

Day Ahead Market Generator LBMP

Generator Data		06/05/2026																								
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	EDT	36.16	32.35	27.55	28.83	29.14	32.32	38.68	40.10	40.30	43.33	56.61	59.19	62.95	63.51	66.29	92.15	129.99	133.36	128.60	114.60	88.08	65.09	57.62	48.58	
		1.95	2.14	1.78	1.76	1.65	1.60	1.84	2.34	2.56	2.53	2.67	2.89	3.17	3.60	3.95	4.63	5.30	6.10	7.01	8.06	7.05	4.31	3.97	3.38	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-7.05	-19.22	-18.21	-21.58	-17.54	-16.98	-36.12	-66.50	-59.51	-41.03	-24.26	0.00	0.00	-2.13	-1.26
74TH STREET_GT_1 24260		36.19	32.38	27.61	28.89	29.17	32.35	38.68	40.10	40.30	43.43	56.94	59.53	63.36	63.83	66.54	92.86	131.38	134.50	129.37	114.99	88.08	65.09	57.61	48.61	
		1.98	2.17	1.83	1.81	1.68	1.63	1.84	2.34	2.56	2.46	2.57	2.82	3.09	3.52	3.81	4.52	5.18	5.89	6.85	7.90	7.05	4.31	3.92	3.38	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.17	-1.29
74TH STREET_GT_2 24261		36.19	32.38	27.61	28.89	29.17	32.35	38.68	40.10	40.30	43.43	56.94	59.53	63.36	63.83	66.54	92.86	131.38	134.50	129.37	114.99	88.08	65.09	57.61	48.61	
		1.98	2.17	1.83	1.81	1.68	1.63	1.84	2.34	2.56	2.46	2.57	2.82	3.09	3.52	3.81	4.52	5.18	5.89	6.85	7.90	7.05	4.31	3.92	3.38	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.17	-1.29
ADK HUDSON___FALLS 24011		36.33	32.32	27.63	28.94	29.33	32.75	39.05	39.72	39.34	35.13	36.13	39.73	40.00	44.45	47.63	54.12	61.69	72.22	86.21	89.19	87.27	65.39	55.34	46.97	
		2.12	2.11	1.86	1.87	1.84	2.03	2.21	1.96	1.62	1.38	1.42	1.64	1.80	2.08	2.27	2.72	3.49	4.47	5.64	6.91	6.24	4.62	3.81	3.03	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE___RCVRY 23798		36.50	32.44	27.79	29.11	29.49	32.91	39.24	39.87	39.45	35.23	36.24	39.92	40.19	44.74	47.90	54.43	62.10	72.90	86.77	89.93	87.92	65.88	55.55	47.19	
		2.29	2.24	2.01	2.03	2.01	2.18	2.39	2.11	1.74	1.48	1.53	1.83	1.99	2.37	2.54	3.03	3.90	5.15	6.20	7.65	6.88	5.11	4.02	3.25	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS 24028		36.33	32.32	27.63	28.94	29.33	32.75	39.05	39.72	39.34	35.13	36.13	39.73	40.00	44.45	47.63	54.12	61.69	72.22	86.21	89.19	87.27	65.39	55.34	46.97	
		2.12	2.11	1.86	1.87	1.84	2.03	2.21	1.96	1.62	1.38	1.42	1.64	1.80	2.08	2.27	2.72	3.49	4.47	5.64	6.91	6.24	4.62	3.81	3.03	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK_NYS___DAM 23527		35.92	31.96	27.27	28.62	29.00	32.32	38.61	39.42	39.19	35.10	35.92	39.20	39.57	43.98	47.31	53.56	60.58	70.39	83.79	86.23	84.68	63.57	53.79	45.92	
		1.71	1.75	1.49	1.54	1.51	1.60	1.77	1.66	1.47	1.35	1.21	1.11	1.37	1.61	1.95	2.16	2.39	2.64	3.23	3.95	3.65	2.80	2.26	1.98	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP 24190		34.72	31.11	26.57	27.86	28.23	31.43	37.28	38.10	37.98	34.02	34.95	38.32	38.58	42.84	45.77	51.76	58.55	68.09	81.21	83.59	82.01	61.32	52.04	44.42	
		0.51	0.91	0.80	0.79	0.74	0.71	0.44	0.34	0.26	0.27	0.24	0.23	0.38	0.47	0.41	0.36	0.35	0.34	0.64	1.32	0.97	0.55	0.52	0.48	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK 355683		34.11	29.93	25.54	26.86	27.32	30.63	36.88	37.84	37.83	33.85	34.71	38.20	38.32	42.37	45.27	51.29	57.61	67.01	79.68	80.88	80.14	60.41	50.96	43.89	
		-0.10	-0.27	-0.23	-0.22	-0.16	-0.09	0.04	0.08	0.11	0.10	0.00	0.11	0.11	0.00	-0.09	-0.10	-0.58	-0.75	-0.89	-1.40	-0.89	-0.36	-0.57	-0.04	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		35.30	31.47	26.88	28.21	28.59	31.80	37.76	38.48	38.13	34.09	34.99	38.36	38.62	42.92	46.00	51.96	59.01	67.82	81.21	84.01	82.49	61.62	52.19	44.55	
		1.09	1.27	1.11	1.14	1.10	1.07	0.92	0.72	0.42	0.34	0.28	0.27	0.42	0.55	0.63	0.57	0.81	0.07	0.64	1.73	1.46	0.85	0.67	0.61	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR 323834		35.30	31.47	26.88	28.21	28.59	31.80	37.76	38.44	38.13	34.09	34.99	38.36	38.62	42.92	46.00	51.91	59.01	67.82	81.21	83.92	82.41	61.62	52.19	44.51	
		1.09	1.27	1.11	1.14	1.10	1.07	0.92	0.68	0.42	0.34	0.28	0.27	0.42	0.55	0.63	0.51	0.81	0.07	0.64	1.64	1.38	0.85	0.67	0.57	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY___1 23571		34.72	31.11	26.57	27.86	28.23	31.43	37.28	38.10	37.98	34.02	34.95	38.32	38.58	42.84	45.77	51.76	58.55	68.09	81.21	83.59	82.01	61.32	52.04	44.42	
		0.51	0.91	0.80	0.79	0.74	0.71	0.44	0.34	0.26	0.27	0.24	0.23	0.38	0.47	0.41	0.36	0.35	0.34	0.64	1.32	0.97	0.55	0.52	0.48	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	34.72 0.51 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.28 0.44 0.00	38.10 0.34 0.00	37.98 0.26 0.00	34.02 0.27 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.58 0.38 0.00	42.84 0.47 0.00	45.77 0.41 0.00	51.76 0.36 0.00	58.55 0.35 0.00	68.09 0.34 0.00	81.21 0.64 0.00	83.59 1.32 0.00	82.01 0.97 0.00	61.32 0.55 0.00	52.04 0.52 0.00	44.42 0.48 0.00
ALBANY___3 23573	34.72 0.51 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.28 0.44 0.00	38.10 0.34 0.00	37.98 0.26 0.00	34.02 0.27 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.58 0.38 0.00	42.84 0.47 0.00	45.77 0.41 0.00	51.76 0.36 0.00	58.55 0.35 0.00	68.09 0.34 0.00	81.21 0.64 0.00	83.59 1.32 0.00	82.01 0.97 0.00	61.32 0.55 0.00	52.04 0.52 0.00	44.42 0.48 0.00
ALBANY___4 23574	34.72 0.51 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.28 0.44 0.00	38.10 0.34 0.00	37.98 0.26 0.00	34.02 0.27 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.58 0.38 0.00	42.84 0.47 0.00	45.77 0.41 0.00	51.76 0.36 0.00	58.55 0.35 0.00	68.09 0.34 0.00	81.21 0.64 0.00	83.59 1.32 0.00	82.01 0.97 0.00	61.32 0.55 0.00	52.04 0.52 0.00	44.42 0.48 0.00
ALBANY___LFGE 323615	35.03 0.82 0.00	31.32 1.12 0.00	26.75 0.98 0.00	28.05 0.97 0.00	28.42 0.94 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.44 0.68 0.00	38.28 0.57 0.00	34.29 0.54 0.00	35.23 0.52 0.00	38.66 0.57 0.00	38.96 0.76 0.00	43.26 0.89 0.00	46.32 0.95 0.00	52.32 0.93 0.00	59.36 1.16 0.00	69.04 1.28 0.00	82.26 1.69 0.00	84.74 2.47 0.00	83.06 2.03 0.00	62.05 1.28 0.00	52.55 1.03 0.00	44.86 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	34.14 -0.07 0.00	30.00 -0.21 0.00	25.57 -0.21 0.00	26.91 -0.16 0.00	27.35 -0.14 0.00	30.69 -0.03 0.00	36.95 0.11 0.00	37.87 0.11 0.00	37.87 0.15 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.20 0.11 0.00	38.35 0.15 0.00	42.37 0.00 0.00	45.27 -0.09 0.00	51.24 -0.15 0.00	57.73 -0.47 0.00	67.08 -0.68 0.00	79.76 -0.81 0.00	81.21 -1.07 0.00	80.47 -0.56 0.00	60.53 -0.24 0.00	51.27 -0.26 0.00	43.94 0.00 0.00
ALCOA_RYNLDS___DRP 24188	34.14 -0.07 0.00	29.96 -0.24 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.69 -0.03 0.00	36.95 0.11 0.00	37.87 0.11 0.00	37.87 0.15 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.20 0.11 0.00	38.35 0.15 0.00	42.37 0.00 0.00	45.27 -0.09 0.00	51.24 -0.15 0.00	57.85 -0.35 0.00	67.28 -0.47 0.00	80.00 -0.56 0.00	81.37 -0.91 0.00	80.63 -0.41 0.00	60.65 -0.12 0.00	51.27 -0.26 0.00	43.94 0.00 0.00
