.79 -1.55	64.29 -5.96 0.00	64.72 -6.44 0.57	65.95 -6.21 0.00	50.19 -5.57 1.22	43.12 -4.25 -3.21	60.33 -5.05 -1.78	63.00 -4.24 -0.07
HUNTLEY___68 23562	47.23 -2.99 0.00	45.72 -3.46 0.00	38.53 -2.57 -0.04	39.23 -2.48 0.00	35.81 -2.23 0.00	35.34 -2.29 -0.11	33.83 -2.16 0.00	19.90 -1.51 -2.47	31.64 -2.69 0.00	28.59 -2.36 0.00	35.82 -3.11 -2.29	36.05 -3.25 -2.70	37.15 -3.29 -1.24	37.67 -3.39 -1.33	38.29 -3.92 -1.23	39.60 -4.10 1.33	47.95 -4.79 -1.55	64.29 -5.96 0.00	64.72 -6.44 0.57	65.95 -6.21 0.00	50.19 -5.57 1.22	43.12 -4.25 -3.21	60.33 -5.05 -1.78	63.00 -4.24 -0.07
HYLAND___LFGE 323620	50.52 0.30 0.00	49.03 -0.16 0.00	41.11 0.11 0.05	41.97 0.25 0.00	38.32 0.31 0.02	37.99 0.35 -0.13	36.47 0.48 0.00	21.82 0.12 -2.76	34.65 0.32 0.00	31.07 0.12 0.00	39.18 -0.02 -2.55	40.93 -0.40 -4.73	39.89 -0.69 -1.38	40.69 -0.52 -1.48	52.52 -0.44 -11.98	62.51 0.10 -17.37	62.89 0.14 -11.56	71.00 0.88 0.12	73.60 0.61 -1.27	72.01 0.61 0.76	66.28 -0.21 -9.51	46.79 -0.38 -3.01	64.54 -0.47 -1.40	66.10 -0.78 0.29
INDECK___CORINTH 23802	53.59 3.37 0.00	52.44 3.26 0.00	44.15 2.74 -0.36	44.50 2.78 0.00	40.67 2.63 0.00	41.26 2.76 -0.99	38.62 2.63 0.00	41.49 1.38 -21.17	36.56 2.23 0.00	32.69 1.63 -0.10	59.86 1.56 -21.65	64.60 1.41 -26.59	51.52 1.61 -10.71	52.73 1.64 -11.36	74.62 1.85 -31.79	73.59 2.23 -26.33	86.89 2.75 -32.94	73.84 3.59 0.00	75.34 3.62 0.00	75.74 3.58 0.00	72.71 2.68 -13.05	73.82 2.03 -27.63	81.80 2.86 -15.33	70.57 2.83 -0.58
INDECK___ILION 23567	50.71 0.49 0.00	49.66 0.48 0.00	41.50 0.44 0.00	42.19 0.47 0.00	38.48 0.44 0.00	37.99 0.47 0.00	36.39 0.40 0.00	19.19 0.25 0.00	34.81 0.48 0.00	31.27 0.31 0.00	36.92 0.27 0.00	36.90 0.30 0.00	39.53 0.33 0.00	40.18 0.45 0.00	41.63 0.65 0.00	45.88 0.84 0.00	52.15 0.95 0.00	71.53 1.28 0.00	73.03 1.31 0.00	73.42 1.26 0.00	58.05 1.07 0.00	44.99 0.83 0.00	64.78 1.18 0.00	68.28 1.11 0.00
INDECK___OLEAN 23982	50.24 0.02 0.00	48.49 -0.69 0.00	39.81 -0.39 0.86	41.41 -0.31 0.00	37.65 -0.17 0.21	37.44 -0.21 -0.13	35.62 -0.37 0.00	21.42 -0.39 -2.87	33.87 -0.46 0.00	30.63 -0.32 0.00	38.53 -0.78 -2.66	39.30 -0.79 -3.49	40.00 -0.64 -1.44	40.21 -1.06 -1.54	43.06 -1.49 -3.57	45.80 -1.48 -2.26	53.12 -1.87 -3.78	67.08 -1.99 1.18	64.55 -2.03 5.14	63.01 -1.98 7.17	47.81 -2.17 7.00	41.07 -1.41 1.68	58.73 -1.44 3.43	63.27 -0.49 3.40
INDECK___OSWEGO 23783	48.92 -1.30 0.00	47.86 -1.32 0.00	39.99 -1.09 -0.02	40.63 -1.09 0.00	37.08 -0.96 0.00	36.64 -0.94 -0.06	35.07 -0.92 0.00	19.71 -0.54 -1.31	33.32 -1.01 0.00	30.05 -0.91 0.00	36.79 -1.08 -1.22	37.19 -1.07 -1.65	38.62 -1.24 -0.66	39.11 -1.33 -0.71	41.57 -1.39 -1.97	45.22 -1.45 -1.63	51.62 -1.62 -2.04	68.03 -2.21 0.00	69.50 -2.23 0.00	69.87 -2.29 0.00	55.94 -1.82 -0.77	44.35 -1.43 -1.63	62.32 -2.19 -0.90	64.60 -2.60 -0.03
INDECK___YERKES 23781	47.46 -2.76 0.00	45.92 -3.26 0.00	38.08 -2.42 0.56	39.42 -2.30 0.00	35.83 -2.07 0.14	35.49 -2.14 -0.11	33.98 -2.01 0.00	19.90 -1.46 -2.42	31.74 -2.59 0.00	28.68 -2.28 0.00	35.83 -3.06 -2.24	36.12 -3.18 -2.70	37.28 -3.14 -1.22	37.78 -3.25 -1.30	38.78 -3.70 -1.50	40.41 -3.84 0.79	48.47 -4.52 -1.79	63.81 -5.66 0.77	61.83 -6.13 3.76	61.56 -5.88 4.72	45.61 -5.27 6.10	39.67 -4.07 0.41	56.86 -4.87 1.88	60.93 -4.01 2.22
INDIAN POINT_GT_1 24139	52.74 2.52 0.00	51.65 2.47 0.00	43.20 1.85 -0.29	43.55 1.83 0.00	39.73 1.69 0.00	40.15 1.83 -0.80	37.85 1.85 0.00	37.17 1.09 -17.14	36.35 2.02 0.00	33.19 1.87 -0.36	68.23 2.28 -29.29	61.87 2.22 -23.05	58.14 2.34 -16.60	63.21 2.31 -21.17	68.99 2.27 -25.73	68.64 2.29 -21.32	80.66 2.80 -26.67	74.00 3.75 0.00	75.86 4.14 0.00	76.04 3.88 0.00	70.59 3.05 -10.56	68.86 2.34 -22.36	79.07 3.06 -12.41	70.75 3.12 -0.47
INDIAN POINT_GT_2 23659	52.74 2.52 0.00	51.65 2.47 0.00	43.20 1.85 -0.29	43.55 1.83 0.00	39.73 1.69 0.00	40.15 1.83 -0.80	37.85 1.85 0.00	37.17 1.09 -17.14	36.35 2.02 0.00	33.19 1.87 -0.36	68.23 2.28 -29.29	61.87 2.22 -23.05	58.14 2.34 -16.60	63.21 2.31 -21.17	68.99 2.27 -25.73	68.64 2.29 -21.32	80.66 2.80 -26.67	74.00 3.75 0.00	75.86 4.14 0.00	76.04 3.88 0.00	70.59 3.05 -10.56	68.86 2.34 -22.36	79.07 3.06 -12.41	70.75 3.12 -0.47
INDIAN POINT_GT_3 24019	52.74 2.52 0.00	51.65 2.47 0.00	43.20 1.85 -0.29	43.55 1.83 0.00	39.73 1.69 0.00	40.15 1.83 -0.80	37.85 1.85 0.00	37.17 1.09 -17.14	36.35 2.02 0.00	33.19 1.87 -0.36	68.23 2.28 -29.29	61.87 2.22 -23.05	58.14 2.34 -16.60	63.21 2.31 -21.17	68.99 2.27 -25.73	68.64 2.29 -21.32	80.66 2.80 -26.67	74.00 3.75 0.00	75.86 4.14 0.00	76.04 3.88 0.00	70.59 3.05 -10.56	68.86 2.34 -22.36	79.07 3.06 -12.41	70.75 3.12 -0.47
INDIAN POINT___2 23530	52.69 2.47 0.00	51.60 2.42 0.00	43.15 1.81 -0.29	43.50 1.79 0.00	39.68 1.64 0.00	40.10 1.80 -0.79	37.81 1.82 0.00	36.97 1.07 -16.96	36.30 1.97 0.00	33.18 1.83 -0.39	70.93 2.21 -32.06	62.14 2.13 -23.40	60.94 2.25 -19.49	67.60 2.21 -25.66	68.61 2.17 -25.46	68.29 2.17 -21.09	80.23 2.66 -26.38	73.82 3.58 0.00	75.66 3.94 0.00	75.86 3.70 0.00	70.34 2.90 -10.45	68.50 2.22 -22.12	78.79 2.91 -12.28	70.59 2.96 -0.46
INDIAN POINT___3 23531	52.70 2.48 0.00	51.62 2.44 0.00	43.17 1.82 -0.29	43.52 1.80 0.00	39.70 1.66 0.00	40.13 1.81 -0.80	37.82 1.83 0.00	37.16 1.07 -17.15	36.31 1.98 0.00	33.16 1.84 -0.36	68.37 2.24 -29.47	61.87 2.17 -23.10	58.32 2.29 -16.83	63.50 2.25 -21.52	68.93 2.21 -25.75	68.57 2.22 -21.33	80.57 2.69 -26.68	73.86 3.61 0.00	75.72 4.00 0.00	75.89 3.73 0.00	70.48 2.93 -10.57	68.78 2.25 -22.37	78.98 2.95 -12.41	70.63 2.99 -0.47
INGHAM_C_115KV_TB7 356103	51.22 1.01 0.00	50.11 0.93 0.00	41.93 0.87 0.00	42.68 0.96 0.00	38.95 0.91 0.00	38.52 1.00 0.00	36.80 0.81 0.00	19.45 0.52 0.00	35.29 0.96 0.00	31.52 0.57 0.00	37.08 0.43 0.00	37.02 0.42 0.00	39.61 0.41 0.00	40.37 0.65 0.00	42.01 1.03 0.00	46.48 1.45 0.00	52.85 1.65 0.00	72.43 2.18 0.00	73.99 2.26 0.00	74.26 2.10 0.00	58.80 1.81 0.00	45.56 1.40 0.00	65.59 1.98 0.00	68.92 1.75 0.00
IP CORINTH___1 23988	53.59 3.37 0.00	52.44 3.26 0.00	44.15 2.74 -0.36	44.50 2.78 0.00	40.67 2.63 0.00	41.26 2.75 -0.99	38.63 2.64 0.00	41.51 1.39 -21.17	36.64 2.31 0.00	32.83 1.77 -0.10	60.06 1.75 -21.65	64.79 1.60 -26.59	51.73 1.82 -10.71	52.94 1.85 -11.36	74.85 2.08 -31.79	73.85 2.49 -26.33	87.18 3.05 -32.94	74.23 3.99 0.00	75.74 4.02 0.00	76.14 3.97 0.00	73.01 2.98 -13.05	74.06 2.28 -27.63	82.15 3.22 -15.33	70.95 3.20 -0.58

IP___TICONDEROGA 23804	55.15 4.94 0.00	53.95 4.77 0.00	45.51 4.09 -0.36	45.80 4.08 0.00	41.96 3.93 0.00	42.85 4.34 -0.99	40.21 4.22 0.00	42.44 2.34 -21.15	38.21 3.88 0.00	34.28 3.22 -0.10	61.84 3.54 -21.65	66.28 3.11 -26.56	53.45 3.54 -10.70	54.83 3.75 -11.35	77.16 4.42 -31.75	76.22 4.88 -26.30	90.36 6.26 -32.90	78.43 8.18 0.00	79.92 8.19 0.00	80.04 7.88 0.00	75.65 5.63 -13.03	76.17 4.41 -27.60	85.00 6.08 -15.31	73.70 5.96 -0.58
ISLIP_RES_REC 323679	53.96 3.74 0.00	52.95 3.76 0.00	44.01 2.66 -0.30	44.64 2.93 0.00	40.69 2.65 0.00	41.27 2.95 -0.81	39.00 3.01 0.00	37.92 1.70 -17.29	37.23 2.90 0.00	33.97 2.68 -0.34	67.63 3.14 -27.84	62.75 3.18 -22.98	57.78 3.22 -15.35	62.22 3.27 -19.23	70.55 3.61 -25.95	70.80 4.27 -21.50	83.29 5.20 -26.89	76.57 6.33 0.00	81.05 7.70 -1.62	83.49 7.17 -4.16	119.73 5.46 -57.29	79.10 3.92 -31.01	117.10 5.56 -47.94	72.99 5.35 -0.47
JAMAICA__27_KV_LOAD 355505	53.60 3.38 0.00	52.39 3.21 0.00	43.92 2.57 -0.30	44.32 2.60 0.00	40.41 2.37 0.00	40.84 2.52 -0.81	38.47 2.48 0.00	37.63 1.41 -17.28	36.93 2.60 0.00	33.76 2.47 -0.34	67.60 3.05 -27.90	62.66 3.08 -22.98	57.92 3.31 -15.41	62.23 3.20 -19.31	69.92 2.99 -25.95	69.57 3.05 -21.49	81.82 3.74 -26.89	75.18 4.94 0.00	77.06 5.33 0.00	77.22 5.06 0.00	71.61 3.98 -10.65	69.84 3.05 -22.64	80.17 3.95 -12.61	71.89 4.25 -0.47
JANIS___SOLAR 323808	52.43 2.21 0.00	51.14 1.96 0.00	43.02 1.74 -0.23	43.49 1.78 0.00	39.72 1.65 -0.04	39.43 1.71 -0.21	37.75 1.76 0.00	24.28 0.92 -4.43	36.09 1.76 0.00	32.42 1.50 0.04	41.67 1.70 -3.32	43.67 1.42 -5.65	42.94 1.55 -2.19	43.56 1.46 -2.38	49.68 1.51 -7.19	53.43 1.94 -6.47	61.20 2.61 -7.39	74.44 4.00 -0.19	76.58 3.91 -0.95	77.27 3.92 -1.19	64.34 2.72 -4.64	52.71 1.89 -6.67	70.38 2.66 -4.11	70.61 2.75 -0.70
JARVIS____ 23743	50.22 0.00 0.00	49.20 0.02 0.00	41.08 0.03 0.00	41.74 0.03 0.00	38.04 0.00 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.95 0.01 0.00	34.36 0.03 0.00	30.99 0.03 0.00	36.69 0.04 0.00	36.66 0.06 0.00	39.29 0.09 0.00	39.85 0.12 0.00	41.14 0.16 0.00	45.20 0.16 0.00	51.36 0.16 0.00	70.46 0.21 0.00	71.94 0.21 0.00	72.38 0.22 0.00	57.21 0.23 0.00	44.34 0.18 0.00	63.92 0.31 0.00	67.50 0.34 0.00
JENNISON___1 23625	52.30 2.08 0.00	51.22 2.04 0.00	43.01 1.86 -0.10	43.55 1.83 0.00	39.68 1.64 0.00	39.44 1.65 -0.27	37.71 1.72 0.00	25.55 0.89 -5.72	36.11 1.78 0.00	32.52 1.62 0.05	42.90 1.96 -4.29	45.66 1.83 -7.23	43.97 1.94 -2.83	44.58 1.79 -3.07	51.69 1.81 -8.89	54.96 2.26 -7.66	63.13 2.75 -9.18	74.22 3.98 0.00	75.54 3.75 -0.07	75.87 3.71 0.00	63.38 2.54 -3.86	53.45 1.85 -7.45	70.30 2.56 -4.13	70.10 2.78 -0.15
JENNISON___2 23626	52.30 2.08 0.00	51.22 2.04 0.00	43.01 1.86 -0.10	43.55 1.83 0.00	39.68 1.64 0.00	39.44 1.65 -0.27	37.71 1.72 0.00	25.55 0.89 -5.72	36.11 1.78 0.00	32.52 1.62 0.05	42.90 1.96 -4.29	45.66 1.83 -7.23	43.97 1.94 -2.83	44.58 1.79 -3.07	51.69 1.81 -8.89	54.96 2.26 -7.66	63.13 2.75 -9.18	74.22 3.98 0.00	75.54 3.75 -0.07	75.87 3.71 0.00	63.38 2.54 -3.86	53.45 1.85 -7.45	70.30 2.56 -4.13	70.10 2.78 -0.15
JERICHO_RISE_WT_PWR 323719	46.97 -3.25 0.00	25.41 -3.46 20.31	24.12 -2.93 14.01	18.19 -2.80 20.73	26.88 -2.82 8.34	23.34 -3.06 11.12	19.32 -2.64 14.03	2.09 -1.35 15.50	16.28 -2.48 15.57	25.36 -2.09 3.50	34.49 -2.16 0.00	35.51 -1.09 0.00	38.53 -0.67 0.00	39.43 -0.30 0.00	41.01 0.03 0.00	44.63 -0.41 0.00	50.88 -0.31 0.00	70.81 0.56 0.00	71.23 -0.49 0.00	72.05 -0.11 0.00	56.60 -0.39 0.00	43.79 -0.36 0.00	64.63 1.03 0.00	68.64 1.47 0.00
KATONAH___115KV_46KV_TB4 355592	53.15 2.93 0.00	52.07 2.89 0.00	43.56 2.21 -0.30	43.93 2.21 0.00	40.07 2.03 0.00	40.49 2.16 -0.82	38.16 2.17 0.00	37.65 1.25 -17.46	36.68 2.35 0.00	33.45 2.19 -0.30	64.53 2.70 -25.18	61.92 2.66 -22.66	54.69 2.81 -12.68	57.61 2.80 -15.08	69.97 2.77 -26.21	69.62 2.87 -21.71	81.84 3.48 -27.16	75.00 4.75 0.00	76.87 5.14 0.00	77.05 4.89 0.00	71.55 3.81 -10.76	69.84 2.90 -22.78	80.11 3.87 -12.64	71.57 3.93 -0.48
KCE_NY_1 323755	53.02 2.80 0.00	51.88 2.70 0.00	43.66 2.24 -0.36	43.98 2.26 0.00	40.19 2.15 0.00	40.75 2.24 -0.99	38.05 2.06 0.00	41.20 1.14 -21.12	36.32 1.99 0.00	32.71 1.66 -0.10	60.12 1.83 -21.63	64.94 1.82 -26.52	51.87 1.99 -10.68	53.13 2.07 -11.33	74.99 2.30 -31.70	74.00 2.71 -26.26	87.20 3.15 -32.85	74.41 4.17 0.00	75.98 4.26 0.00	76.45 4.29 0.00	73.34 3.34 -13.02	74.28 2.56 -27.55	82.53 3.64 -15.29	71.47 3.73 -0.58
KCE_NY_6_ESR 323823	48.03 -2.19 0.00	46.50 -2.69 0.00	38.57 -1.87 0.61	39.99 -1.73 0.00	36.27 -1.61 0.15	36.03 -1.61 -0.12	34.44 -1.55 0.00	20.34 -1.16 -2.57	32.32 -2.01 0.00	29.18 -1.77 0.00	36.58 -2.44 -2.38	36.85 -2.56 -2.81	37.91 -2.58 -1.29	38.44 -2.67 -1.38	39.15 -3.10 -1.27	40.44 -3.18 1.40	49.00 -3.80 -1.60	64.79 -4.60 0.85	62.61 -4.93 4.19	62.29 -4.68 5.19	45.54 -4.40 7.04	40.32 -3.26 0.58	57.54 -3.93 2.13	61.75 -2.97 2.45
KEDC_PORT_JEFF_GT2 24210	53.72 3.51 0.00	52.72 3.54 0.00	43.84 2.49 -0.30	44.45 2.73 0.00	40.52 2.49 0.00	41.10 2.77 -0.81	38.82 2.83 0.00	37.83 1.60 -17.29	37.08 2.75 0.00	33.83 2.54 -0.34	67.48 2.98 -27.84	62.61 3.04 -22.98	57.63 3.07 -15.35	62.08 3.12 -19.23	70.37 3.44 -25.95	70.57 4.04 -21.50	82.99 4.89 -26.89	76.12 5.88 0.00	80.54 7.20 -1.61	82.97 6.68 -4.13	119.07 5.11 -56.97	78.78 3.67 -30.95	116.50 5.20 -47.70	72.61 4.98 -0.47
KEDC_PORT_JEFF_GT3 24211	53.72 3.51 0.00	52.72 3.54 0.00	43.84 2.49 -0.30	44.45 2.73 0.00	40.52 2.49 0.00	41.10 2.77 -0.81	38.82 2.83 0.00	37.83 1.60 -17.29	37.08 2.75 0.00	33.83 2.54 -0.34	67.48 2.98 -27.84	62.61 3.04 -22.98	57.63 3.07 -15.35	62.08 3.12 -19.23	70.37 3.44 -25.95	70.57 4.04 -21.50	82.99 4.89 -26.89	76.12 5.88 0.00	80.54 7.20 -1.61	82.97 6.68 -4.13	119.07 5.11 -56.97	78.78 3.67 -30.95	116.50 5.20 -47.70	72.61 4.98 -0.47
KEDC_GLWD_GT4 24219	53.31 3.10 0.00	52.26 3.08 0.00	43.60 2.25 -0.30	44.01 2.29 0.00	40.12 2.08 0.00	40.60 2.28 -0.81	38.30 2.31 0.00	37.54 1.32 -17.29	36.74 2.41 0.00	33.55 2.26 -0.34	67.26 2.77 -27.84	62.35 2.77 -22.98	57.46 2.90 -15.35	61.88 2.93 -19.23	69.90 2.96 -25.95	69.68 3.15 -21.50	81.86 3.77 -26.90	75.12 4.87 0.00	80.09 5.59 -2.78	84.44 5.15 -7.13	151.51 3.95 -90.58	84.38 2.98 -37.24	141.10 4.05 -73.45	71.66 4.03 -0.47
KEDC_GLWD_GT5 24220	53.31 3.10 0.00	52.26 3.08 0.00	43.60 2.25 -0.30	44.01 2.29 0.00	40.12 2.08 0.00	40.60 2.28 -0.81	38.30 2.31 0.00	37.54 1.32 -17.29	36.74 2.41 0.00	33.55 2.26 -0.34	67.26 2.77 -27.84	62.35 2.77 -22.98	57.46 2.90 -15.35	61.88 2.93 -19.23	69.90 2.96 -25.95	69.68 3.15 -21.50	81.86 3.77 -26.90	75.12 4.87 0.00	80.09 5.59 -2.78	84.44 5.15 -7.13	151.51 3.95 -90.58	84.38 2.98 -37.24	141.10 4.05 -73.45	71.66 4.03 -0.47

KENSICO____ 23655	52.88 2.66 0.00	51.79 2.61 0.00	43.33 1.98 -0.30	43.67 1.96 0.00	39.84 1.80 0.00	40.26 1.94 -0.81	37.95 1.96 0.00	37.34 1.14 -17.25	36.45 2.12 0.00	33.29 1.99 -0.34	67.49 2.45 -28.39	62.03 2.39 -23.04	57.62 2.54 -15.88	62.28 2.51 -20.05	69.34 2.45 -25.90	68.98 2.49 -21.46	81.05 3.01 -26.84	74.30 4.05 0.00	76.18 4.46 0.00	76.35 4.18 0.00	70.90 3.28 -10.63	69.18 2.51 -22.51	79.44 3.34 -12.49	71.03 3.40 -0.47
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.44 3.22 0.00	52.32 3.14 0.00	43.74 2.41 -0.28	44.13 2.42 0.00	40.24 2.20 0.00	40.60 2.32 -0.76	38.37 2.38 0.00	36.55 1.36 -16.25	36.82 2.49 0.00	33.32 2.22 -0.14	55.95 2.55 -16.76	59.19 2.47 -20.12	48.61 2.63 -6.78	48.66 2.54 -6.39	68.06 2.67 -24.41	68.11 2.86 -20.22	80.14 3.65 -25.29	75.29 5.05 0.00	77.16 5.44 0.00	77.40 5.24 0.00	71.04 4.04 -10.02	68.39 3.02 -21.21	79.37 3.99 -11.77	71.63 4.02 -0.44
KIAC_JFK_GT1 23816	53.43 3.21 0.00	52.22 3.04 0.00	43.79 2.44 -0.30	44.19 2.47 0.00	40.27 2.23 0.00	40.71 2.38 -0.81	38.34 2.35 0.00	37.56 1.34 -17.28	36.81 2.48 0.00	33.64 2.35 -0.34	67.46 2.92 -27.90	62.52 2.94 -22.98	57.78 3.18 -15.41	62.09 3.05 -19.31	69.78 2.85 -25.95	69.41 2.88 -21.49	81.63 3.55 -26.89	74.90 4.65 0.00	76.76 5.04 0.00	76.93 4.77 0.00	71.38 3.74 -10.65	69.67 2.88 -22.64	79.92 3.70 -12.61	71.64 4.01 -0.47
KIAC_JFK_GT2 23817	53.43 3.21 0.00	52.22 3.04 0.00	43.79 2.44 -0.30	44.19 2.47 0.00	40.27 2.23 0.00	40.71 2.38 -0.81	38.34 2.35 0.00	37.56 1.34 -17.28	36.81 2.48 0.00	33.64 2.35 -0.34	67.46 2.92 -27.90	62.52 2.94 -22.98	57.78 3.18 -15.41	62.09 3.05 -19.31	69.78 2.85 -25.95	69.41 2.88 -21.49	81.63 3.55 -26.89	74.90 4.65 0.00	76.76 5.04 0.00	76.93 4.77 0.00	71.38 3.74 -10.65	69.67 2.88 -22.64	79.92 3.70 -12.61	71.64 4.01 -0.47
KIAC_JFK____ 323774	53.43 3.21 0.00	52.23 3.04 0.00	43.79 2.44 -0.30	44.18 2.47 0.00	40.27 2.24 0.00	40.71 2.38 -0.81	38.35 2.36 0.00	37.56 1.34 -17.28	36.81 2.48 0.00	33.64 2.35 -0.34	67.46 2.92 -27.90	62.52 2.94 -22.98	57.79 3.18 -15.41	62.09 3.05 -19.31	69.78 2.85 -25.95	69.41 2.88 -21.49	81.63 3.55 -26.89	74.90 4.66 0.00	76.76 5.04 0.00	76.93 4.77 0.00	71.38 3.74 -10.65	69.67 2.88 -22.64	79.91 3.69 -12.61	71.64 4.00 -0.47
KINTIGH____ 23543	47.10 -3.11 0.00	45.66 -3.52 0.00	38.39 -2.70 -0.04	39.06 -2.65 0.00	35.66 -2.38 0.00	35.18 -2.44 -0.10	33.68 -2.31 0.00	19.56 -1.51 -2.13	31.59 -2.74 0.00	28.54 -2.41 0.00	35.51 -3.11 -1.97	35.84 -3.23 -2.47	36.95 -3.33 -1.07	37.47 -3.40 -1.14	39.05 -3.86 -1.94	41.34 -4.09 -0.40	48.63 -4.71 -2.14	64.22 -6.02 0.00	64.95 -6.48 0.29	65.86 -6.30 0.00	51.34 -5.56 0.09	42.66 -4.26 -2.76	59.93 -5.21 -1.53	62.55 -4.67 -0.06
KNTFSRNC_46_KV_46KV_LOAD 80397	47.98 -2.24 0.00	27.28 -2.51 19.39	25.61 -2.07 13.38	20.05 -1.88 19.79	28.07 -2.00 7.96	24.69 -2.22 10.61	20.77 -1.83 13.40	3.24 -0.91 14.80	17.74 -1.73 14.87	26.22 -1.40 3.34	35.31 -1.34 0.00	36.38 -0.21 0.00	39.43 0.23 0.00	40.37 0.64 0.00	42.02 1.03 0.00	45.72 0.69 0.00	52.20 1.01 0.00	72.61 2.36 0.00	73.17 1.45 0.00	73.93 1.77 0.00	58.07 1.09 0.00	44.86 0.70 0.00	65.97 2.36 0.00	70.12 2.96 0.00
LACHUTE__HYDRO 323717	55.15 4.94 0.00	53.95 4.77 0.00	45.51 4.09 -0.36	45.80 4.08 0.00	41.97 3.93 0.00	42.85 4.34 -0.99	40.21 4.22 0.00	42.44 2.34 -21.15	38.21 3.88 0.00	34.28 3.23 -0.10	61.84 3.54 -21.65	66.28 3.11 -26.56	53.45 3.55 -10.70	54.83 3.75 -11.35	77.16 4.42 -31.75	76.22 4.88 -26.30	90.36 6.26 -32.90	78.43 8.18 0.00	79.91 8.19 0.00	80.04 7.88 0.00	75.65 5.64 -13.03	76.17 4.42 -27.60	84.99 6.08 -15.31	73.70 5.96 -0.58
LAWRNCV_115KV_TB1 80681	47.69 -2.53 0.00	16.86 -2.64 29.69	18.28 -2.29 20.48	9.29 -2.13 30.30	23.68 -2.17 12.19	18.81 -2.47 16.24	13.48 -2.00 20.51	-4.77 -1.06 22.65	9.64 -1.93 22.76	24.24 -1.60 5.11	34.99 -1.66 0.00	35.86 -0.74 0.00	38.69 -0.51 0.00	39.55 -0.18 0.00	41.27 0.28 0.00	44.82 -0.21 0.00	51.09 -0.11 0.00	71.05 0.80 0.00	71.61 -0.11 0.00	72.54 0.38 0.00	57.27 0.07 -0.21	44.48 -0.12 -0.44	64.94 1.08 -0.25	69.00 1.82 -0.01
LEDERLE____ 23769	52.90 2.68 0.00	51.79 2.61 0.00	43.29 1.95 -0.29	43.64 1.93 0.00	39.81 1.77 0.00	40.23 1.93 -0.78	37.95 1.96 0.00	36.84 1.14 -16.76	36.42 2.10 0.00	33.33 1.92 -0.45	54.39 2.30 -15.43	57.52 2.17 -18.75	38.66 2.29 2.84	32.93 2.25 9.05	68.36 2.23 -25.15	68.07 2.20 -20.83	79.94 2.68 -26.06	73.90 3.66 0.00	75.75 4.02 0.00	75.94 3.78 0.00	70.28 2.97 -10.32	68.27 2.25 -21.86	78.68 2.95 -12.13	70.61 2.99 -0.46
LIGHTHSE_115KV_TB6 355974	48.96 -1.26 0.00	47.87 -1.31 0.00	39.94 -1.14 -0.02	40.59 -1.13 0.00	37.12 -0.92 0.00	36.64 -0.93 -0.06	34.97 -1.02 0.00	19.72 -0.56 -1.34	33.32 -1.01 0.00	30.13 -0.82 0.00	37.07 -0.82 -1.24	37.67 -0.61 -1.68	38.95 -0.92 -0.67	39.35 -1.09 -0.72	41.95 -1.04 -2.01	45.64 -1.06 -1.66	52.14 -1.13 -2.08	68.52 -1.72 0.00	70.31 -1.41 0.00	70.89 -1.27 0.00	56.90 -0.80 -0.71	44.95 -0.72 -1.51	63.33 -1.11 -0.84	65.97 -1.23 -0.03
LINDEN COGEN____ 23786	52.92 2.70 0.00	51.80 2.62 0.00	43.31 1.96 -0.30	43.65 1.94 0.00	39.81 1.77 0.00	40.26 1.94 -0.81	37.98 1.99 0.00	37.39 1.17 -17.28	36.50 2.17 0.00	33.36 2.06 -0.34	67.06 2.52 -27.90	62.07 2.49 -22.98	57.24 2.64 -15.41	61.61 2.58 -19.31	69.34 2.40 -25.95	68.92 2.39 -21.49	81.03 2.94 -26.89	74.17 3.93 0.00	76.08 4.36 0.00	76.16 4.00 0.00	70.81 3.17 -10.65	69.16 2.45 -22.55	79.28 3.16 -12.51	70.85 3.22 -0.47
LINDHRST_69_KV_BK1 356055	53.90 3.68 0.00	52.87 3.69 0.00	43.97 2.62 -0.30	44.47 2.76 0.00	40.53 2.49 0.00	41.06 2.74 -0.81	38.77 2.78 0.00	37.79 1.56 -17.29	37.09 2.76 0.00	33.86 2.57 -0.34	67.60 3.11 -27.84	62.74 3.16 -22.98	57.79 3.23 -15.35	62.23 3.27 -19.23	70.44 3.51 -25.95	70.52 3.99 -21.50	82.85 4.76 -26.89	76.20 5.95 0.00	80.68 7.15 -1.80	83.37 6.60 -4.62	124.34 4.97 -62.39	79.84 3.71 -31.97	120.66 5.21 -51.85	72.72 5.08 -0.47
LIPA_MISC_IPP 23656	53.52 3.30 0.00	52.52 3.34 0.00	43.67 2.31 -0.30	44.40 2.68 0.00	40.50 2.47 0.00	41.09 2.77 -0.81	38.83 2.84 0.00	37.84 1.61 -17.29	36.98 2.65 0.00	33.71 2.42 -0.34	67.24 2.75 -27.84	62.36 2.79 -22.98	57.35 2.80 -15.35	61.81 2.85 -19.23	70.12 3.18 -25.95	70.35 3.82 -21.50	82.81 4.71 -26.89	75.61 5.36 0.00	80.09 6.76 -1.61	82.59 6.32 -4.12	118.59 4.81 -56.79	78.52 3.44 -30.92	116.07 4.90 -47.56	72.31 4.68 -0.47
LISF__SOLAR 323691	53.61 3.40 0.00	52.61 3.42 0.00	43.73 2.38 -0.30	44.46 2.74 0.00	40.57 2.53 0.00	41.15 2.83 -0.81	38.89 2.91 0.00	37.87 1.64 -17.29	37.03 2.70 0.00	33.75 2.47 -0.34	67.26 2.77 -27.84	62.39 2.81 -22.98	57.37 2.81 -15.35	61.82 2.87 -19.23	70.17 3.23 -25.95	70.44 3.91 -21.50	82.93 4.84 -26.89	75.76 5.51 0.00	80.25 6.91 -1.61	82.76 6.48 -4.12	118.77 4.93 -56.86	78.61 3.53 -30.93	116.23 5.02 -47.61	72.44 4.80 -0.47