ALCOA___DSASP 323711	34.14 -0.07 0.00	29.96 -0.24 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.69 -0.03 0.00	36.95 0.11 0.00	37.87 0.11 0.00	37.87 0.15 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.20 0.11 0.00	38.35 0.15 0.00	42.37 0.00 0.00	45.27 -0.09 0.00	51.24 -0.15 0.00	57.85 -0.35 0.00	67.28 -0.47 0.00	80.00 -0.56 0.00	81.37 -0.91 0.00	80.63 -0.41 0.00	60.65 -0.12 0.00	51.27 -0.26 0.00	43.94 0.00 0.00
ALLEGHENY___COGEN 23514	33.78 -0.51 -0.08	34.11 -0.88 -0.478	25.89 -0.80 -0.91	34.27 -0.87 -0.807	36.82 -0.71 -10.05	51.42 -0.58 -21.28	65.69 -0.44 -29.28	66.85 -0.72 -29.81	61.91 -1.21 -25.40	37.94 -1.62 -5.81	35.85 -1.60 -2.73	46.93 -1.75 -10.59	47.06 -1.83 -10.69	63.24 -1.95 -22.82	65.94 -4.99 -25.57	78.97 -5.50 -33.07	91.01 -6.11 -38.92	107.58 -6.03 -45.85	130.10 -5.48 -55.02	90.06 -4.77 -12.56	92.07 -4.22 -15.26	80.47 -3.28 -22.98	67.24 0.31 -15.41	56.43 -0.44 -12.93
ALTAMONT_115KV_TB 2 55880	34.96 0.75 0.00	31.14 0.94 0.00	26.57 0.80 0.00	27.89 0.81 0.00	28.26 0.77 0.00	31.49 0.77 0.00	37.54 0.70 0.00	38.40 0.64 0.00	38.32 0.60 0.00	34.29 0.54 0.00	35.23 0.52 0.00	38.62 0.53 0.00	38.89 0.69 0.00	43.09 0.72 0.00	46.13 0.77 0.00	52.27 0.87 0.00	59.13 0.93 0.00	68.77 1.02 0.00	81.94 1.37 0.00	84.33 2.06 0.00	82.73 1.70 0.00	61.87 1.09 0.00	52.56 1.03 0.00	44.77 0.83 0.00
ALTONA_WT_PWR 323606	33.87 -0.34 0.00	29.78 -0.42 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.54 -0.18 0.00	36.84 0.00 0.00	37.84 0.08 0.00	37.91 0.19 0.00	33.92 0.17 0.00	34.81 0.10 0.00	38.32 0.23 0.00	38.43 0.23 0.00	42.50 0.13 0.00	45.41 0.05 0.00	51.40 0.00 0.00	57.61 -0.58 0.00	66.94 -0.81 0.00	79.52 -1.05 0.00	80.88 -1.40 0.00	79.98 -1.06 0.00	60.17 -0.61 0.00	51.27 -0.26 0.00	43.89 -0.04 0.00
AMERICAN_REF_FUEL 24010	29.95 -4.24 0.02	25.20 -3.81 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.66 -3.33 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.46 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.49 -3.93 2.78	32.23 -4.24 5.90	33.07 -4.81 7.48	35.76 -5.50 10.14	39.29 -5.82 13.09	45.07 -6.37 16.31	54.78 -7.73 18.05	66.38 -8.64 7.26	63.81 -8.43 8.79	43.76 -7.17 9.84	39.13 -5.61 6.78	34.99 -5.14 3.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.41 -2.77 0.03	26.18 -2.57 1.46	23.19 -2.29 0.29	22.13 -2.49 2.45	21.96 -2.47 3.05	21.54 -2.73 6.45	25.03 -2.95 8.86	26.07 -2.61 9.08	27.27 -2.41 8.03	29.74 -2.16 1.85	31.86 -1.98 0.88	32.68 -2.06 3.35	32.72 -2.10 3.38	32.93 -2.25 7.20	35.65 -2.68 7.03	38.92 -2.83 9.65	43.08 -2.56 12.56	49.59 -2.44 15.73	60.58 -2.90 17.10	70.87 -4.44 6.96	67.58 -5.02 8.43	46.93 -4.38 9.47	40.91 -4.07 6.54	35.95 -4.26 3.73
ARTHUR KILL_GT_1 23520	36.47 2.26 0.00	32.57 2.36 -0.01	27.69 1.91 -0.01	29.00 1.92 -0.01	29.28 1.79 0.00	32.38 1.66 0.00	38.68 1.84 0.00	40.14 2.38 0.00	40.26 2.53 -0.02	43.46 2.50 -7.21	56.83 2.46 -19.66	59.11 2.40 -18.62	60.62 2.60 -19.82	61.62 3.01 -16.24	64.14 3.36 -15.42	87.37 3.91 -32.06	102.22 4.42 -39.60	112.23 5.01 -39.46	116.61 5.80 -30.24	106.29 6.99 -17.02	85.61 6.40 1.83	62.72 3.71 1.76	57.52 3.81 -2.18	48.57 3.34 -1.30
ARTHUR_KILL_2 23512	36.41 2.19 -0.01	32.42 2.20 -0.01	27.59 1.80 -0.01	28.95 1.87 -0.01	29.26 1.76 -0.01	32.41 1.69 0.00	38.57 1.73 0.00	40.03 2.27 0.00	40.15 2.42 -0.02	43.32 2.36 -7.21	56.73 2.36 -19.66	58.96 2.25 -18.62	60.50 2.48 -19.82	61.49 2.88 -16.24	63.95 3.17 -15.42	87.16 3.70 -32.06	101.99 4.19 -39.60	112.03 4.81 -39.46	116.29 5.48 -30.24	105.88 6.58 -17.02	85.30 6.08 1.82	62.60 3.58 1.75	57.31 3.61 -2.18	48.40 3.17 -1.30
ARTHUR_KILL_3 23513	35.89 1.68 0.00	32.14 1.93 0.00	27.32 1.55 0.00	28.67 1.60 0.00	28.97 1.48 0.00	32.14 1.41 0.00	38.24 1.40 0.00	39.61 1.85 0.00	39.84 2.11 -0.02	42.96 2.06 -7.15	56.35 2.15 -19.49	58.87 2.32 -18.46	60.38 2.56 -19.62	61.38 2.92 -16.09	63.84 3.22 -15.26	86.88 3.75 -31.73	101.56 4.37 -39.00	111.62 4.94 -38.93	116.15 5.72 -29.87	105.82 6.75 -16.79	85.12 5.91 1.83	62.60 3.58 1.76	56.98 3.30 -2.15	48.11 2.90 -1.28

ARTHUR_KILL_COGEN 323718	36.51 2.29 -0.01	32.51 2.29 -0.01	27.66 1.88 -0.01	29.00 1.92 -0.01	29.34 1.84 -0.01	32.51 1.78 0.00	38.68 1.84 0.00	40.14 2.38 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.83 2.46 -19.66	59.11 2.40 -18.62	60.62 2.60 -19.82	61.66 3.05 -16.24	64.14 3.36 -15.42	87.42 3.96 -32.06	102.27 4.48 -39.60	112.36 5.15 -39.46	116.69 5.88 -30.24	106.28 6.99 -17.02	85.70 6.49 1.82	62.85 3.83 1.75	57.52 3.81 -2.18	48.57 3.34 -1.30
ASHOKAN____ 23654	35.99 1.78 0.00	32.05 1.84 0.00	27.22 1.44 0.00	28.59 1.52 0.00	28.86 1.37 0.00	31.98 1.26 0.00	38.02 1.18 0.00	38.86 1.10 0.00	38.62 0.90 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.89 0.80 0.00	39.31 1.11 0.00	43.89 1.52 0.00	47.22 1.86 0.00	53.97 2.57 0.00	61.63 3.43 0.00	72.09 4.34 0.00	86.05 5.48 0.00	89.19 6.91 0.00	86.95 5.91 0.00	64.91 4.13 0.00	54.87 3.35 0.00	46.75 2.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.30 2.09 -0.01	32.54 2.33 -0.01	27.64 1.86 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.57 1.73 0.00	39.99 2.23 0.00	39.91 2.19 -0.01	43.22 2.26 -7.21	56.69 2.33 -19.65	59.17 2.47 -18.61	62.97 2.71 -22.06	63.44 3.14 -17.93	66.12 3.40 -17.36	92.29 3.96 -36.93	130.56 4.37 -67.99	133.54 4.94 -60.85	128.15 5.64 -41.95	113.91 6.83 -24.80	87.37 6.32 -0.01	64.97 4.19 -0.01	57.09 3.40 -2.17	48.25 3.03 -1.28
ASTORIA_EAST_ENERGY_CC2 323582	36.30 2.09 -0.01	32.54 2.33 -0.01	27.64 1.86 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.57 1.73 0.00	39.99 2.23 0.00	39.91 2.19 -0.01	43.22 2.26 -7.21	56.69 2.33 -19.65	59.17 2.47 -18.61	62.97 2.71 -22.06	63.44 3.14 -17.93	66.12 3.40 -17.36	92.29 3.96 -36.93	130.56 4.37 -67.99	133.54 4.94 -60.85	128.15 5.64 -41.95	113.91 6.83 -24.80	87.37 6.32 -0.01	64.97 4.19 -0.01	57.09 3.40 -2.17	48.25 3.03 -1.28
ASTORIA_GT2_1 24094	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT2_2 24095	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT2_3 24096	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT2_4 24097	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT3_1 24098	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT3_2 24099	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT3_3 24100	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT3_4 24101	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT4_1 24102	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT4_2 24103	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT4_3 24104	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29

ASTORIA_GT4_4 24105	36.19 1.98 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.45 1.72 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.96 2.23 -0.02	43.25 2.29 -7.21	56.69 2.33 -19.65	59.18 2.48 -18.62	41.70 2.75 -0.75	63.40 3.09 -17.94	66.08 3.36 -17.36	92.30 3.96 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.08 5.56 -41.96	113.92 6.83 -24.81	87.27 6.24 0.00	64.91 4.13 0.00	57.19 3.50 -2.17	48.26 3.03 -1.29
ASTORIA_GT_1 23523	36.26 2.05 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.30 1.81 0.00	32.48 1.75 -0.01	38.68 1.84 0.00	40.06 2.30 0.00	40.03 2.30 -0.02	43.32 2.36 -7.21	56.79 2.43 -19.65	59.30 2.59 -18.62	41.81 2.87 -0.75	63.53 3.22 -17.94	66.21 3.49 -17.36	92.45 4.11 -36.94	130.68 4.48 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.16 7.08 -24.81	87.52 6.48 0.00	65.03 4.25 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