LITTLE FALLS___HYD 24013	51.22 1.01 0.00	50.11 0.93 0.00	41.93 0.87 0.00	42.68 0.96 0.00	38.95 0.91 0.00	38.52 1.00 0.00	36.80 0.81 0.00	19.45 0.52 0.00	35.29 0.96 0.00	31.52 0.57 0.00	37.08 0.43 0.00	37.02 0.42 0.00	39.61 0.41 0.00	40.37 0.65 0.00	42.01 1.03 0.00	46.48 1.45 0.00	52.85 1.65 0.00	72.43 2.18 0.00	73.99 2.26 0.00	74.26 2.10 0.00	58.80 1.81 0.00	45.56 1.40 0.00	65.59 1.98 0.00	68.92 1.75 0.00
LITTLRIV_115KV_TB1 356100	48.25 -1.97 0.00	16.25 -2.12 30.81	17.94 -1.86 21.26	8.60 -1.67 31.44	23.63 -1.75 12.65	18.60 -2.06 16.85	13.13 -1.57 21.29	-5.40 -0.83 23.51	9.19 -1.51 23.62	24.38 -1.27 5.30	35.41 -1.24 0.00	36.25 -0.35 0.00	39.10 -0.10 0.00	39.96 0.24 0.00	41.74 0.75 0.00	45.34 0.31 0.00	51.82 0.62 0.00	72.12 1.87 0.00	72.68 0.96 0.00	73.61 1.45 0.00	58.08 0.88 -0.21	45.04 0.43 -0.46	65.73 1.87 -0.25	69.81 2.63 -0.01
LI_NEWBRDGE___DRP 323616	53.07 2.85 0.00	52.04 2.86 0.00	43.35 2.00 -0.30	43.80 2.09 0.00	39.93 1.89 0.00	40.46 2.13 -0.81	38.17 2.18 0.00	37.47 1.24 -17.29	36.55 2.22 0.00	33.39 2.10 -0.34	67.05 2.56 -27.84	62.17 2.60 -22.98	57.24 2.68 -15.35	61.68 2.73 -19.23	69.78 2.84 -25.95	69.66 3.13 -21.50	81.77 3.68 -26.89	74.80 4.55 0.00	78.75 5.53 -1.50	80.94 4.95 -3.83	114.34 3.76 -53.59	77.26 2.80 -30.30	112.54 3.86 -45.08	71.35 3.71 -0.47
LOCKPORT_115KV_TB60_63_64 80432	47.08 -3.14 0.00	45.63 -3.55 0.00	38.39 -2.70 -0.04	39.14 -2.57 0.00	35.71 -2.33 0.00	35.23 -2.39 -0.11	33.68 -2.31 0.00	19.62 -1.64 -2.33	31.42 -2.56 0.00	28.39 -3.45 -2.15	35.36 -3.60 -2.62	35.62 -3.47 -1.17	36.90 -3.69 -1.25	37.29 -4.10 -1.65	38.53 -4.23 0.39	40.40 -5.00 -1.91	48.11 -6.31 0.00	63.94 -6.84 0.42	64.46 -6.63 0.00	65.53 -5.89 0.62	50.47 -4.58 -3.02	42.59 -5.57 -1.68	59.72 -4.93 -0.06	62.30
LOCKPORT___CC1 323769	47.04 -3.17 0.00	45.58 -3.61 0.00	37.82 -2.73 0.50	39.10 -2.61 0.00	35.56 -2.35 0.12	35.20 -2.43 -0.11	33.66 -2.32 0.00	19.65 -1.64 -2.34	31.41 -2.92 0.00	28.38 -2.57 0.00	35.37 -3.45 -2.17	35.65 -3.58 -2.62	36.88 -3.50 -1.18	37.31 -3.67 -1.26	38.46 -4.06 -1.54	40.19 -4.23 0.61	47.99 -5.02 -1.81	63.18 -6.37 0.70	61.44 -6.88 3.41	61.24 -6.66 4.26	45.62 -5.89 5.47	39.41 -4.57 0.17	56.33 -5.70 1.58	60.18 -4.98 2.00
LOCKPORT___CC2 323770	47.04 -3.17 0.00	45.58 -3.61 0.00	37.82 -2.73 0.50	39.10 -2.61 0.00	35.56 -2.35 0.12	35.20 -2.43 -0.11	33.66 -2.32 0.00	19.65 -1.64 -2.34	31.41 -2.92 0.00	28.38 -2.57 0.00	35.37 -3.45 -2.17	35.65 -3.58 -2.62	36.88 -3.50 -1.18	37.31 -3.67 -1.26	38.46 -4.06 -1.54	40.19 -4.23 0.61	47.99 -5.02 -1.81	63.18 -6.37 0.70	61.44 -6.88 3.41	61.24 -6.66 4.26	45.62 -5.89 5.47	39.41 -4.57 0.17	56.33 -5.70 1.58	60.18 -4.98 2.00
LOCKPORT___CC3 323771	47.04 -3.17 0.00	45.58 -3.61 0.00	37.82 -2.73 0.50	39.10 -2.61 0.00	35.56 -2.35 0.12	35.20 -2.43 -0.11	33.66 -2.32 0.00	19.65 -1.64 -2.34	31.41 -2.92 0.00	28.38 -2.57 0.00	35.37 -3.45 -2.17	35.65 -3.58 -2.62	36.88 -3.50 -1.18	37.31 -3.67 -1.26	38.46 -4.06 -1.54	40.19 -4.23 0.61	47.99 -5.02 -1.81	63.18 -6.37 0.70	61.44 -6.88 3.41	61.24 -6.66 4.26	45.62 -5.89 5.47	39.41 -4.57 0.17	56.33 -5.70 1.58	60.18 -4.98 2.00
LONG_LAKE_PHOENIX 24014	49.10 -1.12 0.00	48.00 -1.18 0.00	40.10 -0.98 -0.02	40.76 -0.96 0.00	37.19 -0.85 0.00	36.75 -0.83 -0.06	35.18 -0.81 0.00	19.79 -0.48 -1.33	33.43 -0.90 0.00	30.14 -0.82 0.00	36.88 -1.01 -1.23	37.23 -1.04 -1.67	38.66 -1.21 -0.67	39.15 -1.29 -0.71	41.62 -1.36 -2.00	45.31 -1.38 -1.65	51.78 -1.49 -2.07	68.30 -1.95 0.00	69.68 -2.04 0.00	70.08 -2.08 0.00	56.07 -1.70 -0.79	44.47 -1.37 -1.68	62.50 -2.04 -0.93	64.96 -2.24 -0.03
LOVETT___3 23632	52.67 2.45 0.00	51.58 2.39 0.00	43.11 1.77 -0.29	43.46 1.75 0.00	39.65 1.61 0.00	40.07 1.77 -0.78	37.78 1.79 0.00	36.80 1.05 -16.81	36.27 1.94 0.00	33.17 1.78 -0.43	53.55 2.13 -14.78	57.33 1.99 -18.73	38.04 2.09 3.26	32.09 2.06 9.69	68.22 1.99 -25.24	67.88 1.94 -20.91	79.71 2.36 -26.15	73.43 3.19 0.00	75.28 3.55 0.00	75.44 3.28 0.00	69.93 2.59 -10.36	68.07 1.98 -21.93	78.32 2.54 -12.17	70.21 2.59 -0.46
LOVETT___4 23642	52.67 2.45 0.00	51.58 2.39 0.00	43.11 1.77 -0.29	43.46 1.75 0.00	39.65 1.61 0.00	40.07 1.77 -0.78	37.78 1.79 0.00	36.80 1.05 -16.81	36.27 1.94 0.00	33.17 1.78 -0.43	53.55 2.13 -14.78	57.33 1.99 -18.73	38.04 2.09 3.26	32.09 2.06 9.69	68.22 1.99 -25.24	67.88 1.94 -20.91	79.71 2.36 -26.15	73.43 3.19 0.00	75.28 3.55 0.00	75.44 3.28 0.00	69.93 2.59 -10.36	68.07 1.98 -21.93	78.32 2.54 -12.17	70.21 2.59 -0.46
LOVETT___5 23593	52.67 2.45 0.00	51.58 2.39 0.00	43.11 1.77 -0.29	43.46 1.75 0.00	39.65 1.61 0.00	40.07 1.77 -0.78	37.78 1.79 0.00	36.80 1.05 -16.81	36.27 1.94 0.00	33.17 1.78 -0.43	53.55 2.13 -14.78	57.33 1.99 -18.73	38.04 2.09 3.26	32.09 2.06 9.69	68.22 1.99 -25.24	67.88 1.94 -20.91	79.71 2.36 -26.15	73.43 3.19 0.00	75.28 3.55 0.00	75.44 3.28 0.00	69.93 2.59 -10.36	68.07 1.98 -21.93	78.32 2.54 -12.17	70.21 2.59 -0.46
LOWER RAQUET___HYD 24057	47.69 -2.53 0.00	14.66 -2.65 31.87	16.76 -2.30 21.99	7.05 -2.15 32.52	22.77 -2.18 13.09	17.61 -2.48 17.43	11.96 -2.01 22.02	-6.43 -1.06 24.32	7.98 -1.92 24.43	23.89 -1.58 5.48	35.02 -1.63 0.00	35.89 -0.72 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.26 0.28 0.00	44.87 -0.16 0.00	51.10 -0.10 0.00	71.10 0.86 0.00	71.74 0.02 0.00	72.68 0.52 0.00	57.40 0.19 -0.22	44.58 -0.05 -0.47	65.16 1.30 -0.26	69.06 1.89 -0.01
LOWER___HUDSON 24059	52.11 1.90 0.00	51.07 1.89 0.00	43.04 1.63 -0.36	43.35 1.64 0.00	39.61 1.57 0.00	40.11 1.62 -0.97	37.40 1.42 0.00	40.53 0.81 -20.78	35.76 1.43 0.00	32.35 1.29 -0.11	59.69 1.54 -21.50	64.27 1.56 -26.10	51.40 1.68 -10.52	52.63 1.75 -11.15	74.11 1.92 -31.20	73.06 2.18 -25.85	85.90 2.37 -32.33	73.41 3.17 0.00	74.94 3.22 0.00	75.42 3.25 0.00	72.49 2.70 -12.81	73.38 2.10 -27.12	81.65 3.00 -15.05	70.89 3.16 -0.57
LOWVILLE_115KV_TB2 356335	47.70 -2.52 0.00	82.60 -2.30 -35.72	63.58 -2.13 -24.65	76.08 -2.08 -36.45	50.90 -1.81 -14.67	55.15 -1.94 -19.58	58.94 -1.73 -24.68	45.75 -0.81 -27.62	60.27 -1.44 -27.38	35.82 -1.28 -6.15	35.85 -1.14 -0.34	36.44 -0.62 -0.46	38.36 -1.03 -0.18	38.99 -0.93 -0.20	41.54 0.01 -0.55	45.74 0.25 -0.46	50.92 -0.85 -0.57	69.61 -0.63 0.00	72.15 0.42 0.00	72.95 0.79 0.00	58.46 1.10 -0.37	45.62 0.68 -0.78	65.09 1.05 -0.43	68.49 1.31 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	52.97 2.75 0.00	51.87 2.69 0.00	43.67 2.25 -0.36	44.00 2.28 0.00	40.18 2.14 0.00	40.72 2.21 -0.99	38.05 2.06 0.00	41.19 1.13 -21.12	36.31 1.98 0.00	32.70 1.65 -0.10	60.10 1.82 -21.63	64.91 1.79 -26.52	51.84 1.95 -10.68	53.09 2.03 -11.33	74.94 2.25 -31.70	73.95 2.66 -26.26	87.13 3.08 -32.85	74.35 4.11 0.00	75.91 4.19 0.00	76.35 4.19 0.00	73.28 3.28 -13.02	74.24 2.52 -27.55	82.45 3.56 -15.29	71.40 3.66 -0.58

LUTHERNY_35_KV_BK2 355980	53.02 2.80 0.00	51.88 2.70 0.00	43.66 2.24 -0.36	43.98 2.27 0.00	40.19 2.15 0.00	40.75 2.24 -0.99	38.05 2.06 0.00	41.20 1.14 -21.12	36.32 1.99 0.00	32.71 1.66 -0.10	60.12 1.84 -21.63	64.94 1.82 -26.52	51.87 1.99 -10.68	53.13 2.07 -11.33	74.99 2.31 -31.70	74.00 2.70 -26.26	87.19 3.15 -32.85	74.42 4.17 0.00	75.99 4.27 0.00	76.45 4.29 0.00	73.34 3.34 -13.02	74.28 2.56 -27.55	82.54 3.65 -15.29	71.47 3.73 -0.58
LWR___OSWEGATCHIE_HYD 23850	47.32 -2.90 0.00	-2.10 -2.85 48.43	5.06 -2.59 33.41	-10.19 -2.48 49.42	15.81 -2.34 19.89	8.47 -2.56 26.49	0.35 -2.18 33.46	-18.85 -1.10 36.69	-4.79 -1.99 37.12	20.98 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.31 -0.08 -0.40	45.09 -0.27 -0.33	50.86 -0.75 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.34 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.74 0.77 -0.37	68.43 1.25 -0.01
LYONS_FALL_HYD 23570	48.98 -1.24 0.00	44.27 -1.10 3.82	37.39 -1.04 2.63	36.81 -1.01 3.90	35.62 -0.84 1.57	34.53 -0.92 2.07	32.58 -0.77 2.64	16.08 -0.34 2.51	30.81 -0.59 2.93	29.76 -0.54 0.66	36.62 -0.40 -0.37	37.03 -0.07 -0.50	39.12 -0.29 -0.20	39.71 -0.24 -0.21	41.97 0.38 -0.60	46.10 0.57 -0.50	51.82 0.00 -0.62	70.61 0.37 0.00	72.73 1.01 0.00	73.42 1.26 0.00	58.61 1.28 -0.34	45.72 0.84 -0.73	65.29 1.28 -0.40	68.60 1.42 -0.02
MADISON___COUNTY_LFGE 323628	50.95 0.73 0.00	53.53 0.79 -3.56	44.16 0.64 -2.47	46.04 0.70 -3.63	40.21 0.71 -1.46	40.24 0.73 -1.99	39.21 0.76 -2.46	22.98 0.42 -3.62	37.81 0.75 -2.72	32.17 0.61 -0.61	38.18 0.69 -0.84	38.49 0.74 -1.14	40.45 0.79 -0.45	40.97 0.75 -0.49	43.19 0.84 -1.37	47.21 1.05 -1.13	53.90 1.29 -1.42	72.03 1.79 0.00	73.62 1.90 0.00	74.04 1.88 0.00	59.02 1.45 -0.58	46.42 1.04 -1.23	65.71 1.43 -0.68	68.69 1.50 -0.03
MALONE___115KV_TB1 356076	47.87 -2.35 0.00	23.35 -2.62 23.21	22.81 -2.23 16.02	15.94 -2.09 23.69	26.37 -2.13 9.53	22.42 -2.39 12.71	18.01 -1.94 16.04	0.23 -1.00 17.71	14.73 -1.81 17.79	25.48 -1.48 4.00	35.21 -1.44 0.00	36.18 -0.42 0.00	39.19 -0.01 0.00	40.08 0.35 0.00	41.73 0.75 0.00	45.37 0.34 0.00	51.80 0.61 0.00	72.11 1.86 0.00	72.58 0.85 0.00	73.42 1.26 0.00	57.84 0.68 -0.17	44.89 0.37 -0.37	65.68 1.87 -0.20	69.70 2.52 -0.01
MAPLEWOD_115KV_TB3 80458	51.71 1.50 0.00	50.70 1.52 0.00	42.69 1.28 -0.36	43.00 1.29 0.00	39.25 1.21 0.00	39.72 1.24 -0.97	37.09 1.10 0.00	40.23 0.62 -20.67	35.49 1.16 0.00	32.12 1.06 -0.11	59.43 1.39 -21.40	63.98 1.42 -25.96	51.19 1.52 -10.46	52.44 1.62 -11.10	73.72 1.70 -31.04	72.66 1.92 -25.71	85.39 2.04 -32.16	73.12 2.88 0.00	74.59 2.86 0.00	75.06 2.90 0.00	72.14 2.42 -12.74	73.01 1.88 -26.97	81.31 2.74 -14.97	70.65 2.93 -0.56
MAPLE_RIDGE_WT_1 323574	47.97 -2.25 0.00	39.80 -2.24 7.14	34.36 -1.77 4.93	32.64 -1.79 7.29	33.35 -1.75 2.93	31.75 -1.86 3.91	29.41 -1.64 4.93	12.62 -0.87 5.45	27.33 -1.52 5.48	28.42 -1.30 1.23	35.14 -1.51 0.00	35.44 -1.16 0.00	38.37 -0.83 0.00	39.31 -0.41 0.00	40.77 -0.21 0.00	44.52 -0.51 0.00	50.51 -0.69 0.00	69.48 -0.76 0.00	70.61 -1.12 0.00	71.14 -1.02 0.00	56.43 -0.55 0.00	43.80 -0.36 0.00	63.71 0.10 0.00	67.49 0.33 0.00
MAPLE_RIDGE_WT_2 323611	47.97 -2.25 0.00	39.80 -2.24 7.14	34.36 -1.77 4.93	32.64 -1.79 7.29	33.35 -1.75 2.93	31.75 -1.86 3.91	29.41 -1.64 4.93	12.62 -0.87 5.45	27.33 -1.52 5.48	28.42 -1.30 1.23	35.14 -1.51 0.00	35.44 -1.16 0.00	38.37 -0.83 0.00	39.31 -0.41 0.00	40.77 -0.21 0.00	44.52 -0.51 0.00	50.51 -0.69 0.00	69.48 -0.76 0.00	70.61 -1.12 0.00	71.14 -1.02 0.00	56.43 -0.55 0.00	43.80 -0.36 0.00	63.71 0.10 0.00	67.49 0.33 0.00
MARBLE_RIVER_WT_PWR 323696	47.09 -3.13 0.00	26.79 -3.33 19.07	25.11 -2.79 13.15	19.61 -2.65 19.46	27.53 -2.68 7.83	24.17 -2.91 10.44	20.32 -2.50 13.17	3.11 -1.28 14.55	17.33 -2.38 14.62	25.67 -2.00 3.28	34.59 -2.05 0.00	35.62 -0.98 0.00	38.63 -0.57 0.00	39.53 -0.19 0.00	41.11 0.13 0.00	44.75 -0.29 0.00	51.04 -0.16 0.00	70.96 0.72 0.00	71.45 -0.28 0.00	72.24 0.08 0.00	56.76 -0.23 0.00	43.91 -0.25 0.00	64.76 1.15 0.00	68.75 1.59 0.00
MARSHVLE_115KV_TB1 80742	52.87 2.66 0.00	51.73 2.55 0.00	43.58 2.12 -0.40	43.83 2.12 0.00	39.97 1.93 0.00	40.42 1.80 -1.10	37.78 1.79 0.00	43.47 0.95 -23.58	35.91 1.59 0.00	32.15 1.13 -0.07	60.92 1.07 -23.20	67.39 1.17 -29.62	52.57 1.48 -11.89	53.93 1.54 -12.66	78.35 1.96 -35.40	76.71 2.35 -29.33	90.80 2.92 -36.69	74.53 4.29 0.00	76.05 4.32 0.00	76.50 4.34 0.00	74.66 3.14 -14.53	77.36 2.43 -30.77	84.11 3.43 -17.07	71.54 3.74 -0.64
MARSH_HILL_WT_PWR 323713	47.80 -2.41 0.00	46.51 -2.67 0.00	39.17 -1.94 -0.06	39.95 -1.77 0.00	36.51 -1.53 0.00	36.27 -1.40 -0.15	34.85 -1.14 0.00	21.55 -0.69 -3.29	33.20 -1.13 0.00	29.82 -1.14 0.00	37.86 -1.84 -3.05	39.97 -2.00 -5.37	38.85 -2.01 -1.65	39.47 -2.03 -1.77	51.37 -2.21 -12.59	60.57 -2.17 -17.70	61.00 -2.41 -12.22	67.42 -2.83 0.00	69.95 -3.53 -1.75	68.35 -3.82 0.00	63.81 -3.66 -10.48	45.60 -2.83 -4.28	62.36 -3.62 -2.37	63.74 -3.51 -0.09
MCINTYRE_115KV_TB2 80467	48.51 -1.71 0.00	18.18 -1.88 29.12	19.33 -1.64 20.09	10.55 -1.45 29.71	24.50 -1.58 11.96	19.71 -1.88 15.93	14.48 -1.39 20.11	-4.01 -0.74 22.22	10.64 -1.37 22.32	24.77 -1.18 5.01	35.52 -1.13 0.00	36.35 -0.25 0.00	39.23 0.03 0.00	40.11 0.38 0.00	41.90 0.92 0.00	45.50 0.46 0.00	52.11 0.91 0.00	72.58 2.33 0.00	73.01 1.29 0.00	73.95 1.79 0.00	58.29 1.10 -0.21	45.18 0.59 -0.44	66.01 2.17 -0.24	70.14 2.96 -0.01
MECO_____69_KV_BK1 80468	53.60 3.38 0.00	52.41 3.23 0.00	44.12 2.67 -0.39	44.40 2.68 0.00	40.50 2.46 0.00	40.97 2.39 -1.06	38.36 2.37 0.00	42.95 1.28 -22.73	36.54 2.22 0.00	32.44 1.41 -0.08	60.59 1.30 -22.63	66.41 1.27 -28.54	52.18 1.51 -11.47	53.63 1.70 -12.20	77.55 2.45 -34.12	76.46 3.16 -28.26	90.53 3.98 -35.36	75.98 5.74 0.00	77.52 5.79 0.00	77.95 5.79 0.00	75.31 4.32 -14.01	77.08 3.27 -29.65	84.59 4.54 -16.45	72.50 4.72 -0.62
MENANDS___115KV_TB5 355628	51.39 1.18 0.00	50.41 1.22 0.00	42.45 1.04 -0.35	42.76 1.04 0.00	39.04 1.00 0.00	39.50 1.02 -0.96	36.89 0.90 0.00	40.08 0.50 -20.63	35.28 0.95 0.00	31.97 0.90 -0.11	59.26 1.24 -21.37	63.79 1.27 -25.91	51.03 1.38 -10.44	52.26 1.46 -11.07	73.48 1.52 -30.98	72.35 1.66 -25.66	85.00 1.70 -32.10	72.68 2.43 0.00	74.13 2.41 0.00	74.60 2.44 0.00	71.80 2.10 -12.72	72.70 1.63 -26.92	80.96 2.42 -14.94	70.37 2.65 -0.56
MG INDUSTRY___DRP 24185	51.57 1.35 0.00	50.57 1.39 0.00	42.55 1.15 -0.35	42.89 1.17 0.00	39.12 1.08 0.00	39.51 1.05 -0.94	36.94 0.95 0.00	39.67 0.51 -20.22	35.27 0.94 0.00	31.91 0.84 -0.12	58.72 0.97 -21.10	63.05 1.05 -25.39	50.65 1.20 -10.24	51.89 1.31 -10.85	72.69 1.35 -30.36	71.76 1.58 -25.15	84.41 1.75 -31.45	72.71 2.46 0.00	74.14 2.42 0.00	74.65 2.49 0.00	71.53 2.09 -12.46	72.17 1.63 -26.38	80.65 2.40 -14.64	70.34 2.62 -0.55

MID___OSWEGATCHIE_HYD 23849	47.32 -2.90 0.00	-2.10 -2.85 48.43	5.06 -2.59 33.41	-10.19 -2.48 49.42	15.81 -2.34 19.89	8.47 -2.56 26.49	0.35 -2.18 33.46	-18.85 -1.10 36.69	-4.79 -1.99 37.12	20.98 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.31 -0.08 -0.40	45.09 -0.27 -0.33	50.86 -0.75 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.34 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.74 0.77 -0.37	68.43 1.25 -0.01
MID___RAQUETTE_HYD 23851	47.69 -2.53 0.00	14.68 -2.63 31.87	16.77 -2.30 21.99	7.05 -2.14 32.52	22.78 -2.17 13.09	17.62 -2.47 17.43	11.97 -2.00 22.02	-6.42 -1.05 24.32	7.99 -1.91 24.43	23.89 -1.58 5.48	35.02 -1.63 0.00	35.89 -0.71 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.29 0.31 0.00	44.87 -0.16 0.00	51.11 -0.09 0.00	71.10 0.86 0.00	71.74 0.02 0.00	72.68 0.52 0.00	57.40 0.19 -0.22	44.58 -0.05 -0.47	65.03 1.16 -0.26	69.06 1.88 -0.01
MILLIKEN___1 23584	51.09 0.87 0.00	49.88 0.70 0.00	41.72 0.61 -0.06	42.33 0.62 0.00	38.66 0.62 0.00	38.32 0.64 -0.15	36.66 0.67 0.00	22.53 0.31 -3.28	34.96 0.64 0.00	31.46 0.51 0.00	40.17 0.48 -3.04	41.16 0.34 -4.22	41.20 0.35 -1.65	41.81 0.32 -1.76	46.80 0.31 -5.50	50.65 0.52 -5.10	57.67 0.84 -5.64	71.52 1.27 0.00	73.15 1.29 -0.13	73.44 1.28 0.00	60.38 0.75 -2.65	48.90 0.47 -4.27	66.69 0.72 -2.37	67.89 0.63 -0.09
MILLIKEN___2 23585	51.09 0.87 0.00	49.88 0.70 0.00	41.72 0.61 -0.06	42.33 0.62 0.00	38.66 0.62 0.00	38.32 0.64 -0.15	36.66 0.67 0.00	22.53 0.31 -3.28	34.96 0.64 0.00	31.46 0.51 0.00	40.17 0.48 -3.04	41.16 0.34 -4.22	41.20 0.35 -1.65	41.81 0.32 -1.76	46.80 0.31 -5.50	50.65 0.52 -5.10	57.67 0.84 -5.64	71.52 1.27 0.00	73.15 1.29 -0.13	73.44 1.28 0.00	60.38 0.75 -2.65	48.90 0.47 -4.27	66.69 0.72 -2.37	67.89 0.63 -0.09
MILLIKEN___DIESEL 23629	51.09 0.87 0.00	49.88 0.70 0.00	41.72 0.61 -0.06	42.33 0.62 0.00	38.66 0.62 0.00	38.32 0.64 -0.15	36.66 0.67 0.00	22.53 0.31 -3.28	34.96 0.64 0.00	31.46 0.51 0.00	40.17 0.48 -3.04	41.16 0.34 -4.22	41.20 0.35 -1.65	41.81 0.32 -1.76	46.80 0.31 -5.50	50.65 0.52 -5.10	57.67 0.84 -5.64	71.52 1.27 0.00	73.15 1.29 -0.13	73.44 1.28 0.00	60.38 0.75 -2.65	48.90 0.47 -4.27	66.69 0.72 -2.37	67.89 0.63 -0.09
MILLSEAT___LFGE 323607	48.18 -2.04 0.00	46.68 -2.50 0.00	38.74 -1.86 0.45	39.97 -1.75 0.00	36.37 -1.56 0.11	36.01 -1.61 -0.10	34.47 -1.52 0.00	20.03 -1.17 -2.25	32.28 -2.04 0.00	29.14 -1.81 0.00	36.16 -2.58 -2.08	36.35 -2.83 -2.58	37.77 -2.81 -1.13	38.13 -3.00 -1.21	39.82 -2.96 -1.83	42.12 -3.45 -0.05	49.81 -3.45 -2.07	65.42 -4.19 0.64	64.00 -4.68 3.04	63.77 -4.52 3.88	48.14 -4.21 4.63	40.82 -3.33 0.00	58.26 -3.99 1.35	62.00 -3.35 1.82
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.78 2.56 0.00	51.70 2.52 0.00	43.24 1.89 -0.30	43.60 1.88 0.00	39.77 1.73 0.00	40.19 1.86 -0.80	37.88 1.89 0.00	37.24 1.11 -17.20	36.38 2.05 0.00	33.22 1.91 -0.35	67.83 2.35 -28.83	61.93 2.29 -23.04	57.83 2.42 -16.22	62.68 2.38 -20.57	69.15 2.35 -25.83	68.79 2.37 -21.39	80.83 2.88 -26.76	74.13 3.89 0.00	75.99 4.27 0.00	76.17 4.00 0.00	70.72 3.13 -10.60	69.01 2.41 -22.44	79.23 3.18 -12.45	70.88 3.24 -0.47
MILLWOOD_13_KV_LOAD 356217	52.86 2.64 0.00	51.78 2.59 0.00	43.30 1.95 -0.30	43.64 1.93 0.00	39.82 1.78 0.00	40.25 1.93 -0.80	37.93 1.94 0.00	37.28 1.14 -17.20	36.43 2.10 0.00	33.27 1.96 -0.35	67.88 2.40 -28.83	61.98 2.33 -23.04	57.89 2.47 -16.22	62.74 2.45 -20.57	69.21 2.40 -25.83	68.86 2.44 -21.39	80.92 2.96 -26.76	74.25 4.01 0.00	76.11 4.39 0.00	76.29 4.13 0.00	70.83 3.24 -10.60	69.07 2.47 -22.44	79.33 3.27 -12.45	70.96 3.33 -0.47
MODEL_CITY_ENERGY 24167	46.56 -3.66 0.00	45.15 -4.04 0.00	37.41 -3.12 0.53	38.73 -2.99 0.00	35.21 -2.70 0.13	34.86 -2.77 -0.11	33.29 -2.70 0.00	19.44 -1.87 -2.37	31.01 -3.32 0.00	28.03 -2.93 0.00	34.97 -3.88 -2.19	35.27 -3.98 -2.66	36.41 -3.98 -1.19	36.86 -4.14 -1.27	38.09 -4.49 -1.60	39.82 -4.69 0.53	47.46 -5.61 -1.87	62.26 -7.24 0.74	60.36 -7.79 3.58	60.04 -7.61 4.51	44.69 -6.59 5.71	38.73 -5.10 0.33	55.54 -6.31 1.76	59.48 -5.56 2.12
MODERN_LFGE___ 323580	46.56 -3.66 0.00	45.15 -4.04 0.00	37.41 -3.12 0.53	38.73 -2.99 0.00	35.21 -2.70 0.13	34.86 -2.77 -0.11	33.29 -2.70 0.00	19.44 -1.87 -2.37	31.01 -3.32 0.00	28.03 -2.93 0.00	34.97 -3.88 -2.19	35.27 -3.98 -2.66	36.41 -3.98 -1.19	36.86 -4.14 -1.27	38.09 -4.49 -1.60	39.82 -4.69 0.53	47.46 -5.61 -1.87	62.26 -7.24 0.74	60.36 -7.79 3.58	60.04 -7.61 4.51	44.69 -6.59 5.71	38.73 -5.10 0.33	55.54 -6.31 1.76	59.48 -5.56 2.12
MOHAWK_PAPER___DRP 24187	51.71 1.50 0.00	50.70 1.52 0.00	42.69 1.28 -0.36	43.00 1.29 0.00	39.25 1.21 0.00	39.72 1.24 -0.97	37.09 1.10 0.00	40.23 0.62 -20.67	35.49 1.16 0.00	32.12 1.06 -0.11	59.43 1.39 -21.40	63.98 1.42 -25.96	51.19 1.52 -10.46	52.44 1.62 -11.10	73.72 1.70 -31.04	72.66 1.92 -25.71	85.39 2.04 -32.16	73.12 2.88 0.00	74.59 2.86 0.00	75.06 2.90 0.00	72.14 2.42 -12.74	73.01 1.88 -26.97	81.31 2.74 -14.97	70.65 2.93 -0.56
MOHICAN___35_KV_115KV_LD 80490	53.71 3.49 0.00	52.57 3.39 0.00	44.27 2.85 -0.36	44.60 2.89 0.00	40.77 2.74 0.00	41.39 2.88 -0.99	38.73 2.74 0.00	41.56 1.48 -21.14	36.83 2.50 0.00	33.06 2.00 -0.10	60.36 2.07 -21.64	65.07 1.92 -26.55	52.07 2.18 -10.69	53.31 2.23 -11.34	75.20 2.49 -31.73	74.27 2.96 -26.29	87.65 3.57 -32.88	74.96 4.72 0.00	76.49 4.77 0.00	76.88 4.72 0.00	73.56 3.55 -13.03	74.46 2.72 -27.58	82.74 3.83 -15.30	71.59 3.85 -0.58
MONGAUP___HYD 23641	53.13 2.91 0.00	51.99 2.81 0.00	43.52 2.19 -0.27	43.90 2.18 0.00	40.02 1.99 0.00	40.36 2.10 -0.74	38.12 2.13 0.00	35.94 1.21 -15.78	36.45 2.13 0.00	31.68 1.81 1.08	25.66 1.91 12.90	56.68 1.71 -18.37	40.69 1.82 0.33	38.61 1.85 2.96	66.61 1.93 -23.69	67.09 2.44 -19.63	79.03 3.28 -24.55	74.91 4.66 0.00	76.51 4.78 0.00	76.95 4.79 0.00	70.46 3.75 -9.73	67.58 2.83 -20.59	78.77 3.74 -11.43	71.33 3.74 -0.43
MONTAUK___DIESEL 23721	52.97 2.76 0.00	51.84 2.66 0.00	43.03 1.68 -0.30	44.05 2.33 0.00	40.57 2.53 0.00	41.30 2.97 -0.81	39.04 3.06 0.00	37.95 1.73 -17.29	36.85 2.52 0.00	33.61 2.32 -0.34	67.01 2.52 -27.84	61.90 2.33 -22.98	56.85 2.29 -15.35	61.21 2.26 -19.23	69.56 2.62 -25.95	69.99 3.46 -21.50	82.86 4.77 -26.89	75.73 5.48 0.00	81.05 7.72 -1.61	83.32 7.04 -4.12	119.20 5.39 -56.82	78.69 3.61 -30.93	115.29 4.11 -47.58	71.57 3.93 -0.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.67 -2.55 0.00	45.91 -3.27 0.00	39.12 -1.98 -0.05	39.86 -1.86 0.00	36.41 -1.63 0.00	36.16 -1.49 -0.12	34.86 -1.13 0.00	20.71 -0.91 -2.68	32.89 -1.44 0.00	29.89 -1.06 0.00	37.66 -1.47 -2.48	37.83 -1.82 -3.04	38.48 -2.07 -1.35	38.95 -2.21 -1.44	40.37 -2.63 -2.02	42.11 -2.69 0.23	50.34 -3.16 -2.31	67.00 -3.24 0.00	67.62 -3.65 0.46	68.30 -3.86 0.00	52.56 -3.85 0.57	44.80 -2.84 -3.48	61.88 -3.66 -1.93	64.57 -2.67 -0.07