ASTORIA_GT_10 24110	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.36 3.05 -17.94	66.04 3.31 -17.37	92.24 3.91 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.11 6.08 0.00	64.54 3.77 0.00	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA_GT_11 24225	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.36 3.05 -17.94	66.04 3.31 -17.37	92.24 3.91 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.11 6.08 0.00	64.54 3.77 0.00	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA_GT_12 24226	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.36 3.05 -17.94	66.04 3.31 -17.37	92.24 3.91 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.11 6.08 0.00	64.54 3.77 0.00	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA_GT_13 24227	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.36 3.05 -17.94	66.04 3.31 -17.37	92.24 3.91 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.11 6.08 0.00	64.54 3.77 0.00	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA_GT_5 24106	36.26 2.05 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.30 1.81 0.00	32.48 1.75 -0.01	38.68 1.84 0.00	40.06 2.30 0.00	40.03 2.30 -0.02	43.32 2.36 -7.21	56.79 2.43 -19.65	59.30 2.59 -18.62	41.81 2.87 -0.75	63.53 3.22 -17.94	66.21 3.49 -17.36	92.45 4.11 -36.94	130.68 4.48 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.16 7.08 -24.81	87.52 6.48 0.00	65.03 4.25 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
ASTORIA_GT_7 24107	36.26 2.05 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.30 1.81 0.00	32.48 1.75 -0.01	38.68 1.84 0.00	40.06 2.30 0.00	40.03 2.30 -0.02	43.32 2.36 -7.21	56.79 2.43 -19.65	59.30 2.59 -18.62	41.81 2.87 -0.75	63.53 3.22 -17.94	66.21 3.49 -17.36	92.45 4.11 -36.94	130.68 4.48 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.16 7.08 -24.81	87.52 6.48 0.00	65.03 4.25 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
ASTORIA_GT_8 24108	36.26 2.05 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.30 1.81 0.00	32.48 1.75 -0.01	38.68 1.84 0.00	40.06 2.30 0.00	40.03 2.30 -0.02	43.32 2.36 -7.21	56.79 2.43 -19.65	59.30 2.59 -18.62	41.81 2.87 -0.75	63.53 3.22 -17.94	66.21 3.49 -17.36	92.45 4.11 -36.94	130.68 4.48 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.16 7.08 -24.81	87.52 6.48 0.00	65.03 4.25 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
ASTORIA___2 24149	36.30 2.09 -0.01	32.54 2.33 -0.01	27.66 1.88 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.95 2.22 -0.01	43.25 2.30 -7.21	56.69 2.33 -19.65	59.17 2.47 -18.61	63.01 2.75 -22.06	63.44 3.14 -17.93	66.12 3.40 -17.36	92.29 3.96 -36.93	130.56 4.37 -67.99	133.54 4.94 -60.85	128.15 5.64 -41.95	113.99 6.91 -24.80	87.37 6.32 -0.01	65.03 4.25 -0.01	57.14 3.45 -2.17	48.25 3.03 -1.28
ASTORIA___3 23516	36.24 2.02 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.24 3.90 -36.94	130.57 4.37 -68.00	133.55 4.94 -60.85	128.24 5.72 -41.96	113.91 6.83 -24.81	87.20 6.16 -0.01	64.67 3.89 -0.01	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA___4 23517	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.36 3.05 -17.94	66.04 3.31 -17.37	92.24 3.91 -36.94	130.51 4.31 -68.00	133.42 4.81 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.11 6.08 0.00	64.54 3.77 0.00	57.15 3.45 -2.17	48.26 3.03 -1.29
ASTORIA___5 23518	36.24 2.02 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.24 3.90 -36.94	130.57 4.37 -68.00	133.55 4.94 -60.85	128.24 5.72 -41.96	113.91 6.83 -24.81	87.20 6.16 -0.01	64.67 3.89 -0.01	57.15 3.45 -2.17	48.26 3.03 -1.29
AST_ENERGY_2_CC3 323677	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.81 1.73 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.14 2.19 -7.19	56.60 2.29 -19.60	59.13 2.47 -18.57	62.96 2.75 -22.00	63.44 3.18 -17.89	66.17 3.49 -17.32	92.29 4.06 -36.84	130.66 4.66 -67.81	133.78 5.35 -60.68	128.61 6.20 -41.84	114.26 7.24 -24.74	87.44 6.40 -0.01	64.73 3.95 -0.01	57.20 3.51 -2.17	48.25 3.03 -1.28
AST_ENERGY_2_CC4 323678	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.81 1.73 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.14 2.19 -7.19	56.60 2.29 -19.60	59.13 2.47 -18.57	62.96 2.75 -22.00	63.44 3.18 -17.89	66.17 3.49 -17.32	92.29 4.06 -36.84	130.66 4.66 -67.81	133.78 5.35 -60.68	128.61 6.20 -41.84	114.26 7.24 -24.74	87.44 6.40 -0.01	64.73 3.95 -0.01	57.20 3.51 -2.17	48.25 3.03 -1.28

ATHENS_STG_1 23668	35.10 0.89 0.00	31.23 1.03 0.00	26.65 0.88 0.00	27.99 0.92 0.00	28.34 0.85 0.00	31.52 0.80 0.00	37.62 0.77 0.00	38.63 0.87 0.00	38.62 0.90 0.00	34.63 0.88 0.00	35.61 0.90 0.00	39.04 0.95 0.00	39.31 1.11 0.00	43.60 1.23 0.00	46.68 1.32 0.00	52.94 1.54 0.00	59.94 1.74 0.00	69.65 1.89 0.00	82.74 2.18 0.00	85.16 2.88 0.00	83.46 2.43 0.00	62.29 1.52 0.00	52.86 1.34 0.00	45.13 1.19 0.00
ATHENS_STG_2 23670	35.10 0.89 0.00	31.23 1.03 0.00	26.65 0.88 0.00	27.99 0.92 0.00	28.34 0.85 0.00	31.52 0.80 0.00	37.62 0.77 0.00	38.63 0.87 0.00	38.62 0.90 0.00	34.63 0.88 0.00	35.61 0.90 0.00	39.04 0.95 0.00	39.31 1.11 0.00	43.60 1.23 0.00	46.68 1.32 0.00	52.94 1.54 0.00	59.94 1.74 0.00	69.65 1.89 0.00	82.74 2.18 0.00	85.16 2.88 0.00	83.46 2.43 0.00	62.29 1.52 0.00	52.86 1.34 0.00	45.13 1.19 0.00
ATHENS_STG_3 23677	35.10 0.89 0.00	31.23 1.03 0.00	26.65 0.88 0.00	27.99 0.92 0.00	28.34 0.85 0.00	31.52 0.80 0.00	37.62 0.77 0.00	38.63 0.87 0.00	38.62 0.90 0.00	34.63 0.88 0.00	35.61 0.90 0.00	39.04 0.95 0.00	39.31 1.11 0.00	43.60 1.23 0.00	46.68 1.32 0.00	52.94 1.54 0.00	59.94 1.74 0.00	69.65 1.89 0.00	82.74 2.18 0.00	85.16 2.88 0.00	83.46 2.43 0.00	62.29 1.52 0.00	52.86 1.34 0.00	45.13 1.19 0.00
AUBURN____LFGE 323710	34.01 -0.21 -0.01	30.28 -0.27 -0.34	25.61 -0.23 -0.07	27.41 -0.24 -0.58	28.02 -0.19 -0.72	32.07 -0.18 -1.53	38.91 -0.04 -2.10	39.82 -0.08 -2.14	39.33 -0.19 -1.80	33.86 -0.30 -0.41	34.66 -0.24 -0.19	38.57 -0.27 -0.75	38.67 -0.34 -0.81	44.96 -0.25 -2.84	47.94 -0.18 -2.76	54.90 -0.31 -3.81	61.85 -0.06 -3.71	72.39 0.27 -4.37	86.86 0.56 -5.73	84.82 0.82 -1.72	84.48 0.65 -2.80	63.00 0.24 -1.98	52.92 0.00 -1.40	45.83 -0.22 -2.11
BABYLON_RES_REC 323704	41.98 2.50 -5.28	35.76 2.60 -2.96	30.79 2.14 -2.88	29.37 2.22 -0.08	29.61 2.12 0.00	33.67 2.21 -0.73	39.40 2.47 -0.09	42.90 2.87 -2.27	44.12 2.90 -3.50	45.89 2.70 -9.44	51.20 2.60 -13.89	53.33 2.67 -12.57	54.82 2.83 -13.79	58.16 3.01 -12.79	59.65 3.22 -11.07	62.47 3.80 -7.27	77.06 4.48 -14.38	101.12 5.22 -28.15	100.25 6.12 -13.57	98.77 7.24 -9.25	87.92 6.49 -0.40	65.18 4.25 -0.16	55.28 3.76 0.00	50.49 3.43 -3.12
BALL_HILL_WT_PWR 323825	31.27 -2.91 0.03	26.03 -2.60 1.57	23.22 -2.24 0.31	22.05 -2.38 2.64	21.87 -2.34 3.29	21.23 -2.55 6.94	24.53 -2.76 9.55	25.52 -2.45 9.78	26.66 -2.45 8.61	29.44 -2.33 1.98	31.62 -2.15 0.94	32.33 -2.17 3.59	32.36 -2.22 3.62	32.33 -2.33 7.71	34.95 -2.72 7.70	37.89 -2.98 10.53	41.73 -2.85 13.62	47.91 -2.84 17.00	58.34 -3.62 18.60	69.04 -5.10 8.13	65.75 -5.43 9.85	45.00 -4.38 11.39	39.92 -3.76 7.85	35.50 -3.73 4.71