MORRIS_RIDGE___SOLAR 323848	47.64 -2.58 0.00	46.33 -2.85 0.00	39.04 -2.07 -0.06	39.82 -1.90 0.00	36.37 -1.67 0.00	36.06 -1.61 -0.15	34.55 -1.44 0.00	21.22 -0.90 -3.18	32.71 -1.62 0.00	29.37 -1.58 0.00	37.19 -2.40 -2.95	36.22 -2.55 -2.17	38.18 -2.62 -1.60	38.87 -2.57 -1.71	31.57 -2.86 6.55	25.96 -2.88 16.19	42.46 -3.18 5.55	66.23 -4.01 0.00	64.79 -4.34 2.60	67.84 -4.32 0.00	42.46 -3.96 10.56	45.28 -3.02 -4.14	62.09 -3.81 -2.30	63.80 -3.45 -0.09
MORTIMER_115KV_TB3 55949	48.44 -1.78 0.00	47.06 -2.12 0.00	39.48 -1.60 -0.03	40.15 -1.57 0.00	36.65 -1.39 0.00	36.19 -1.41 -0.09	34.68 -1.31 0.00	19.99 -0.90 -1.94	32.71 -1.62 0.00	29.51 -1.45 0.00	36.53 -1.92 -1.80	36.97 -2.06 -2.44	37.99 -2.19 -0.97	38.63 -2.14 -1.04	41.53 -2.38 -2.92	45.01 -2.43 -2.42	51.52 -2.70 -3.02	66.94 -3.30 0.00	68.10 -3.63 0.00	68.63 -3.54 0.00	54.91 -3.27 -1.19	44.12 -2.56 -2.52	61.87 -3.14 -1.40	64.34 -2.88 -0.05
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.08 2.86 0.00	51.96 2.78 0.00	43.47 2.12 -0.30	43.83 2.11 0.00	39.98 1.94 0.00	40.41 2.09 -0.81	38.11 2.12 0.00	37.46 1.23 -17.28	36.62 2.29 0.00	33.46 2.17 -0.34	67.18 2.66 -27.87	62.21 2.63 -22.98	57.39 2.80 -15.38	61.77 2.77 -19.27	69.59 2.65 -25.95	69.20 2.67 -21.50	81.32 3.23 -26.89	74.58 4.34 0.00	76.49 4.76 0.00	76.61 4.45 0.00	71.15 3.51 -10.65	69.42 2.71 -22.56	79.70 3.58 -12.51	71.29 3.65 -0.47
MUNSVILLE_WIND_PWR 323609	54.05 3.83 0.00	52.67 3.49 0.00	44.45 3.14 -0.25	44.84 3.12 0.00	40.97 2.89 -0.04	40.77 3.02 -0.24	39.07 3.08 0.00	25.65 1.63 -5.08	37.45 3.12 0.00	33.62 2.71 0.04	43.72 3.26 -3.81	46.11 3.07 -6.44	44.93 3.22 -2.51	45.56 3.11 -2.72	52.15 3.12 -8.04	55.80 3.70 -7.07	64.17 4.69 -8.29	77.51 7.06 -0.21	79.59 6.88 -0.98	80.45 7.01 -1.27	66.96 4.97 -5.01	55.21 3.48 -7.57	73.21 4.95 -4.64	73.16 5.24 -0.75
N SALMON___HYD 24042	47.87 -2.35 0.00	23.35 -2.62 23.21	22.80 -2.24 16.02	15.93 -2.10 23.69	26.36 -2.14 9.53	22.41 -2.40 12.71	18.00 -1.95 16.04	0.23 -1.00 17.71	14.72 -1.82 17.79	25.48 -1.48 4.00	35.21 -1.44 0.00	36.17 -0.43 0.00	39.19 -0.01 0.00	40.08 0.35 0.00	41.70 0.72 0.00	45.37 0.34 0.00	51.79 0.59 0.00	72.11 1.86 0.00	72.58 0.86 0.00	73.42 1.26 0.00	57.84 0.68 -0.17	44.89 0.37 -0.37	65.82 2.01 -0.20	69.70 2.53 -0.01
N.AKRON__115KV_KNAPP 355671	47.91 -2.31 0.00	46.43 -2.76 0.00	39.03 -2.07 -0.04	39.76 -1.95 0.00	36.30 -1.74 0.00	35.81 -1.81 -0.11	34.27 -1.72 0.00	19.92 -1.30 -2.28	32.06 -2.27 0.00	28.95 -2.01 0.00	35.96 -2.81 -2.11	36.18 -3.02 -2.60	38.13 -2.21 -1.14	37.98 -2.97 -1.22	39.42 -3.33 -1.76	41.56 -3.34 0.13	49.32 -3.88 -2.00	65.47 -4.77 0.00	66.07 -5.11 0.38	67.06 -4.69 0.00	51.84 -3.69 0.44	43.42 -4.38 -2.96	60.86 -4.38 -1.64	63.44 -3.79 -0.06
N.BELMOR_69_KV_BK1 55787	53.43 3.22 0.00	52.40 3.22 0.00	43.64 2.29 -0.30	44.10 2.38 0.00	40.19 2.16 0.00	40.72 2.39 -0.81	38.41 2.42 0.00	37.60 1.37 -17.29	36.80 2.47 0.00	33.60 2.31 -0.34	67.26 2.76 -27.84	62.37 2.80 -22.98	57.45 2.89 -15.35	61.87 2.92 -19.23	69.98 3.04 -25.95	69.89 3.36 -21.50	82.05 3.96 -26.89	75.17 4.92 0.00	79.88 5.92 -2.24	83.34 5.45 -5.73	135.92 4.00 -74.93	81.64 3.13 -34.36	129.48 4.35 -61.52	71.91 4.28 -0.47
N.E_GEN_SANDY PD 24062	50.81 1.93 1.34	51.15 1.96 0.00	42.99 1.61 -0.33	43.29 1.61 0.04	39.58 1.55 0.00	40.15 1.65 -0.98	37.47 1.47 0.00	38.87 0.86 -19.07	35.92 1.59 0.00	32.66 1.51 -0.19	63.18 1.95 -24.57	62.88 2.00 -24.28	52.71 2.12 -11.39	54.67 2.13 -12.82	71.83 2.22 -28.63	94.39 2.37 -46.98	97.11 2.66 -43.25	108.18 3.61 -34.32	85.17 3.79 -9.65	84.92 3.74 -9.03	87.31 3.03 -27.29	88.62 2.36 -42.10	99.38 3.27 -32.50	79.13 3.42 -8.55
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.75 2.54 0.00	51.65 2.47 0.00	43.18 1.84 -0.29	43.53 1.81 0.00	39.71 1.67 0.00	40.12 1.82 -0.78	37.84 1.85 0.00	36.81 1.09 -16.78	36.32 1.99 0.00	33.22 1.83 -0.45	53.98 2.19 -15.15	57.40 2.05 -18.74	38.31 2.16 3.04	32.49 2.13 9.37	68.26 2.08 -25.20	67.94 2.04 -20.87	79.80 2.49 -26.11	73.61 3.36 0.00	75.45 3.73 0.00	75.64 3.48 0.00	70.06 2.73 -10.34	68.14 2.09 -21.90	78.46 2.70 -12.15	70.38 2.75 -0.46
N.QUEENS_27_KV_LOAD 356247	53.05 2.83 0.00	52.05 2.86 0.00	43.60 2.25 -0.30	43.95 2.23 0.00	40.08 2.05 0.00	40.51 2.19 -0.81	38.19 2.20 0.00	37.49 1.26 -17.28	36.70 2.37 0.00	33.61 2.32 -0.34	67.40 2.87 -27.88	62.47 2.89 -22.98	57.67 3.07 -15.39	62.10 3.08 -19.29	69.79 2.86 -25.95	69.51 2.98 -21.49	81.65 3.57 -26.89	75.00 4.76 0.00	76.86 5.14 0.00	76.82 4.66 0.00	71.38 3.75 -10.65	69.57 2.82 -22.60	79.84 3.67 -12.57	71.59 3.95 -0.47
N.TROY___115KV_TB1 355778	52.11 1.90 0.00	51.07 1.89 0.00	43.04 1.63 -0.36	43.36 1.64 0.00	39.61 1.57 0.00	40.11 1.62 -0.97	37.40 1.42 0.00	40.53 0.81 -20.78	35.76 1.43 0.00	32.35 1.29 -0.11	59.69 1.54 -21.50	64.27 1.56 -26.10	51.40 1.68 -10.52	52.63 1.74 -11.15	74.10 1.91 -31.20	73.06 2.18 -25.85	85.90 2.36 -32.33	73.42 3.17 0.00	74.95 3.23 0.00	75.42 3.26 0.00	72.49 2.70 -12.81	73.37 2.09 -27.12	81.65 3.00 -15.05	70.89 3.16 -0.57
NARROWS_GT1_1 24228	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_2 24229	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_3 24230	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_4 24231	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47

NARROWS_GT1_5 24232	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_6 24233	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_7 24234	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT1_8 24235	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_1 24236	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_2 24237	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_3 24238	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_4 24239	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_5 24240	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_6 24241	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_7 24242	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NARROWS_GT2_8 24243	53.20 2.99 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.15 0.00	40.63 2.30 -0.81	38.32 2.33 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.78 4.54 0.00	76.74 5.02 0.00	76.83 4.67 0.00	71.34 3.70 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.48 3.85 -0.47
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.79 2.57 0.00	51.74 2.55 0.00	43.55 2.15 -0.34	43.94 2.22 0.00	40.09 2.06 0.00	40.46 2.03 -0.91	37.89 1.90 0.00	39.49 0.98 -19.57	36.23 1.90 0.00	32.76 1.67 -0.14	59.11 1.52 -20.94	62.67 1.50 -24.58	50.86 1.73 -9.94	52.19 1.96 -10.50	72.70 2.34 -29.38	72.21 2.84 -24.33	84.98 3.34 -30.44	75.21 4.97 0.00	76.56 4.84 0.00	77.01 4.85 0.00	72.90 3.86 -12.06	72.57 2.88 -25.53	82.00 4.23 -14.17	72.23 4.54 -0.53
NCHELSEA_115KV_TR2 355582	53.23 3.02 0.00	52.15 2.97 0.00	43.64 2.28 -0.30	43.99 2.27 0.00	40.13 2.10 0.00	40.54 2.21 -0.81	38.21 2.22 0.00	37.52 1.27 -17.31	36.68 2.35 0.00	33.43 2.16 -0.31	61.66 2.63 -22.39	60.93 2.59 -21.73	50.90 2.75 -8.95	51.77 2.75 -9.29	69.74 2.78 -25.98	69.48 2.93 -21.52	81.71 3.59 -26.92	75.17 4.93 0.00	77.02 5.30 0.00	77.24 5.08 0.00	71.59 3.93 -10.66	69.71 2.98 -22.58	80.15 4.01 -12.53	71.70 4.07 -0.47
NEG CAPITAL___MECHNVIL 23645	52.94 2.72 0.00	51.83 2.65 0.00	43.64 2.23 -0.36	43.97 2.25 0.00	40.15 2.11 0.00	40.68 2.18 -0.98	38.01 2.02 0.00	41.08 1.13 -21.02	36.31 1.99 0.00	32.74 1.69 -0.11	60.13 1.89 -21.60	64.87 1.87 -26.40	51.87 2.04 -10.63	53.12 2.11 -11.28	74.88 2.34 -31.55	73.92 2.75 -26.14	87.04 3.15 -32.70	74.49 4.25 0.00	76.03 4.31 0.00	76.48 4.32 0.00	73.35 3.41 -12.95	74.19 2.61 -27.42	82.48 3.66 -15.21	71.51 3.77 -0.57

NEG CENTRAL_HIGH_ACRES 23767	47.98 -2.24 0.00	46.67 -2.51 0.00	38.89 -1.97 0.19	39.76 -1.96 0.00	36.24 -1.74 0.05	35.87 -1.74 -0.09	34.37 -1.62 0.00	19.82 -1.01 -1.89	32.51 -1.83 0.00	29.31 -1.64 0.00	36.28 -2.12 -1.75	36.73 -2.24 -2.37	37.74 -2.41 -0.95	38.37 -2.37 -1.01	41.28 -2.54 -2.84	44.76 -2.62 -2.35	51.25 -2.88 -2.94	66.33 -3.63 0.29	66.59 -3.92 1.22	66.52 -3.88 1.76	52.74 -3.45 0.79	42.55 -2.72 -1.12	60.04 -3.57 -0.01	62.93 -3.44 0.80
NEG CENTRAL___DRP 24199	49.98 -0.23 0.00	48.75 -0.43 0.00	40.78 -0.30 -0.04	41.45 -0.27 0.00	37.83 -0.20 0.00	37.46 -0.16 -0.10	35.90 -0.09 0.00	20.94 -0.11 -2.11	34.17 -0.16 0.00	30.72 -0.23 0.00	38.12 -0.48 -1.95	38.80 -0.56 -2.76	39.61 -0.65 -1.06	40.19 -0.66 -1.13	44.12 -0.75 -3.88	48.31 -0.62 -3.90	54.66 -0.48 -3.94	69.83 -0.41 0.00	71.39 -0.50 -0.16	71.61 -0.55 0.00	58.32 -0.75 -2.08	46.24 -0.64 -2.73	64.27 -0.84 -1.51	66.30 -0.92 -0.06
NEG CENTRAL___INDECK 23768	49.80 -0.42 0.00	48.33 -0.85 0.00	40.54 -0.47 0.05	41.38 -0.34 0.00	37.78 -0.24 0.02	37.44 -0.21 -0.13	35.92 -0.07 0.00	21.52 -0.19 -2.76	34.07 -0.26 0.00	30.56 -0.39 0.00	38.48 -0.73 -2.56	40.38 -0.96 -4.74	39.48 -1.11 -1.39	40.24 -0.97 -1.48	51.96 -1.05 -12.02	61.72 -0.76 -17.44	62.06 -0.74 -11.60	69.68 -0.44 0.12	72.22 -0.78 -1.28	70.63 -0.78 0.75	65.29 -1.26 -9.56	46.03 -1.15 -3.02	63.48 -1.54 -1.41	65.04 -1.84 0.29
NEG CENTRAL___SENECA 23627	49.94 -0.28 0.00	48.66 -0.52 0.00	40.73 -0.37 -0.04	41.45 -0.27 0.00	37.81 -0.23 0.00	37.44 -0.19 -0.11	35.91 -0.08 0.00	21.17 -0.10 -2.33	34.20 -0.13 0.00	30.72 -0.24 0.00	38.25 -0.55 -2.16	39.07 -0.64 -3.11	39.67 -0.70 -1.17	40.27 -0.70 -1.25	44.81 -0.81 -4.64	49.35 -0.62 -4.94	55.43 -0.45 -4.69	69.97 -0.27 0.00	71.55 -0.44 -0.26	71.69 -0.47 0.00	58.92 -0.75 -2.69	46.55 -0.63 -3.02	64.47 -0.82 -1.68	66.39 -0.84 -0.06
NEG CENTRAL___STATE_STREET 24147	50.42 0.21 0.00	49.26 0.08 0.00	41.20 0.11 -0.04	41.70 -0.02 0.00	38.17 0.13 0.00	37.79 0.17 -0.10	36.20 0.21 0.00	21.00 0.00 -2.07	34.41 0.08 0.00	30.98 0.02 0.00	38.48 -0.08 -1.91	39.04 -0.15 -2.59	39.87 -0.36 -1.04	40.51 -0.32 -1.11	43.74 -0.34 -3.10	47.29 -0.31 -2.57	54.35 -0.06 -3.21	70.17 -0.07 0.00	71.78 0.05 0.00	72.22 0.05 0.00	57.88 -0.37 -1.26	46.49 -0.33 -2.67	64.80 -0.29 -1.48	66.65 -0.57 -0.06
NEG MILLWOOD___DRP 24198	53.44 3.22 0.00	52.34 3.15 0.00	43.78 2.42 -0.30	44.14 2.43 0.00	40.28 2.24 0.00	40.69 2.36 -0.81	38.37 2.38 0.00	37.73 1.36 -17.43	36.87 2.54 0.00	33.60 2.35 -0.30	63.03 2.87 -23.51	61.65 2.83 -22.22	52.86 2.99 -10.66	54.66 2.99 -11.95	70.14 2.98 -26.17	69.86 3.15 -21.68	82.17 3.85 -27.12	75.53 5.29 0.00	77.39 5.67 0.00	77.60 5.44 0.00	71.95 4.23 -10.74	70.10 3.20 -22.74	80.52 4.30 -12.62	71.99 4.35 -0.47
NEG NORTH_FLCN_SEA 23793	47.69 -2.53 0.00	27.20 -2.76 19.22	25.54 -2.26 13.26	20.04 -2.06 19.61	27.98 -2.17 7.89	24.62 -2.38 10.52	20.71 -2.00 13.28	3.28 -1.00 14.66	17.67 -1.92 14.73	26.06 -1.58 3.31	35.11 -1.54 0.00	36.18 -0.42 0.00	39.20 0.00 0.00	40.13 0.40 0.00	41.78 0.79 0.00	45.46 0.42 0.00	51.87 0.68 0.00	72.07 1.83 0.00	72.68 0.96 0.00	73.43 1.27 0.00	57.69 0.71 0.00	44.60 0.44 0.00	65.60 2.00 0.00	69.73 2.57 0.00
NEG NORTH_KES_CHATEGAY 23792	47.14 -3.08 0.00	25.58 -3.32 20.29	24.28 -2.78 14.00	18.36 -2.65 20.70	27.05 -2.66 8.33	23.50 -2.92 11.11	19.50 -2.47 14.02	2.18 -1.28 15.48	16.41 -2.36 15.55	25.46 -2.00 3.49	34.61 -2.04 0.00	35.63 -0.97 0.00	38.63 -0.57 0.00	39.57 -0.16 0.00	41.18 0.19 0.00	44.76 -0.27 0.00	51.09 -0.11 0.00	71.08 0.83 0.00	71.51 -0.22 0.00	72.37 0.20 0.00	56.82 -0.16 0.00	43.96 -0.20 0.00	64.70 1.09 0.00	68.83 1.67 0.00
NEG NORTH___ALICE_FALLS 23915	47.98 -2.24 0.00	27.28 -2.51 19.39	25.61 -2.07 13.38	20.05 -1.88 19.79	28.07 -2.00 7.96	24.69 -2.22 10.61	20.77 -1.83 13.40	3.24 -0.91 14.80	17.74 -1.73 14.87	26.22 -1.40 3.34	35.31 -1.34 0.00	36.38 -0.21 0.00	39.43 0.23 0.00	40.37 0.64 0.00	42.02 1.03 0.00	45.72 0.69 0.00	52.20 1.01 0.00	72.61 2.36 0.00	73.17 1.45 0.00	73.93 1.77 0.00	58.07 1.09 0.00	44.86 0.70 0.00	65.97 2.36 0.00	70.12 2.96 0.00
NEG NORTH___LWR_SARANAC 23913	47.98 -2.24 0.00	27.28 -2.51 19.39	25.61 -2.07 13.38	20.05 -1.88 19.79	28.07 -2.00 7.96	24.69 -2.22 10.61	20.77 -1.83 13.40	3.24 -0.91 14.80	17.74 -1.73 14.87	26.22 -1.40 3.34	35.31 -1.34 0.00	36.38 -0.21 0.00	39.43 0.23 0.00	40.37 0.64 0.00	42.02 1.03 0.00	45.72 0.69 0.00	52.20 1.01 0.00	72.61 2.36 0.00	73.17 1.45 0.00	73.93 1.77 0.00	58.07 1.09 0.00	44.86 0.70 0.00	65.97 2.36 0.00	70.12 2.96 0.00
NEG NORTH___PLATTSBURG 23628	47.98 -2.24 0.00	27.27 -2.52 19.39	25.61 -2.07 13.38	20.04 -1.89 19.79	28.07 -2.00 7.96	24.68 -2.22 10.61	20.76 -1.84 13.40	3.24 -0.91 14.80	17.73 -1.73 14.87	26.22 -1.40 3.34	35.31 -1.34 0.00	36.38 -0.22 0.00	39.43 0.23 0.00	40.37 0.64 0.00	41.99 1.01 0.00	45.72 0.69 0.00	52.19 1.00 0.00	72.61 2.37 0.00	73.17 1.45 0.00	73.93 1.77 0.00	58.07 1.09 0.00	44.86 0.70 0.00	66.11 2.50 0.00	70.13 2.97 0.00
NEG WEST_LEA_LOCKPORT 23791	47.04 -3.18 0.00	45.59 -3.60 0.00	38.37 -2.73 -0.04	39.10 -2.61 0.00	35.68 -2.36 0.00	35.20 -2.43 -0.11	33.67 -2.32 0.00	19.64 -1.65 -2.34	31.41 -2.92 0.00	28.38 -2.57 0.00	35.37 -3.45 -2.17	35.63 -3.59 -2.62	36.88 -3.50 -1.18	37.29 -3.69 -1.26	38.38 -4.14 -1.54	40.12 -4.30 0.61	47.97 -5.04 -1.81	63.88 -6.36 0.00	64.40 -6.87 0.45	65.48 -6.68 0.00	50.29 -5.94 0.75	42.58 -4.62 -3.04	59.64 -5.65 -1.69	62.22 -5.01 -0.06
NEG WEST___LANCASTER 23811	49.80 -0.42 0.00	48.17 -1.02 0.00	40.54 -0.56 -0.05	41.25 -0.46 0.00	37.66 -0.38 0.00	37.17 -0.47 -0.13	35.50 -0.49 0.00	21.06 -0.58 -2.70	33.44 -0.89 0.00	30.24 -0.71 0.00	37.92 -1.23 -2.50	38.34 -1.32 -3.06	39.40 -1.16 -1.36	39.78 -1.40 -1.45	41.10 -1.88 -2.00	42.93 -1.81 0.30	51.27 -2.22 -2.30	67.94 -2.30 0.00	68.80 -2.45 0.47	69.89 -2.27 0.00	53.96 -2.41 0.62	45.96 -1.71 -3.51	63.91 -1.64 -1.95	66.57 -0.66 -0.07
NEG_PENN_ALLEGHNY 23528	50.54 0.32 0.00	49.29 0.11 0.00	41.50 0.12 -0.32	41.91 0.20 0.00	38.24 0.14 -0.05	37.92 0.15 -0.25	36.16 0.17 0.00	24.36 0.10 -5.32	34.58 0.25 0.00	31.08 0.17 0.05	40.74 0.12 -3.97	43.38 0.11 -6.68	41.96 0.13 -2.63	42.65 0.07 -2.85	49.00 0.03 -7.98	51.79 0.15 -6.61	59.69 0.23 -8.27	70.89 0.35 -0.30	73.30 0.31 -1.27	74.29 0.30 -1.83	62.34 0.05 -5.30	52.43 -0.03 -8.31	68.90 0.05 -5.25	68.22 0.02 -1.03
NEG___GEN_MONROE 24207	48.74 -1.48 0.00	47.34 -1.84 0.00	39.71 -1.38 -0.03	40.39 -1.32 0.00	36.87 -1.18 0.00	36.40 -1.21 -0.09	34.90 -1.09 0.00	20.09 -0.81 -1.96	32.89 -1.44 0.00	29.66 -1.30 0.00	36.65 -1.82 -1.81	36.97 -2.03 -2.40	38.11 -2.07 -0.98	38.75 -2.03 -1.05	41.34 -2.21 -2.57	44.58 -2.22 -1.77	51.47 -2.43 -2.70	67.41 -2.84 0.00	68.43 -3.20 0.09	69.06 -3.10 0.00	54.80 -2.97 -0.79	44.33 -2.37 -2.54	62.20 -2.81 -1.41	64.71 -2.51 -0.05

NEPA__ENERGY 23901	47.83 -2.39 0.00	46.25 -2.93 0.00	39.08 -2.02 -0.04	39.81 -1.91 0.00	36.36 -1.68 0.00	35.96 -1.68 -0.12	34.50 -1.49 0.00	20.39 -1.13 -2.58	32.40 -1.93 0.00	29.32 -1.63 0.00	36.81 -2.23 -2.39	36.99 -2.42 -2.81	38.00 -2.50 -1.29	38.49 -2.62 -1.39	39.09 -3.08 -1.18	40.25 -3.20 1.59	49.03 -3.69 -1.52	65.99 -4.26 0.00	66.40 -4.70 0.62	67.52 -4.64 0.00	51.19 -4.40 1.40	44.17 -3.34 -3.35	61.47 -3.99 -1.86	64.11 -3.12 -0.07
NEVERSINK__HYD 23608	52.99 2.77 0.00	51.90 2.72 0.00	43.42 2.11 -0.26	43.83 2.12 0.00	39.98 1.94 0.00	40.25 2.03 -0.71	38.07 2.09 0.00	35.28 1.20 -15.14	36.51 2.18 0.00	32.91 1.92 -0.04	52.10 2.22 -13.23	57.38 2.16 -18.62	47.13 2.29 -5.64	46.98 2.23 -5.02	66.03 2.31 -22.74	66.37 2.51 -18.83	77.94 3.19 -23.56	74.64 4.40 0.00	76.42 4.70 0.00	76.74 4.58 0.00	69.87 3.55 -9.33	66.55 2.63 -19.76	78.04 3.47 -10.96	71.09 3.52 -0.41
NEWKRMKL_115KV_TB1 55635	51.16 0.95 0.00	50.18 0.99 0.00	42.23 0.82 -0.35	42.53 0.81 0.00	38.82 0.78 0.00	39.28 0.80 -0.96	36.73 0.74 0.00	39.99 0.41 -20.64	35.14 0.81 0.00	31.83 0.76 -0.11	59.11 1.12 -21.35	63.66 1.14 -25.92	50.89 1.24 -10.45	52.14 1.34 -11.08	73.33 1.36 -30.98	72.20 1.50 -25.66	84.81 1.51 -32.10	72.51 2.27 0.00	73.94 2.22 0.00	74.39 2.23 0.00	71.63 1.92 -12.72	72.57 1.48 -26.93	80.77 2.22 -14.94	70.21 2.49 -0.56
NEWTON__FALLS_HYD 23847	47.32 -2.90 0.00	-2.10 -2.85 48.43	5.06 -2.59 33.41	-10.19 -2.48 49.42	15.81 -2.34 19.89	8.47 -2.56 26.49	0.35 -2.18 33.46	-18.85 -1.10 36.69	-4.79 -1.99 37.12	20.98 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.31 -0.08 -0.40	45.09 -0.27 -0.33	50.86 -0.75 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.34 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.74 0.77 -0.37	68.43 1.25 -0.01
NGRID_A1_DSASP 323792	46.20 -4.02 0.00	44.69 -4.50 0.00	37.05 -3.45 0.56	38.33 -3.38 0.00	34.85 -3.05 0.14	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.78 -3.55 0.00	27.83 -3.13 0.00	34.81 -4.05 -2.21	35.10 -4.17 -2.67	36.15 -4.24 -1.20	36.69 -4.31 -1.28	37.67 -4.89 -1.57	39.25 -5.17 0.61	47.03 -6.02 -1.85	61.67 -7.80 0.78	59.65 -8.33 3.74	59.38 -8.05 4.73	44.03 -6.96 6.00	38.29 -5.39 0.48	55.13 -6.56 1.91	59.27 -5.66 2.23
NGRID_A2_DSASP 323793	46.20 -4.02 0.00	44.69 -4.50 0.00	37.05 -3.45 0.56	38.33 -3.38 0.00	34.85 -3.05 0.14	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.78 -3.55 0.00	27.83 -3.13 0.00	34.81 -4.05 -2.21	35.10 -4.17 -2.67	36.15 -4.24 -1.20	36.69 -4.31 -1.28	37.67 -4.89 -1.57	39.25 -5.17 0.61	47.03 -6.02 -1.85	61.67 -7.80 0.78	59.65 -8.33 3.74	59.38 -8.05 4.73	44.03 -6.96 6.00	38.29 -5.39 0.48	55.13 -6.56 1.91	59.27 -5.66 2.23
NGRID_A4_DSASP 323807	46.20 -4.02 0.00	44.69 -4.50 0.00	37.05 -3.45 0.56	38.33 -3.38 0.00	34.85 -3.05 0.14	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.78 -3.55 0.00	27.83 -3.13 0.00	34.81 -4.05 -2.21	35.10 -4.17 -2.67	36.15 -4.24 -1.20	36.69 -4.31 -1.28	37.67 -4.89 -1.57	39.25 -5.17 0.61	47.03 -6.02 -1.85	61.67 -7.80 0.78	59.65 -8.33 3.74	59.38 -8.05 4.73	44.03 -6.96 6.00	38.29 -5.39 0.48	55.13 -6.56 1.91	59.27 -5.66 2.23
NIAGARA_115E_LBMP 323715	46.27 -3.95 0.00	44.88 -4.30 0.00	37.15 -3.36 0.55	38.50 -3.21 0.00	34.99 -2.91 0.14	34.64 -2.99 -0.11	33.06 -2.92 0.00	19.33 -2.00 -2.39	30.76 -3.57 0.00	27.81 -3.14 0.00	34.73 -4.13 -2.21	35.05 -4.23 -2.68	36.13 -4.27 -1.20	36.59 -4.42 -1.28	37.79 -4.77 -1.58	39.45 -4.98 0.60	47.04 -6.01 -1.85	61.68 -7.80 0.76	59.68 -8.36 3.68	59.33 -8.18 4.65	44.06 -7.02 5.91	38.32 -5.43 0.40	55.02 -6.74 1.85	59.02 -5.96 2.19
NIAGARA_115W_LBMP 323714	46.13 -4.09 0.00	44.60 -4.59 0.00	36.97 -3.52 0.56	38.26 -3.46 0.00	34.79 -3.12 0.14	34.41 -3.22 -0.11	32.98 -3.01 0.00	19.31 -2.01 -2.38	30.72 -3.61 0.00	27.77 -3.18 0.00	34.74 -4.12 -2.20	35.03 -4.23 -2.67	36.08 -4.32 -1.20	36.61 -4.39 -1.28	37.60 -4.96 -1.58	39.18 -5.26 0.59	46.93 -6.12 -1.85	61.53 -7.94 0.78	59.53 -8.46 3.73	59.24 -8.19 4.73	43.95 -7.05 5.99	38.20 -5.48 0.48	55.02 -6.67 1.91	59.15 -5.78 2.23
NIAGARA_230_LBMP 323716	46.58 -3.63 0.00	45.08 -4.10 0.00	37.38 -3.12 0.56	38.67 -3.05 0.00	35.16 -2.74 0.14	34.80 -2.83 -0.11	33.32 -2.67 0.00	19.49 -1.80 -2.35	31.07 -3.26 0.00	28.09 -2.86 0.00	35.13 -3.70 -2.18	35.44 -3.81 -2.65	36.49 -3.89 -1.18	37.02 -3.98 -1.26	38.12 -4.50 -1.63	39.80 -4.78 0.46	47.49 -5.60 -1.89	62.32 -7.15 0.77	60.34 -7.69 3.70	60.01 -7.43 4.71	44.59 -6.51 5.88	38.70 -4.95 0.50	55.63 -6.05 1.92	59.73 -5.21 2.22
NIAGARA__115KV_198_GIBSON 55903	46.12 -4.10 0.00	44.60 -4.58 0.00	37.58 -3.51 -0.04	38.26 -3.46 0.00	34.92 -3.12 0.00	34.41 -3.22 -0.11	32.98 -3.01 0.00	19.30 -2.02 -2.38	30.71 -3.62 0.00	27.77 -3.18 0.00	34.74 -4.11 -2.20	35.02 -4.25 -2.67	36.08 -4.31 -1.20	36.60 -4.41 -1.28	37.54 -5.02 -1.58	39.14 -5.31 0.59	46.91 -6.14 -1.85	62.30 -7.95 0.00	62.78 -8.49 0.46	63.97 -8.19 0.00	49.21 -7.03 0.75	41.72 -5.52 -3.09	58.72 -6.60 -1.71	61.42 -5.82 -0.06
NIAGARA____ 23760	46.58 -3.63 0.00	45.08 -4.10 0.00	37.38 -3.12 0.55	38.67 -3.05 0.00	35.16 -2.74 0.14	34.80 -2.83 -0.11	33.32 -2.67 0.00	19.51 -1.80 -2.37	31.07 -3.26 0.00	28.09 -2.86 0.00	35.14 -3.70 -2.19	35.45 -3.81 -2.66	36.50 -3.89 -1.19	37.02 -3.98 -1.27	38.10 -4.50 -1.62	39.76 -4.78 0.50	47.48 -5.60 -1.88	62.32 -7.15 0.77	60.34 -7.69 3.70	60.03 -7.43 4.70	44.58 -6.51 5.89	38.74 -4.95 0.47	55.66 -6.05 1.89	59.75 -5.21 2.21
NINE_MILE_1 23575	48.69 -1.52 0.00	47.62 -1.56 0.00	39.81 -1.26 -0.02	40.45 -1.27 0.00	36.90 -1.13 0.00	36.46 -1.11 -0.05	34.92 -1.07 0.00	19.32 -0.63 -1.01	33.16 -1.17 0.00	29.89 -1.06 0.00	36.28 -1.31 -0.93	36.53 -1.34 -1.27	38.23 -1.47 -0.51	38.73 -1.54 -0.54	40.86 -1.63 -1.51	44.55 -1.73 -1.26	50.80 -1.97 -1.57	67.59 -2.65 0.00	68.96 -2.76 0.00	69.40 -2.77 0.00	55.34 -2.26 -0.61	43.70 -1.76 -1.30	61.80 -2.53 -0.72	64.53 -2.66 -0.03
NINE_MILE_2 23744	48.70 -1.52 0.00	47.64 -1.55 0.00	39.81 -1.26 -0.02	40.45 -1.26 0.00	36.91 -1.13 0.00	36.46 -1.10 -0.05	34.92 -1.07 0.00	19.32 -0.63 -1.01	33.16 -1.17 0.00	29.89 -1.06 0.00	36.28 -1.31 -0.93	36.53 -1.34 -1.27	38.24 -1.47 -0.51	38.73 -1.54 -0.54	40.87 -1.63 -1.51	44.55 -1.73 -1.25	50.79 -1.97 -1.56	67.59 -2.65 0.00	68.96 -2.76 0.00	69.40 -2.77 0.00	55.34 -2.26 -0.61	43.69 -1.76 -1.30	61.80 -2.52 -0.72	64.53 -2.66 -0.03
NM_CAPITAL__DRP 24208	51.27 1.05 0.00	50.29 1.11 0.00	42.34 0.93 -0.35	42.65 0.93 0.00	38.94 0.90 0.00	39.40 0.92 -0.96	36.80 0.81 0.00	39.99 0.46 -20.59	35.21 0.87 0.00	31.91 0.84 -0.11	59.18 1.18 -21.34	63.66 1.21 -25.85	50.94 1.31 -10.42	52.16 1.38 -11.05	73.32 1.43 -30.90	72.20 1.57 -25.60	84.81 1.59 -32.02	72.55 2.31 0.00	73.99 2.27 0.00	74.46 2.30 0.00	71.65 1.98 -12.69	72.56 1.54 -26.86	80.81 2.30 -14.90	70.28 2.55 -0.56

NM_CENTRAL___DRP 24181	49.67 -0.55 0.00	48.56 -0.62 0.00	40.59 -0.49 -0.03	41.24 -0.47 0.00	37.62 -0.42 0.00	37.21 -0.38 -0.07	35.62 -0.36 0.00	20.14 -0.25 -1.45	33.87 -0.46 0.00	30.51 -0.44 0.00	37.41 -0.58 -1.34	37.82 -0.61 -1.82	39.22 -0.71 -0.73	39.69 -0.82 -0.78	42.27 -0.90 -2.18	45.94 -0.90 -1.81	52.50 -0.96 -2.26	69.01 -1.24 0.00	70.42 -1.30 0.00	70.84 -1.32 0.00	56.73 -1.14 -0.88	45.10 -0.93 -1.87	63.29 -1.35 -1.04	65.77 -1.43 -0.04
NM_FRONTIER___DRP 24179	46.12 -4.10 0.00	44.60 -4.58 0.00	37.58 -3.51 -0.04	38.26 -3.46 0.00	34.92 -3.12 0.00	34.41 -3.22 -0.11	32.98 -3.01 0.00	19.30 -2.02 -2.38	30.71 -3.62 0.00	27.77 -3.18 0.00	34.74 -4.11 -2.20	35.02 -4.25 -2.67	36.08 -4.31 -1.20	36.60 -4.41 -1.28	37.54 -5.02 -1.58	39.14 -5.31 0.59	46.91 -6.14 -1.85	62.30 -7.95 0.00	62.78 -8.49 0.46	63.97 -8.19 0.00	49.21 -7.03 0.75	41.72 -5.52 -3.09	58.72 -6.60 -1.71	61.42 -5.82 -0.06
NM_ST_REGIS___HYD 24053	47.74 -2.48 0.00	16.45 -2.64 30.09	18.02 -2.28 20.76	8.88 -2.13 30.71	23.51 -2.17 12.36	18.61 -2.45 16.46	13.22 -1.98 20.79	-5.06 -1.04 22.96	9.38 -1.88 23.06	24.22 -1.55 5.18	35.09 -1.56 0.00	35.98 -0.62 0.00	38.86 -0.34 0.00	39.72 -0.01 0.00	41.44 0.45 0.00	45.03 0.00 0.00	51.33 0.13 0.00	71.42 1.17 0.00	72.00 0.28 0.00	72.91 0.75 0.00	57.56 0.36 -0.21	44.70 0.09 -0.45	65.26 1.40 -0.25	69.28 2.10 -0.01
NORTHPORT___1 23551	53.50 3.28 0.00	52.57 3.38 0.00	43.66 2.31 -0.30	44.17 2.46 0.00	40.24 2.19 0.00	40.80 2.47 -0.81	38.50 2.50 0.00	37.64 1.42 -17.29	36.80 2.48 0.00	33.63 2.35 -0.34	67.41 2.91 -27.84	62.55 2.97 -22.98	57.57 3.01 -15.35	62.07 3.11 -19.23	70.24 3.30 -25.95	70.30 3.77 -21.50	82.42 4.32 -26.89	75.34 5.10 0.00	79.99 6.68 -1.58	82.16 5.95 -4.06	117.77 4.63 -56.15	78.34 3.38 -30.81	115.50 4.82 -47.07	72.29 4.66 -0.47
NORTHPORT___2 23552	53.50 3.28 0.00	52.57 3.38 0.00	43.66 2.31 -0.30	44.17 2.46 0.00	40.24 2.19 0.00	40.80 2.47 -0.81	38.50 2.50 0.00	37.64 1.42 -17.29	36.80 2.48 0.00	33.63 2.35 -0.34	67.41 2.91 -27.84	62.55 2.97 -22.98	57.57 3.01 -15.35	62.07 3.11 -19.23	70.24 3.30 -25.95	70.30 3.77 -21.50	82.42 4.32 -26.89	75.34 5.10 0.00	79.99 6.68 -1.58	82.16 5.95 -4.06	117.77 4.63 -56.15	78.34 3.38 -30.81	115.50 4.82 -47.07	72.29 4.66 -0.47
NORTHPORT___3 23553	52.93 2.71 0.00	52.00 2.82 0.00	43.24 1.89 -0.30	43.73 2.01 0.00	39.84 1.81 0.00	40.38 2.06 -0.81	38.11 2.12 0.00	37.44 1.21 -17.29	36.48 2.15 0.00	33.30 2.01 -0.34	66.99 2.50 -27.84	62.15 2.57 -22.98	57.14 2.58 -15.35	61.61 2.66 -19.23	69.76 2.82 -25.95	69.74 3.21 -21.50	81.86 3.77 -26.89	74.76 4.52 0.00	78.96 5.64 -1.60	81.40 5.15 -4.10	117.48 3.93 -56.57	77.88 2.85 -30.87	114.95 3.97 -47.38	71.45 3.81 -0.47
NORTHPORT___4 23650	52.93 2.71 0.00	52.00 2.82 0.00	43.24 1.89 -0.30	43.73 2.01 0.00	39.84 1.81 0.00	40.38 2.06 -0.81	38.11 2.12 0.00	37.44 1.21 -17.29	36.48 2.15 0.00	33.30 2.01 -0.34	66.99 2.50 -27.84	62.15 2.57 -22.98	57.14 2.58 -15.35	61.61 2.66 -19.23	69.76 2.82 -25.95	69.74 3.21 -21.50	81.86 3.77 -26.89	74.76 4.52 0.00	78.96 5.64 -1.60	81.40 5.15 -4.10	117.48 3.93 -56.57	77.88 2.85 -30.87	114.95 3.97 -47.38	71.45 3.81 -0.47
NORTHPORT___IC 23718	53.50 3.28 0.00	52.56 3.38 0.00	43.66 2.31 -0.30	44.17 2.45 0.00	40.24 2.20 0.00	40.80 2.47 -0.81	38.50 2.51 0.00	37.65 1.42 -17.29	36.80 2.47 0.00	33.64 2.35 -0.34	67.41 2.91 -27.84	62.55 2.97 -22.98	57.57 3.02 -15.35	62.07 3.11 -19.23	70.24 3.30 -25.95	70.30 3.77 -21.50	82.41 4.32 -26.89	75.34 5.10 0.00	79.99 6.68 -1.58	82.16 5.94 -4.06	117.77 4.63 -56.15	78.34 3.38 -30.81	115.51 4.83 -47.07	72.30 4.67 -0.47
NORTH___COUNTRY_ESR 323785	46.97 -3.25 0.00	25.41 -3.46 20.31	24.12 -2.93 14.01	18.19 -2.80 20.73	26.88 -2.82 8.34	23.34 -3.06 11.12	19.32 -2.64 14.03	2.09 -1.35 15.50	16.28 -2.48 15.57	25.36 -2.09 3.50	34.49 -2.16 0.00	35.51 -1.09 0.00	38.53 -0.67 0.00	39.43 -0.30 0.00	41.01 0.03 0.00	44.63 -0.41 0.00	50.88 -0.31 0.00	70.81 0.56 0.00	71.23 -0.49 0.00	72.05 -0.11 0.00	56.60 -0.39 0.00	43.79 -0.36 0.00	64.63 1.03 0.00	68.64 1.47 0.00
NPX_GEN_1385_PROXY 323591	53.48 3.27 0.00	52.95 3.77 0.00	43.42 2.07 -0.30	43.95 2.23 0.00	40.03 2.00 0.00	40.86 2.54 -0.81	38.75 2.76 0.00	37.76 1.53 -17.29	36.92 2.59 0.00	33.45 2.15 -0.34	67.28 2.79 -27.84	62.62 3.04 -22.98	57.40 2.84 -15.35	62.21 3.25 -19.23	70.40 3.47 -25.95	71.03 4.50 -21.50	82.67 4.58 -26.89	75.02 4.78 0.00	81.90 8.59 -1.58	83.51 7.29 -4.06	119.36 6.22 -56.15	79.28 4.32 -30.81	116.84 6.16 -47.07	73.38 5.74 -0.47
NPX_GEN_CSC 323557	53.57 3.35 0.00	52.55 3.37 0.00	43.69 2.34 -0.30	44.57 2.85 0.00	40.68 2.65 0.00	41.27 2.95 -0.81	39.02 3.03 0.00	37.93 1.71 -17.29	37.03 2.70 0.00	33.75 2.46 -0.34	67.24 2.75 -27.84	62.36 2.78 -22.98	57.32 2.77 -15.35	61.78 2.82 -19.23	70.14 3.20 -25.95	70.42 3.89 -21.50	82.96 4.86 -26.89	75.47 5.23 0.00	80.00 6.67 -1.61	82.66 6.39 -4.12	118.64 4.85 -56.80	78.51 3.43 -30.92	116.00 4.83 -47.57	72.22 4.59 -0.47
NSINS_S___GLNS_FALLS 23858	53.68 3.46 0.00	52.53 3.34 0.00	44.22 2.80 -0.36	44.56 2.85 0.00	40.73 2.69 0.00	41.34 2.83 -0.99	38.69 2.71 0.00	41.54 1.45 -21.15	36.76 2.43 0.00	32.97 1.92 -0.10	60.26 1.96 -21.65	64.98 1.81 -26.56	51.95 2.05 -10.70	53.18 2.10 -11.35	75.07 2.34 -31.75	74.14 2.80 -26.30	87.50 3.41 -32.90	74.74 4.49 0.00	76.24 4.52 0.00	76.63 4.47 0.00	73.39 3.37 -13.03	74.33 2.58 -27.60	82.54 3.62 -15.31	71.35 3.61 -0.58
NUCOR_STEEL___DRP 24197	50.40 0.18 0.00	49.24 0.06 0.00	41.19 0.10 -0.03	41.66 -0.06 0.00	38.14 0.10 0.00	37.77 0.16 -0.09	36.18 0.19 0.00	20.90 -0.02 -1.98	34.37 0.04 0.00	30.95 0.00 0.00	38.38 -0.10 -1.83	38.92 -0.17 -2.49	39.80 -0.40 -0.99	40.45 -0.34 -1.06	43.60 -0.36 -2.97	47.14 -0.35 -2.46	54.17 -0.11 -3.08	70.04 -0.21 0.00	71.66 -0.07 0.00	72.10 -0.06 0.00	57.73 -0.47 -1.21	46.31 -0.40 -2.56	64.69 -0.34 -1.42	66.56 -0.66 -0.05
NUMBER_THREE_WT_PWR 323818	47.51 -2.71 0.00	-24.28 -2.51 70.95	-10.17 -2.29 48.94	-32.95 -2.25 72.41	6.95 -1.95 29.14	-3.41 -2.11 38.82	-14.91 -1.87 49.02	-35.73 -0.89 53.78	-21.64 -1.58 54.39	17.34 -1.40 12.22	35.73 -1.26 -0.34	36.35 -0.70 -0.46	38.25 -1.13 -0.18	38.88 -1.04 -0.20	41.46 -0.07 -0.54	45.65 0.17 -0.45	50.78 -0.99 -0.57	69.44 -0.80 0.00	72.01 0.29 0.00	72.84 0.68 0.00	58.38 1.03 -0.37	45.56 0.61 -0.79	65.07 1.02 -0.44	68.42 1.24 -0.02
NYISO_LBMP_REFERENCE 24008	50.22 0.00 0.00	49.18 0.00 0.00	41.05 0.00 0.00	41.72 0.00 0.00	38.04 0.00 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.94 0.00 0.00	34.33 0.00 0.00	30.96 0.00 0.00	36.65 0.00 0.00	36.60 0.00 0.00	39.20 0.00 0.00	39.73 0.00 0.00	40.98 0.00 0.00	45.03 0.00 0.00	51.20 0.00 0.00	70.24 0.00 0.00	71.72 0.00 0.00	72.16 0.00 0.00	56.99 0.00 0.00	44.16 0.00 0.00	63.60 0.00 0.00	67.17 0.00 0.00

NYPA_BRENTWD____GT 24164	53.95	52.94	44.01	44.54	40.59	41.14	38.85	37.84	37.15	33.92	67.68	62.80	57.84	62.30	70.55	70.70	83.04	76.31	80.80	83.15	119.80	79.06	117.17	72.86
	3.73	3.75	2.65	2.82	2.55	2.82	2.86	1.61	2.82	2.63	3.19	3.22	3.29	3.34	3.61	4.17	4.95	6.06	7.44	6.81	5.24	3.84	5.41	5.23
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.29	0.00	-0.34	-27.84	-22.98	-15.35	-19.23	-25.95	-21.50	-26.89	0.00	-1.63	-4.19	-57.57	-31.07	-48.15	-0.47
NYPA_GOWANUS____GT5 24156	53.18	52.08	43.63	43.99	40.16	40.60	38.28	37.54	36.80	33.63	67.37	62.41	57.58	61.98	69.69	69.23	81.39	74.74	76.68	76.78	71.30	69.53	79.76	71.45
	2.97	2.90	2.28	2.27	2.13	2.28	2.29	1.32	2.47	2.34	2.84	2.83	2.98	2.96	2.76	2.71	3.31	4.49	4.96	4.62	3.66	2.82	3.64	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_GOWANUS____GT6 24157	53.18	52.08	43.63	43.99	40.16	40.60	38.28	37.54	36.80	33.63	67.37	62.41	57.58	61.98	69.69	69.23	81.39	74.74	76.68	76.78	71.30	69.53	79.76	71.45
	2.97	2.90	2.28	2.27	2.13	2.28	2.29	1.32	2.47	2.34	2.84	2.83	2.98	2.96	2.76	2.71	3.31	4.49	4.96	4.62	3.66	2.82	3.64	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_HARLEM__RVR__GT1 24160	52.97	51.97	43.55	43.90	40.04	40.48	38.16	37.47	36.65	33.56	67.29	62.37	57.55	61.97	69.68	69.38	81.49	74.80	76.66	76.66	71.26	69.45	79.66	71.45
	2.75	2.79	2.20	2.19	2.01	2.15	2.17	1.24	2.33	2.27	2.76	2.78	2.95	2.96	2.74	2.85	3.41	4.55	4.94	4.51	3.63	2.74	3.54	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_HARLEM__RVR__GT2 24161	52.97	51.97	43.55	43.90	40.04	40.48	38.16	37.47	36.65	33.56	67.29	62.37	57.55	61.97	69.68	69.38	81.49	74.80	76.66	76.66	71.26	69.45	79.66	71.45
	2.75	2.79	2.20	2.19	2.01	2.15	2.17	1.24	2.33	2.27	2.76	2.78	2.95	2.96	2.74	2.85	3.41	4.55	4.94	4.51	3.63	2.74	3.54	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_KENT____GT 24152	53.16	52.06	43.60	43.96	40.13	40.56	38.27	37.54	36.79	33.62	67.35	62.39	57.58	61.98	69.69	69.24	81.37	74.68	76.60	76.70	71.25	69.52	79.80	71.47
	2.94	2.88	2.25	2.25	2.09	2.24	2.28	1.31	2.46	2.33	2.82	2.81	2.99	2.96	2.75	2.71	3.29	4.44	4.88	4.54	3.61	2.81	3.68	3.84
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_POUCH1____GT 24155	53.12	52.04	43.69	44.06	40.27	40.70	38.36	37.56	36.82	33.65	67.39	62.42	57.56	61.96	69.66	69.16	81.33	74.65	76.58	76.65	71.19	69.44	79.62	71.31
	2.91	2.86	2.34	2.34	2.23	2.38	2.37	1.34	2.49	2.36	2.86	2.84	2.96	2.94	2.72	2.63	3.24	4.41	4.86	4.49	3.55	2.73	3.51	3.67
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_VERNON____GT2 24162	53.11	52.02	43.56	43.92	40.07	40.51	38.23	37.51	36.75	33.59	67.30	62.34	57.56	61.94	69.66	69.24	81.35	74.63	76.55	76.67	71.23	69.51	79.76	71.45
	2.89	2.84	2.21	2.20	2.03	2.18	2.24	1.29	2.43	2.30	2.77	2.76	2.96	2.93	2.73	2.72	3.26	4.39	4.83	4.51	3.59	2.80	3.65	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA_VERNON____GT3 24163	53.11	52.02	43.56	43.92	40.07	40.51	38.23	37.51	36.75	33.59	67.30	62.34	57.56	61.94	69.66	69.24	81.35	74.63	76.55	76.67	71.23	69.51	79.76	71.45
	2.89	2.84	2.21	2.20	2.03	2.18	2.24	1.29	2.43	2.30	2.77	2.76	2.96	2.93	2.73	2.72	3.26	4.39	4.83	4.51	3.59	2.80	3.65	3.81
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA__ASTORIA_CC1 323568	53.01	51.93	43.49	43.84	40.01	40.44	38.17	37.48	36.70	33.55	67.23	62.29	57.51	61.90	69.59	69.16	81.24	74.49	76.41	76.51	71.12	69.45	79.67	71.36
	2.79	2.75	2.13	2.13	1.98	2.12	2.18	1.26	2.38	2.26	2.70	2.70	2.92	2.88	2.65	2.63	3.15	4.25	4.69	4.35	3.49	2.74	3.55	3.73
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA__ASTORIA_CC2 323569	53.01	51.93	43.49	43.84	40.01	40.44	38.17	37.48	36.70	33.55	67.23	62.29	57.51	61.90	69.59	69.16	81.24	74.49	76.41	76.51	71.12	69.45	79.67	71.36
	2.79	2.75	2.13	2.13	1.98	2.12	2.18	1.26	2.38	2.26	2.70	2.70	2.92	2.88	2.65	2.63	3.15	4.25	4.69	4.35	3.49	2.74	3.55	3.73
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA__HOLTSVILL 23794	53.54	52.56	43.71	44.29	40.38	40.95	38.68	37.75	36.95	33.71	67.35	62.47	57.48	61.94	70.20	70.34	82.68	75.71	80.13	82.52	118.50	78.53	116.04	72.37
	3.32	3.38	2.36	2.57	2.34	2.63	2.69	1.52	2.62	2.42	2.86	2.89	2.93	2.98	3.26	3.81	4.59	5.47	6.80	6.24	4.78	3.46	4.92	4.74
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.29	0.00	-0.34	-27.84	-22.98	-15.35	-19.23	-25.95	-21.50	-26.89	0.00	-1.60	-4.11	-56.73	-30.91	-47.51	-0.47
NYPA____HELLGATE_GT1 24158	52.97	51.98	43.55	43.90	40.04	40.47	38.16	37.46	36.65	33.55	67.31	62.37	57.56	61.98	69.69	69.40	81.51	74.81	76.68	76.68	71.26	69.45	79.66	71.45
	2.75	2.79	2.20	2.18	2.00	2.14	2.17	1.24	2.33	2.27	2.78	2.79	2.97	2.97	2.75	2.87	3.42	4.57	4.96	4.52	3.63	2.74	3.54	3.82
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYPA____HELLGATE_GT2 24159	52.97	51.98	43.55	43.90	40.04	40.47	38.16	37.46	36.65	33.55	67.31	62.37	57.56	61.98	69.69	69.40	81.51	74.81	76.68	76.68	71.26	69.45	79.66	71.45
	2.75	2.79	2.20	2.18	2.00	2.14	2.17	1.24	2.33	2.27	2.78	2.79	2.97	2.97	2.75	2.87	3.42	4.57	4.96	4.52	3.63	2.74	3.54	3.82
	0.00	0.00	-0.30	0.00	0.00	-0.81	0.00	-17.28	0.00	-0.34	-27.88	-22.98	-15.39	-19.29	-25.95	-21.49	-26.89	0.00	0.00	0.00	-10.65	-22.55	-12.51	-0.47
NYS_BARGE__HYD 23848	47.09	45.63	37.85	39.15	35.59	35.24	33.69	19.63	31.43	28.39	35.35	35.63	36.90	37.30	38.61	40.47	48.14	63.24	61.56	61.32	45.84	39.44	56.43	60.29
	-3.13	-3.56	-2.71	-2.57	-2.33	-2.39	-2.30	-1.64	-2.90	-2.56	-3.45	-3.59	-3.47	-3.67	-4.02	-4.17	-4.96	-6.31	-6.80	-6.61	-5.84	-4.54	-5.61	-4.89
	0.00	0.00	0.50	0.00	0.12	-0.11	0.00	-2.33	0.00	0.00	-2.15	-2.62	-1.17	-1.25	-1.65	0.39	-1.91	0.70	3.36	4.23	5.31	0.17	1.57	1.99

OAK ORCHARD___HYD 24046	48.44 -1.78 0.00	47.06 -2.12 0.00	39.18 -1.61 0.27	40.15 -1.57 0.00	36.58 -1.39 0.07	36.20 -1.41 -0.09	34.68 -1.31 0.00	19.99 -0.89 -1.94	32.71 -1.62 0.00	29.51 -1.45 0.00	36.52 -1.93 -1.80	36.98 -2.06 -2.44	37.99 -2.19 -0.97	38.64 -2.14 -1.04	41.57 -2.34 -2.92	45.04 -2.41 -2.42	51.53 -2.69 -3.02	66.55 -3.30 0.40	66.42 -3.63 1.68	66.21 -3.53 2.42	52.25 -3.25 1.49	42.31 -2.54 -0.70	59.98 -3.16 0.46	63.20 -2.85 1.12
OAKDALE___35_KV_LOAD 356122	50.49 0.27 0.00	49.27 0.09 0.00	41.23 0.09 -0.09	41.87 0.16 0.00	38.15 0.11 0.00	37.89 0.12 -0.25	36.12 0.14 0.00	24.31 0.08 -5.29	34.53 0.20 0.00	31.03 0.13 0.05	40.67 0.07 -3.95	43.35 0.06 -6.69	41.89 0.08 -2.61	42.58 0.01 -2.84	49.21 -0.03 -8.25	52.24 0.08 -7.13	59.83 0.12 -8.52	70.43 0.19 0.00	71.95 0.15 -0.07	72.29 0.13 0.00	60.52 -0.07 -3.60	50.94 -0.10 -6.89	67.40 -0.02 -3.82	67.24 -0.07 -0.14
OCC_CHEM___DRP 24175	46.20 -4.02 0.00	44.69 -4.50 0.00	37.65 -3.44 -0.04	38.33 -3.39 0.00	34.99 -3.05 0.00	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.77 -3.56 0.00	27.83 -3.12 0.00	34.81 -4.04 -2.21	35.09 -4.18 -2.67	36.16 -4.24 -1.20	36.68 -4.33 -1.28	37.61 -4.94 -1.57	39.20 -5.22 0.61	46.99 -6.05 -1.85	62.44 -7.81 0.00	62.92 -8.35 0.46	64.09 -8.07 0.00	49.29 -6.93 0.76	41.81 -5.44 -3.09	58.83 -6.49 -1.72	61.53 -5.70 -0.06
OH_GEN_PROXY 24063	46.71 -3.51 0.00	45.20 -3.98 0.00	37.40 -3.03 0.63	38.75 -2.96 0.00	35.22 -2.66 0.15	34.88 -2.75 -0.11	33.39 -2.60 0.00	19.58 -1.74 -2.37	31.21 -3.12 0.00	28.21 -2.74 0.00	35.30 -3.55 -2.20	35.64 -3.66 -2.70	36.66 -3.73 -1.19	37.18 -3.82 -1.27	38.49 -4.34 -1.84	40.31 -4.61 0.11	47.89 -5.40 -2.09	0.71 -6.90 62.63	60.28 -7.40 4.03	59.74 -7.17 5.25	44.42 -6.29 6.27	38.49 -4.79 0.88	55.41 -5.87 2.32	59.61 -5.08 2.48
OLIN_CORP_DRP 24177	46.34 -3.87 0.00	44.94 -4.24 0.00	37.81 -3.29 -0.04	38.56 -3.15 0.00	35.17 -2.86 0.00	34.70 -2.94 -0.11	33.13 -2.86 0.00	19.38 -1.96 -2.40	30.84 -3.49 0.00	27.87 -3.08 0.00	34.84 -4.04 -2.23	35.14 -4.15 -2.69	36.22 -4.19 -1.21	36.69 -4.32 -1.29	37.78 -4.77 -1.57	39.41 -4.98 0.64	47.12 -5.92 -1.85	62.58 -7.66 0.00	63.04 -8.22 0.47	64.14 -8.02 0.00	49.23 -6.97 0.78	41.92 -5.36 -3.12	58.78 -6.56 -1.73	61.37 -5.86 -0.07
OLIN_CORP_DSASP 323712	46.20 -4.02 0.00	44.69 -4.50 0.00	37.05 -3.45 0.56	38.33 -3.38 0.00	34.85 -3.05 0.14	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.78 -3.55 0.00	27.83 -3.13 0.00	34.81 -4.05 -2.21	35.10 -4.17 -2.67	36.15 -4.24 -1.20	36.69 -4.31 -1.28	37.67 -4.89 -1.57	39.25 -5.17 0.61	47.03 -6.02 -1.85	61.67 -7.80 0.78	59.65 -8.33 3.74	59.38 -8.05 4.73	44.03 -6.96 6.00	38.29 -5.39 0.48	55.13 -6.56 1.91	59.27 -5.66 2.23
ONEIDA_HERK_LFGE 323681	49.73 -0.48 0.00	59.13 -0.39 -10.33	47.78 -0.41 -7.13	51.87 -0.39 -10.54	42.00 -0.29 -4.24	42.86 -0.34 -5.68	42.90 -0.23 -7.14	27.15 -0.07 -8.28	42.14 -0.10 -7.92	32.63 -0.10 -1.78	37.05 0.03 -0.37	37.35 0.25 -0.50	39.54 0.14 -0.20	40.12 0.18 -0.21	42.19 0.61 -0.60	46.31 0.78 -0.50	52.32 0.49 -0.62	71.18 0.93 0.00	73.10 1.37 0.00	73.72 1.56 0.00	58.71 1.41 -0.32	45.80 0.97 -0.67	65.39 1.42 -0.37	68.71 1.53 -0.01
ONEIDA___115KV_TB4 55905	50.95 0.73 0.00	53.53 0.79 -3.56	44.16 0.64 -2.47	46.04 0.70 -3.63	40.21 0.71 -1.46	40.24 0.73 -1.99	39.21 0.76 -2.46	22.98 0.42 -3.62	37.81 0.75 -2.72	32.17 0.61 -0.61	38.18 0.69 -0.84	38.49 0.74 -1.14	40.45 0.79 -0.45	40.97 0.75 -0.49	43.19 0.84 -1.37	47.21 1.05 -1.13	53.90 1.29 -1.42	72.03 1.79 0.00	73.62 1.90 0.00	74.04 1.88 0.00	59.02 1.45 -0.58	46.42 1.04 -1.23	65.71 1.43 -0.68	68.69 1.50 -0.03
ONONDAGA_REF_OCCRA 23987	50.03 -0.19 0.00	48.90 -0.29 0.00	40.87 -0.21 -0.03	41.53 -0.19 0.00	37.89 -0.15 0.00	37.47 -0.13 -0.08	35.88 -0.11 0.00	20.63 -0.10 -1.79	34.15 -0.18 0.00	30.75 -0.20 0.00	38.00 -0.31 -1.66	38.52 -0.33 -2.25	39.69 -0.41 -0.90	40.18 -0.51 -0.96	43.13 -0.54 -2.69	46.78 -0.48 -2.23	53.53 -0.46 -2.79	69.71 -0.54 0.00	71.13 -0.59 0.00	71.55 -0.61 0.00	57.47 -0.61 -1.09	45.96 -0.52 -2.32	64.13 -0.76 -1.28	66.37 -0.84 -0.05
ONONDAGA___COGEN 23986	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04
ONTARIO___LFGE 23819	49.94 -0.28 0.00	48.65 -0.53 0.00	40.72 -0.37 -0.04	41.45 -0.27 0.00	37.81 -0.23 0.00	37.44 -0.18 -0.11	35.90 -0.09 0.00	21.17 -0.10 -2.33	34.20 -0.13 0.00	30.72 -0.24 0.00	38.25 -0.55 -2.16	39.07 -0.64 -3.11	39.67 -0.70 -1.17	40.27 -0.70 -1.25	44.81 -0.81 -4.64	49.35 -0.62 -4.94	55.43 -0.45 -4.69	69.97 -0.28 0.00	71.55 -0.43 -0.26	71.69 -0.47 0.00	58.92 -0.75 -2.69	46.55 -0.63 -3.02	64.44 -0.84 -1.68	66.39 -0.84 -0.06
ORANGEVILLE_WT_PWR 323706	47.24 -2.98 0.00	45.91 -3.28 0.00	38.48 -2.36 0.22	39.53 -2.19 0.00	36.06 -1.92 0.06	35.77 -1.88 -0.14	34.25 -1.74 0.00	20.69 -1.16 -2.91	32.26 -2.07 0.00	29.02 -1.93 0.00	36.60 -2.75 -2.70	36.12 -2.87 -2.39	37.69 -2.98 -1.46	38.30 -2.99 -1.56	34.12 -3.38 3.49	31.15 -3.51 10.37	44.48 -3.96 2.76	64.91 -4.98 0.36	63.12 -5.31 3.30	64.88 -5.12 2.15	43.10 -4.60 9.29	42.81 -3.51 -2.17	59.65 -4.40 -0.45	62.33 -3.87 0.96
ORANGEVILLE___ESR 323794	47.24 -2.98 0.00	45.91 -3.28 0.00	38.48 -2.36 0.22	39.53 -2.19 0.00	36.06 -1.92 0.06	35.77 -1.88 -0.14	34.25 -1.74 0.00	20.69 -1.16 -2.91	32.26 -2.07 0.00	29.02 -1.93 0.00	36.60 -2.75 -2.70	36.12 -2.87 -2.39	37.69 -2.98 -1.46	38.30 -2.99 -1.56	34.12 -3.38 3.49	31.15 -3.51 10.37	44.48 -3.96 2.76	64.91 -4.98 0.36	63.12 -5.31 3.30	64.88 -5.12 2.15	43.10 -4.60 9.29	42.81 -3.51 -2.17	59.65 -4.40 -0.45	62.33 -3.87 0.96
OSWEGATCHIE___HYD 24044	47.32 -2.90 0.00	-2.12 -2.87 48.43	5.06 -2.59 33.41	-10.21 -2.50 49.42	15.80 -2.35 19.89	8.46 -2.57 26.49	0.33 -2.20 33.46	-18.86 -1.11 36.69	-4.80 -2.00 37.12	20.99 -1.63 8.34	35.28 -1.62 -0.25	36.05 -0.89 -0.34	38.31 -1.03 -0.13	39.06 -0.81 -0.14	41.29 -0.10 -0.40	45.09 -0.27 -0.33	50.85 -0.76 -0.42	70.08 -0.17 0.00	71.58 -0.14 0.00	72.51 0.35 0.00	57.71 0.41 -0.31	44.88 0.06 -0.66	64.83 0.86 -0.37	68.43 1.26 -0.01
OSWEGO___5 23606	49.02 -1.20 0.00	47.95 -1.23 0.00	40.08 -0.99 -0.02	40.72 -1.00 0.00	37.16 -0.88 0.00	36.71 -0.86 -0.05	35.15 -0.84 0.00	19.62 -0.49 -1.17	33.41 -0.92 0.00	30.11 -0.84 0.00	36.69 -1.05 -1.08	37.01 -1.06 -1.47	38.60 -1.19 -0.59	39.11 -1.25 -0.63	41.43 -1.32 -1.76	45.08 -1.41 -1.46	51.45 -1.56 -1.82	68.15 -2.10 0.00	69.54 -2.19 0.00	69.98 -2.18 0.00	55.88 -1.82 -0.71	44.25 -1.41 -1.51	62.41 -2.03 -0.84	65.05 -2.15 -0.03