BARON_WINDS____WT_PWR 323822	32.83 -1.27 0.11	22.23 -1.12 6.86	23.48 -0.98 1.31	14.46 -1.06 11.56	12.08 -1.02 14.39	-0.79 -1.04 30.47	-6.00 -0.92 41.92	-6.00 -1.10 42.66	-0.24 -1.28 36.67	23.94 -1.42 8.39	29.47 -1.28 3.95	21.43 -1.37 15.29	21.41 -1.37 15.42	8.24 -1.52 32.61	6.90 -1.86 36.60	1.38 -1.95 48.07	-2.08 -1.74 58.53	-3.93 -1.35 70.33	-1.74 -1.05 81.26	54.00 -1.15 27.12	47.18 -1.13 32.72	15.24 -1.21 44.32	20.49 -1.03 30.01	20.56 -1.49 21.88
BARRETT_IC_1 23704	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_10 23701	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_11 23702	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_12 23703	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_2 23705	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_3 23706	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_4 23707	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_5 23708	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96

BARRETT_IC_6 23709	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_7 23710	41.10 1.88 -5.01	35.10 2.08 -2.81	30.26 1.75 -2.73	28.96 1.81 -0.07	29.14 1.65 0.00	32.38 1.66 0.00	38.81 1.88 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.65 2.37 -13.09	57.00 2.50 -12.13	58.55 2.68 -10.51	61.08 3.19 -6.49	75.63 3.78 -13.65	98.26 4.07 -26.44	97.33 4.67 -12.09	96.27 5.84 -8.16	86.55 5.51 -0.01	63.93 3.16 0.00	54.56 3.04 0.00	49.89 2.99 -2.96
BARRETT_IC_8 23711	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT_IC_9 23700	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT___1 23545	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BARRETT___2 23546	41.17 1.95 -5.01	35.13 2.11 -2.81	30.23 1.73 -2.73	28.99 1.84 -0.07	29.25 1.76 0.00	33.11 1.69 -0.69	38.84 1.91 -0.09	42.10 2.19 -2.15	43.34 2.30 -3.32	44.90 2.19 -8.95	50.04 2.15 -13.18	52.23 2.21 -11.93	53.66 2.37 -13.09	57.05 2.54 -12.13	58.64 2.77 -10.51	61.13 3.24 -6.49	75.69 3.84 -13.65	98.33 4.13 -26.44	97.41 4.75 -12.09	96.36 5.93 -8.16	86.63 5.59 -0.01	64.23 3.46 0.00	54.77 3.25 0.00	49.89 2.99 -2.96
BATAVIA___115KV_TB1 55881	31.49 -2.70 0.02	26.59 -2.72 0.90	23.31 -2.29 0.18	23.18 -2.38 1.51	23.33 -2.28 1.88	24.33 -2.43 3.97	28.73 -2.65 5.46	29.81 -2.38 5.57	30.43 -2.34 4.95	30.18 -2.43 1.14	31.91 -2.26 0.54	33.81 -2.21 2.07	33.74 -2.37 2.09	35.68 -2.25 4.45	37.72 -2.13 5.51	40.60 -3.14 7.67	45.10 -2.97 10.13	51.81 -3.12 12.83	63.22 -3.79 13.57	71.51 -4.03 6.73	68.66 -4.21 8.16	47.95 -3.89 8.93	41.49 -3.86 6.17	37.41 -3.21 3.32
BAYONEEC___CTG1 323682	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG10 323750	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG2 323683	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG3 323684	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG4 323685	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG5 323686	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG6 323687	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG7 323688	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28

BAYONEEC___CTG8 323689	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYONEEC___CTG9 323749	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.78 1.71 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.83 2.75 -21.88	63.29 3.14 -17.79	66.02 3.45 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.28 6.12 -41.59	114.03 7.15 -24.60	87.37 6.32 -0.01	64.67 3.89 -0.01	57.18 3.51 -2.15	48.29 3.07 -1.28
BAYPORT_69_KV_BK 2 356364	41.91 2.87 -4.83	35.93 3.02 -2.71	30.99 2.58 -2.63	29.72 2.57 -0.07	29.85 2.36 0.00	33.21 2.49 0.00	39.98 3.06 -0.09	43.35 3.51 -2.07	44.43 3.51 -3.20	45.62 3.24 -8.63	50.47 3.05 -12.71	52.57 2.97 -11.51	54.03 3.21 -12.62	57.59 3.52 -11.70	59.26 3.77 -10.13	62.17 4.57 -6.20	76.53 5.18 -13.15	101.95 6.10 -28.10	106.74 7.09 -19.08	104.46 8.39 -13.79	92.01 7.46 -3.52	66.76 4.56 -1.42	55.70 4.17 0.00	50.71 3.91 -2.86
BEACON___LESR 323632	35.17 0.96 0.00	31.41 1.21 0.00	26.83 1.06 0.00	28.16 1.08 0.00	28.53 1.04 0.00	31.77 1.05 0.00	37.72 0.88 0.00	38.56 0.79 0.00	38.40 0.68 0.00	34.39 0.64 0.00	35.34 0.63 0.00	38.78 0.69 0.00	39.08 0.88 0.00	43.43 1.06 0.00	46.50 1.13 0.00	52.48 1.08 0.00	59.59 1.39 0.00	69.38 1.62 0.00	82.74 2.18 0.00	85.16 2.88 0.00	83.46 2.43 0.00	62.35 1.58 0.00	52.76 1.23 0.00	45.04 1.10 0.00
BEAVER RIVER___HYD 24048	33.87 -0.34 0.00	29.93 -0.27 0.00	25.57 -0.21 0.00	26.94 -0.13 0.00	27.43 -0.05 0.00	30.94 0.22 0.00	37.32 0.48 0.00	38.14 0.38 0.00	37.91 0.19 0.00	33.62 -0.13 0.00	34.50 -0.21 0.00	37.98 -0.11 0.00	38.15 -0.08 -0.03	42.64 -0.34 -0.61	45.20 -0.64 -0.47	51.29 -0.82 -0.71	57.99 -0.64 -0.43	67.96 -0.27 -0.48	81.75 0.32 -0.86	84.03 1.48 -0.27	83.74 2.03 -0.68	62.23 1.46 0.00	52.38 0.82 -0.03	45.27 0.79 -0.54
BEEBEE_GT_13 23619	32.43 -1.78 0.00	27.82 -2.14 0.24	23.90 -1.83 0.05	24.77 -1.90 0.41	25.16 -1.81 0.51	27.70 -1.94 1.09	33.21 -2.14 1.50	34.26 -1.96 1.54	34.32 -1.96 1.44	31.56 -1.86 0.33	32.85 -1.70 0.16	35.78 -1.71 0.60	35.76 -1.83 0.61	39.34 -1.74 1.29	41.87 -1.63 1.86	46.34 -2.16 2.90	51.68 -2.04 4.48	59.47 -2.17 6.11	72.26 -2.66 5.65	74.64 -3.04 4.59	72.24 -3.24 5.55	52.46 -3.10 5.21	44.77 -3.09 3.66	39.98 -2.64 1.32
BENSHRST_27_KV_BENSHRST_1 355998	36.47 2.26 0.00	32.60 2.39 -0.01	27.74 1.96 -0.01	29.03 1.95 -0.01	29.30 1.81 0.00	32.44 1.72 0.00	38.79 1.95 0.00	40.25 2.49 0.00	40.41 2.68 -0.02	43.60 2.63 -7.21	57.08 2.71 -19.66	59.49 2.78 -18.62	63.32 3.06 -22.07	63.83 3.52 -17.94	66.58 3.86 -17.37	92.86 4.52 -36.94	131.32 5.12 -68.00	134.43 5.83 -60.85	129.29 6.77 -41.96	114.99 7.90 -24.81	88.24 7.21 0.00	65.21 4.44 0.00	57.88 4.17 -2.18	48.84 3.60 -1.30
BETHLEHEM___GRP 23843	34.72 0.51 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.28 0.44 0.00	38.10 0.34 0.00	37.98 0.26 0.00	34.02 0.27 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.58 0.38 0.00	42.84 0.47 0.00	45.77 0.41 0.00	51.76 0.36 0.00	58.55 0.35 0.00	68.09 0.34 0.00	81.21 0.64 0.00	83.59 1.32 0.00	82.01 0.97 0.00	61.32 0.55 0.00	52.04 0.52 0.00	44.42 0.48 0.00
BETHLEHEM___GS1 323560	34.72 0.51 0.00	31.08 0.88 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.29 0.44 0.00	38.10 0.34 0.00	37.98 0.27 0.00	34.05 0.30 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.62 0.42 0.00	42.88 0.51 0.00	45.86 0.50 0.00	51.76 0.36 0.00	58.66 0.46 0.00	68.23 0.48 0.00	81.29 0.72 0.00	83.59 1.31 0.00	82.01 0.98 0.00	61.32 0.55 0.00	51.94 0.41 0.00	44.42 0.48 0.00
BETHLEHEM___GS2 323561	34.72 0.51 0.00	31.08 0.88 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.29 0.44 0.00	38.10 0.34 0.00	37.98 0.27 0.00	34.05 0.30 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.62 0.42 0.00	42.88 0.51 0.00	45.86 0.50 0.00	51.76 0.36 0.00	58.66 0.46 0.00	68.23 0.48 0.00	81.29 0.72 0.00	83.59 1.31 0.00	82.01 0.98 0.00	61.32 0.55 0.00	51.94 0.41 0.00	44.42 0.48 0.00