OSWEGO___6 23613	49.02 -1.20 0.00	47.95 -1.23 0.00	40.08 -0.99 -0.02	40.72 -1.00 0.00	37.16 -0.88 0.00	36.71 -0.86 -0.05	35.15 -0.84 0.00	19.62 -0.49 -1.17	33.41 -0.92 0.00	30.11 -0.84 0.00	36.69 -1.05 -1.08	37.01 -1.06 -1.47	38.60 -1.19 -0.59	39.11 -1.25 -0.63	41.43 -1.32 -1.76	45.08 -1.41 -1.46	51.45 -1.56 -1.82	68.15 -2.10 0.00	69.54 -2.19 0.00	69.98 -2.18 0.00	55.88 -1.82 -0.71	44.25 -1.41 -1.51	62.41 -2.03 -0.84	65.05 -2.15 -0.03
OUTOKUMPU-AB___DRP 24206	47.42 -2.79 0.00	45.90 -3.29 0.00	38.66 -2.44 -0.04	39.39 -2.32 0.00	35.94 -2.09 0.00	35.46 -2.17 -0.11	33.95 -2.03 0.00	19.88 -1.48 -2.42	31.72 -2.61 0.00	28.66 -2.29 0.00	35.81 -3.08 -2.24	36.08 -3.22 -2.70	37.25 -3.16 -1.22	37.73 -3.29 -1.30	38.69 -3.80 -1.50	40.33 -3.91 0.79	48.41 -4.58 -1.79	64.56 -5.68 0.00	65.06 -6.18 0.49	66.23 -5.93 0.00	50.76 -5.34 0.88	43.15 -4.15 -3.15	60.49 -4.86 -1.74	63.14 -4.09 -0.07
OXBOW___BTM 323836	46.91 -3.31 0.00	45.37 -3.81 0.00	37.62 -2.88 0.56	38.94 -2.78 0.00	35.39 -2.51 0.14	35.03 -2.60 -0.11	33.57 -2.42 0.00	19.65 -1.70 -2.40	31.31 -3.02 0.00	28.30 -2.65 0.00	35.37 -3.50 -2.23	35.67 -3.62 -2.68	36.78 -3.63 -1.21	37.30 -3.72 -1.29	38.30 -4.22 -1.54	39.92 -4.42 0.70	47.85 -5.17 -1.82	62.88 -6.59 0.78	60.89 -7.08 3.75	60.60 -6.83 4.72	44.92 -6.01 6.05	39.06 -4.65 0.44	56.10 -5.61 1.89	60.21 -4.73 2.22
OXBOW____ 24026	46.90 -3.32 0.00	45.38 -3.80 0.00	38.23 -2.86 -0.04	38.94 -2.78 0.00	35.53 -2.51 0.00	35.03 -2.60 -0.11	33.56 -2.43 0.00	19.65 -1.70 -2.40	31.31 -3.02 0.00	28.30 -2.65 0.00	35.38 -3.50 -2.23	35.65 -3.63 -2.68	36.78 -3.63 -1.21	37.28 -3.73 -1.29	38.23 -4.29 -1.54	39.87 -4.47 0.70	47.82 -5.20 -1.82	63.65 -6.59 0.00	64.15 -7.09 0.47	65.32 -6.84 0.00	50.16 -6.01 0.82	42.58 -4.69 -3.12	59.79 -5.54 -1.73	62.47 -4.76 -0.07
OXY_CHEM_DSASP 323612	46.20 -4.02 0.00	44.69 -4.50 0.00	37.65 -3.44 -0.04	38.33 -3.39 0.00	34.99 -3.05 0.00	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.77 -3.56 0.00	27.83 -3.12 0.00	34.81 -4.04 -2.21	35.09 -4.18 -2.67	36.16 -4.24 -1.20	36.68 -4.33 -1.28	37.61 -4.94 -1.57	39.20 -5.22 0.61	46.99 -6.05 -1.85	62.44 -7.81 0.00	62.92 -8.35 0.46	64.09 -8.07 0.00	49.29 -6.93 0.76	41.81 -5.44 -3.09	58.83 -6.49 -1.72	61.53 -5.70 -0.06
OZONE_PARK_ESR 323760	53.63 3.41 0.00	52.48 3.30 0.00	43.90 2.55 -0.30	44.26 2.55 0.00	40.37 2.34 0.00	40.80 2.48 -0.81	38.50 2.51 0.00	37.66 1.43 -17.28	37.02 2.69 0.00	33.83 2.54 -0.34	67.65 3.10 -27.90	62.67 3.09 -22.98	57.90 3.30 -15.41	62.29 3.26 -19.31	70.07 3.14 -25.95	69.73 3.20 -21.49	81.93 3.84 -26.89	75.46 5.22 0.00	77.40 5.68 0.00	77.50 5.34 0.00	71.84 4.20 -10.65	69.93 3.22 -22.55	80.41 4.29 -12.51	72.02 4.39 -0.47
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	46.20 -4.02 0.00	44.69 -4.50 0.00	37.65 -3.44 -0.04	38.33 -3.39 0.00	34.99 -3.05 0.00	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.77 -3.56 0.00	27.83 -3.12 0.00	34.81 -4.04 -2.21	35.09 -4.18 -2.67	36.16 -4.24 -1.20	36.68 -4.33 -1.28	37.61 -4.94 -1.57	39.20 -5.22 0.61	46.99 -6.05 -1.85	62.44 -7.81 0.00	62.92 -8.35 0.46	64.09 -8.07 0.00	49.29 -6.93 0.76	41.81 -5.44 -3.09	58.83 -6.49 -1.72	61.53 -5.70 -0.06
PACKARD__115KV_DUPONT_184 80571	46.20 -4.02 0.00	44.69 -4.50 0.00	37.65 -3.44 -0.04	38.33 -3.39 0.00	34.99 -3.05 0.00	34.48 -3.15 -0.11	33.05 -2.94 0.00	19.34 -1.98 -2.38	30.77 -3.56 0.00	27.83 -3.12 0.00	34.81 -4.04 -2.21	35.09 -4.18 -2.67	36.16 -4.24 -1.20	36.68 -4.33 -1.28	37.61 -4.94 -1.57	39.20 -5.22 0.61	46.99 -6.05 -1.85	62.44 -7.81 0.00	62.92 -8.35 0.46	64.09 -8.07 0.00	49.29 -6.93 0.76	41.81 -5.44 -3.09	58.83 -6.49 -1.72	61.53 -5.70 -0.06
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.98 2.76 0.00	51.95 2.77 0.00	43.57 2.21 -0.30	43.92 2.20 0.00	40.07 2.03 0.00	40.49 2.16 -0.81	38.18 2.19 0.00	37.47 1.25 -17.28	36.66 2.33 0.00	33.53 2.24 -0.34	67.23 2.70 -27.88	62.25 2.67 -22.98	57.44 2.84 -15.39	61.85 2.83 -19.29	69.57 2.64 -25.95	69.27 2.74 -21.49	81.37 3.28 -26.89	74.69 4.44 0.00	76.60 4.88 0.00	76.68 4.52 0.00	71.27 3.63 -10.65	69.45 2.74 -22.55	79.68 3.57 -12.51	71.46 3.83 -0.47
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.24 3.03 0.00	52.23 3.05 0.00	43.79 2.44 -0.30	44.10 2.39 0.00	40.23 2.19 0.00	40.61 2.28 -0.81	38.31 2.32 0.00	37.56 1.34 -17.28	36.85 2.52 0.00	33.72 2.42 -0.34	67.48 2.95 -27.88	62.52 2.93 -22.98	57.64 3.04 -15.39	62.04 3.02 -19.29	69.79 2.86 -25.95	69.56 3.03 -21.49	81.74 3.65 -26.89	75.24 5.00 0.00	77.18 5.45 0.00	77.21 5.05 0.00	71.62 3.99 -10.65	69.76 3.04 -22.55	80.10 3.98 -12.51	71.92 4.29 -0.47
PATROON__115KV_TB1 80586	51.32 1.10 0.00	50.32 1.14 0.00	42.36 0.95 -0.36	42.66 0.95 0.00	38.94 0.90 0.00	39.39 0.91 -0.97	36.84 0.85 0.00	40.11 0.48 -20.70	35.25 0.92 0.00	31.92 0.85 -0.11	59.25 1.22 -21.39	63.83 1.24 -26.00	51.03 1.35 -10.48	52.27 1.44 -11.11	73.54 1.48 -31.07	72.41 1.63 -25.74	85.08 1.69 -32.20	72.72 2.48 0.00	74.16 2.43 0.00	74.60 2.44 0.00	71.83 2.09 -12.76	72.77 1.61 -27.01	80.96 2.37 -14.98	70.37 2.64 -0.56
PATTRSNVILLE__SOLAR 323815	52.14 1.92 0.00	51.07 1.89 0.00	42.99 1.56 -0.37	43.29 1.58 0.00	39.47 1.43 0.00	39.95 1.41 -1.01	37.35 1.36 0.00	41.40 0.76 -21.71	35.62 1.28 0.00	32.00 0.96 -0.09	59.56 0.96 -21.96	64.84 0.98 -27.27	51.23 1.06 -10.97	52.50 1.12 -11.65	75.05 1.48 -32.59	73.83 1.81 -27.00	87.17 2.20 -33.77	73.27 3.02 0.00	74.82 3.10 0.00	75.27 3.11 0.00	72.76 2.40 -13.38	74.33 1.85 -28.33	81.89 2.57 -15.72	70.44 2.69 -0.59
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.29 -0.93 0.00	47.69 -1.49 0.00	40.15 -0.96 -0.05	40.86 -0.86 0.00	37.29 -0.75 0.00	36.82 -0.82 -0.12	35.20 -0.79 0.00	20.80 -0.76 -2.62	33.09 -1.24 0.00	29.92 -1.04 0.00	37.47 -1.61 -2.43	37.83 -1.71 -2.93	38.92 -1.60 -1.32	39.36 -1.77 -1.41	40.43 -2.25 -1.70	42.09 -2.21 0.73	50.54 -2.66 -2.00	67.33 -2.91 0.00	68.04 -3.17 0.51	69.19 -2.97 0.00	53.10 -3.01 0.87	45.38 -2.19 -3.41	63.19 -2.30 -1.89	65.86 -1.38 -0.07
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.44 3.22 0.00	52.34 3.15 0.00	43.78 2.42 -0.30	44.14 2.43 0.00	40.28 2.24 0.00	40.69 2.36 -0.81	38.37 2.38 0.00	37.73 1.36 -17.43	36.87 2.54 0.00	33.60 2.35 -0.30	63.03 2.87 -23.51	61.65 2.83 -22.22	52.86 2.99 -10.66	54.66 2.99 -11.95	70.14 2.98 -26.17	69.86 3.15 -21.68	82.17 3.85 -27.12	75.53 5.29 0.00	77.39 5.67 0.00	77.60 5.44 0.00	71.95 4.23 -10.74	70.10 3.20 -22.74	80.52 4.30 -12.62	71.99 4.35 -0.47
PEEKSKILL____ 23653	52.74 2.52 0.00	51.65 2.47 0.00	43.20 1.85 -0.29	43.55 1.83 0.00	39.72 1.69 0.00	40.15 1.83 -0.80	37.85 1.86 0.00	37.17 1.09 -17.14	36.34 2.02 0.00	33.19 1.87 -0.36	68.23 2.29 -29.29	61.87 2.22 -23.05	58.15 2.34 -16.60	63.21 2.31 -21.17	68.99 2.27 -25.73	68.64 2.29 -21.32	80.66 2.80 -26.67	74.00 3.75 0.00	75.86 4.14 0.00	76.04 3.88 0.00	70.60 3.05 -10.56	68.86 2.33 -22.36	79.07 3.06 -12.41	70.74 3.11 -0.47

PGE MADISON___WINDPWR 24146	54.05 3.83 0.00	52.67 3.49 0.00	44.45 3.14 -0.25	44.84 3.12 0.00	40.97 2.89 -0.04	40.77 3.02 -0.24	39.07 3.08 0.00	25.65 1.63 -5.08	37.45 3.12 0.00	33.62 2.71 0.04	43.72 3.26 -3.81	46.11 3.07 -6.44	44.93 3.22 -2.51	45.56 3.11 -2.72	52.15 3.12 -8.04	55.80 3.70 -7.07	64.17 4.69 -8.29	77.51 7.06 -0.21	79.59 6.88 -0.98	80.45 7.01 -1.27	66.96 4.97 -5.01	55.21 3.48 -7.57	73.21 4.95 -4.64	73.16 5.24 -0.75
PIERCEFIELD___HYD 23852	47.69 -2.53 0.00	14.68 -2.63 31.87	16.77 -2.30 21.99	7.05 -2.14 32.52	22.78 -2.17 13.09	17.62 -2.47 17.43	11.97 -2.00 22.02	-6.42 -1.05 24.32	7.99 -1.91 24.43	23.89 -1.58 5.48	35.02 -1.63 0.00	35.89 -0.71 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.29 0.31 0.00	44.87 -0.16 0.00	51.11 -0.09 0.00	71.10 0.86 0.00	71.74 0.02 0.00	72.68 0.52 0.00	57.40 0.19 -0.22	44.58 -0.05 -0.47	65.03 1.16 -0.26	69.06 1.88 -0.01
PINELAWN_CC_1 323563	53.59 3.37 0.00	52.59 3.41 0.00	43.73 2.38 -0.30	44.23 2.51 0.00	40.30 2.26 0.00	40.84 2.51 -0.81	38.56 2.57 0.00	37.67 1.45 -17.29	36.88 2.56 0.00	33.67 2.38 -0.34	67.39 2.89 -27.84	62.49 2.92 -22.98	57.54 2.98 -15.35	61.98 3.03 -19.23	70.17 3.24 -25.95	70.22 3.69 -21.50	82.54 4.45 -26.89	75.78 5.54 0.00	80.19 6.69 -1.77	82.81 6.11 -4.54	123.17 4.65 -61.54	79.42 3.46 -31.81	119.63 4.82 -51.20	72.31 4.67 -0.47
PJM_GEN_HTP_PROXY 323702	53.04 2.82 0.00	51.94 2.76 0.00	43.45 2.10 -0.30	43.81 2.09 0.00	39.96 1.92 0.00	40.40 2.08 -0.81	38.10 2.12 0.00	37.45 1.22 -17.28	36.61 2.29 0.00	33.45 2.16 -0.34	69.04 2.65 -29.74	62.20 2.61 -22.99	57.41 2.78 -15.43	61.82 2.74 -19.35	69.56 2.63 -25.95	69.18 2.66 -21.49	81.30 3.22 -26.89	74.55 4.31 0.00	76.43 4.71 0.00	76.57 4.41 0.00	71.11 3.48 -10.65	69.38 2.67 -22.55	79.63 3.52 -12.51	71.22 3.59 -0.47
PJM_GEN_KEystone 24065	50.45 0.23 0.00	49.13 -0.06 0.00	33.26 -0.11 7.69	34.23 -0.09 7.39	35.38 -0.05 2.61	38.04 0.04 -0.49	35.71 0.05 0.33	30.70 0.02 -11.74	34.44 0.11 0.00	31.27 0.10 -0.21	27.61 -0.01 9.03	35.96 -0.08 0.56	13.37 -0.03 25.80	20.40 -0.17 19.15	55.84 -0.37 -15.23	56.73 -0.46 -12.16	66.56 -0.47 -15.84	68.73 -0.55 0.96	67.10 -0.44 4.18	65.71 -0.58 5.88	55.69 -0.70 0.60	52.60 -0.49 -8.93	49.59 -0.51 13.51	28.55 -0.29 38.33
PJM_GEN_NEPTUNE_PROXY 323594	53.02 2.80 0.00	52.01 2.83 0.00	43.32 1.97 -0.30	43.78 2.07 0.00	39.90 1.86 0.00	40.43 2.10 -0.81	38.14 2.16 0.00	37.46 1.23 -17.29	36.52 2.20 0.00	33.36 2.07 -0.34	68.85 2.54 -29.66	62.15 2.57 -22.98	57.21 2.65 -15.35	61.66 2.71 -19.23	69.76 3.66 -25.95	69.62 3.09 -21.50	81.75 3.66 -26.89	74.76 4.52 0.00	78.71 5.49 -1.50	80.91 4.92 -3.83	114.31 3.74 -53.59	77.22 2.75 -30.30	112.49 3.81 -45.08	71.28 3.65 -0.47
PJM_GEN_VFT_PROXY 323633	52.92 2.70 0.00	51.80 2.62 0.00	43.31 1.96 -0.30	43.65 1.94 0.00	39.81 1.77 0.00	40.26 1.94 -0.81	37.98 1.99 0.00	37.39 1.17 -17.28	36.50 2.17 0.00	33.36 2.06 -0.34	68.88 2.52 -29.72	62.07 2.49 -22.98	57.24 2.64 -15.41	61.61 2.58 -19.31	69.34 2.40 -25.95	68.92 2.39 -21.49	81.03 2.94 -26.89	74.17 3.93 0.00	76.08 4.36 0.00	76.16 4.00 0.00	70.81 3.17 -10.65	69.16 2.45 -22.55	79.28 3.16 -12.51	70.85 3.22 -0.47
PLATSBURG_115KV_PMLD1 355749	47.65 -2.56 0.00	27.16 -2.80 19.22	25.50 -2.29 13.26	20.02 -2.09 19.61	27.95 -2.20 7.89	24.60 -2.40 10.52	20.68 -2.03 13.28	3.26 -1.02 14.66	17.65 -1.95 14.73	26.03 -1.61 3.31	35.07 -1.58 0.00	36.14 -0.46 0.00	39.16 -0.04 0.00	40.09 0.36 0.00	41.74 0.76 0.00	45.41 0.38 0.00	51.82 0.63 0.00	71.99 1.75 0.00	72.61 0.89 0.00	73.36 1.20 0.00	57.63 0.65 0.00	44.55 0.39 0.00	65.55 1.95 0.00	69.68 2.51 0.00
PLEASANTVLY___LBMP 24000	52.48 2.26 0.00	51.44 2.25 0.00	43.07 1.71 -0.31	43.41 1.69 0.00	39.61 1.57 0.00	40.03 1.68 -0.84	37.67 1.67 0.00	37.79 0.98 -17.87	36.16 1.84 0.00	32.93 1.73 -0.25	62.36 2.17 -23.55	61.68 2.16 -22.92	53.06 2.29 -11.57	55.30 2.26 -13.31	70.06 2.25 -26.83	69.55 2.29 -22.23	81.77 2.77 -27.81	73.99 3.75 0.00	75.81 4.09 0.00	76.04 3.88 0.00	71.04 3.04 -11.01	69.81 2.33 -23.32	79.65 3.11 -12.94	70.84 3.18 -0.49
PLSNTVLE_13_KV_13.8KVDIST 80602	52.88 2.66 0.00	51.81 2.62 0.00	43.34 1.99 -0.30	43.69 1.97 0.00	39.85 1.82 0.00	40.27 1.94 -0.81	37.95 1.96 0.00	37.47 1.14 -17.39	36.45 2.12 0.00	33.27 2.00 -0.31	65.34 2.47 -26.22	61.81 2.43 -22.79	55.56 2.57 -13.78	59.07 2.55 -16.79	69.59 2.51 -26.10	69.21 2.56 -21.62	81.36 3.11 -27.05	74.45 4.21 0.00	76.32 4.59 0.00	76.49 4.33 0.00	71.08 3.39 -10.71	69.43 2.59 -22.68	79.64 3.45 -12.59	71.15 3.51 -0.47
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.88 2.66 0.00	51.81 2.62 0.00	43.34 1.99 -0.30	43.69 1.97 0.00	39.85 1.82 0.00	40.27 1.94 -0.81	37.95 1.96 0.00	37.47 1.14 -17.39	36.45 2.12 0.00	33.27 2.00 -0.31	65.34 2.47 -26.22	61.81 2.43 -22.79	55.56 2.57 -13.78	59.07 2.55 -16.79	69.59 2.51 -26.10	69.21 2.56 -21.62	81.36 3.11 -27.05	74.45 4.21 0.00	76.32 4.59 0.00	76.49 4.33 0.00	71.08 3.39 -10.71	69.43 2.59 -22.68	79.64 3.45 -12.59	71.15 3.51 -0.47
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.00 2.79 0.00	51.94 2.76 0.00	43.46 2.10 -0.30	43.81 2.10 0.00	39.98 1.94 0.00	40.38 2.04 -0.82	38.05 2.06 0.00	37.71 1.18 -17.59	36.55 2.22 0.00	33.27 2.04 -0.28	61.08 2.51 -21.92	61.18 2.49 -22.09	50.90 2.64 -9.06	51.79 2.63 -9.44	70.05 2.66 -26.41	69.72 2.82 -21.88	82.03 3.46 -27.36	75.02 4.77 0.00	76.87 5.14 0.00	77.07 4.91 0.00	71.61 3.78 -10.84	69.97 2.86 -22.95	80.21 3.87 -12.73	71.55 3.90 -0.48
POLETTI___ 23519	53.08 2.86 0.00	51.96 2.78 0.00	43.49 2.13 -0.30	43.85 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.66 2.33 0.00	33.49 2.20 -0.34	67.27 2.73 -27.90	62.27 2.69 -22.98	57.48 2.87 -15.41	61.86 2.83 -19.31	69.61 2.67 -25.95	69.18 2.66 -21.49	81.29 3.21 -26.89	74.52 4.28 0.00	76.39 4.67 0.00	76.49 4.33 0.00	71.07 3.43 -10.65	69.37 2.66 -22.55	79.63 3.51 -12.51	71.23 3.60 -0.47
POMONA___ESR 323819	52.75 2.54 0.00	51.65 2.47 0.00	43.18 1.84 -0.29	43.52 1.81 0.00	39.71 1.67 0.00	40.13 1.83 -0.78	37.85 1.85 0.00	36.81 1.08 -16.78	36.32 1.99 0.00	33.22 1.82 -0.45	53.98 2.19 -15.15	57.40 2.05 -18.74	38.32 2.16 3.04	32.49 2.12 9.37	68.25 2.07 -25.20	67.94 2.04 -20.87	79.80 2.49 -26.11	73.61 3.36 0.00	75.45 3.73 0.00	75.65 3.49 0.00	70.06 2.73 -10.34	68.14 2.09 -21.90	78.45 2.69 -12.15	70.36 2.74 -0.46
PORT_JEFF_3 23555	53.71 3.49 0.00	52.72 3.54 0.00	43.84 2.49 -0.30	44.42 2.70 0.00	40.51 2.47 0.00	41.08 2.75 -0.81	38.80 2.81 0.00	37.82 1.59 -17.29	37.05 2.73 0.00	33.82 2.53 -0.34	67.47 2.98 -27.84	62.59 3.02 -22.98	57.61 3.05 -15.35	62.06 3.11 -19.23	70.35 3.41 -25.95	70.53 4.00 -21.50	82.93 4.84 -26.89	76.06 5.81 0.00	80.48 7.15 -1.61	82.89 6.61 -4.12	118.87 5.06 -56.82	78.74 3.66 -30.93	116.36 5.17 -47.58	72.60 4.96 -0.47

PORT_JEFF_4 23616	53.71 3.49 0.00	52.72 3.54 0.00	43.84 2.49 -0.30	44.42 2.70 0.00	40.51 2.47 0.00	41.08 2.75 -0.81	38.80 2.81 0.00	37.82 1.59 -17.29	37.05 2.73 0.00	33.82 2.53 -0.34	67.47 2.98 -27.84	62.59 3.02 -22.98	57.61 3.05 -15.35	62.06 3.11 -19.23	70.35 3.41 -25.95	70.53 4.00 -21.50	82.93 4.84 -26.89	76.06 5.81 0.00	80.48 7.15 -1.61	82.89 6.61 -4.12	118.87 5.06 -56.82	78.74 3.66 -30.93	116.36 5.17 -47.58	72.60 4.96 -0.47
PORT_JEFF_IC 23713	53.72 3.51 0.00	52.72 3.54 0.00	43.84 2.49 -0.30	44.45 2.73 0.00	40.53 2.49 0.00	41.10 2.77 -0.81	38.82 2.83 0.00	37.84 1.61 -17.29	37.08 2.75 0.00	33.83 2.54 -0.34	67.48 2.98 -27.84	62.61 3.04 -22.98	57.63 3.07 -15.35	62.08 3.12 -19.23	70.37 3.44 -25.95	70.57 4.04 -21.50	82.98 4.89 -26.89	76.12 5.88 0.00	80.54 7.20 -1.61	82.97 6.68 -4.13	119.06 5.10 -56.97	78.78 3.68 -30.95	116.50 5.20 -47.70	72.61 4.98 -0.47
PPL PILGRIM_ST_GT1 24216	53.95 3.73 0.00	52.94 3.75 0.00	44.01 2.65 -0.30	44.54 2.82 0.00	40.59 2.55 0.00	41.14 2.82 -0.81	38.85 2.86 0.00	37.84 1.61 -17.29	37.15 2.82 0.00	33.92 2.63 -0.34	67.68 3.19 -27.84	62.80 3.22 -22.98	57.84 3.29 -15.35	62.30 3.34 -19.23	70.55 3.61 -25.95	70.70 4.17 -21.50	83.04 4.95 -26.89	76.31 6.06 0.00	80.80 7.44 -1.63	83.15 6.81 -4.19	119.80 5.24 -57.57	79.06 3.84 -31.07	117.17 5.41 -48.15	72.86 5.23 -0.47
PPL PILGRIM_ST_GT2 24217	53.95 3.73 0.00	52.94 3.75 0.00	44.01 2.65 -0.30	44.54 2.82 0.00	40.59 2.55 0.00	41.14 2.82 -0.81	38.85 2.86 0.00	37.84 1.61 -17.29	37.15 2.82 0.00	33.92 2.63 -0.34	67.68 3.19 -27.84	62.80 3.22 -22.98	57.84 3.29 -15.35	62.30 3.34 -19.23	70.55 3.61 -25.95	70.70 4.17 -21.50	83.04 4.95 -26.89	76.31 6.06 0.00	80.80 7.44 -1.63	83.15 6.81 -4.19	119.80 5.24 -57.57	79.06 3.84 -31.07	117.17 5.41 -48.15	72.86 5.23 -0.47
PPL_SHRM_GT3 24213	53.60 3.38 0.00	52.59 3.41 0.00	43.72 2.37 -0.30	44.57 2.86 0.00	40.68 2.65 0.00	41.28 2.95 -0.81	39.03 3.03 0.00	37.93 1.71 -17.29	37.06 2.73 0.00	33.77 2.48 -0.34	67.26 2.77 -27.84	62.38 2.80 -22.98	57.36 2.81 -15.35	61.82 2.86 -19.23	70.17 3.23 -25.95	70.45 3.92 -21.50	82.99 4.89 -26.89	75.59 5.34 0.00	80.09 6.76 -1.61	82.74 6.45 -4.12	118.78 4.92 -56.88	78.57 3.48 -30.94	116.13 4.91 -47.62	72.30 4.66 -0.47
PPL_SHRM_GT4 24214	53.60 3.38 0.00	52.59 3.41 0.00	43.72 2.37 -0.30	44.57 2.86 0.00	40.68 2.65 0.00	41.28 2.95 -0.81	39.03 3.03 0.00	37.93 1.71 -17.29	37.06 2.73 0.00	33.77 2.48 -0.34	67.26 2.77 -27.84	62.38 2.80 -22.98	57.36 2.81 -15.35	61.82 2.86 -19.23	70.17 3.23 -25.95	70.45 3.92 -21.50	82.99 4.89 -26.89	75.59 5.34 0.00	80.09 6.76 -1.61	82.74 6.45 -4.12	118.78 4.92 -56.88	78.57 3.48 -30.94	116.13 4.91 -47.62	72.30 4.66 -0.47
PROJECT___ORANGE 1 24174	49.71 -0.51 0.00	48.60 -0.58 0.00	40.61 -0.47 -0.03	41.26 -0.45 0.00	37.65 -0.38 0.00	37.22 -0.37 -0.07	35.64 -0.35 0.00	20.17 -0.24 -1.47	33.88 -0.45 0.00	30.53 -0.42 0.00	37.45 -0.56 -1.36	37.86 -0.59 -1.85	39.25 -0.69 -0.74	39.73 -0.79 -0.79	42.32 -0.87 -2.21	45.99 -0.87 -1.83	52.55 -0.93 -2.29	69.06 -1.19 0.00	70.46 -1.26 0.00	70.87 -1.29 0.00	56.76 -1.12 -0.90	45.15 -0.90 -1.90	63.35 -1.31 -1.05	65.80 -1.40 -0.04
PROJECT___ORANGE 2 24166	49.71 -0.51 0.00	48.60 -0.58 0.00	40.61 -0.47 -0.03	41.26 -0.45 0.00	37.65 -0.38 0.00	37.22 -0.37 -0.07	35.64 -0.35 0.00	20.17 -0.24 -1.47	33.88 -0.45 0.00	30.53 -0.42 0.00	37.45 -0.56 -1.36	37.86 -0.59 -1.85	39.25 -0.69 -0.74	39.73 -0.79 -0.79	42.32 -0.87 -2.21	45.99 -0.87 -1.83	52.55 -0.93 -2.29	69.06 -1.19 0.00	70.46 -1.26 0.00	70.87 -1.29 0.00	56.76 -1.12 -0.90	45.15 -0.90 -1.90	63.35 -1.31 -1.05	65.80 -1.40 -0.04
PUCKETT___SOLAR 323809	51.29 1.07 0.00	50.08 0.90 0.00	42.17 0.81 -0.31	42.59 0.87 0.00	38.84 0.75 -0.05	38.54 0.77 -0.25	36.80 0.81 0.00	24.81 0.43 -5.45	35.20 0.87 0.00	31.65 0.74 0.05	41.54 0.82 -4.07	44.20 0.76 -6.84	42.69 0.80 -2.69	43.32 0.67 -2.92	49.88 0.72 -8.18	52.79 0.99 -6.77	60.89 1.22 -8.47	72.30 1.77 -0.28	74.61 1.70 -1.18	75.56 1.69 -1.71	63.30 1.07 -5.24	53.28 0.74 -8.38	69.94 1.09 -5.24	69.30 1.16 -0.98
PYRITES___HYD 24023	48.46 -1.76 0.00	16.76 -1.92 30.50	18.33 -1.68 21.04	9.09 -1.50 31.13	23.92 -1.60 12.53	18.93 -1.91 16.68	13.50 -1.41 21.07	-5.07 -0.74 23.27	9.58 -1.37 23.38	24.55 -1.15 5.25	35.55 -1.10 0.00	36.38 -0.22 0.00	39.25 0.04 0.00	40.11 0.38 0.00	41.91 0.93 0.00	45.51 0.47 0.00	52.08 0.88 0.00	72.52 2.28 0.00	73.06 1.34 0.00	73.98 1.82 0.00	58.34 1.14 -0.21	45.23 0.61 -0.45	66.01 2.15 -0.25	70.11 2.93 -0.01
QUAKERRD_115KV_BK1 80622	47.76 -2.46 0.00	46.47 -2.72 0.00	38.95 -2.14 -0.03	39.59 -2.13 0.00	36.14 -1.90 0.00	35.71 -1.89 -0.09	34.22 -1.76 0.00	19.71 -1.10 -1.88	32.33 -2.00 0.00	29.16 -1.79 0.00	36.10 -2.29 -1.74	36.55 -2.41 -2.36	37.54 -2.61 -0.94	38.19 -2.55 -1.01	41.02 -2.79 -2.82	44.47 -2.89 -2.34	50.91 -3.21 -2.92	66.17 -4.07 0.00	67.33 -4.39 0.00	67.84 -4.32 0.00	54.32 -3.81 -1.15	43.59 -3.00 -2.43	61.06 -3.89 -1.35	63.44 -3.78 -0.05
QUEENSBRY_115KV_TB8 356137	53.80 3.58 0.00	52.63 3.45 0.00	44.32 2.90 -0.36	44.66 2.95 0.00	40.83 2.79 0.00	41.45 2.94 -0.99	38.81 2.82 0.00	41.61 1.51 -21.16	36.85 2.52 0.00	33.04 1.99 -0.10	60.31 2.01 -21.65	65.02 1.84 -26.58	51.99 2.09 -10.70	53.23 2.14 -11.36	75.14 2.39 -31.77	74.19 2.84 -26.32	87.60 3.48 -32.92	74.82 4.57 0.00	76.32 4.60 0.00	76.69 4.53 0.00	73.41 3.38 -13.04	74.36 2.59 -27.61	82.56 3.64 -15.32	71.33 3.59 -0.58
RAMAPO___LBMP 323565	52.56 2.34 0.00	51.46 2.28 0.00	43.03 1.69 -0.29	43.37 1.65 0.00	39.57 1.53 0.00	39.99 1.69 -0.78	37.70 1.71 0.00	36.70 1.01 -16.75	36.18 1.86 0.00	33.09 1.70 -0.43	53.83 2.05 -15.13	57.31 1.93 -18.78	38.56 2.03 2.67	32.95 1.99 8.76	68.08 1.95 -25.14	67.78 1.92 -20.83	79.63 2.37 -26.06	73.45 3.21 0.00	75.29 3.57 0.00	75.46 3.30 0.00	69.92 2.61 -10.32	68.00 1.99 -21.85	78.31 2.58 -12.13	70.26 2.64 -0.46
RANKINE____ 23646	48.06 -2.16 0.00	46.51 -2.67 0.00	39.21 -1.89 -0.04	39.95 -1.76 0.00	36.45 -1.59 0.00	36.00 -1.63 -0.12	34.46 -1.53 0.00	20.34 -1.17 -2.57	32.30 -2.03 0.00	29.19 -1.77 0.00	36.59 -2.44 -2.38	36.85 -2.56 -2.81	37.94 -2.55 -1.29	38.44 -2.67 -1.38	39.09 -3.17 -1.27	40.39 -3.24 1.40	49.00 -3.79 -1.60	65.70 -4.54 0.00	66.19 -4.93 0.59	67.45 -4.71 0.00	51.28 -4.42 1.28	44.17 -3.33 -3.33	61.60 -3.86 -1.85	64.22 -3.02 -0.07
RAVENSWOOD_GT2_1 24244	53.08 2.86 0.00	51.96 2.78 0.00	43.48 2.13 -0.30	43.83 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.18 -0.34	67.21 2.68 -27.88	62.24 2.66 -22.98	57.43 2.83 -15.39	61.81 2.80 -19.29	69.60 2.66 -25.95	69.20 2.67 -21.49	81.31 3.22 -26.89	74.56 4.32 0.00	76.49 4.76 0.00	76.59 4.43 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.67 3.56 -12.51	71.28 3.65 -0.47