BETHLEHEM___GS3 323562	34.72 0.51 0.00	31.08 0.88 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.29 0.44 0.00	38.10 0.34 0.00	37.98 0.27 0.00	34.05 0.30 0.00	34.95 0.24 0.00	38.32 0.23 0.00	38.62 0.42 0.00	42.88 0.51 0.00	45.86 0.50 0.00	51.76 0.36 0.00	58.66 0.46 0.00	68.23 0.48 0.00	81.29 0.72 0.00	83.59 1.31 0.00	82.01 0.98 0.00	61.32 0.55 0.00	51.94 0.41 0.00	44.42 0.48 0.00
BETHLEHEM___STEEL 23779	31.10 -3.08 0.03	25.89 -2.78 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.36 -2.46 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.30 -2.37 3.53	32.52 -2.33 7.52	35.85 -2.27 7.25	38.25 -3.19 9.96	42.12 -3.14 12.94	48.21 -3.32 16.22	58.40 -4.51 17.65	67.74 -5.76 8.78	64.40 -6.00 10.64	43.68 -4.62 12.48	38.46 -4.48 8.58	34.90 -3.78 5.26
BETHLHEM_115KV_TB1 79974	34.79 0.58 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.43 0.71 0.00	37.32 0.48 0.00	38.18 0.42 0.00	38.06 0.34 0.00	34.09 0.34 0.00	35.02 0.31 0.00	38.39 0.30 0.00	38.66 0.46 0.00	42.88 0.51 0.00	45.86 0.50 0.00	51.86 0.46 0.00	58.66 0.47 0.00	68.23 0.47 0.00	81.37 0.81 0.00	83.76 1.48 0.00	82.17 1.13 0.00	61.38 0.61 0.00	52.14 0.62 0.00	44.47 0.53 0.00
BETHPAGE_CC_5 323564	42.20 2.43 -5.56	35.86 2.54 -3.12	30.90 2.09 -3.03	29.32 2.17 -0.08	29.55 2.06 0.00	33.65 2.15 -0.77	39.30 2.36 -0.10	42.91 2.76 -2.39	44.24 2.83 -3.69	46.36 2.67 -9.95	51.96 2.60 -14.64	54.01 2.67 -13.26	55.49 2.75 -14.54	58.77 2.92 -13.48	60.12 3.09 -11.67	62.94 3.60 -7.94	77.55 4.19 -15.16	102.02 4.88 -29.38	99.64 5.64 -13.43	98.09 6.75 -9.06	86.96 5.91 -0.01	64.54 3.77 0.00	55.03 3.51 0.00	50.57 3.34 -3.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.21 -2.98 0.03	26.13 -2.57 1.50	23.29 -2.19 0.30	22.25 -2.30 2.52	22.10 -2.25 3.14	21.67 -2.43 6.62	25.12 -2.62 9.11	26.08 -2.34 9.34	27.16 -2.34 8.22	29.63 -2.23 1.89	31.73 -2.08 0.90	32.60 -2.06 3.43	32.68 -2.06 3.46	32.97 -2.03 7.36	36.42 -1.95 6.99	39.00 -2.78 9.62	42.93 -2.74 12.53	49.17 -2.85 15.73	59.55 -3.95 17.07	68.21 -5.43 8.63	64.90 -5.67 10.46	44.32 -4.19 12.26	38.98 -4.12 8.43	35.26 -3.52 5.16

BINGHAMTON___COGEN 23790	33.87 -0.34 0.00	30.23 -0.18 -0.21	25.66 -0.15 -0.04	27.26 -0.16 -0.35	27.76 -0.16 -0.44	31.47 -0.18 -0.93	38.01 -0.11 -1.28	38.99 -0.08 -1.30	39.00 -0.04 -1.32	33.95 -0.10 -0.30	34.85 0.00 -0.14	38.64 0.00 -0.55	38.82 0.04 -0.58	44.24 0.13 -1.74	47.29 0.18 -1.75	53.89 0.21 -2.29	60.75 0.41 -2.15	70.81 0.68 -2.37	84.70 0.73 -3.41	83.67 0.99 -0.40	82.66 0.81 -0.82	61.89 0.36 -0.75	52.24 0.21 -0.51	45.14 0.04 -1.16
BIXINCNT_115KV_LOAD 355685	31.38 -2.81 0.02	26.69 -2.14 1.37	23.60 -1.91 0.27	22.72 -2.06 2.29	22.66 -1.98 2.85	22.61 -2.09 6.02	26.39 -2.17 8.28	27.43 -1.85 8.48	28.40 -1.77 7.54	30.36 -1.65 1.73	32.36 -1.53 0.82	33.42 -1.52 3.15	33.46 -1.57 3.17	34.00 -1.61 6.75	37.46 -1.54 6.36	40.27 -2.36 8.77	44.59 -2.15 11.46	51.30 -2.03 14.42	62.12 -2.90 15.55	69.56 -4.69 8.02	66.53 -4.78 9.72	46.14 -3.28 11.35	40.16 -3.56 7.80	35.94 -3.25 4.75
BLACK RIVER___HYD 24047	34.42 0.21 0.00	30.48 0.27 0.00	26.03 0.26 0.00	27.34 0.27 0.00	27.79 0.30 0.00	31.34 0.61 0.00	37.80 0.96 0.00	38.48 0.72 0.00	38.13 0.42 0.00	33.72 -0.03 0.00	34.61 -0.10 0.00	38.13 0.04 0.00	38.32 0.08 -0.05	43.24 -0.17 -1.04	45.75 -0.41 -0.80	52.20 -0.41 -1.21	58.98 0.06 -0.73	69.45 0.88 -0.82	83.89 1.85 -1.47	86.27 3.54 -0.46	86.32 4.13 -1.16	63.75 2.98 0.00	53.38 1.80 -0.05	46.43 1.58 -0.91
BLACKRVR_115KV_TB2 79977	34.42 0.21 0.00	30.48 0.27 0.00	26.03 0.26 0.00	27.34 0.27 0.00	27.79 0.30 0.00	31.34 0.61 0.00	37.80 0.96 0.00	38.48 0.72 0.00	38.13 0.41 0.00	33.72 -0.03 0.00	34.61 -0.10 0.00	38.13 0.04 0.00	38.32 0.08 -0.05	43.28 -0.13 -1.04	45.80 -0.36 -0.80	52.20 -0.41 -1.21	59.04 0.12 -0.73	69.45 0.88 -0.82	83.89 1.85 -1.47	86.27 3.54 -0.46	86.33 4.13 -1.16	63.75 2.98 0.00	53.33 1.75 -0.05	46.39 1.54 -0.91
BLISS_WT_PWR 323608	31.35 -2.84 0.02	26.70 -2.14 1.37	23.55 -1.96 0.27	22.64 -2.14 2.29	22.55 -2.09 2.85	22.55 -2.15 6.02	26.31 -2.25 8.28	27.39 -1.89 8.48	28.33 -1.85 7.54	30.30 -1.72 1.73	32.33 -1.56 0.82	33.34 -1.60 3.15	33.31 -1.72 3.17	33.71 -1.91 6.75	36.69 -2.31 6.36	40.11 -2.52 8.77	44.49 -2.21 11.50	51.26 -2.03 14.47	62.23 -2.74 15.60	71.44 -4.53 6.32	68.60 -4.78 7.65	49.01 -3.34 8.42	42.60 -3.09 5.83	37.35 -3.38 3.21
BLUESTONE___WT_PWR 323821	35.14 0.92 0.00	31.41 0.97 -0.24	26.64 0.82 -0.04	28.29 0.81 -0.40	28.79 0.80 -0.50	32.75 0.95 -1.07	39.53 1.21 -1.47	40.35 1.10 -1.49	39.87 1.05 -1.10	34.74 0.74 -0.25	35.59 0.76 -0.12	39.42 0.88 -0.46	39.71 1.03 -0.48	44.88 1.14 -1.37	48.03 1.23 -1.44	54.62 1.29 -1.94	62.04 2.04 -1.81	72.81 3.05 -2.00	87.47 4.03 -2.87	87.54 4.85 -0.41	86.52 4.70 -0.79	64.73 3.22 -0.74	54.29 2.26 -0.50	46.74 1.76 -1.05
BLUE_CIRC_CHEM_DRP 24182	35.13 0.92 0.00	31.32 1.12 0.00	26.75 0.98 0.00	28.05 0.97 0.00	28.42 0.93 0.00	31.65 0.92 0.00	37.62 0.77 0.00	38.40 0.64 0.00	38.17 0.45 0.00	34.15 0.40 0.00	35.09 0.38 0.00	38.47 0.38 0.00	38.70 0.50 0.00	42.96 0.59 0.00	45.95 0.59 0.00	51.96 0.57 0.00	57.79 -0.41 0.00	67.35 -0.41 0.00	80.49 -0.08 0.00	83.02 0.74 0.00	81.52 0.49 0.00	60.96 0.18 0.00	51.78 0.26 0.00	44.11 0.18 0.00
BOC_GAS_DRP 24189	34.86 0.65 0.00	31.05 0.85 0.00	26.50 0.72 0.00	27.80 0.73 0.00	28.20 0.71 0.00	31.40 0.68 0.00	37.39 0.55 0.00	38.33 0.57 0.00	38.24 0.53 0.00	34.26 0.51 0.00	35.20 0.49 0.00	38.59 0.50 0.00	38.81 0.61 0.00	43.05 0.68 0.00	46.09 0.73 0.00	52.12 0.72 0.00	58.90 0.70 0.00	68.50 0.75 0.00	81.53 0.97 0.00	83.84 1.56 0.00	82.25 1.22 0.00	61.50 0.73 0.00	52.30 0.77 0.00	44.55 0.62 0.00
BOONVILLE_115KV_TB1 79983	34.31 0.10 0.00	30.36 0.15 0.00	25.93 0.15 0.00	27.26 0.19 0.00	27.71 0.22 0.00	31.12 0.40 0.00	37.43 0.59 0.00	38.29 0.53 0.00	38.13 0.41 0.00	33.92 0.17 0.00	34.88 0.17 0.00	38.32 0.23 0.00	38.48 0.27 -0.01	42.84 0.17 -0.30	45.68 0.09 -0.23	51.85 0.10 -0.35	58.81 0.41 -0.21	68.80 0.81 -0.23	82.36 1.37 -0.42	84.55 2.14 -0.13	83.64 2.27 -0.33	62.41 1.64 0.00	52.57 1.03 -0.01	45.08 0.88 -0.26
BORALEX_4TH_BRANCH 23824	35.95 1.74 0.00	31.96 1.75 0.00	27.27 1.49 0.00	28.62 1.54 0.00	29.00 1.51 0.00	32.32 1.60 0.00	38.61 1.77 0.00	39.42 1.66 0.00	39.19 1.47 0.00	35.10 1.35 0.00	35.92 1.21 0.00	39.19 1.10 0.00	39.54 1.34 0.00	43.85 1.48 0.00	47.04 1.68 0.00	53.50 2.11 0.00	60.52 2.33 0.00	70.19 2.44 0.00	83.71 3.14 0.00	86.14 3.87 0.00	84.60 3.57 0.00	63.57 2.80 0.00	54.10 2.58 0.00	45.96 2.02 0.00
BOWLINE___1 23526	35.65 1.44 0.00	31.80 1.60 0.00	27.04 1.26 0.00	28.40 1.33 0.00	28.70 1.21 0.00	31.89 1.17 0.00	38.06 1.21 0.00	39.27 1.51 0.00	39.42 1.70 0.00	35.44 1.69 0.00	36.48 1.77 0.00	40.03 1.94 0.00	40.42 2.21 0.00	44.95 2.58 0.00	48.22 2.86 0.00	54.74 3.34 0.00	62.04 3.84 0.00	72.09 4.34 0.00	85.48 4.92 0.00	88.20 5.93 0.00	86.14 5.11 0.00	63.81 3.04 0.00	54.25 2.73 0.00	46.31 2.37 0.00
BOWLINE___2 23595	35.65 1.44 0.00	31.80 1.60 0.00	27.04 1.26 0.00	28.40 1.33 0.00	28.70 1.21 0.00	31.89 1.17 0.00	38.06 1.21 0.00	39.27 1.51 0.00	39.42 1.70 0.00	35.44 1.69 0.00	36.48 1.77 0.00	40.03 1.94 0.00	40.42 2.21 0.00	44.95 2.58 0.00	48.22 2.86 0.00	54.74 3.34 0.00	61.98 3.78 0.00	71.95 4.20 0.00	85.32 4.75 0.00	88.03 5.76 0.00	85.98 4.94 0.00	63.75 2.98 0.00	54.25 2.73 0.00	46.31 2.37 0.00