RAVENSWOOD_GT2_2 24245	53.08 2.86 0.00	51.96 2.78 0.00	43.48 2.13 -0.30	43.83 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.18 -0.34	67.21 2.68 -27.88	62.24 2.66 -22.98	57.43 2.83 -15.39	61.81 2.80 -19.29	69.60 2.66 -25.95	69.20 2.67 -21.49	81.31 3.22 -26.89	74.56 4.32 0.00	76.49 4.76 0.00	76.59 4.43 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.67 3.56 -12.51	71.28 3.65 -0.47
RAVENSWOOD_GT2_3 24246	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.85 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.66 2.33 0.00	33.49 2.20 -0.34	67.23 2.70 -27.88	62.25 2.67 -22.98	57.45 2.85 -15.39	61.84 2.83 -19.29	69.62 2.69 -25.95	69.23 2.70 -21.49	81.36 3.27 -26.89	74.62 4.38 0.00	76.52 4.80 0.00	76.64 4.49 0.00	71.17 3.53 -10.65	69.44 2.73 -22.55	79.70 3.58 -12.51	71.32 3.69 -0.47
RAVENSWOOD_GT2_4 24247	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.85 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.66 2.33 0.00	33.49 2.20 -0.34	67.23 2.70 -27.88	62.25 2.67 -22.98	57.45 2.85 -15.39	61.84 2.83 -19.29	69.62 2.69 -25.95	69.23 2.70 -21.49	81.36 3.27 -26.89	74.62 4.38 0.00	76.52 4.80 0.00	76.64 4.49 0.00	71.17 3.53 -10.65	69.44 2.73 -22.55	79.70 3.58 -12.51	71.32 3.69 -0.47
RAVENSWOOD_GT3_1 24248	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.47 1.24 -17.28	36.65 2.32 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.44 2.84 -15.39	61.82 2.80 -19.29	69.60 2.66 -25.95	69.20 2.67 -21.49	81.32 3.24 -26.89	74.58 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47
RAVENSWOOD_GT3_2 24249	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.47 1.24 -17.28	36.65 2.32 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.44 2.84 -15.39	61.82 2.80 -19.29	69.60 2.66 -25.95	69.20 2.67 -21.49	81.32 3.24 -26.89	74.58 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47
RAVENSWOOD_GT3_3 24250	53.15 2.93 0.00	52.03 2.85 0.00	43.53 2.18 -0.30	43.90 2.18 0.00	40.04 2.01 0.00	40.48 2.16 -0.81	38.18 2.19 0.00	37.49 1.27 -17.28	36.70 2.37 0.00	33.53 2.24 -0.34	67.27 2.74 -27.88	62.30 2.72 -22.98	57.49 2.90 -15.39	61.89 2.87 -19.29	69.67 2.74 -25.95	69.28 2.76 -21.49	81.41 3.33 -26.89	74.70 4.46 0.00	76.62 4.90 0.00	76.73 4.57 0.00	71.26 3.62 -10.65	69.49 2.78 -22.55	79.77 3.65 -12.51	71.40 3.76 -0.47
RAVENSWOOD_GT3_4 24251	53.15 2.93 0.00	52.03 2.85 0.00	43.53 2.18 -0.30	43.90 2.18 0.00	40.04 2.01 0.00	40.48 2.16 -0.81	38.18 2.19 0.00	37.49 1.27 -17.28	36.70 2.37 0.00	33.53 2.24 -0.34	67.27 2.74 -27.88	62.30 2.72 -22.98	57.49 2.90 -15.39	61.89 2.87 -19.29	69.67 2.74 -25.95	69.28 2.76 -21.49	81.41 3.33 -26.89	74.70 4.46 0.00	76.62 4.90 0.00	76.73 4.57 0.00	71.26 3.62 -10.65	69.49 2.78 -22.55	79.77 3.65 -12.51	71.40 3.76 -0.47
RAVENSWOOD_GT_1 23729	53.11 2.89 0.00	52.01 2.83 0.00	43.57 2.21 -0.30	43.92 2.20 0.00	40.08 2.04 0.00	40.51 2.18 -0.81	38.22 2.24 0.00	37.51 1.29 -17.28	36.76 2.43 0.00	33.59 2.30 -0.34	67.30 2.77 -27.88	62.34 2.76 -22.98	57.55 2.96 -15.39	61.94 2.93 -19.29	69.66 2.73 -25.95	69.24 2.72 -21.49	81.35 3.26 -26.89	74.63 4.39 0.00	76.56 4.83 0.00	76.67 4.51 0.00	71.23 3.59 -10.65	69.51 2.80 -22.55	79.77 3.65 -12.51	71.46 3.83 -0.47
RAVENSWOOD_GT_10 24258	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.43 2.84 -15.39	61.81 2.80 -19.29	69.60 2.67 -25.95	69.20 2.67 -21.49	81.33 3.24 -26.89	74.59 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47
RAVENSWOOD_GT_11 24259	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.43 2.84 -15.39	61.81 2.80 -19.29	69.60 2.67 -25.95	69.20 2.67 -21.49	81.33 3.24 -26.89	74.59 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47
RAVENSWOOD_GT_4 24252	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.95 0.00	40.42 2.10 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.18 -0.34	67.22 2.68 -27.88	62.23 2.65 -22.98	57.41 2.82 -15.39	61.80 2.78 -19.29	69.61 2.67 -25.95	69.21 2.69 -21.49	81.35 3.26 -26.89	74.59 4.35 0.00	76.50 4.78 0.00	76.63 4.47 0.00	71.15 3.52 -10.65	69.42 2.71 -22.55	79.70 3.58 -12.51	71.28 3.65 -0.47
RAVENSWOOD_GT_5 24254	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.95 0.00	40.42 2.10 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.18 -0.34	67.22 2.68 -27.88	62.23 2.65 -22.98	57.41 2.82 -15.39	61.80 2.78 -19.29	69.61 2.67 -25.95	69.21 2.69 -21.49	81.35 3.26 -26.89	74.59 4.35 0.00	76.50 4.78 0.00	76.63 4.47 0.00	71.15 3.52 -10.65	69.42 2.71 -22.55	79.70 3.58 -12.51	71.28 3.65 -0.47
RAVENSWOOD_GT_6 24253	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.95 0.00	40.42 2.10 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.18 -0.34	67.22 2.68 -27.88	62.23 2.65 -22.98	57.41 2.82 -15.39	61.80 2.78 -19.29	69.61 2.67 -25.95	69.21 2.69 -21.49	81.35 3.26 -26.89	74.59 4.35 0.00	76.50 4.78 0.00	76.63 4.47 0.00	71.15 3.52 -10.65	69.42 2.71 -22.55	79.70 3.58 -12.51	71.28 3.65 -0.47
RAVENSWOOD_GT_7 24255	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.95 0.00	40.42 2.10 -0.81	38.12 2.13 0.00	37.46 1.24 -17.28	36.64 2.31 0.00	33.48 2.18 -0.34	67.22 2.68 -27.88	62.23 2.65 -22.98	57.41 2.82 -15.39	61.80 2.78 -19.29	69.61 2.67 -25.95	69.21 2.69 -21.49	81.35 3.26 -26.89	74.59 4.35 0.00	76.50 4.78 0.00	76.63 4.47 0.00	71.15 3.52 -10.65	69.42 2.71 -22.55	79.70 3.58 -12.51	71.28 3.65 -0.47
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.43 2.84 -15.39	61.81 2.80 -19.29	69.60 2.67 -25.95	69.20 2.67 -21.49	81.33 3.24 -26.89	74.59 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47

RAVENSWOOD_GT_9 24257	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.95 0.00	40.42 2.09 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.65 2.31 0.00	33.48 2.19 -0.34	67.22 2.69 -27.88	62.24 2.66 -22.98	57.43 2.84 -15.39	61.81 2.80 -19.29	69.60 2.67 -25.95	69.20 2.67 -21.49	81.33 3.24 -26.89	74.59 4.34 0.00	76.49 4.76 0.00	76.60 4.44 0.00	71.15 3.51 -10.65	69.42 2.71 -22.55	79.69 3.57 -12.51	71.29 3.65 -0.47
RAVENSWOOD___1 23533	53.05 2.83 0.00	51.96 2.78 0.00	43.49 2.14 -0.30	43.86 2.14 0.00	40.02 1.98 0.00	40.45 2.12 -0.81	38.16 2.17 0.00	37.48 1.25 -17.28	36.69 2.36 0.00	33.54 2.25 -0.34	67.24 2.71 -27.88	62.30 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.62 2.69 -25.95	69.19 2.66 -21.49	81.30 3.21 -26.89	74.56 4.32 0.00	76.48 4.76 0.00	76.57 4.41 0.00	71.16 3.53 -10.65	69.45 2.74 -22.55	79.68 3.56 -12.51	71.35 3.72 -0.47
RAVENSWOOD___2 23534	53.05 2.83 0.00	51.96 2.78 0.00	43.49 2.14 -0.30	43.86 2.14 0.00	40.02 1.98 0.00	40.45 2.12 -0.81	38.16 2.17 0.00	37.48 1.25 -17.28	36.69 2.36 0.00	33.54 2.25 -0.34	67.24 2.71 -27.88	62.30 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.62 2.69 -25.95	69.19 2.66 -21.49	81.30 3.21 -26.89	74.56 4.32 0.00	76.48 4.76 0.00	76.57 4.41 0.00	71.16 3.53 -10.65	69.45 2.74 -22.55	79.68 3.56 -12.51	71.35 3.72 -0.47
RAVENSWOOD___3 23535	53.08 2.86 0.00	51.97 2.79 0.00	43.49 2.14 -0.30	43.84 2.13 0.00	39.99 1.96 0.00	40.43 2.10 -0.81	38.13 2.14 0.00	37.47 1.24 -17.28	36.65 2.32 0.00	33.49 2.20 -0.34	67.22 2.69 -27.88	62.25 2.66 -22.98	57.43 2.84 -15.39	61.82 2.81 -19.29	69.61 2.67 -25.95	69.20 2.67 -21.49	81.33 3.24 -26.89	74.58 4.34 0.00	76.48 4.76 0.00	76.61 4.45 0.00	71.16 3.52 -10.65	69.43 2.72 -22.55	79.69 3.57 -12.51	71.28 3.64 -0.47
RAVENSWOOD___4 23820	53.05 2.83 0.00	51.96 2.78 0.00	43.49 2.14 -0.30	43.86 2.14 0.00	40.02 1.98 0.00	40.45 2.12 -0.81	38.16 2.17 0.00	37.48 1.25 -17.28	36.69 2.36 0.00	33.54 2.25 -0.34	67.24 2.71 -27.88	62.30 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.62 2.69 -25.95	69.19 2.66 -21.49	81.30 3.21 -26.89	74.56 4.32 0.00	76.48 4.76 0.00	76.57 4.41 0.00	71.16 3.53 -10.65	69.45 2.74 -22.55	79.68 3.56 -12.51	71.35 3.72 -0.47
RCPL_TRUST___DRP 24196	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.84 2.12 0.00	39.99 1.96 0.00	40.44 2.11 -0.81	38.13 2.14 0.00	37.46 1.24 -17.28	36.65 2.32 0.00	33.48 2.19 -0.34	67.26 2.68 -27.93	62.23 2.64 -22.99	57.45 2.81 -15.43	61.85 2.77 -19.35	69.60 2.66 -25.95	69.22 2.70 -21.49	81.35 3.27 -26.89	74.62 4.37 0.00	76.50 4.78 0.00	76.63 4.47 0.00	71.15 3.52 -10.65	69.42 2.72 -22.55	79.70 3.58 -12.51	71.29 3.65 -0.47
RED___ROCHESTER 323720	48.76 -1.46 0.00	47.35 -1.83 0.00	39.41 -1.38 0.27	40.38 -1.34 0.00	36.79 -1.18 0.07	36.41 -1.20 -0.09	34.89 -1.10 0.00	20.09 -0.78 -1.93	32.92 -1.40 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.21 -1.97 -0.97	38.89 -1.88 -1.04	41.50 -2.06 -2.57	44.78 -2.06 -1.82	51.62 -2.28 -2.70	67.13 -2.71 0.40	66.93 -3.04 1.75	66.79 -2.95 2.42	52.32 -2.80 1.87	42.62 -2.21 -0.68	60.44 -2.70 0.47	63.64 -2.40 1.12
REGAN___SOLAR 323812	53.40 3.18 0.00	52.23 3.05 0.00	43.96 2.52 -0.39	44.24 2.53 0.00	40.35 2.31 0.00	40.84 2.27 -1.06	38.22 2.23 0.00	42.74 1.20 -22.60	36.35 2.02 0.00	32.10 1.06 -0.08	60.12 0.93 -22.55	65.87 0.89 -28.38	51.65 1.05 -11.40	53.20 1.34 -12.13	77.03 2.13 -33.92	76.03 2.90 -28.10	90.06 3.71 -35.15	75.60 5.35 0.00	77.14 5.42 0.00	77.58 5.42 0.00	74.99 4.08 -13.92	76.71 3.07 -29.48	84.22 4.26 -16.36	72.22 4.44 -0.61
RENSSELAER___COGEN 23796	51.06 0.84 0.00	50.09 0.90 0.00	42.17 0.76 -0.35	42.47 0.75 0.00	38.75 0.71 0.00	39.20 0.72 -0.96	36.64 0.65 0.00	39.81 0.36 -20.51	35.05 0.72 0.00	31.75 0.69 -0.11	58.93 1.00 -21.28	63.38 1.02 -25.76	50.70 1.12 -10.38	51.92 1.19 -11.01	73.00 1.23 -30.79	71.89 1.36 -25.50	84.44 1.34 -31.90	72.25 2.01 0.00	73.67 1.95 0.00	74.13 1.97 0.00	71.35 1.73 -12.64	72.26 1.34 -26.76	80.47 2.02 -14.85	69.98 2.26 -0.56
REPUBLIC_115KV_BARTNBRK 55605	55.56 5.34 0.00	54.31 5.13 0.00	45.82 4.40 -0.36	46.10 4.39 0.00	42.25 4.21 0.00	43.16 4.65 -0.99	40.52 4.53 0.00	42.60 2.51 -21.15	38.52 4.19 0.00	34.56 3.50 -0.10	62.18 3.88 -21.65	66.58 3.42 -26.56	53.78 3.88 -10.70	55.18 4.10 -11.35	77.61 4.88 -31.75	76.68 5.35 -26.30	90.89 6.80 -32.90	79.18 8.94 0.00	80.68 8.95 0.00	80.73 8.57 0.00	76.20 6.18 -13.03	76.56 4.80 -27.60	85.52 6.60 -15.31	74.21 6.47 -0.58
REVERE_CPPR_DRP 24186	51.00 0.79 0.00	56.07 0.87 -6.01	45.88 0.66 -4.16	48.56 0.71 -6.14	41.23 0.72 -2.47	41.58 0.74 -3.33	40.94 0.80 -4.15	24.72 0.45 -5.33	39.76 0.82 -4.61	32.65 0.66 -1.03	38.15 0.81 -0.69	38.46 0.92 -0.94	40.54 0.96 -0.37	41.09 0.97 -0.40	43.33 1.23 -1.12	47.41 1.45 -0.93	54.01 1.65 -1.16	72.65 2.41 0.00	74.38 2.66 0.00	74.87 2.71 0.00	59.63 2.15 -0.50	46.74 1.54 -1.05	66.30 2.11 -0.58	69.41 2.23 -0.02
REYNOLDS_115KV_TB3 80639	51.47 1.25 0.00	50.48 1.30 0.00	42.51 1.11 -0.35	42.82 1.10 0.00	39.10 1.06 0.00	39.56 1.08 -0.96	36.92 0.93 0.00	40.01 0.53 -20.54	35.31 0.98 0.00	32.00 0.93 -0.11	59.27 1.28 -21.34	63.71 1.31 -25.80	51.01 1.41 -10.40	52.23 1.48 -11.02	73.38 1.55 -30.84	72.26 1.68 -25.55	84.86 1.71 -31.96	72.64 2.40 0.00	74.11 2.39 0.00	74.59 2.43 0.00	71.74 2.09 -12.66	72.61 1.65 -26.80	80.92 2.44 -14.87	70.38 2.66 -0.56
RIVERBAY____ 323610	53.24 3.03 0.00	52.23 3.05 0.00	43.79 2.44 -0.30	44.10 2.39 0.00	40.23 2.19 0.00	40.61 2.28 -0.81	38.31 2.32 0.00	37.56 1.34 -17.28	36.85 2.52 0.00	33.72 2.42 -0.34	67.48 2.95 -27.88	62.52 2.93 -22.98	57.64 3.04 -15.39	62.04 3.02 -19.29	69.79 2.86 -25.95	69.56 3.03 -21.49	81.74 3.65 -26.89	75.24 5.00 0.00	77.18 5.45 0.00	77.21 5.05 0.00	71.62 3.99 -10.65	69.76 3.04 -22.55	80.10 3.98 -12.51	71.92 4.29 -0.47
RIVERSDE_115KV_TB3 55908	51.27 1.05 0.00	50.29 1.11 0.00	42.34 0.93 -0.35	42.65 0.93 0.00	38.94 0.90 0.00	39.40 0.92 -0.96	36.80 0.81 0.00	39.99 0.46 -20.59	35.21 0.87 0.00	31.91 0.84 -0.11	59.18 1.18 -21.34	63.66 1.21 -25.85	50.94 1.31 -10.42	52.16 1.38 -11.05	73.32 1.43 -30.90	72.20 1.57 -25.60	84.81 1.59 -32.02	72.55 2.31 0.00	73.99 2.27 0.00	74.46 2.30 0.00	71.65 1.98 -12.69	72.56 1.54 -26.86	80.81 2.30 -14.90	70.28 2.55 -0.56
ROARING___BROOK_WT_PWR 323790	47.97 -2.25 0.00	39.80 -2.24 7.14	34.36 -1.77 4.93	32.64 -1.79 7.29	33.35 -1.75 2.93	31.75 -1.86 3.91	29.41 -1.64 4.93	12.62 -0.87 5.45	27.33 -1.52 5.48	28.42 -1.30 1.23	35.14 -1.51 0.00	35.44 -1.16 0.00	38.37 -0.83 0.00	39.31 -0.41 0.00	40.77 -0.21 0.00	44.52 -0.51 0.00	50.51 -0.69 0.00	69.48 -0.76 0.00	70.61 -1.12 0.00	71.14 -1.02 0.00	56.43 -0.55 0.00	43.80 -0.36 0.00	63.71 0.10 0.00	67.49 0.33 0.00

ROCHESRG_115KV_T4 355643	48.24 -1.98 0.00	46.89 -2.30 0.00	39.33 -1.76 -0.03	39.99 -1.72 0.00	36.51 -1.53 0.00	36.05 -1.56 -0.09	34.54 -1.45 0.00	19.88 -0.97 -1.92	32.57 -1.76 0.00	29.38 -1.57 0.00	36.36 -2.06 -1.77	36.76 -2.18 -2.34	37.85 -2.31 -0.96	38.47 -2.28 -1.03	40.93 -2.55 -2.49	44.10 -2.63 -1.70	50.88 -2.94 -2.62	66.59 -3.65 0.00	67.65 -3.99 0.09	68.26 -3.90 0.00	54.20 -3.53 -0.75	43.87 -2.77 -2.48	61.58 -3.40 -1.38	64.08 -3.14 -0.05
ROCHESTER_9_IC 23652	48.52 -1.70 0.00	47.14 -2.05 0.00	39.54 -1.55 -0.03	40.19 -1.52 0.00	36.70 -1.34 0.00	36.24 -1.37 -0.09	34.72 -1.27 0.00	20.00 -0.88 -1.93	32.76 -1.57 0.00	29.55 -1.40 0.00	36.56 -1.88 -1.79	36.96 -2.01 -2.37	38.04 -2.13 -0.97	38.69 -2.08 -1.04	41.24 -2.31 -2.57	44.49 -2.35 -1.82	51.28 -2.62 -2.70	67.08 -3.17 0.00	68.15 -3.50 0.07	68.76 -3.40 0.00	54.64 -3.16 -0.82	44.16 -2.50 -2.50	61.96 -3.04 -1.39	64.45 -2.77 -0.05
ROCKVIEW_13_KV_LD 356306	53.14 2.92 0.00	52.04 2.86 0.00	43.50 2.15 -0.30	43.85 2.14 0.00	40.00 1.96 0.00	40.41 2.09 -0.81	38.11 2.12 0.00	37.46 1.23 -17.28	36.63 2.30 0.00	33.46 2.17 -0.34	67.23 2.68 -27.90	62.23 2.65 -22.98	57.42 2.81 -15.41	61.83 2.79 -19.31	69.66 2.73 -25.95	69.33 2.80 -21.49	81.46 3.37 -26.89	74.79 4.54 0.00	76.68 4.95 0.00	76.82 4.66 0.00	71.28 3.65 -10.65	69.51 2.80 -22.55	79.85 3.73 -12.51	71.42 3.79 -0.47
ROME____115KV_TB2 80656	51.00 0.79 0.00	56.07 0.87 -6.01	45.88 0.66 -4.16	48.56 0.71 -6.14	41.23 0.72 -2.47	41.58 0.74 -3.33	40.94 0.80 -4.15	24.72 0.45 -5.33	39.76 0.82 -4.61	32.65 0.66 -1.03	38.15 0.81 -0.69	38.46 0.92 -0.94	40.54 0.96 -0.37	41.09 0.97 -0.40	43.33 1.23 -1.12	47.41 1.45 -0.93	54.01 1.65 -1.16	72.65 2.41 0.00	74.38 2.66 0.00	74.87 2.71 0.00	59.63 2.15 -0.50	46.74 1.54 -1.05	66.30 2.11 -0.58	69.41 2.23 -0.02
ROSETON___1 23587	52.46 2.25 0.00	51.43 2.25 0.00	43.04 1.69 -0.30	43.39 1.68 0.00	39.58 1.55 0.00	39.97 1.65 -0.81	37.65 1.66 0.00	37.19 0.96 -17.28	36.14 1.81 0.00	32.91 1.69 -0.27	60.25 2.09 -21.52	60.36 2.05 -21.71	50.27 2.17 -8.90	51.15 2.15 -9.27	69.06 2.12 -25.95	68.71 2.18 -21.49	80.72 2.64 -26.88	73.79 3.55 0.00	75.62 3.90 0.00	75.83 3.67 0.00	70.52 2.89 -10.65	68.91 2.20 -22.55	79.05 2.93 -12.51	70.62 2.99 -0.47
ROSETON___2 23588	52.46 2.25 0.00	51.43 2.25 0.00	43.04 1.69 -0.30	43.39 1.68 0.00	39.58 1.55 0.00	39.97 1.65 -0.81	37.65 1.66 0.00	37.19 0.96 -17.28	36.14 1.81 0.00	32.91 1.69 -0.27	60.25 2.09 -21.52	60.36 2.05 -21.71	50.27 2.17 -8.90	51.15 2.15 -9.27	69.06 2.12 -25.95	68.71 2.18 -21.49	80.72 2.64 -26.88	73.79 3.55 0.00	75.62 3.90 0.00	75.83 3.67 0.00	70.52 2.89 -10.65	68.91 2.20 -22.55	79.05 2.93 -12.51	70.62 2.99 -0.47
ROTRDAM_115KV_TB3 80664	51.80 1.58 0.00	50.77 1.59 0.00	42.73 1.31 -0.37	43.02 1.31 0.00	39.25 1.21 0.00	39.72 1.21 -1.00	37.13 1.14 0.00	40.94 0.63 -21.37	35.46 1.13 0.00	32.00 0.95 -0.10	59.47 1.09 -21.73	64.53 1.09 -26.84	51.18 1.18 -10.80	52.41 1.22 -11.47	74.42 1.36 -32.08	73.16 1.55 -26.57	86.25 1.81 -33.24	72.66 2.41 0.00	74.23 2.51 0.00	74.68 2.52 0.00	72.14 1.98 -13.17	73.58 1.54 -27.88	81.21 2.14 -15.47	69.96 2.22 -0.58
RUSSELL___1 23602	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
RUSSELL___2 23532	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
RUSSELL___3 23549	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
RUSSELL___4 23556	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
RUSSELL__STATION 23914	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
S SALMON__HYD 24043	48.96 -1.26 0.00	47.87 -1.31 0.00	39.94 -1.13 -0.02	40.59 -1.12 0.00	37.11 -0.92 0.00	36.64 -0.93 -0.06	34.98 -1.01 0.00	19.72 -0.56 -1.34	33.33 -1.00 0.00	30.13 -0.82 0.00	37.07 -0.82 -1.24	37.67 -0.61 -1.68	38.95 -0.92 -0.67	39.35 -1.09 -0.72	41.95 -1.04 -2.01	45.64 -1.06 -1.66	52.14 -1.13 -2.08	68.52 -1.72 0.00	70.31 -1.42 0.00	70.89 -1.27 0.00	56.90 -0.80 -0.71	44.95 -0.72 -1.51	63.34 -1.11 -0.84	65.97 -1.23 -0.03
S.PERRY__115KV_TB1 80734	49.80 -0.42 0.00	48.33 -0.85 0.00	40.63 -0.47 -0.05	41.37 -0.34 0.00	37.80 -0.24 0.00	37.44 -0.21 -0.13	35.92 -0.07 0.00	21.51 -0.19 -2.76	34.07 -0.27 0.00	30.56 -0.39 0.00	38.48 -0.73 -2.56	40.37 -0.97 -4.74	39.49 -1.10 -1.39	40.24 -0.97 -1.48	51.93 -1.07 -12.02	61.70 -0.78 -17.44	62.04 -0.76 -11.60	69.81 -0.44 0.00	72.74 -0.79 -1.81	71.37 -0.79 0.00	66.11 -1.27 -10.40	46.57 -1.17 -3.59	64.08 -1.51 -1.99	65.38 -1.87 -0.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.37 -2.85 0.00	45.84 -3.34 0.00	38.63 -2.47 -0.04	39.33 -2.39 0.00	35.90 -2.14 0.00	35.43 -2.20 -0.11	33.92 -2.07 0.00	19.94 -1.47 -2.47	31.72 -2.61 0.00	28.68 -2.28 0.00	35.91 -3.02 -2.29	36.16 -3.15 -2.70	37.26 -3.18 -1.24	37.77 -3.28 -1.33	38.41 -3.81 -1.24	39.72 -3.98 1.32	48.11 -4.64 -1.55	64.50 -5.74 0.00	64.94 -6.22 0.57	66.16 -5.99 0.00	50.36 -5.41 1.22	43.24 -4.12 -3.20	60.51 -4.87 -1.78	63.14 -4.09 -0.07

SAWYER___23_KV_LOAD 55526	47.37 -2.85 0.00	45.84 -3.34 0.00	38.63 -2.47 -0.04	39.33 -2.39 0.00	35.90 -2.14 0.00	35.43 -2.20 -0.11	33.92 -2.07 0.00	19.94 -1.47 -2.47	31.72 -2.61 0.00	28.68 -2.28 0.00	35.91 -3.02 -2.29	36.16 -3.15 -2.70	37.26 -3.18 -1.24	37.77 -3.28 -1.33	38.41 -3.81 -1.24	39.72 -3.98 1.32	48.11 -4.64 -1.55	64.50 -5.74 0.00	64.94 -6.22 0.57	66.16 -5.99 0.00	50.36 -5.41 1.22	43.24 -4.12 -3.20	60.51 -4.87 -1.78	63.14 -4.09 -0.07
SELKIRK___I 23801	51.57 1.35 0.00	50.57 1.39 0.00	42.56 1.16 -0.35	42.89 1.17 0.00	39.11 1.08 0.00	39.51 1.05 -0.94	36.94 0.95 0.00	39.67 0.52 -20.22	35.27 0.94 0.00	31.91 0.84 -0.12	58.71 0.97 -21.10	63.05 1.05 -25.39	50.65 1.21 -10.24	51.89 1.31 -10.85	72.68 1.35 -30.36	71.77 1.59 -25.15	84.41 1.75 -31.45	72.71 2.46 0.00	74.13 2.41 0.00	74.64 2.48 0.00	71.53 2.09 -12.46	72.17 1.63 -26.38	80.64 2.40 -14.64	70.33 2.62 -0.55
SELKIRK___II 23799	51.30 1.08 0.00	50.32 1.14 0.00	42.34 0.93 -0.35	42.65 0.94 0.00	38.90 0.86 0.00	39.33 0.86 -0.95	36.78 0.79 0.00	39.80 0.45 -20.42	35.17 0.84 0.00	31.86 0.79 -0.11	58.86 1.04 -21.17	63.32 1.07 -25.65	50.69 1.15 -10.34	51.90 1.22 -10.96	72.90 1.26 -30.66	71.81 1.38 -25.40	84.43 1.46 -31.77	72.33 2.08 0.00	73.81 2.09 0.00	74.26 2.10 0.00	71.33 1.77 -12.59	72.18 1.38 -26.65	80.40 2.01 -14.78	69.92 2.20 -0.56
SENECA OSWGO___HYD 24041	49.10 -1.12 0.00	48.00 -1.18 0.00	40.10 -0.97 -0.02	40.76 -0.96 0.00	37.19 -0.85 0.00	36.75 -0.83 -0.06	35.18 -0.81 0.00	19.79 -0.48 -1.33	33.43 -0.90 0.00	30.14 -0.82 0.00	36.88 -1.00 -1.23	37.23 -1.04 -1.67	38.66 -1.21 -0.67	39.15 -1.29 -0.71	41.62 -1.36 -2.00	45.31 -1.38 -1.65	51.77 -1.49 -2.07	68.29 -1.95 0.00	69.68 -2.04 0.00	70.07 -2.09 0.00	56.07 -1.70 -0.79	44.47 -1.37 -1.68	62.50 -2.04 -0.93	64.97 -2.23 -0.03
SENECA___115KV_TB3 355854	48.13 -2.08 0.00	46.60 -2.58 0.00	39.28 -1.81 -0.04	40.02 -1.69 0.00	36.51 -1.53 0.00	36.07 -1.57 -0.12	34.51 -1.48 0.00	20.38 -1.14 -2.57	32.36 -1.97 0.00	29.24 -1.71 0.00	36.66 -2.37 -2.38	36.91 -2.50 -2.81	37.99 -2.50 -1.29	38.51 -2.59 -1.38	39.16 -3.09 -1.27	40.47 -3.16 1.40	49.08 -3.71 -1.60	65.84 -4.40 0.00	66.34 -4.79 0.59	67.58 -4.58 0.00	51.39 -4.32 1.28	44.25 -3.24 -3.33	61.72 -3.74 -1.85	64.35 -2.89 -0.07
SENECA___ENERGY 23797	49.71 -0.50 0.00	48.47 -0.71 0.00	40.58 -0.51 -0.04	41.22 -0.50 0.00	37.62 -0.41 0.00	37.25 -0.36 -0.10	35.70 -0.29 0.00	20.80 -0.23 -2.09	33.96 -0.37 0.00	30.53 -0.42 0.00	37.90 -0.68 -1.93	38.53 -0.78 -2.71	39.37 -0.88 -1.05	39.98 -0.87 -1.12	43.63 -1.02 -3.66	47.66 -0.91 -3.53	54.10 -0.83 -3.73	69.39 -0.85 0.00	70.91 -0.93 -0.12	71.17 -0.99 0.00	57.73 -1.11 -1.86	45.91 -0.95 -2.70	63.84 -1.26 -1.50	65.90 -1.31 -0.06
SHOEMAKER___GT 23640	52.19 1.97 0.00	51.12 1.94 0.00	42.80 1.47 -0.27	43.18 1.46 0.00	39.37 1.33 0.00	39.69 1.43 -0.74	37.44 1.45 0.00	35.57 0.85 -15.78	35.87 1.54 0.00	31.27 1.39 1.08	25.40 1.65 12.90	56.52 1.55 -18.37	40.51 1.64 0.33	38.39 1.63 2.96	66.32 1.64 -23.69	66.40 1.74 -19.63	77.95 2.20 -24.55	73.25 3.00 0.00	75.05 3.33 0.00	75.29 3.13 0.00	69.17 2.46 -9.73	66.62 1.87 -20.59	77.47 2.44 -11.43	70.06 2.46 -0.43
SHOEMAKR_138KV_BK 111 55601	52.16 1.94 0.00	51.09 1.91 0.00	42.77 1.45 -0.27	43.15 1.43 0.00	39.34 1.30 0.00	39.66 1.41 -0.73	37.42 1.43 0.00	35.42 0.84 -15.64	35.86 1.54 0.00	30.83 1.39 1.52	16.65 1.67 21.67	56.43 1.56 -18.26	40.43 1.66 0.44	38.84 1.65 2.53	66.12 1.64 -23.49	66.21 1.73 -19.46	77.69 2.16 -24.34	73.18 2.94 0.00	74.98 3.26 0.00	75.20 3.04 0.00	69.03 2.41 -9.64	66.40 1.83 -20.41	77.32 2.39 -11.33	69.99 2.40 -0.43
SHOREHAM_IC_1 23715	53.60 3.38 0.00	52.59 3.41 0.00	43.72 2.37 -0.30	44.57 2.86 0.00	40.68 2.65 0.00	41.28 2.95 -0.81	39.03 3.03 0.00	37.93 1.71 -17.29	37.06 2.73 0.00	33.77 2.48 -0.34	67.26 2.77 -27.84	62.38 2.80 -22.98	57.36 2.81 -15.35	61.82 2.86 -19.23	70.17 3.23 -25.95	70.45 3.92 -21.50	82.99 4.89 -26.89	75.59 5.34 0.00	80.09 6.76 -1.61	82.74 6.45 -4.12	118.78 4.92 -56.88	78.57 3.48 -30.94	116.13 4.91 -47.62	72.30 4.66 -0.47
SHOREHAM_IC_2 23716	53.60 3.38 0.00	52.59 3.41 0.00	43.72 2.37 -0.30	44.57 2.86 0.00	40.68 2.65 0.00	41.28 2.95 -0.81	39.03 3.03 0.00	37.93 1.71 -17.29	37.06 2.73 0.00	33.77 2.48 -0.34	67.26 2.77 -27.84	62.38 2.80 -22.98	57.36 2.81 -15.35	61.82 2.86 -19.23	70.17 3.23 -25.95	70.45 3.92 -21.50	82.99 4.89 -26.89	75.59 5.34 0.00	80.09 6.76 -1.61	82.74 6.45 -4.12	118.78 4.92 -56.88	78.57 3.48 -30.94	116.13 4.91 -47.62	72.30 4.66 -0.47
SISSONVILLE____ 23735	47.69 -2.53 0.00	14.68 -2.63 31.87	16.77 -2.30 21.99	7.05 -2.14 32.52	22.78 -2.17 13.09	17.62 -2.47 17.43	11.97 -2.00 22.02	-6.42 -1.05 24.32	7.99 -1.91 24.43	23.89 -1.58 5.48	35.02 -1.63 0.00	35.89 -0.71 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.29 0.31 0.00	44.87 -0.16 0.00	51.11 -0.09 0.00	71.10 0.86 0.00	71.74 0.02 0.00	72.68 0.52 0.00	57.40 0.19 -0.22	44.58 -0.05 -0.47	65.03 1.16 -0.26	69.06 1.88 -0.01
SITHE_IND_GS1 24169	48.71 -1.51 0.00	47.65 -1.53 0.00	39.83 -1.23 -0.02	40.46 -1.25 0.00	36.93 -1.11 0.00	36.48 -1.09 -0.05	34.93 -1.06 0.00	19.33 -0.63 -1.02	33.15 -1.18 0.00	29.89 -1.06 0.00	36.27 -1.32 -0.94	36.54 -1.34 -1.28	38.22 -1.50 -0.51	38.71 -1.56 -0.54	40.86 -1.65 -1.53	44.52 -1.77 -1.27	50.76 -2.02 -1.58	67.52 -2.72 0.00	68.89 -2.84 0.00	69.32 -2.84 0.00	55.29 -2.31 -0.62	43.67 -1.80 -1.31	61.74 -2.59 -0.73	64.47 -2.73 -0.03
SITHE_IND_GS2 24170	48.71 -1.51 0.00	47.65 -1.53 0.00	39.83 -1.23 -0.02	40.46 -1.25 0.00	36.93 -1.11 0.00	36.48 -1.09 -0.05	34.93 -1.06 0.00	19.33 -0.63 -1.02	33.15 -1.18 0.00	29.89 -1.06 0.00	36.27 -1.32 -0.94	36.54 -1.34 -1.28	38.22 -1.50 -0.51	38.71 -1.56 -0.54	40.86 -1.65 -1.53	44.52 -1.77 -1.27	50.76 -2.02 -1.58	67.52 -2.72 0.00	68.89 -2.84 0.00	69.32 -2.84 0.00	55.29 -2.31 -0.62	43.67 -1.80 -1.31	61.74 -2.59 -0.73	64.47 -2.73 -0.03
SITHE_IND_GS3 24171	48.71 -1.51 0.00	47.65 -1.53 0.00	39.83 -1.23 -0.02	40.46 -1.25 0.00	36.93 -1.11 0.00	36.48 -1.09 -0.05	34.93 -1.06 0.00	19.33 -0.63 -1.02	33.15 -1.18 0.00	29.89 -1.06 0.00	36.27 -1.32 -0.94	36.54 -1.34 -1.28	38.22 -1.50 -0.51	38.71 -1.56 -0.54	40.86 -1.65 -1.53	44.52 -1.77 -1.27	50.76 -2.02 -1.58	67.52 -2.72 0.00	68.89 -2.84 0.00	69.32 -2.84 0.00	55.29 -2.31 -0.62	43.67 -1.80 -1.31	61.74 -2.59 -0.73	64.47 -2.73 -0.03
SITHE_IND_GS4 24172	48.71 -1.51 0.00	47.65 -1.53 0.00	39.83 -1.23 -0.02	40.46 -1.25 0.00	36.93 -1.11 0.00	36.48 -1.09 -0.05	34.93 -1.06 0.00	19.33 -0.63 -1.02	33.15 -1.18 0.00	29.89 -1.06 0.00	36.27 -1.32 -0.94	36.54 -1.34 -1.28	38.22 -1.50 -0.51	38.71 -1.56 -0.54	40.86 -1.65 -1.53	44.52 -1.77 -1.27	50.76 -2.02 -1.58	67.52 -2.72 0.00	68.89 -2.84 0.00	69.32 -2.84 0.00	55.29 -2.31 -0.62	43.67 -1.80 -1.31	61.74 -2.59 -0.73	64.47 -2.73 -0.03