BRADY___115KV_TB2 356060	34.28 0.07 0.00	30.11 -0.09 0.00	25.70 -0.08 0.00	26.99 -0.08 0.00	27.46 -0.03 0.00	30.85 0.12 0.00	37.17 0.33 0.00	37.99 0.23 0.00	37.87 0.15 0.00	33.82 0.07 0.00	34.64 -0.07 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.24 -0.13 0.00	45.14 -0.23 0.00	51.04 -0.36 0.00	57.61 -0.58 0.00	67.08 -0.68 0.00	80.08 -0.48 0.00	81.78 -0.49 0.00	81.20 0.16 0.00	61.08 0.30 0.00	51.58 0.05 0.00	44.25 0.31 0.00
BRANSCOMB___SOLAR 323811	35.92 1.71 0.00	31.93 1.72 0.00	27.30 1.52 0.00	28.62 1.54 0.00	29.00 1.51 0.00	32.32 1.60 0.00	38.57 1.73 0.00	39.27 1.51 0.00	38.92 1.21 0.00	34.76 1.01 0.00	35.68 0.97 0.00	39.16 1.07 0.00	39.46 1.26 0.00	43.85 1.48 0.00	47.04 1.68 0.00	53.35 1.95 0.00	60.70 2.50 0.00	70.94 3.19 0.00	84.67 4.11 0.00	87.38 5.10 0.00	85.81 4.78 0.00	64.30 3.52 0.00	54.36 2.83 0.00	46.27 2.33 0.00
BRDGHMPT_69_KV_BK1 55812	41.43 2.46 -4.76	35.65 2.78 -2.67	30.74 2.37 -2.59	29.50 2.36 -0.07	29.69 2.20 0.00	33.18 2.46 0.00	40.20 3.28 -0.08	43.69 3.89 -2.04	44.79 3.92 -3.16	45.90 3.64 -8.50	50.63 3.40 -12.51	52.51 3.09 -11.33	53.80 3.17 -12.43	57.45 3.56 -11.52	59.06 3.72 -9.98	62.15 4.73 -6.02	76.33 5.18 -12.95	101.75 6.03 -27.97	107.29 7.09 -19.63	105.09 8.56 -14.25	92.35 7.46 -3.86	66.96 4.62 -1.56	55.65 4.12 0.00	50.44 3.69 -2.81

BRENTWOD_69_KV_W. BRTWOOD 56703	41.69 2.63 -4.85	35.70 2.78 -2.72	30.76 2.35 -2.64	29.50 2.36 -0.07	29.63 2.14 0.00	32.97 2.24 0.00	39.65 2.73 -0.09	42.98 3.13 -2.08	44.07 3.13 -3.22	45.32 2.90 -8.67	50.25 2.78 -12.76	52.43 2.78 -11.55	53.81 2.94 -12.67	57.21 3.09 -11.75	58.80 3.27 -10.17	61.48 3.80 -6.28	75.59 4.19 -13.21	99.68 4.67 -27.25	102.46 5.48 -16.42	100.68 6.75 -11.65	89.10 5.83 -2.23	65.20 3.52 -0.90	55.08 3.56 0.00	50.41 3.60 -2.87
BRISTLHL_115KV_TB1 79998	33.35 -0.86 0.00	29.39 -0.82 0.00	25.08 -0.70 0.00	26.34 -0.73 0.00	26.75 -0.74 0.00	29.93 -0.80 0.00	35.96 -0.88 0.00	36.78 -0.98 0.00	36.66 -1.06 0.00	32.77 -0.98 0.00	33.77 -0.94 0.00	37.06 -1.03 0.00	37.13 -1.18 -0.11	43.57 -1.27 -2.47	46.20 -1.32 -2.16	53.38 -1.54 -3.53	59.75 -1.63 -3.18	70.17 -1.76 -4.18	83.74 -1.93 -5.10	83.98 -1.81 -3.51	84.85 -1.86 -5.68	61.61 -1.58 -2.42	52.03 -1.34 -1.85	45.17 -1.27 -2.50
BROOKHAVEN___DRP 24191	41.43 2.46 -4.75	35.62 2.75 -2.67	30.69 2.32 -2.59	29.47 2.33 -0.07	29.61 2.12 0.00	32.97 2.24 0.00	39.69 2.76 -0.08	43.01 3.21 -2.04	43.96 3.09 -3.15	45.08 2.83 -8.50	49.75 2.53 -12.51	51.66 2.25 -11.33	53.03 2.41 -12.42	56.56 2.67 -11.52	58.15 2.81 -9.97	61.01 3.60 -6.02	75.10 3.96 -12.94	100.38 4.67 -27.95	105.74 5.56 -19.62	103.51 6.99 -14.24	90.97 6.08 -3.86	65.98 3.65 -1.56	54.98 3.45 0.00	50.05 3.30 -2.81
BROOKLYN_NAVY_YARD 23515	36.02 1.81 0.00	32.23 2.02 0.00	27.40 1.62 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.39 1.55 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.13 2.23 -7.15	56.49 2.29 -19.49	59.06 2.51 -18.46	62.86 2.79 -21.88	63.37 3.22 -17.79	66.07 3.49 -17.22	92.13 4.11 -36.62	130.38 4.77 -67.41	133.56 5.49 -60.32	128.52 6.36 -41.59	114.19 7.32 -24.60	87.53 6.49 -0.01	64.79 4.01 -0.01	57.23 3.55 -2.15	48.29 3.07 -1.28
BROOKLYN___ARMY_DRP 323595	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
BROOME_2_LFGE 323671	33.90 -0.31 0.00	30.23 -0.18 -0.21	25.66 -0.15 -0.04	27.26 -0.16 -0.35	27.76 -0.16 -0.44	31.47 -0.18 -0.93	38.01 -0.11 -1.28	38.99 -0.08 -1.30	39.00 -0.04 -1.32	33.95 -0.10 -0.30	34.85 0.00 -0.14	38.64 0.00 -0.55	38.82 0.04 -0.58	44.16 0.04 -1.74	47.20 0.09 -1.75	53.90 0.21 -2.29	60.81 0.46 -2.15	70.88 0.75 -2.38	84.87 0.89 -3.41	83.65 1.07 -0.31	82.55 0.81 -0.70	61.79 0.43 -0.59	52.23 0.31 -0.40	45.10 0.09 -1.07
BROOME___LFGE 323600	33.90 -0.31 0.00	30.23 -0.18 -0.21	25.66 -0.15 -0.04	27.26 -0.16 -0.35	27.76 -0.16 -0.44	31.47 -0.18 -0.93	38.01 -0.11 -1.28	38.99 -0.08 -1.30	39.00 -0.04 -1.32	33.95 -0.10 -0.30	34.85 0.00 -0.14	38.64 0.00 -0.55	38.82 0.04 -0.58	44.16 0.04 -1.74	47.20 0.09 -1.75	53.90 0.21 -2.29	60.81 0.46 -2.15	70.88 0.75 -2.38	84.87 0.89 -3.41	83.65 1.07 -0.31	82.55 0.81 -0.70	61.79 0.43 -0.59	52.23 0.31 -0.40	45.10 0.09 -1.07
BROWNFLS_115KV_TB 3_5 80003	33.73 -0.48 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.72 -0.35 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.79 -0.30 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.32 -1.16 -0.29	66.92 -1.15 -0.32	80.18 -0.97 -0.58	82.13 -0.33 -0.18	81.73 0.24 -0.46	61.02 0.24 0.00	51.44 -0.10 -0.02	44.43 0.13 -0.36
BROWNSV1_27_KV_LOAD 356125	36.26 2.05 0.00	32.47 2.27 0.00	27.66 1.88 0.00	28.91 1.84 0.00	29.22 1.73 0.00	32.38 1.66 0.00	38.72 1.88 0.00	40.14 2.38 0.00	40.37 2.64 -0.02	43.47 2.56 -7.15	56.87 2.67 -19.49	59.44 2.89 -18.46	63.28 3.21 -21.88	63.80 3.64 -17.79	66.57 3.99 -17.22	92.69 4.68 -36.62	130.96 5.35 -67.41	134.24 6.17 -60.32	129.33 7.17 -41.59	115.18 8.31 -24.60	88.41 7.37 0.00	65.33 4.56 0.00	57.80 4.12 -2.15	48.77 3.56 -1.28
BURROWS___LYONSDAL 23803	34.11 -0.10 0.00	30.17 -0.03 0.00	25.78 0.00 0.00	27.15 0.08 0.00	27.60 0.11 0.00	31.06 0.34 0.00	37.36 0.52 0.00	38.25 0.49 0.00	38.06 0.34 0.00	33.85 0.10 0.00	34.78 0.07 0.00	38.20 0.11 0.00	38.37 0.15 -0.02	42.77 0.04 -0.36	45.55 -0.09 -0.28	51.66 -0.15 -0.42	58.57 0.12 -0.25	68.58 0.54 -0.28	82.12 1.05 -0.51	84.41 1.97 -0.16	83.62 2.19 -0.40	62.35 1.58 0.00	52.47 0.93 -0.02	45.09 0.83 -0.32
CAITHNESS_CC_1 323624	41.43 2.46 -4.75	35.59 2.72 -2.66	30.61 2.24 -2.59	29.47 2.33 -0.07	29.71 2.23 0.00	33.78 2.40 -0.66	39.58 2.65 -0.08	42.90 3.10 -2.04	43.89 3.02 -3.15	45.01 2.77 -8.50	49.68 2.46 -12.50	51.66 2.25 -11.32	53.02 2.41 -12.41	56.55 2.67 -11.51	58.19 2.86 -9.97	60.85 3.44 -6.01	75.09 3.96 -12.94	100.50 4.81 -27.93	105.72 5.55 -19.60	103.42 6.91 -14.23	91.04 6.16 -3.85	66.52 4.19 -1.56	55.18 3.66 0.00	49.96 3.21 -2.81
CALPINE BETH_PAGE_GT4 24209	42.45 2.36 -5.88	35.98 2.48 -3.30	31.07 2.09 -3.21	29.24 2.08 -0.09	29.39 1.90 0.00	32.69 1.97 0.00	39.27 2.32 -0.10	43.01 2.72 -2.53	44.45 2.83 -3.90	46.93 2.67 -10.51	52.72 2.53 -15.47	54.69 2.59 -14.01	56.28 2.71 -15.36	59.54 2.92 -14.25	60.78 3.08 -12.34	63.73 3.65 -8.69	78.24 4.02 -16.02	103.41 4.61 -31.05	100.16 5.40 -14.19	98.35 6.50 -9.58	86.80 5.75 -0.01	64.05 3.28 0.00	54.77 3.25 0.00	50.71 3.30 -3.48
CALPINE_BETH_PAGE_GT_4 323586	42.48 2.39 -5.88	36.01 2.51 -3.30	31.04 2.06 -3.21	29.30 2.14 -0.09	29.52 2.03 0.00	33.66 2.12 -0.81	39.27 2.32 -0.10	43.01 2.72 -2.53	44.45 2.83 -3.90	46.93 2.67 -10.51	52.71 2.53 -15.47	54.69 2.59 -14.01	56.32 2.75 -15.36	59.58 2.96 -14.25	60.82 3.13 -12.34	63.73 3.65 -8.69	78.35 4.13 -16.02	103.61 4.81 -31.05	100.32 5.55 -14.19	98.51 6.66 -9.58	86.96 5.91 -0.01	64.48 3.71 0.00	55.03 3.51 0.00	50.72 3.30 -3.48