SITHE___BATAVIA 24024	48.79 -1.43 0.00	47.29 -1.89 0.00	39.26 -1.37 0.42	40.46 -1.26 0.00	36.81 -1.12 0.11	36.46 -1.17 -0.10	34.92 -1.07 0.00	20.24 -0.90 -2.20	32.78 -1.55 0.00	29.57 -1.38 0.00	36.60 -2.08 -2.03	36.76 -2.38 -2.55	38.25 -2.05 -1.10	38.59 -2.31 -1.18	40.54 -2.41 -1.97	43.11 -2.29 -0.37	50.77 -2.61 -2.18	66.62 -3.03 0.59	65.43 -3.48 2.81	65.19 -3.35 3.62	49.57 -3.29 4.13	41.64 -2.64 -0.12	59.33 -3.08 1.20	62.98 -2.49 1.69
SITHE___INDEPEND 23800	48.71 -1.51 0.00	47.65 -1.53 0.00	39.83 -1.24 -0.02	40.46 -1.25 0.00	36.93 -1.11 0.00	36.48 -1.09 -0.05	34.93 -1.06 0.00	19.33 -0.63 -1.02	33.15 -1.18 0.00	29.89 -1.06 0.00	36.27 -1.32 -0.94	36.54 -1.34 -1.28	38.22 -1.49 -0.51	38.71 -1.56 -0.54	40.86 -1.65 -1.53	44.53 -1.77 -1.27	50.76 -2.02 -1.58	67.52 -2.72 0.00	68.89 -2.83 0.00	69.32 -2.84 0.00	55.29 -2.31 -0.62	43.67 -1.80 -1.31	61.75 -2.58 -0.73	64.46 -2.73 -0.03
SITHE___MASSENA 23902	47.74 -2.48 0.00	25.02 -2.62 21.54	23.95 -2.24 14.86	17.65 -2.08 21.98	27.04 -2.15 8.85	23.26 -2.46 11.79	19.10 -2.01 14.88	1.42 -1.08 16.44	15.84 -1.98 16.51	25.61 -1.64 3.71	34.90 -1.75 0.00	35.78 -0.82 0.00	38.70 -0.50 0.00	39.55 -0.17 0.00	41.14 0.15 0.00	44.66 -0.37 0.00	50.97 -0.23 0.00	70.81 0.57 0.00	71.22 -0.51 0.00	72.10 -0.06 0.00	56.84 -0.31 -0.16	44.12 -0.38 -0.35	64.78 0.98 -0.19	68.76 1.59 -0.01
SITHE___OGDNSBRG 24021	48.42 -1.80 0.00	19.35 -1.98 27.86	20.13 -1.71 19.22	11.76 -1.53 28.43	24.96 -1.64 11.44	20.33 -1.95 15.24	15.28 -1.47 19.25	-3.09 -0.78 21.26	11.54 -1.44 21.35	24.92 -1.23 4.79	35.44 -1.21 0.00	36.28 -0.33 0.00	39.15 -0.05 0.00	40.04 0.31 0.00	41.81 0.82 0.00	45.38 0.35 0.00	51.96 0.77 0.00	72.34 2.10 0.00	72.79 1.07 0.00	73.71 1.55 0.00	58.10 0.91 -0.20	45.04 0.46 -0.42	65.82 1.99 -0.23	69.96 2.78 -0.01
SITHE___STERLING 23777	50.95 0.73 0.00	53.52 0.79 -3.56	44.16 0.64 -2.47	46.04 0.69 -3.63	40.21 0.71 -1.46	40.24 0.73 -1.99	39.21 0.76 -2.46	22.98 0.42 -3.62	37.81 0.75 -2.72	32.17 0.61 -0.61	38.18 0.69 -0.84	38.49 0.74 -1.14	40.45 0.79 -0.45	40.97 0.75 -0.49	43.19 0.84 -1.37	47.20 1.05 -1.13	53.90 1.29 -1.42	72.03 1.79 0.00	73.62 1.90 0.00	74.04 1.88 0.00	59.02 1.45 -0.58	46.42 1.04 -1.23	65.71 1.43 -0.68	68.69 1.50 -0.03
SLEIGHT__34_KV_TB1 80719	49.02 -1.20 0.00	47.73 -1.45 0.00	39.99 -1.10 -0.03	40.60 -1.11 0.00	37.10 -0.94 0.00	36.69 -0.92 -0.09	35.15 -0.83 0.00	20.25 -0.59 -1.90	33.29 -1.03 0.00	30.02 -0.94 0.00	37.14 -1.27 -1.76	37.61 -1.37 -2.39	38.61 -1.54 -0.95	39.25 -1.50 -1.02	42.22 -1.62 -2.85	45.77 -1.62 -2.36	52.46 -1.70 -2.96	68.23 -2.01 0.00	69.51 -2.21 0.00	69.99 -2.18 0.00	56.00 -2.14 -1.16	44.89 -1.73 -2.46	62.80 -2.17 -1.37	65.10 -2.12 -0.05
SOUTH CAIRO___GT 23612	53.67 3.46 0.00	52.56 3.38 0.00	44.24 2.85 -0.34	44.65 2.93 0.00	40.74 2.70 0.00	41.12 2.69 -0.91	38.53 2.54 0.00	39.84 1.33 -19.57	36.88 2.55 0.00	33.32 2.23 -0.14	59.54 1.95 -20.94	63.06 1.89 -24.58	51.29 2.15 -9.94	52.70 2.47 -10.50	73.37 3.01 -29.38	73.05 3.69 -24.33	86.09 4.45 -30.44	76.80 6.55 0.00	78.15 6.42 0.00	78.53 6.37 0.00	74.05 5.01 -12.06	73.42 3.73 -25.53	83.20 5.43 -14.17	73.46 5.76 -0.53
SOUTH HAMPTN___IC 23720	53.74 3.53 0.00	52.69 3.51 0.00	43.78 2.42 -0.30	44.67 2.95 0.00	40.88 2.84 0.00	41.53 3.21 -0.81	39.27 3.27 0.00	38.07 1.84 -17.29	37.26 2.93 0.00	33.94 2.65 -0.34	67.44 2.95 -27.84	62.48 2.90 -22.98	57.45 2.89 -15.35	61.89 2.93 -19.23	70.24 3.31 -25.95	70.61 4.08 -21.50	83.36 5.26 -26.89	76.26 6.01 0.00	81.04 7.71 -1.61	83.50 7.22 -4.12	119.32 5.51 -56.82	78.94 3.86 -30.93	116.30 5.12 -47.58	72.56 4.92 -0.47
SOUTHDOW_115KV_TB1 355954	49.47 -0.75 0.00	47.71 -1.47 0.00	40.41 -0.69 -0.05	41.12 -0.60 0.00	37.58 -0.46 0.00	37.25 -0.39 -0.13	35.78 -0.21 0.00	21.29 -0.39 -2.75	33.84 -0.50 0.00	30.68 -0.27 0.00	38.56 -0.63 -2.54	38.96 -0.83 -3.20	39.73 -0.85 -1.38	40.17 -1.03 -1.48	42.09 -1.45 -2.55	44.28 -1.37 -0.62	52.39 -1.62 -2.81	68.99 -1.26 0.00	69.76 -1.60 0.36	70.49 -1.67 0.00	54.82 -2.11 0.05	46.21 -1.51 -3.57	63.97 -1.62 -1.98	66.55 -0.68 -0.07
SOUTHOLD_69_KV_BK 2 55809	53.48 3.26 0.00	52.37 3.19 0.00	43.48 2.13 -0.30	44.45 2.74 0.00	40.83 2.80 0.00	41.53 3.20 -0.81	39.28 3.29 0.00	38.08 1.85 -17.29	37.16 2.83 0.00	33.87 2.58 -0.34	67.34 2.85 -27.84	62.29 2.71 -22.98	57.26 2.70 -15.35	61.65 2.70 -19.23	70.03 3.09 -25.95	70.45 3.92 -21.50	83.31 5.22 -26.89	76.32 6.07 0.00	81.41 8.08 -1.61	83.74 7.46 -4.12	119.50 5.69 -56.82	78.98 3.89 -30.93	115.98 4.79 -47.58	72.23 4.60 -0.47
SOUTHOLD___IC 23719	53.48 3.26 0.00	52.37 3.19 0.00	43.48 2.13 -0.30	44.46 2.74 0.00	40.83 2.80 0.00	41.53 3.21 -0.81	39.27 3.28 0.00	38.07 1.84 -17.29	37.16 2.84 0.00	33.87 2.58 -0.34	67.34 2.85 -27.84	62.28 2.71 -22.98	57.26 2.70 -15.35	61.65 2.70 -19.23	70.03 3.09 -25.95	70.45 3.93 -21.50	83.31 5.23 -26.89	76.32 6.07 0.00	81.40 8.07 -1.61	83.74 7.46 -4.12	119.50 5.69 -56.82	78.98 3.90 -30.93	115.98 4.79 -47.58	72.23 4.59 -0.47
SOUTH_FORK_WT_PWR 323839	52.83 2.61 0.00	51.69 2.51 0.00	42.91 1.55 -0.30	43.94 2.22 0.00	40.49 2.46 0.00	41.23 2.91 -0.81	38.97 2.99 0.00	37.92 1.69 -17.29	36.77 2.44 0.00	33.54 2.25 -0.34	66.93 2.44 -27.84	61.80 2.23 -22.98	56.74 2.19 -15.35	61.10 2.14 -19.23	69.44 2.50 -25.95	69.85 3.32 -21.50	82.72 4.63 -26.89	75.57 5.32 0.00	80.92 7.59 -1.61	83.19 6.91 -4.12	119.10 5.29 -56.82	78.61 3.53 -30.93	115.10 3.92 -47.58	71.37 3.74 -0.47
SPIERFLS_115KV_TB 1 80737	53.59 3.37 0.00	52.44 3.26 0.00	44.15 2.74 -0.36	44.50 2.78 0.00	40.67 2.63 0.00	41.26 2.75 -0.99	38.63 2.64 0.00	41.51 1.39 -21.17	36.64 2.31 0.00	32.83 1.77 -0.10	60.06 1.75 -21.65	64.79 1.60 -26.59	51.73 1.82 -10.71	52.94 1.85 -11.36	74.85 2.08 -31.79	73.85 2.49 -26.33	87.18 3.05 -32.94	74.23 3.99 0.00	75.74 4.02 0.00	76.14 3.97 0.00	73.01 2.98 -13.05	74.06 2.28 -27.63	82.15 3.22 -15.33	70.95 3.20 -0.58
ST LAWRENCE____ 23600	47.20 -3.02 0.00	27.59 -3.15 18.44	25.67 -2.66 12.73	20.35 -2.52 18.84	27.91 -2.54 7.60	24.52 -2.84 10.15	20.77 -2.41 12.81	3.48 -1.28 14.18	17.77 -2.34 14.22	25.81 -1.96 3.18	34.51 -2.14 0.00	35.39 -1.21 0.00	38.29 -0.92 0.00	39.15 -0.58 0.00	40.66 -0.32 0.00	44.13 -0.90 0.00	50.34 -0.85 0.00	69.94 -0.30 0.00	70.30 -1.42 0.00	71.16 -0.99 0.00	55.94 -1.05 0.00	43.24 -0.92 0.00	63.79 0.19 0.00	67.91 0.74 0.00
STATE_CA_115KV_115_LB 55624	51.32 1.10 0.00	50.32 1.14 0.00	42.36 0.95 -0.36	42.66 0.95 0.00	38.94 0.90 0.00	39.39 0.91 -0.97	36.84 0.85 0.00	40.13 0.48 -20.71	35.25 0.92 0.00	31.92 0.85 -0.11	59.27 1.22 -21.40	63.86 1.24 -26.01	51.04 1.35 -10.48	52.29 1.45 -11.12	73.56 1.48 -31.09	72.42 1.63 -25.76	85.10 1.69 -32.22	72.72 2.48 0.00	74.16 2.43 0.00	74.60 2.45 0.00	71.83 2.09 -12.76	72.79 1.61 -27.02	80.98 2.38 -14.99	70.38 2.65 -0.56

STATE_ST_34_KV_LOAD 55959	50.42 0.21 0.00	49.26 0.08 0.00	41.20 0.11 -0.04	41.70 -0.02 0.00	38.17 0.13 0.00	37.79 0.17 -0.10	36.20 0.21 0.00	21.00 0.00 -2.07	34.41 0.08 0.00	30.98 0.02 0.00	38.48 -0.08 -1.91	39.04 -0.15 -2.59	39.87 -0.36 -1.04	40.51 -0.32 -1.11	43.74 -0.34 -3.10	47.29 -0.31 -2.57	54.35 -0.06 -3.21	70.17 -0.07 0.00	71.78 0.05 0.00	72.22 0.05 0.00	57.88 -0.37 -1.26	46.49 -0.33 -2.67	64.80 -0.29 -1.48	66.65 -0.57 -0.06
STATION 5_MISC_HYD 23604	48.52 -1.70 0.00	47.14 -2.05 0.00	39.23 -1.56 0.27	40.20 -1.52 0.00	36.63 -1.34 0.07	36.24 -1.37 -0.09	34.73 -1.27 0.00	20.00 -0.87 -1.93	32.76 -1.57 0.00	29.55 -1.40 0.00	36.56 -1.88 -1.79	36.97 -2.00 -2.37	38.04 -2.13 -0.97	38.70 -2.07 -1.04	41.28 -2.27 -2.57	44.52 -2.33 -1.82	51.30 -2.60 -2.70	66.68 -3.16 0.40	66.49 -3.48 1.75	66.35 -3.39 2.42	51.97 -3.15 1.87	42.36 -2.47 -0.68	60.09 -3.05 0.47	63.31 -2.74 1.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.51 -0.71 0.00	48.19 -1.00 0.00	40.37 -0.72 -0.03	41.04 -0.67 0.00	37.47 -0.57 0.00	37.05 -0.56 -0.09	35.53 -0.46 0.00	20.51 -0.38 -1.95	33.67 -0.66 0.00	30.33 -0.62 0.00	37.52 -0.93 -1.81	38.00 -1.05 -2.45	38.96 -1.22 -0.98	39.65 -1.12 -1.05	42.65 -1.26 -2.93	46.31 -1.15 -2.43	53.09 -1.14 -3.03	69.01 -1.24 0.00	70.28 -1.45 0.00	70.75 -1.41 0.00	56.65 -1.53 -1.19	45.42 -1.26 -2.53	63.49 -1.52 -1.40	65.81 -1.41 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.38 -1.84 0.00	47.01 -2.18 0.00	39.42 -1.67 -0.03	40.07 -1.64 0.00	36.59 -1.45 0.00	36.14 -1.47 -0.09	34.63 -1.36 0.00	19.95 -0.91 -1.92	32.69 -1.64 0.00	29.49 -1.46 0.00	36.50 -1.92 -1.78	36.95 -2.06 -2.41	37.97 -2.20 -0.96	38.62 -2.14 -1.03	41.49 -2.37 -2.88	45.00 -2.42 -2.38	51.51 -2.67 -2.98	66.98 -3.27 0.00	68.13 -3.60 0.00	68.63 -3.53 0.00	54.93 -3.23 -1.17	44.09 -2.55 -2.48	61.81 -3.18 -1.38	64.27 -2.94 -0.05
STA_56___34_KV_BUS2 355983	48.38 -1.84 0.00	47.01 -2.18 0.00	39.42 -1.67 -0.03	40.07 -1.64 0.00	36.59 -1.45 0.00	36.14 -1.47 -0.09	34.63 -1.36 0.00	19.95 -0.91 -1.92	32.69 -1.64 0.00	29.49 -1.46 0.00	36.50 -1.92 -1.78	36.95 -2.06 -2.41	37.97 -2.20 -0.96	38.62 -2.14 -1.03	41.49 -2.37 -2.88	45.00 -2.42 -2.38	51.51 -2.67 -2.98	66.98 -3.27 0.00	68.13 -3.60 0.00	68.63 -3.53 0.00	54.93 -3.23 -1.17	44.09 -2.55 -2.48	61.81 -3.18 -1.38	64.27 -2.94 -0.05
STA_67___115KV_BK2 355882	48.41 -1.80 0.00	47.05 -2.14 0.00	39.45 -1.63 -0.03	40.12 -1.60 0.00	36.62 -1.41 0.00	36.17 -1.44 -0.09	34.65 -1.34 0.00	19.96 -0.91 -1.93	32.69 -1.64 0.00	29.49 -1.47 0.00	36.48 -1.95 -1.79	36.89 -2.08 -2.37	37.97 -2.20 -0.97	38.60 -2.16 -1.03	41.14 -2.41 -2.56	44.37 -2.46 -1.80	51.15 -2.74 -2.69	66.89 -3.35 0.00	67.95 -3.69 0.08	68.56 -3.60 0.00	54.48 -3.31 -0.81	44.06 -2.59 -2.50	61.81 -3.18 -1.39	64.31 -2.91 -0.05
STA_7___115KV_9TRANS 80674	48.76 -1.46 0.00	47.36 -1.82 0.00	39.71 -1.38 -0.03	40.38 -1.34 0.00	36.86 -1.18 0.00	36.41 -1.20 -0.09	34.90 -1.09 0.00	20.09 -0.78 -1.93	32.92 -1.41 0.00	29.70 -1.25 0.00	36.74 -1.70 -1.79	37.13 -1.84 -2.37	38.20 -1.97 -0.97	38.88 -1.89 -1.04	41.46 -2.09 -2.57	44.75 -2.10 -1.82	51.60 -2.30 -2.70	67.52 -2.72 0.00	68.60 -3.05 0.07	69.21 -2.95 0.00	54.98 -2.82 -0.82	44.42 -2.24 -2.50	62.31 -2.68 -1.39	64.79 -2.42 -0.05
STA_82___115KV_TB1 80780	48.44 -1.78 0.00	47.06 -2.12 0.00	39.47 -1.62 -0.03	40.14 -1.58 0.00	36.63 -1.41 0.00	36.18 -1.43 -0.09	34.68 -1.31 0.00	19.98 -0.90 -1.94	32.69 -1.63 0.00	29.50 -1.45 0.00	36.52 -1.93 -1.80	36.96 -2.07 -2.44	37.98 -2.19 -0.97	38.63 -2.14 -1.04	41.51 -2.39 -2.91	45.00 -2.44 -2.41	51.50 -2.72 -3.02	66.94 -3.31 0.00	68.08 -3.64 0.00	68.61 -3.55 0.00	54.89 -3.28 -1.19	44.08 -2.59 -2.52	61.84 -3.16 -1.40	64.32 -2.90 -0.05
STEEL___WIND 323596	48.03 -2.19 0.00	46.50 -2.69 0.00	38.57 -1.87 0.61	39.99 -1.73 0.00	36.27 -1.61 0.15	36.03 -1.61 -0.12	34.44 -1.55 0.00	20.34 -1.16 -2.57	32.32 -2.01 0.00	29.18 -1.77 0.00	36.58 -2.44 -2.38	36.85 -2.56 -2.81	37.91 -2.58 -1.29	38.44 -2.67 -1.38	39.15 -3.10 -1.27	40.44 -3.18 1.40	49.00 -3.80 -1.60	64.79 -4.60 0.85	62.61 -4.93 4.19	62.29 -4.68 5.19	45.54 -4.40 7.04	40.32 -3.26 0.58	57.54 -3.93 2.13	61.75 -2.97 2.45
STEPHTWN_115KV_BK_2 55603	51.62 1.40 0.00	50.65 1.47 0.00	42.64 1.23 -0.35	42.91 1.20 0.00	39.19 1.16 0.00	39.69 1.22 -0.96	37.12 1.13 0.00	40.11 0.66 -20.51	35.59 1.26 0.00	32.20 1.13 -0.11	59.43 1.51 -21.28	63.92 1.56 -25.76	51.29 1.70 -10.38	52.50 1.77 -11.01	73.65 1.88 -30.79	72.64 2.10 -25.50	85.32 2.22 -31.90	73.57 3.32 0.00	74.93 3.20 0.00	75.43 3.27 0.00	72.28 2.65 -12.64	72.94 2.02 -26.76	81.47 3.02 -14.85	70.86 3.13 -0.56
STEUBEN_REC_LFGE 323667	48.35 -1.86 0.00	47.03 -2.16 0.00	39.56 -1.56 -0.06	40.30 -1.42 0.00	36.84 -1.20 0.00	36.61 -1.07 -0.16	35.14 -0.85 0.00	21.89 -0.56 -3.51	33.46 -0.87 0.00	30.07 -0.88 0.00	38.36 -1.54 -3.25	40.14 -1.70 -5.24	39.29 -1.67 -1.76	39.87 -1.75 -1.89	49.47 -1.90 -10.38	56.66 -1.83 -13.46	59.33 -2.07 -10.20	68.00 -2.25 0.00	69.97 -2.92 -1.17	68.94 -3.22 0.00	61.67 -3.12 -7.81	46.32 -2.40 -4.57	63.21 -2.93 -2.53	64.47 -2.79 -0.09
STILLWATER___SOLAR 323814	52.92 2.70 0.00	51.82 2.63 0.00	43.63 2.22 -0.36	43.96 2.24 0.00	40.15 2.11 0.00	40.69 2.18 -0.98	38.02 2.03 0.00	41.13 1.12 -21.07	36.27 1.94 0.00	32.67 1.61 -0.10	60.03 1.77 -21.62	64.79 1.72 -26.47	51.75 1.88 -10.66	53.00 1.96 -11.31	74.83 2.21 -31.64	73.85 2.61 -26.21	87.02 3.04 -32.78	74.29 4.04 0.00	75.84 4.12 0.00	76.29 4.12 0.00	73.21 3.24 -12.99	74.15 2.50 -27.50	82.38 3.51 -15.26	71.35 3.61 -0.57
STONY___BROOK 24151	53.71 3.49 0.00	52.70 3.52 0.00	43.81 2.46 -0.30	44.41 2.70 0.00	40.50 2.46 0.00	41.07 2.74 -0.81	38.80 2.81 0.00	37.82 1.59 -17.29	37.05 2.73 0.00	33.82 2.53 -0.34	67.48 2.98 -27.84	62.61 3.04 -22.98	57.61 3.06 -15.35	62.08 3.12 -19.23	70.38 3.44 -25.95	70.58 4.05 -21.50	82.99 4.89 -26.89	76.15 5.91 0.00	80.57 7.24 -1.61	83.00 6.70 -4.14	119.13 5.12 -57.02	78.80 3.68 -30.96	116.53 5.19 -47.73	72.60 4.97 -0.47
STURGEON_POOL_HYD 23609	52.83 2.61 0.00	51.79 2.61 0.00	43.29 1.94 -0.30	43.64 1.92 0.00	39.79 1.75 0.00	40.17 1.83 -0.82	37.88 1.89 0.00	37.58 1.09 -17.55	36.40 2.07 0.00	33.09 1.93 -0.20	59.36 2.34 -20.36	60.92 2.27 -22.05	50.58 2.40 -8.98	51.44 2.29 -9.42	69.62 2.28 -26.35	69.15 2.29 -21.83	81.39 2.88 -27.31	74.20 3.96 0.00	76.10 4.37 0.00	76.32 4.16 0.00	70.95 3.14 -10.82	69.42 2.36 -22.90	79.43 3.12 -12.71	70.75 3.10 -0.48
ST_LAW_115_BK7_LBMP 345037	47.19 -3.03 0.00	26.64 -3.14 19.41	25.00 -2.67 13.39	19.40 -2.52 19.80	27.51 -2.56 7.97	24.04 -2.85 10.62	20.17 -2.41 13.41	2.85 -1.29 14.81	17.10 -2.35 14.87	25.64 -1.97 3.34	34.50 -2.15 0.00	35.39 -1.21 0.00	38.29 -0.91 0.00	39.15 -0.58 0.00	40.68 -0.30 0.00	44.14 -0.89 0.00	50.36 -0.84 0.00	69.97 -0.27 0.00	70.31 -1.41 0.00	71.20 -0.96 0.00	55.96 -1.03 0.00	43.26 -0.90 0.00	63.83 0.23 0.00	67.97 0.80 0.00

ST_LAW_115_BK8_LBMP 345038	47.19 -3.03 0.00	26.64 -3.14 19.41	25.00 -2.67 13.39	19.40 -2.52 19.80	27.51 -2.56 7.97	24.04 -2.85 10.62	20.17 -2.41 13.41	2.85 -1.29 14.81	17.10 -2.35 14.87	25.64 -1.97 3.34	34.50 -2.15 0.00	35.39 -1.21 0.00	38.29 -0.91 0.00	39.15 -0.58 0.00	40.68 -0.30 0.00	44.14 -0.89 0.00	50.36 -0.84 0.00	69.97 -0.27 0.00	70.31 -1.41 0.00	71.20 -0.96 0.00	55.96 -1.03 0.00	43.26 -0.90 0.00	63.83 0.23 0.00	67.97 0.80 0.00
ST_LAW_230_BK5_LBMP 345035	47.20 -3.02 0.00	27.91 -3.15 18.12	25.90 -2.66 12.50	20.70 -2.52 18.50	28.06 -2.54 7.44	24.75 -2.84 9.92	21.06 -2.41 12.52	3.83 -1.28 13.83	18.09 -2.34 13.89	25.87 -1.96 3.12	34.51 -2.14 0.00	35.39 -1.21 0.00	38.29 -0.92 0.00	39.15 -0.58 0.00	40.66 -0.32 0.00	44.13 -0.90 0.00	50.34 -0.85 0.00	69.94 -0.30 0.00	70.30 -1.42 0.00	71.16 -0.99 0.00	55.94 -1.05 0.00	43.24 -0.92 0.00	63.79 0.19 0.00	67.91 0.74 0.00
ST_LAW_230_BK6_LBMP 345036	47.20 -3.02 0.00	27.91 -3.15 18.12	25.90 -2.66 12.50	20.70 -2.52 18.50	28.06 -2.54 7.44	24.75 -2.84 9.92	21.06 -2.41 12.52	3.83 -1.28 13.83	18.09 -2.34 13.89	25.87 -1.96 3.12	34.51 -2.14 0.00	35.39 -1.21 0.00	38.29 -0.92 0.00	39.15 -0.58 0.00	40.66 -0.32 0.00	44.13 -0.90 0.00	50.34 -0.85 0.00	69.94 -0.30 0.00	70.30 -1.42 0.00	71.16 -0.99 0.00	55.94 -1.05 0.00	43.24 -0.92 0.00	63.79 0.19 0.00	67.91 0.74 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.52 2.30 0.00	51.43 2.25 0.00	43.02 1.69 -0.28	43.39 1.67 0.00	39.58 1.54 0.00	39.95 1.67 -0.76	37.67 1.68 0.00	36.17 0.99 -16.24	36.15 1.82 0.00	33.02 1.67 -0.40	55.04 2.00 -16.39	57.23 1.90 -18.73	41.25 2.01 -0.03	37.32 2.00 4.41	67.36 1.99 -24.38	67.26 2.03 -20.20	78.96 2.50 -25.26	73.65 3.40 0.00	75.45 3.73 0.00	75.65 3.49 0.00	69.75 2.75 -10.01	67.44 2.10 -21.19	78.10 2.74 -11.76	70.40 2.79 -0.44
SWANROAD_115KV_TB1 355699	46.36 -3.85 0.00	44.97 -4.21 0.00	37.82 -3.27 -0.04	38.58 -3.13 0.00	35.19 -2.85 0.00	34.71 -2.92 -0.11	33.13 -2.86 0.00	19.35 -1.97 -2.38	30.84 -3.49 0.00	27.88 -3.07 0.00	34.80 -4.05 -2.20	35.10 -4.16 -2.67	36.22 -4.18 -1.20	36.68 -4.33 -1.28	37.82 -4.75 -1.59	39.51 -4.95 0.56	47.16 -5.90 -1.86	62.63 -7.61 0.00	63.06 -8.21 0.45	64.16 -8.00 0.00	49.30 -6.95 0.73	41.88 -5.36 -3.09	58.74 -6.58 -1.71	61.35 -5.88 -0.06
SYNERGY___BIOGAS 323694	48.79 -1.43 0.00	47.29 -1.89 0.00	39.26 -1.37 0.42	40.46 -1.26 0.00	36.81 -1.12 0.11	36.46 -1.17 -0.10	34.92 -1.07 0.00	20.24 -0.90 -2.20	32.78 -1.55 0.00	29.57 -1.38 0.00	36.60 -2.08 -2.03	36.76 -2.38 -2.55	38.25 -2.05 -1.10	38.59 -2.31 -1.18	40.54 -2.41 -1.97	43.11 -2.29 -0.37	50.77 -2.61 -2.18	66.62 -3.03 0.59	65.43 -3.48 2.81	65.19 -3.35 3.62	49.57 -3.29 4.13	41.64 -2.64 -0.12	59.33 -3.08 1.20	62.98 -2.49 1.69
SYRACUSE___ENERGY_ST1 323597	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04
SYRACUSE___ENERGY_ST2 323598	49.96 -0.26 0.00	48.84 -0.34 0.00	40.82 -0.27 -0.03	41.44 -0.28 0.00	37.81 -0.23 0.00	37.40 -0.19 -0.08	35.82 -0.17 0.00	20.46 -0.14 -1.66	34.08 -0.25 0.00	30.69 -0.26 0.00	37.82 -0.37 -1.54	38.29 -0.40 -2.09	39.53 -0.51 -0.83	40.05 -0.57 -0.89	42.87 -0.61 -2.50	46.52 -0.58 -2.07	53.23 -0.55 -2.59	69.56 -0.68 0.00	71.01 -0.71 0.00	71.40 -0.76 0.00	57.26 -0.73 -1.01	45.69 -0.61 -2.14	63.93 -0.86 -1.19	66.20 -1.00 -0.04
SYRACUSE___POWER 24017	49.97 -0.25 0.00	48.84 -0.34 0.00	40.83 -0.26 -0.03	41.47 -0.24 0.00	37.84 -0.19 0.00	37.41 -0.18 -0.08	35.83 -0.16 0.00	20.55 -0.13 -1.74	34.09 -0.23 0.00	30.71 -0.24 0.00	37.90 -0.36 -1.61	38.41 -0.37 -2.18	39.61 -0.46 -0.87	40.10 -0.56 -0.93	42.99 -0.61 -2.61	46.63 -0.56 -2.16	53.35 -0.55 -2.71	69.60 -0.65 0.00	71.02 -0.70 0.00	71.42 -0.74 0.00	57.35 -0.69 -1.06	45.82 -0.58 -2.24	63.99 -0.85 -1.25	66.25 -0.96 -0.05
TALLMAN___138KV_BK151 55660	52.68 2.46 0.00	51.59 2.41 0.00	43.12 1.78 -0.29	43.46 1.75 0.00	39.65 1.61 0.00	40.07 1.78 -0.78	37.80 1.81 0.00	36.70 1.06 -16.70	36.28 1.95 0.00	33.23 1.79 -0.48	55.07 2.15 -16.27	57.38 2.02 -18.77	38.92 2.12 2.41	33.40 2.09 8.41	68.09 2.04 -25.07	67.81 2.01 -20.77	79.63 2.45 -25.98	73.58 3.33 0.00	75.42 3.70 0.00	75.60 3.44 0.00	69.98 2.70 -10.29	68.02 2.07 -21.79	78.37 2.67 -12.09	70.34 2.72 -0.45
TEALLAVE_115KV_TB7 355573	49.67 -0.55 0.00	48.56 -0.62 0.00	40.59 -0.49 -0.03	41.24 -0.47 0.00	37.62 -0.42 0.00	37.21 -0.38 -0.07	35.62 -0.36 0.00	20.14 -0.25 -1.45	33.87 -0.46 0.00	30.51 -0.44 0.00	37.41 -0.58 -1.34	37.82 -0.61 -1.82	39.22 -0.71 -0.73	39.69 -0.82 -0.78	42.27 -0.90 -2.18	45.94 -0.90 -1.81	52.50 -0.96 -2.26	69.01 -1.24 0.00	70.42 -1.30 0.00	70.84 -1.32 0.00	56.73 -1.14 -0.88	45.10 -0.93 -1.87	63.29 -1.35 -1.04	65.77 -1.43 -0.04
TELGRAPH_34_KV_EAST 80808	47.67 -2.55 0.00	46.22 -2.96 0.00	38.86 -2.24 -0.04	39.59 -2.12 0.00	36.14 -1.90 0.00	35.66 -1.97 -0.11	34.12 -1.87 0.00	19.83 -1.38 -2.28	31.91 -2.42 0.00	28.82 -2.13 0.00	35.82 -2.93 -2.11	36.08 -3.11 -2.59	37.55 -2.79 -1.14	37.82 -3.13 -1.22	39.29 -3.47 -1.78	41.43 -3.53 0.08	49.09 -4.13 -2.02	65.11 -5.13 0.00	65.69 -5.65 0.38	66.70 -5.47 0.00	51.60 -4.97 0.42	43.22 -3.88 -2.95	60.58 -4.66 -1.64	63.16 -4.07 -0.06
TEMPLE___115KV_TB 2 55572	49.71 -0.51 0.00	48.60 -0.58 0.00	40.61 -0.47 -0.03	41.26 -0.45 0.00	37.65 -0.38 0.00	37.22 -0.37 -0.07	35.64 -0.35 0.00	20.17 -0.24 -1.47	33.88 -0.45 0.00	30.53 -0.42 0.00	37.45 -0.56 -1.36	37.86 -0.59 -1.85	39.25 -0.69 -0.74	39.73 -0.79 -0.79	42.32 -0.87 -2.21	45.99 -0.87 -1.83	52.55 -0.93 -2.29	69.06 -1.19 0.00	70.46 -1.26 0.00	70.87 -1.29 0.00	56.76 -1.12 -0.90	45.15 -0.90 -1.90	63.35 -1.31 -1.05	65.80 -1.40 -0.04
TIANA____69_KV_BK 1 55817	53.79 3.58 0.00	52.75 3.57 0.00	43.84 2.49 -0.30	44.69 2.98 0.00	40.88 2.84 0.00	41.50 3.17 -0.81	39.23 3.24 0.00	38.06 1.83 -17.29	37.26 2.93 0.00	33.95 2.66 -0.34	67.45 2.96 -27.84	62.52 2.94 -22.98	57.49 2.93 -15.35	61.94 2.99 -19.23	70.29 3.35 -25.95	70.66 4.13 -21.50	83.34 5.25 -26.89	76.24 6.00 0.00	80.93 7.60 -1.61	83.43 7.15 -4.12	119.26 5.46 -56.82	78.93 3.84 -30.93	116.40 5.22 -47.58	72.64 5.01 -0.47
TILDEN___115KV_TB1 80814	49.97 -0.25 0.00	48.84 -0.34 0.00	40.83 -0.26 -0.03	41.47 -0.24 0.00	37.84 -0.19 0.00	37.41 -0.18 -0.08	35.83 -0.16 0.00	20.55 -0.13 -1.74	34.09 -0.23 0.00	30.71 -0.24 0.00	37.90 -0.36 -1.61	38.41 -0.37 -2.18	39.61 -0.46 -0.87	40.10 -0.56 -0.93	42.99 -0.61 -2.61	46.63 -0.56 -2.16	53.35 -0.55 -2.71	69.60 -0.65 0.00	71.02 -0.70 0.00	71.42 -0.74 0.00	57.35 -0.69 -1.06	45.82 -0.58 -2.24	63.99 -0.85 -1.25	66.25 -0.96 -0.05