CALPINE_BP_GT1 23823	42.48 2.39 -5.88	36.01 2.51 -3.30	31.04 2.06 -3.21	29.30 2.14 -0.09	29.52 2.03 0.00	33.66 2.12 -0.81	39.27 2.32 -0.10	43.01 2.72 -2.53	44.45 2.83 -3.90	46.93 2.67 -10.51	52.71 2.53 -15.47	54.69 2.59 -14.01	56.32 2.75 -15.36	59.58 2.96 -14.25	60.82 3.13 -12.34	63.73 3.65 -8.69	78.35 4.13 -16.02	103.61 4.81 -31.05	100.32 5.55 -14.19	98.51 6.66 -9.58	86.96 5.91 -0.01	64.48 3.71 0.00	55.03 3.51 0.00	50.72 3.30 -3.48
CALSPAN___DRP 24200	31.10 -3.08 0.03	25.89 -2.78 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.36 -2.46 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.30 -2.37 3.53	32.52 -2.33 7.52	35.85 -2.27 7.25	38.25 -3.19 9.96	42.12 -3.14 12.94	48.21 -3.32 16.22	58.40 -4.51 17.65	67.74 -5.76 8.78	64.40 -6.00 10.64	43.68 -4.62 12.48	38.46 -4.48 8.58	34.90 -3.78 5.26

CALVERTON___SOLAR 323806	41.53 2.57 -4.75	35.71 2.84 -2.67	30.74 2.37 -2.59	29.58 2.44 -0.07	29.82 2.34 0.00	33.93 2.55 -0.66	39.76 2.84 -0.08	43.13 3.32 -2.04	44.08 3.20 -3.15	45.18 2.93 -8.50	49.82 2.60 -12.51	51.70 2.29 -11.33	53.07 2.45 -12.42	56.68 2.80 -11.52	58.33 2.99 -9.97	61.12 3.70 -6.02	75.39 4.25 -12.94	100.85 5.15 -27.96	106.15 5.96 -19.62	104.09 7.56 -14.24	91.54 6.65 -3.86	67.02 4.68 -1.56	55.55 4.02 0.00	50.14 3.38 -2.81
CANDIGU_WT_PWR 323617	32.83 -1.27 0.11	22.23 -1.12 6.86	23.48 -0.98 1.31	14.46 -1.06 11.56	12.08 -1.02 14.39	-0.79 -1.04 30.47	-6.00 -0.92 41.92	-6.00 -1.10 42.66	-0.24 -1.28 36.67	23.94 -1.42 8.39	29.47 -1.28 3.95	21.43 -1.37 15.29	21.41 -1.37 15.42	8.24 -1.52 32.61	6.90 -1.86 36.60	1.38 -1.95 48.07	-2.08 -1.74 58.53	-3.93 -1.35 70.33	-1.74 -1.05 81.26	54.00 -1.15 27.12	47.18 -1.13 32.72	15.24 -1.21 44.32	20.49 -1.03 30.01	20.56 -1.49 21.88
CARR STREET_E_SYR 24060	33.63 -0.58 0.00	29.63 -0.57 0.00	25.28 -0.49 0.00	26.56 -0.52 0.00	26.97 -0.52 0.00	30.17 -0.55 0.00	36.29 -0.55 0.00	37.16 -0.61 0.00	37.04 -0.68 0.00	33.11 -0.64 0.00	34.12 -0.59 0.00	37.48 -0.61 0.00	37.47 -0.76 -0.03	42.32 -0.81 -0.76	44.97 -0.82 -0.43	50.87 -1.03 -0.50	56.89 -0.99 0.32	66.02 -1.01 0.72	79.64 -1.05 -0.12	80.21 -0.98 1.08	79.11 -1.06 0.87	58.33 -1.03 1.41	49.63 -0.93 0.97	43.57 -0.84 -0.47
CARTHAGE___PAPER 23857	34.14 -0.07 0.00	30.24 0.03 0.00	25.83 0.05 0.00	27.16 0.08 0.00	27.63 0.14 0.00	31.15 0.43 0.00	37.58 0.74 0.00	38.33 0.57 0.00	38.05 0.34 0.00	33.68 -0.07 0.00	34.57 -0.14 0.00	38.05 -0.04 0.00	38.24 0.00 -0.04	42.99 -0.25 -0.88	45.49 -0.54 -0.67	51.80 -0.61 -1.02	58.52 -0.29 -0.61	68.71 0.27 -0.69	82.85 1.04 -1.23	85.13 2.47 -0.39	85.09 3.08 -0.98	63.02 2.25 0.00	52.86 1.29 -0.04	45.94 1.23 -0.77
CASSADAGA_WT_PWR 323784	31.58 -2.60 0.02	26.47 -2.30 1.44	23.40 -2.09 0.28	22.35 -2.30 2.42	22.20 -2.28 3.01	21.87 -2.49 6.36	25.41 -2.69 8.75	26.53 -2.26 8.96	27.78 -2.00 7.94	30.10 -1.82 1.82	32.18 -1.67 0.87	33.06 -1.71 3.31	33.10 -1.76 3.34	33.39 -1.86 7.11	36.17 -2.27 6.93	39.58 -2.31 9.51	43.83 -1.98 12.39	50.54 -1.69 15.52	61.62 -2.10 16.85	71.86 -3.70 6.72	68.60 -4.30 8.13	47.99 -3.71 9.07	41.75 -3.51 6.27	36.54 -3.87 3.53
CE_DUNWOOD___DRP 24194	35.78 1.57 0.00	31.99 1.78 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.01 1.29 0.00	38.28 1.44 0.00	39.54 1.77 0.00	39.68 1.96 0.00	35.71 1.96 0.00	36.76 2.05 0.00	40.30 2.21 0.00	40.68 2.48 0.00	45.17 2.80 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.39 4.19 0.00	72.50 4.74 0.00	86.05 5.48 0.00	88.86 6.58 0.00	86.79 5.75 0.00	64.12 3.34 0.00	54.67 3.14 0.00	46.66 2.72 0.00
CE_MILLWOOD___DRP 24193	35.75 1.54 0.00	31.93 1.72 0.00	27.19 1.42 0.00	28.48 1.41 0.00	28.78 1.29 0.00	31.98 1.26 0.00	38.20 1.36 0.00	39.46 1.70 0.00	39.60 1.89 0.00	35.61 1.86 0.00	36.65 1.94 0.00	40.18 2.09 0.00	40.57 2.37 0.00	45.08 2.71 0.00	48.31 2.95 0.00	54.94 3.55 0.00	62.21 4.02 0.00	72.29 4.54 0.00	85.89 5.32 0.00	88.69 6.42 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.56 3.04 0.00	46.53 2.59 0.00
CE_NYC2_DRP 24202	36.13 1.92 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.84 1.76 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.99 2.23 0.00	40.07 2.34 -0.02	43.26 2.29 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.30 3.96 -36.94	130.56 4.36 -68.00	133.55 4.95 -60.85	128.24 5.72 -41.96	113.92 6.83 -24.81	87.19 6.16 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.30 3.08 -1.29
CE_NYC_DRP 24195	36.02 1.81 0.00	32.23 2.02 0.00	27.48 1.70 0.00	28.75 1.68 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.18 2.29 -7.14	56.55 2.39 -19.45	59.10 2.59 -18.42	62.90 2.87 -21.83	63.34 3.22 -17.75	66.08 3.54 -17.18	92.11 4.16 -36.55	130.25 4.77 -67.28	133.38 5.42 -60.21	128.44 6.36 -41.51	114.23 7.40 -24.55	87.60 6.56 0.00	64.72 3.95 0.00	57.33 3.66 -2.15	48.38 3.16 -1.27
CHAFFEE___LFGE 323603	31.28 -2.91 0.02	26.22 -2.54 1.45	23.30 -2.19 0.29	22.34 -2.30 2.44	22.20 -2.25 3.03	21.89 -2.43 6.40	25.42 -2.61 8.80	26.43 -2.30 9.02	27.41 -2.34 7.97	29.66 -2.26 1.83	31.76 -2.08 0.87	32.67 -2.09 3.33	32.71 -2.14 3.35	33.02 -2.21 7.14	35.99 -2.54 6.83	39.23 -2.78 9.39	43.31 -2.62 12.27	49.65 -2.71 15.39	60.50 -3.38 16.69	70.00 -5.10 7.18	66.99 -5.35 8.69	46.82 -4.13 9.81	41.24 -3.51 6.78	36.57 -3.47 3.90
CHATEAUG_35_KV_LOAD 355732	33.87 -0.34 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.51 -0.22 0.00	36.73 -0.11 0.00	37.69 -0.08 0.00	37.75 0.04 0.00	33.75 0.00 0.00	34.64 -0.07 0.00	38.09 0.00 0.00	38.20 0.00 0.00	42.24 -0.13 0.00	45.14 -0.23 0.00	51.09 -0.31 0.00	57.73 -0.47 0.00	67.21 -0.54 0.00	80.00 -0.56 0.00	81.21 -1.07 0.00	80.38 -0.65 0.00	60.41 -0.36 0.00	51.11 -0.41 0.00	43.81 -0.13 0.00
CHATEAUG_WT_PWR 323614	33.83 -0.38 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.48 -0.25 0.00	36.69 -0.15 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.44 -1.13 0.00	80.71 -1.57 0.00	79.82 -1.21 0.00	60.05 -0.73 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
CHAT_HIGH_FALL_HYD 323578	33.87 -0.34 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.51 -0.22 0.00	36.73 -0.11 0.00	37.69 -0.08 0.00	37.75 0.04 0.00	33.75 0.00 0.00	34.64 -0.07 0.00	38.09 0.00 0.00	38.20 0.00 0.00	42.24 -0.13 0.00	45.14 -0.23 0.00	51.09 -0.31 0.00	57.73 -0.47 0.00	67.21 -0.54 0.00	80.00 -0.56 0.00	81.21 -1.07 0.00	80.38 -0.65 0.00	60.41 -0.36 0.00	51.11 -0.41 0.00	43.81 -0.13 0.00
CHAUTAUQUA___LFGE 323629	31.48 -2.70 0.03	26.22 -2.48 1.50	23.31 -2.17 0.30	22.22 -2.33 2.53	22.07 -2.28 3.14	21.60 -2.49 6.63	25.03 -2.69 9.12	26.04 -2.38 9.35	27.21 -2.26 8.25	29.73 -2.13 1.89	31.90 -1.91 0.90	32.70 -1.94 3.44	32.74 -1.99 3.47	32.91 -2.08 7.39	35.64 -2.45 7.28	38.81 -2.62 9.97	42.81 -2.44 12.95	49.25 -2.30 16.20	60.10 -2.82 17.65	70.40 -4.36 7.51	67.15 -4.78 9.10	46.39 -4.01 10.37	40.71 -3.66 7.16	36.02 -3.73 4.19
CHERRYST_13_KV_LD 356241	36.13 1.92 0.00	32.32 2.11 0.00	27.55 1.78 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.29 1.57 0.00	38.61 1.77 0.00	39.99 2.23 0.00	40.22 2.49 -0.02	43.32 2.43 -7.14	56.69 2.53 -19.45	59.29 2.78 -18.42	63.09 3.06 -21.83	63.59 3.47 -17.75	66.31 3.77 -17.18	92.42 4.47 -36.55	130.54 5.06 -67.28	133.78 5.83 -60.21	128.84 6.77 -41.51	114.64 7.82 -24.55	87.92 6.89 0.00	64.97 4.19 0.00	57.49 3.81 -2.15	48.51 3.30 -1.27