TRIGEN___CC 323695	53.23 3.01 0.00	52.18 3.00 0.00	43.50 2.15 -0.30	43.94 2.22 0.00	40.05 2.01 0.00	40.57 2.24 -0.81	38.27 2.28 0.00	37.52 1.29 -17.29	36.66 2.33 0.00	33.49 2.20 -0.34	67.18 2.68 -27.84	62.29 2.71 -22.98	57.37 2.82 -15.35	61.82 2.86 -19.23	69.89 2.95 -25.95	69.72 3.19 -21.50	81.85 3.76 -26.90	74.99 4.75 0.00	80.17 5.61 -2.84	84.51 5.08 -7.28	153.06 3.83 -92.25	84.59 2.89 -37.54	142.27 3.95 -74.72	71.49 3.86 -0.47
TRINITY___115KV___4 BK 55933	51.12 0.90 0.00	50.14 0.96 0.00	42.21 0.80 -0.35	42.52 0.81 0.00	38.82 0.78 0.00	39.27 0.80 -0.96	36.71 0.72 0.00	39.89 0.40 -20.55	35.11 0.78 0.00	31.81 0.74 -0.11	59.03 1.08 -21.30	63.52 1.11 -25.81	50.81 1.21 -10.40	52.04 1.28 -11.03	73.15 1.32 -30.85	72.04 1.45 -25.56	84.61 1.44 -31.97	72.38 2.14 0.00	73.83 2.10 0.00	74.30 2.14 0.00	71.49 1.84 -12.67	72.40 1.43 -26.81	80.64 2.16 -14.88	70.13 2.40 -0.56
UNION___PROCESSING_DRP 323587	48.44 -1.78 0.00	47.06 -2.12 0.00	39.48 -1.60 -0.03	40.15 -1.57 0.00	36.65 -1.39 0.00	36.19 -1.41 -0.09	34.68 -1.31 0.00	19.99 -0.90 -1.94	32.71 -1.62 0.00	29.51 -1.45 0.00	36.53 -1.92 -1.80	36.97 -2.06 -2.44	37.99 -2.19 -0.97	38.63 -2.14 -1.04	41.53 -2.38 -2.92	45.01 -2.43 -2.42	51.52 -2.70 -3.02	66.94 -3.30 0.00	68.10 -3.63 0.00	68.63 -3.54 0.00	54.91 -3.27 -1.19	44.12 -2.56 -2.52	61.87 -3.14 -1.40	64.34 -2.88 -0.05
UPPER HUDSON___HYD 24058	53.59 3.37 0.00	52.44 3.26 0.00	44.15 2.74 -0.36	44.50 2.78 0.00	40.67 2.63 0.00	41.26 2.76 -0.99	38.63 2.64 0.00	41.51 1.39 -21.17	36.64 2.31 0.00	32.83 1.77 -0.10	60.06 1.75 -21.65	64.79 1.59 -26.59	51.72 1.82 -10.71	52.95 1.86 -11.36	74.85 2.08 -31.79	73.85 2.49 -26.33	87.18 3.05 -32.94	74.23 3.98 0.00	75.74 4.01 0.00	76.13 3.97 0.00	73.01 2.98 -13.05	74.06 2.28 -27.63	82.14 3.21 -15.33	70.94 3.20 -0.58
UPPER RAQUET___HYD 24056	47.69 -2.53 0.00	14.66 -2.65 31.87	16.76 -2.30 21.99	7.05 -2.15 32.52	22.77 -2.18 13.09	17.61 -2.48 17.43	11.96 -2.01 22.02	-6.43 -1.06 24.32	7.98 -1.92 24.43	23.89 -1.58 5.48	35.02 -1.63 0.00	35.89 -0.72 0.00	38.70 -0.50 0.00	39.55 -0.18 0.00	41.26 0.28 0.00	44.87 -0.16 0.00	51.10 -0.10 0.00	71.10 0.86 0.00	71.74 0.02 0.00	72.68 0.52 0.00	57.40 0.19 -0.22	44.58 -0.05 -0.47	65.16 1.30 -0.26	69.06 1.89 -0.01
VALLEY44_115KV_TB2 355964	50.15 -0.07 0.00	48.44 -0.74 0.00	40.66 -0.44 -0.05	41.37 -0.35 0.00	37.80 -0.24 0.00	37.37 -0.28 -0.13	35.55 -0.44 0.00	21.34 -0.44 -2.84	33.76 -0.57 0.00	30.53 -0.42 0.00	38.39 -0.89 -2.63	39.06 -0.92 -3.38	39.86 -0.77 -1.43	40.09 -1.17 -1.53	42.41 -1.66 -3.09	44.84 -1.62 -1.43	52.50 -2.02 -3.33	68.07 -2.18 0.00	69.19 -2.26 0.27	69.97 -2.19 0.00	55.08 -2.34 -0.44	46.28 -1.57 -3.69	64.20 -1.46 -2.05	66.60 -0.64 -0.08
VALLEY___115KV_TB 1-4 80826	50.89 0.67 0.00	49.80 0.61 0.00	41.67 0.62 0.00	42.41 0.69 0.00	38.70 0.66 0.00	38.21 0.69 0.00	36.57 0.58 0.00	19.31 0.37 0.00	35.03 0.69 0.00	31.41 0.46 0.00	37.04 0.39 0.00	37.00 0.40 0.00	39.61 0.41 0.00	40.31 0.58 0.00	41.85 0.86 0.00	46.18 1.15 0.00	52.45 1.26 0.00	71.91 1.67 0.00	73.42 1.70 0.00	73.71 1.55 0.00	58.30 1.32 0.00	45.20 1.04 0.00	65.11 1.51 0.00	68.57 1.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.71 3.49 0.00	52.53 3.35 0.00	43.95 2.78 -0.12	44.56 2.85 0.00	40.63 2.59 0.00	40.37 2.52 -0.33	38.56 2.57 0.00	27.41 1.40 -7.07	36.94 2.61 0.00	33.22 2.32 0.06	44.66 2.68 -5.34	48.01 2.53 -8.88	45.33 2.63 -3.50	46.12 2.60 -3.80	54.23 2.63 -10.61	56.73 2.91 -8.79	65.60 3.41 -11.00	74.83 4.58 0.00	76.41 4.69 0.00	76.92 4.76 0.00	64.94 3.61 -4.36	56.10 2.72 -9.22	72.55 3.83 -5.11	71.38 4.02 -0.19
VISCHER___FERRY HYD 24020	52.11 1.90 0.00	51.07 1.89 0.00	43.04 1.63 -0.36	43.35 1.64 0.00	39.61 1.57 0.00	40.11 1.62 -0.97	37.40 1.42 0.00	40.53 0.81 -20.78	35.76 1.43 0.00	32.35 1.29 -0.11	59.69 1.54 -21.50	64.27 1.56 -26.10	51.40 1.68 -10.52	52.63 1.75 -11.15	74.11 1.92 -31.20	73.06 2.18 -25.85	85.90 2.37 -32.33	73.41 3.17 0.00	74.94 3.22 0.00	75.42 3.25 0.00	72.49 2.70 -12.81	73.38 2.10 -27.12	81.65 3.00 -15.05	70.89 3.16 -0.57
V_A_10_SYNC_DSASP 323832	47.10 -3.11 0.00	45.65 -3.53 0.00	37.90 -2.71 0.45	39.06 -2.65 0.00	35.55 -2.38 0.11	35.19 -2.43 -0.10	33.68 -2.31 0.00	19.56 -1.51 -2.13	31.59 -2.74 0.00	28.54 -2.41 0.00	35.51 -3.11 -1.97	35.86 -3.22 -2.47	36.94 -3.33 -1.07	37.49 -3.39 -1.14	39.12 -3.80 -1.94	41.39 -4.05 -0.40	48.65 -4.68 -2.14	63.60 -6.02 0.62	62.33 -6.47 2.92	62.07 -6.30 3.80	47.14 -5.54 4.30	39.83 -4.23 0.10	56.99 -5.23 1.38	60.74 -4.64 1.78
V_CMM_10_SYNC_DSASP 323787	47.49 -2.73 0.00	26.92 -2.86 19.41	25.25 -2.42 13.39	19.64 -2.27 19.80	27.74 -2.33 7.97	24.27 -2.63 10.62	20.39 -2.19 13.41	2.96 -1.17 14.81	17.30 -2.16 14.87	25.82 -1.79 3.34	34.71 -1.94 0.00	35.60 -1.00 0.00	38.51 -0.69 0.00	39.37 -0.35 0.00	40.91 -0.07 0.00	44.40 -0.64 0.00	50.66 -0.54 0.00	70.37 0.13 0.00	70.72 -1.00 0.00	71.60 -0.56 0.00	56.28 -0.71 0.00	43.49 -0.67 0.00	64.18 0.58 0.00	68.35 1.19 0.00
V_CMP_10_SYNC_DSASP 323788	47.65 -2.56 0.00	27.16 -2.80 19.22	25.50 -2.29 13.26	20.00 -2.10 19.61	27.94 -2.21 7.89	24.59 -2.41 10.52	20.67 -2.04 13.28	3.26 -1.02 14.66	17.65 -1.95 14.73	26.04 -1.61 3.31	35.07 -1.58 0.00	36.14 -0.46 0.00	39.16 -0.04 0.00	40.09 0.37 0.00	41.71 0.73 0.00	45.41 0.38 0.00	51.81 0.62 0.00	72.00 1.75 0.00	72.61 0.89 0.00	73.36 1.20 0.00	57.63 0.65 0.00	44.55 0.39 0.00	65.70 2.09 0.00	69.69 2.52 0.00
V_D_10_SYNC_DSASP 323841	47.74 -2.48 0.00	25.17 -2.62 21.39	24.06 -2.24 14.76	17.80 -2.08 21.83	27.10 -2.15 8.79	23.34 -2.46 11.71	19.20 -2.01 14.78	1.54 -1.08 16.32	15.95 -1.99 16.40	25.63 -1.64 3.68	34.90 -1.75 0.00	35.78 -0.82 0.00	38.70 -0.50 0.00	39.55 -0.17 0.00	41.14 0.15 0.00	44.65 -0.38 0.00	50.96 -0.24 0.00	70.81 0.57 0.00	71.18 -0.54 0.00	72.10 -0.07 0.00	56.83 -0.32 -0.16	44.12 -0.39 -0.35	64.76 0.97 -0.19	68.76 1.59 -0.01
V_E_10_SYNC_DSASP 323830	54.05 3.83 0.00	52.67 3.49 0.00	44.45 3.14 -0.25	44.84 3.12 0.00	40.97 2.89 -0.04	40.77 3.02 -0.24	39.07 3.08 0.00	25.65 1.63 -5.08	37.45 3.12 0.00	33.62 2.71 0.04	43.72 3.26 -3.81	46.11 3.07 -6.44	44.93 3.22 -2.51	45.56 3.11 -2.72	52.15 3.12 -8.04	55.80 3.70 -7.07	64.17 4.69 -8.29	77.51 7.06 -0.21	79.59 6.88 -0.98	80.45 7.01 -1.27	66.96 4.97 -5.01	55.21 3.48 -7.57	73.21 4.95 -4.64	73.16 5.24 -0.75
V_F_30_NSYNC___DSASP 323816	52.97 2.75 0.00	51.86 2.68 0.00	43.67 2.25 -0.36	43.99 2.28 0.00	40.18 2.14 0.00	40.72 2.21 -0.99	38.05 2.06 0.00	41.19 1.13 -21.12	36.31 1.98 0.00	32.70 1.65 -0.10	60.10 1.82 -21.63	64.91 1.79 -26.52	51.84 1.95 -10.68	53.09 2.03 -11.33	74.94 2.25 -31.70	73.95 2.66 -26.26	87.13 3.08 -32.85	74.35 4.11 0.00	75.91 4.19 0.00	76.34 4.18 0.00	73.28 3.28 -13.02	74.23 2.52 -27.55	82.45 3.55 -15.29	71.40 3.66 -0.58

V_F_30_SYNC_DSASP 323786	51.32 1.10 0.00	50.32 1.14 0.00	42.36 0.95 -0.36	42.66 0.95 0.00	38.94 0.90 0.00	39.39 0.91 -0.97	36.84 0.85 0.00	40.11 0.48 -20.70	35.25 0.92 0.00	31.92 0.85 -0.11	59.25 1.22 -21.39	63.83 1.24 -26.00	51.03 1.35 -10.48	52.27 1.44 -11.11	73.54 1.48 -31.07	72.41 1.63 -25.74	85.08 1.69 -32.20	72.72 2.48 0.00	74.16 2.43 0.00	74.60 2.44 0.00	71.83 2.09 -12.76	72.77 1.61 -27.01	80.96 2.37 -14.98	70.37 2.64 -0.56
V_XM_10_SYNC_DSASP 323789	47.65 -2.56 0.00	27.16 -2.80 19.22	25.50 -2.29 13.26	20.00 -2.10 19.61	27.94 -2.21 7.89	24.59 -2.41 10.52	20.67 -2.04 13.28	3.26 -1.02 14.66	17.65 -1.95 14.73	26.04 -1.61 3.31	35.07 -1.58 0.00	36.14 -0.46 0.00	39.16 -0.04 0.00	40.09 0.37 0.00	41.71 0.73 0.00	45.41 0.38 0.00	51.81 0.62 0.00	72.00 1.75 0.00	72.61 0.89 0.00	73.36 1.20 0.00	57.63 0.65 0.00	44.55 0.39 0.00	65.70 2.09 0.00	69.69 2.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.86 2.65 0.00	51.75 2.57 0.00	43.27 1.92 -0.29	43.61 1.89 0.00	39.79 1.75 0.00	40.21 1.91 -0.78	37.92 1.93 0.00	36.85 1.13 -16.79	36.41 2.08 0.00	33.29 1.90 -0.44	53.97 2.27 -15.05	57.48 2.14 -18.74	38.38 2.25 3.08	32.53 2.22 9.42	68.37 2.19 -25.20	68.06 2.15 -20.87	79.92 2.61 -26.11	73.79 3.54 0.00	75.63 3.91 0.00	75.82 3.66 0.00	70.21 2.88 -10.35	68.26 2.20 -21.90	78.61 2.85 -12.15	70.52 2.90 -0.46
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.08 2.86 0.00	51.98 2.80 0.00	43.49 2.14 -0.30	43.85 2.14 0.00	40.00 1.96 0.00	40.44 2.12 -0.81	38.14 2.15 0.00	37.47 1.24 -17.28	36.65 2.32 0.00	33.49 2.20 -0.34	67.27 2.69 -27.93	62.24 2.66 -22.99	57.46 2.82 -15.43	61.86 2.78 -19.35	69.60 2.67 -25.95	69.23 2.71 -21.49	81.35 3.27 -26.89	74.63 4.38 0.00	76.52 4.80 0.00	76.65 4.49 0.00	71.16 3.53 -10.65	69.43 2.72 -22.55	79.71 3.59 -12.51	71.30 3.66 -0.47
W50THST__13_KV_LOAD 356117	53.28 3.07 0.00	52.15 2.96 0.00	43.65 2.30 -0.30	44.02 2.30 0.00	40.16 2.12 0.00	40.60 2.28 -0.81	38.29 2.30 0.00	37.56 1.34 -17.28	36.84 2.51 0.00	33.67 2.38 -0.34	67.45 2.88 -27.93	62.41 2.82 -22.99	57.64 3.00 -15.43	62.03 2.95 -19.35	69.76 2.83 -25.95	69.42 2.90 -21.49	81.57 3.48 -26.89	74.93 4.68 0.00	76.82 5.10 0.00	76.94 4.78 0.00	71.39 3.75 -10.65	69.62 2.92 -22.55	79.98 3.86 -12.51	71.55 3.92 -0.47
WADING RIVER_IC_1 23522	53.57 3.35 0.00	52.56 3.37 0.00	43.69 2.34 -0.30	44.58 2.86 0.00	40.69 2.65 0.00	41.29 2.96 -0.81	39.03 3.04 0.00	37.94 1.71 -17.29	37.04 2.71 0.00	33.75 2.46 -0.34	67.24 2.75 -27.84	62.36 2.78 -22.98	57.32 2.77 -15.35	61.78 2.82 -19.23	70.13 3.20 -25.95	70.44 3.91 -21.50	82.97 4.88 -26.89	75.46 5.22 0.00	80.00 6.67 -1.61	82.66 6.39 -4.12	118.65 4.86 -56.80	78.51 3.43 -30.92	116.00 4.83 -47.56	72.22 4.58 -0.47
WADING RIVER_IC_2 23547	53.57 3.35 0.00	52.56 3.37 0.00	43.69 2.34 -0.30	44.58 2.86 0.00	40.69 2.65 0.00	41.29 2.96 -0.81	39.03 3.04 0.00	37.94 1.71 -17.29	37.04 2.71 0.00	33.75 2.46 -0.34	67.24 2.75 -27.84	62.36 2.78 -22.98	57.32 2.77 -15.35	61.78 2.82 -19.23	70.13 3.20 -25.95	70.44 3.91 -21.50	82.97 4.88 -26.89	75.46 5.22 0.00	80.00 6.67 -1.61	82.66 6.39 -4.12	118.65 4.86 -56.80	78.51 3.43 -30.92	116.00 4.83 -47.56	72.22 4.58 -0.47
WADING RIVER_IC_3 23601	53.57 3.35 0.00	52.56 3.37 0.00	43.69 2.34 -0.30	44.58 2.86 0.00	40.69 2.65 0.00	41.29 2.96 -0.81	39.03 3.04 0.00	37.94 1.71 -17.29	37.04 2.71 0.00	33.75 2.46 -0.34	67.24 2.75 -27.84	62.36 2.78 -22.98	57.32 2.77 -15.35	61.78 2.82 -19.23	70.13 3.20 -25.95	70.44 3.91 -21.50	82.97 4.88 -26.89	75.46 5.22 0.00	80.00 6.67 -1.61	82.66 6.39 -4.12	118.65 4.86 -56.80	78.51 3.43 -30.92	116.00 4.83 -47.56	72.22 4.58 -0.47
WALDENNY_12_KV_BK2 80841	48.06 -2.16 0.00	46.53 -2.65 0.00	39.21 -1.89 -0.04	39.95 -1.77 0.00	36.45 -1.59 0.00	36.00 -1.63 -0.12	34.46 -1.53 0.00	20.30 -1.19 -2.55	32.28 -2.05 0.00	29.17 -1.78 0.00	36.54 -2.47 -2.36	36.81 -2.59 -2.79	37.90 -2.58 -1.28	38.43 -2.67 -1.37	39.14 -3.15 -1.31	40.49 -3.23 1.31	49.04 -3.79 -1.63	65.71 -4.54 0.00	66.20 -4.95 0.58	67.42 -4.74 0.00	51.32 -4.44 1.22	44.11 -3.36 -3.31	61.56 -3.88 -1.84	64.17 -3.06 -0.07
WALDEN__HYDRO 24148	52.95 2.73 0.00	51.86 2.68 0.00	43.39 2.04 -0.29	43.73 2.01 0.00	39.90 1.86 0.00	40.29 1.98 -0.79	38.00 2.01 0.00	36.98 1.16 -16.88	36.47 2.14 0.00	33.28 1.93 -0.39	60.29 2.31 -21.33	59.48 2.23 -20.65	47.63 2.37 -6.06	46.87 2.34 -4.80	68.68 2.36 -25.34	68.50 2.48 -20.99	80.54 3.09 -26.25	74.50 4.26 0.00	76.35 4.63 0.00	76.56 4.39 0.00	70.81 3.42 -10.40	68.77 2.59 -22.02	79.26 3.44 -12.22	71.10 3.47 -0.46
WARRENSBURG____ 23737	53.59 3.37 0.00	52.44 3.26 0.00	44.15 2.74 -0.36	44.50 2.78 0.00	40.67 2.63 0.00	41.26 2.76 -0.99	38.63 2.64 0.00	41.51 1.39 -21.17	36.64 2.31 0.00	32.83 1.77 -0.10	60.06 1.75 -21.65	64.79 1.59 -26.59	51.72 1.82 -10.71	52.95 1.86 -11.36	74.85 2.08 -31.79	73.85 2.49 -26.33	87.18 3.05 -32.94	74.23 3.98 0.00	75.74 4.01 0.00	76.13 3.97 0.00	73.01 2.98 -13.05	74.06 2.28 -27.63	82.14 3.21 -15.33	70.94 3.20 -0.58
WATERSIDE____6 8 9 23538	53.04 2.83 0.00	51.96 2.78 0.00	43.50 2.15 -0.30	43.86 2.14 0.00	40.02 1.98 0.00	40.45 2.12 -0.81	38.16 2.17 0.00	37.48 1.25 -17.28	36.69 2.36 0.00	33.54 2.25 -0.34	67.24 2.71 -27.88	62.30 2.72 -22.98	57.52 2.93 -15.39	61.91 2.90 -19.29	69.62 2.68 -25.95	69.19 2.66 -21.49	81.30 3.21 -26.89	74.56 4.32 0.00	76.49 4.76 0.00	76.58 4.42 0.00	71.17 3.53 -10.65	69.45 2.74 -22.55	79.68 3.56 -12.51	71.37 3.73 -0.47
WATKINRD_115KV_LN8_ILLION 55919	50.71 0.49 0.00	49.66 0.48 0.00	41.50 0.44 0.00	42.19 0.47 0.00	38.48 0.44 0.00	37.99 0.47 0.00	36.39 0.40 0.00	19.19 0.25 0.00	34.81 0.48 0.00	31.27 0.31 0.00	36.92 0.27 0.00	36.90 0.30 0.00	39.53 0.33 0.00	40.18 0.45 0.00	41.63 0.65 0.00	45.88 0.84 0.00	52.15 0.95 0.00	71.53 1.28 0.00	73.03 1.31 0.00	73.42 1.26 0.00	58.05 1.07 0.00	44.99 0.83 0.00	64.78 1.18 0.00	68.28 1.11 0.00
WATSON__69_KV_BK 1 55734	54.22 4.00 0.00	53.19 4.00 0.00	44.21 2.86 -0.30	44.78 3.06 0.00	40.80 2.76 0.00	41.35 3.02 -0.81	39.06 3.07 0.00	37.95 1.73 -17.29	37.33 3.00 0.00	34.07 2.79 -0.34	67.83 3.34 -27.84	62.95 3.37 -22.98	58.02 3.46 -15.35	62.46 3.50 -19.23	70.73 3.80 -25.95	70.95 4.42 -21.50	83.43 5.34 -26.89	76.87 6.62 0.00	81.37 7.99 -1.66	83.81 7.39 -4.25	120.96 5.64 -58.33	79.50 4.14 -31.21	118.19 5.85 -48.73	73.29 5.66 -0.47
WDELAWARE__HYD 323627	52.93 2.71 0.00	51.83 2.65 0.00	43.36 2.04 -0.26	43.76 2.05 0.00	39.90 1.86 0.00	40.21 1.97 -0.71	38.02 2.03 0.00	35.35 1.17 -15.24	36.46 2.13 0.00	32.88 1.87 -0.05	52.37 2.16 -13.57	57.45 2.11 -18.75	47.15 2.23 -5.72	47.00 2.16 -5.11	66.12 2.26 -22.88	66.42 2.44 -18.95	78.01 3.11 -23.70	74.56 4.31 0.00	76.35 4.63 0.00	76.63 4.48 0.00	69.84 3.47 -9.39	66.60 2.56 -19.88	78.02 3.38 -11.03	71.02 3.44 -0.41

WEST BABYLON___IC 23714	54.05 3.83 0.00	53.03 3.85 0.00	44.09 2.74 -0.30	44.61 2.90 0.00	40.64 2.61 0.00	41.18 2.85 -0.81	38.90 2.91 0.00	37.86 1.63 -17.29	37.20 2.87 0.00	33.95 2.66 -0.34	67.71 3.22 -27.84	62.84 3.26 -22.98	57.90 3.34 -15.35	62.33 3.38 -19.23	70.57 3.64 -25.95	70.71 4.17 -21.50	83.12 5.03 -26.89	76.53 6.29 0.00	81.05 7.55 -1.77	83.66 6.95 -4.54	123.86 5.28 -61.60	79.88 3.91 -31.82	120.35 5.50 -51.24	72.99 5.35 -0.47
WEST CANADA___HYD 24049	50.22 0.00 0.00	49.20 0.02 0.00	41.08 0.03 0.00	41.74 0.03 0.00	38.04 0.00 0.00	37.52 0.00 0.00	35.99 0.00 0.00	18.95 0.01 0.00	34.36 0.03 0.00	30.99 0.03 0.00	36.69 0.04 0.00	36.66 0.06 0.00	39.29 0.09 0.00	39.85 0.12 0.00	41.14 0.16 0.00	45.20 0.16 0.00	51.36 0.16 0.00	70.46 0.21 0.00	71.94 0.21 0.00	72.38 0.22 0.00	57.21 0.23 0.00	44.34 0.18 0.00	63.92 0.31 0.00	67.50 0.34 0.00
WESTERN_NY_WIND 24143	48.71 -1.51 0.00	47.21 -1.97 0.00	39.66 -1.43 -0.04	40.38 -1.34 0.00	36.86 -1.18 0.00	36.39 -1.23 -0.10	34.86 -1.13 0.00	20.23 -0.93 -2.22	32.71 -1.62 0.00	29.51 -1.44 0.00	36.57 -2.14 -2.06	36.72 -2.45 -2.56	38.22 -2.10 -1.11	38.53 -2.38 -1.19	40.33 -2.56 -1.91	42.83 -2.44 -0.23	50.59 -2.74 -2.13	67.08 -3.17 0.00	67.75 -3.65 0.33	68.65 -3.51 0.00	53.33 -3.44 0.21	44.29 -2.75 -2.88	62.02 -3.18 -1.60	64.58 -2.64 -0.06
WESTOVER___LESR 323668	50.65 0.43 0.00	49.41 0.23 0.00	41.35 0.20 -0.09	42.00 0.28 0.00	38.27 0.23 0.00	38.00 0.24 -0.25	36.23 0.24 0.00	24.38 0.14 -5.30	34.65 0.32 0.00	31.14 0.23 0.05	40.78 0.18 -3.96	43.43 0.17 -6.65	42.01 0.19 -2.62	42.71 0.13 -2.84	49.04 0.10 -7.95	51.85 0.23 -6.59	59.73 0.30 -8.24	70.68 0.43 0.00	72.13 0.40 0.00	72.55 0.39 0.00	60.37 0.12 -3.26	51.11 0.05 -6.90	67.62 0.19 -3.83	67.45 0.14 -0.14
WETHRSFD_WT_PWR 323626	47.25 -2.97 0.00	45.92 -3.26 0.00	38.51 -2.34 0.20	39.54 -2.18 0.00	36.08 -1.90 0.06	35.80 -1.86 -0.14	34.27 -1.72 0.00	20.74 -1.14 -2.94	32.30 -2.03 0.00	29.05 -1.91 0.00	36.65 -2.72 -2.72	36.12 -2.85 -2.37	37.72 -2.95 -1.48	38.34 -2.97 -1.58	33.84 -3.34 3.81	30.58 -3.47 10.98	44.24 -3.90 3.06	65.01 -4.91 0.33	63.24 -5.23 3.25	65.13 -5.06 1.97	42.97 -4.55 9.47	43.03 -3.47 -2.34	59.87 -4.35 -0.61	62.45 -3.84 0.87
WHAVSTOR_138KV_BK127 55557	52.67 2.45 0.00	51.56 2.38 0.00	43.11 1.77 -0.29	43.45 1.73 0.00	39.64 1.60 0.00	40.07 1.76 -0.78	37.77 1.78 0.00	36.79 1.05 -16.80	36.27 1.94 0.00	33.17 1.78 -0.44	53.63 2.12 -14.86	57.32 1.98 -18.74	38.08 2.09 3.21	32.15 2.05 9.62	68.20 1.99 -25.23	67.87 1.94 -20.90	79.70 2.36 -26.14	73.44 3.19 0.00	75.28 3.55 0.00	75.45 3.29 0.00	69.93 2.59 -10.36	68.07 1.98 -21.93	78.32 2.54 -12.16	70.21 2.59 -0.46
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.67 2.45 0.00	51.56 2.38 0.00	43.11 1.77 -0.29	43.45 1.73 0.00	39.64 1.60 0.00	40.07 1.76 -0.78	37.77 1.78 0.00	36.79 1.05 -16.80	36.27 1.94 0.00	33.17 1.78 -0.44	53.63 2.12 -14.86	57.32 1.98 -18.74	38.08 2.09 3.21	32.15 2.05 9.62	68.20 1.99 -25.23	67.87 1.94 -20.90	79.70 2.36 -26.14	73.44 3.19 0.00	75.28 3.55 0.00	75.45 3.29 0.00	69.93 2.59 -10.36	68.07 1.98 -21.93	78.32 2.54 -12.16	70.21 2.59 -0.46
WHITEHAL_115KV_TB1 80871	54.18 3.96 0.00	52.97 3.79 0.00	44.68 3.27 -0.36	44.96 3.24 0.00	41.20 3.16 0.00	42.03 3.52 -0.99	39.44 3.45 0.00	42.00 1.91 -21.15	37.44 3.11 0.00	33.71 2.66 -0.10	61.10 2.80 -21.65	65.67 2.51 -26.56	52.78 2.88 -10.70	54.10 3.02 -11.35	76.15 3.41 -31.75	75.16 3.82 -26.30	88.98 4.88 -32.90	76.45 6.20 0.00	77.96 6.24 0.00	78.28 6.11 0.00	74.28 4.26 -13.03	75.16 3.41 -27.60	83.61 4.69 -15.31	72.28 4.54 -0.58
WHITEPLN_13_KV_LOAD 356215	53.40 3.18 0.00	52.28 3.10 0.00	43.70 2.35 -0.30	44.06 2.34 0.00	40.18 2.15 0.00	40.63 2.30 -0.81	38.30 2.31 0.00	37.53 1.33 -17.25	36.82 2.49 0.00	33.63 2.33 -0.34	67.87 2.83 -28.39	62.41 2.77 -23.04	58.02 2.94 -15.88	62.69 2.92 -20.05	69.78 2.89 -25.90	69.47 2.98 -21.46	81.67 3.63 -26.84	75.19 4.94 0.00	77.07 5.35 0.00	77.24 5.08 0.00	71.59 3.98 -10.63	69.69 3.02 -22.51	80.14 4.04 -12.49	71.74 4.11 -0.47
WM_FLOYD_69_KV_BK2 356380	53.71 3.49 0.00	52.71 3.52 0.00	43.80 2.45 -0.30	44.54 2.82 0.00	40.62 2.59 0.00	41.22 2.89 -0.81	38.96 2.97 0.00	37.91 1.68 -17.29	37.09 2.77 0.00	33.81 2.52 -0.34	67.34 2.85 -27.84	62.46 2.88 -22.98	57.45 2.89 -15.35	61.90 2.95 -19.23	70.26 3.32 -25.95	70.54 4.01 -21.50	83.05 4.96 -26.89	75.97 5.72 0.00	80.46 7.13 -1.61	82.95 6.66 -4.12	118.97 5.09 -56.89	78.74 3.64 -30.94	116.41 5.17 -47.63	72.60 4.96 -0.47
WOODARD___115KV_TB2 355635	49.58 -0.64 0.00	48.48 -0.70 0.00	40.51 -0.57 -0.03	41.16 -0.56 0.00	37.56 -0.48 0.00	37.13 -0.45 -0.07	35.55 -0.44 0.00	20.14 -0.28 -1.48	33.80 -0.53 0.00	30.46 -0.50 0.00	37.39 -0.64 -1.37	37.80 -0.66 -1.86	39.17 -0.77 -0.75	39.66 -0.87 -0.80	42.27 -0.94 -2.23	45.93 -0.95 -1.85	52.49 -1.02 -2.31	68.94 -1.31 0.00	70.34 -1.39 0.00	70.75 -1.41 0.00	56.69 -1.19 -0.90	45.09 -0.97 -1.90	63.25 -1.41 -1.06	65.71 -1.50 -0.04
YORK___WARBASSE 23770	53.20 2.98 0.00	52.10 2.92 0.00	43.66 2.31 -0.30	44.02 2.31 0.00	40.19 2.16 0.00	40.63 2.30 -0.81	38.31 2.32 0.00	37.56 1.33 -17.28	36.82 2.49 0.00	33.65 2.36 -0.34	67.40 2.86 -27.88	62.44 2.86 -22.98	57.60 3.01 -15.39	62.01 2.99 -19.29	69.72 2.78 -25.95	69.26 2.73 -21.49	81.43 3.35 -26.89	74.79 4.54 0.00	76.74 5.02 0.00	76.82 4.66 0.00	71.34 3.71 -10.65	69.55 2.84 -22.55	79.81 3.69 -12.51	71.50 3.86 -0.47