CHESTROR_138KV_BK263 355645	35.41 1.20 0.00	31.59 1.39 0.00	26.88 1.11 0.00	28.18 1.11 0.00	28.48 0.99 0.00	31.68 0.95 0.00	37.87 1.03 0.00	39.04 1.28 0.00	39.11 1.40 0.00	35.13 1.38 0.00	36.17 1.46 0.00	39.69 1.60 0.00	40.03 1.83 0.00	44.49 2.12 0.00	47.68 2.31 0.00	54.22 2.83 0.00	61.46 3.26 0.00	71.48 3.73 0.00	84.84 4.27 0.00	87.54 5.27 0.00	85.57 4.54 0.00	63.39 2.61 0.00	54.00 2.47 0.00	46.00 2.07 0.00
CH_MIDHUDSON___DRP 24192	35.72 1.51 0.00	31.87 1.66 0.00	27.14 1.37 0.00	28.43 1.35 0.00	28.73 1.24 0.00	31.95 1.23 0.00	38.17 1.33 0.00	39.35 1.59 0.00	39.41 1.70 0.00	35.37 1.62 0.00	36.41 1.70 0.00	39.92 1.83 0.00	40.30 2.10 0.00	44.83 2.46 0.00	48.04 2.68 0.00	54.69 3.29 0.00	61.98 3.78 0.00	72.09 4.34 0.00	85.64 5.08 0.00	88.45 6.17 0.00	86.38 5.35 0.00	64.05 3.28 0.00	54.46 2.94 0.00	46.44 2.50 0.00
CH_MISC_IPPS 23765	35.85 1.64 0.00	31.99 1.78 0.00	27.17 1.39 0.00	28.53 1.46 0.00	28.84 1.35 0.00	32.04 1.32 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.44 1.73 0.00	40.03 1.94 0.00	40.42 2.21 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.99 3.60 0.00	62.50 4.31 0.00	72.77 5.01 0.00	86.45 5.88 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.60 3.83 0.00	54.77 3.25 0.00	46.66 2.73 0.00
CH_RES_BVR_FALLS 23983	34.01 -0.20 0.00	30.00 -0.21 0.00	25.60 -0.18 0.00	26.91 -0.16 0.00	27.35 -0.14 0.00	30.60 -0.12 0.00	36.73 -0.11 0.00	37.65 -0.11 0.00	37.64 -0.08 0.00	33.68 -0.07 0.00	34.64 -0.07 0.00	38.01 -0.08 0.00	38.12 -0.08 0.00	42.24 -0.13 0.00	45.18 -0.18 0.00	51.19 -0.20 0.00	57.85 -0.35 0.00	67.35 -0.40 0.00	80.09 -0.48 0.00	81.71 -0.57 0.00	80.55 -0.48 0.00	60.47 -0.30 0.00	51.27 -0.26 0.00	43.76 -0.18 0.00
CH_RES_NIAGARA 23895	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.26 -4.00 6.46	28.58 -3.68 1.49	30.46 -3.54 0.71	31.31 -4.08 2.70	31.27 -4.20 2.72	32.16 -4.41 5.80	33.87 -4.49 7.00	36.73 -5.40 9.27	40.14 -5.65 12.41	46.31 -6.30 15.14	55.04 -8.14 17.39	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
CH_RES_SYRACUSE 23985	33.87 -0.34 0.00	29.84 -0.36 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.30 0.00	37.38 -0.38 0.00	37.27 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.17 -0.59 -1.40	45.84 -0.59 -1.07	52.41 -0.61 -1.63	58.65 -0.52 -0.98	68.44 -0.40 -1.09	82.22 -0.32 -1.97	82.65 -0.25 -0.61	82.27 -0.32 -1.56	60.35 -0.42 0.00	51.18 -0.41 -0.07	44.64 -0.53 -1.23
CLINTON_WT_PWR 323605	33.83 -0.38 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.48 -0.25 0.00	36.69 -0.15 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.44 -1.13 0.00	80.71 -1.57 0.00	79.82 -1.21 0.00	60.05 -0.73 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
CLINTON___LFGE 323618	34.31 0.10 0.00	30.11 -0.09 0.00	25.67 -0.10 0.00	27.05 -0.03 0.00	27.49 0.00 0.00	30.88 0.15 0.00	37.29 0.44 0.00	38.25 0.49 0.00	38.24 0.53 0.00	34.19 0.44 0.00	35.02 0.31 0.00	38.55 0.46 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.68 0.32 0.00	51.76 0.36 0.00	58.20 0.00 0.00	67.28 -0.47 0.00	80.01 -0.56 0.00	81.45 -0.82 0.00	80.63 -0.40 0.00	60.59 -0.18 0.00	51.68 0.16 0.00	44.20 0.27 0.00
COBBLENY_34_KV_TB1 80064	31.24 -2.94 0.02	26.19 -2.57 1.45	23.30 -2.19 0.29	22.34 -2.30 2.44	22.23 -2.23 3.03	21.89 -2.43 6.40	25.42 -2.62 8.80	26.40 -2.34 9.02	27.41 -2.34 7.97	29.66 -2.26 1.83	31.76 -2.08 0.87	32.67 -2.09 3.33	32.78 -2.06 3.36	33.24 -1.99 7.14	36.63 -1.91 6.83	39.28 -2.72 9.40	43.34 -2.62 12.24	49.61 -2.78 15.37	60.12 -3.79 16.66	68.53 -5.35 8.40	65.26 -5.59 10.18	44.60 -4.25 11.92	39.16 -4.17 8.20	35.41 -3.52 5.01
COFFEEN___115KV_TB3 355620	34.55 0.34 0.00	30.60 0.39 0.00	26.14 0.36 0.00	27.45 0.38 0.00	27.87 0.38 0.00	31.46 0.74 0.00	37.95 1.11 0.00	38.59 0.83 0.00	38.24 0.53 0.00	33.78 0.03 0.00	34.67 -0.03 0.00	38.20 0.11 0.00	38.40 0.15 -0.05	43.39 -0.04 -1.07	45.91 -0.27 -0.82	52.33 -0.31 -1.24	59.17 0.23 -0.74	69.74 1.15 -0.83	84.33 2.26 -1.50	86.78 4.03 -0.47	86.92 4.70 -1.19	64.18 3.40 0.00	53.59 2.01 -0.05	46.63 1.76 -0.94
COLDSPRG_115KV_BK1 355956	31.83 -2.36 0.02	27.14 -1.72 1.35	23.99 -1.52 0.26	23.16 -1.65 2.26	23.09 -1.59 2.81	23.07 -1.72 5.94	26.99 -1.69 8.16	28.08 -1.32 8.36	29.06 -1.21 7.45	30.93 -1.11 1.71	32.96 -0.94 0.81	34.14 -0.84 3.11	34.30 -0.76 3.14	35.06 -0.64 6.67	38.49 -0.50 6.38	41.60 -1.03 8.77	46.06 -0.70 11.44	52.97 -0.41 14.37	63.92 -1.13 15.52	71.50 -2.88 7.89	68.23 -3.24 9.57	47.22 -2.37 11.18	41.06 -2.78 7.69	36.66 -2.59 4.69
COLONIE_LFGE___ 323577	35.51 1.30 0.00	31.60 1.39 0.00	26.99 1.21 0.00	28.29 1.22 0.00	28.70 1.21 0.00	31.95 1.23 0.00	38.13 1.29 0.00	38.97 1.21 0.00	38.74 1.02 0.00	34.69 0.94 0.00	35.61 0.90 0.00	38.97 0.88 0.00	39.27 1.07 0.00	43.64 1.27 0.00	46.81 1.45 0.00	53.04 1.64 0.00	60.11 1.92 0.00	69.99 2.23 0.00	83.46 2.90 0.00	85.89 3.62 0.00	84.28 3.24 0.00	63.14 2.37 0.00	53.43 1.91 0.00	45.57 1.63 0.00
COOPERNY_115KV_TB1 80082	35.03 0.82 0.00	31.17 0.97 0.00	26.57 0.80 0.00	27.86 0.79 0.00	28.20 0.71 0.00	31.37 0.65 0.00	37.54 0.70 0.00	38.74 0.98 0.00	38.81 1.09 0.00	34.83 1.08 0.00	35.82 1.11 0.00	39.31 1.22 0.00	39.65 1.45 0.00	43.98 1.61 0.00	47.13 1.77 0.00	53.40 2.00 0.00	60.52 2.33 0.00	70.46 2.71 0.00	83.63 3.06 0.00	86.14 3.87 0.00	84.36 3.32 0.00	62.66 1.88 0.00	53.28 1.75 0.00	45.43 1.49 0.00
COPENHAGEN_WT_PWR 323753	34.35 0.14 0.00	30.39 0.18 0.00	25.96 0.18 0.00	27.26 0.19 0.00	27.71 0.22 0.00	31.21 0.49 0.00	37.65 0.81 0.00	38.33 0.57 0.00	38.02 0.30 0.00	33.65 -0.10 0.00	34.54 -0.17 0.00	38.05 -0.04 0.00	38.21 -0.04 -0.05	43.24 -0.25 -1.12	45.73 -0.50 -0.86	52.19 -0.51 -1.31	58.92 -0.06 -0.78	69.24 0.61 -0.88	83.68 1.53 -1.58	85.82 3.05 -0.49	85.84 3.56 -1.25	63.38 2.61 0.00	53.07 1.50 -0.05	46.29 1.36 -0.99
CORNELL_____ 23752	34.43 0.21 -0.01	31.11 0.21 -0.69	26.09 0.18 -0.13	28.40 0.16 -1.17	29.13 0.19 -1.45	34.05 0.25 -3.08	41.56 0.48 -4.24	42.45 0.38 -4.31	41.63 0.23 -3.69	34.59 0.00 -0.84	35.14 0.03 -0.40	39.63 0.00 -1.54	39.83 0.04 -1.59	46.60 0.13 -4.10	49.86 0.18 -4.32	57.28 0.21 -5.68	64.83 0.58 -6.05	75.92 1.15 -7.01	91.32 1.77 -8.98	86.59 2.30 -2.01	86.21 2.27 -2.91	65.48 1.40 -3.31	54.75 0.98 -2.24	47.25 0.62 -2.70

CORONA V_69_KV_TB1 355595	46.14 2.12 -9.81	37.97 2.27 -5.50	33.00 1.88 -5.35	29.14 1.92 -0.14	29.22 1.73 0.00	32.51 1.78 0.00	39.08 2.06 -0.17	44.39 2.42 -4.21	46.75 2.53 -6.51	53.71 2.43 -17.54	62.95 2.43 -25.81	64.01 2.55 -23.37	66.62 2.79 -25.63	69.14 3.01 -23.76	69.20 3.27 -20.58	72.06 3.85 -16.81	89.46 4.54 -26.73	124.69 5.15 -51.79	110.21 5.96 -23.68	105.41 7.16 -15.97	87.53 6.48 -0.02	64.60 3.83 0.00	54.98 3.45 0.00	53.00 3.25 -5.81
CORTLAND_115KV_TB3 80093	34.18 -0.03 0.00	30.44 0.00 -0.24	25.82 0.00 -0.05	27.48 0.00 -0.40	27.99 0.00 -0.50	31.82 0.03 -1.06	38.45 0.15 -1.46	39.36 0.11 -1.49	39.00 0.00 -1.28	33.94 -0.10 -0.29	34.78 -0.07 -0.14	38.55 -0.08 -0.53	38.70 -0.08 -0.58	44.32 0.00 -1.95	47.27 0.05 -1.86	53.87 0.00 -2.47	60.64 0.23 -2.21	70.73 0.54 -2.44	84.95 0.81 -3.57	83.99 1.23 -0.48	83.21 1.13 -1.05	62.08 0.61 -0.70	52.37 0.36 -0.49	45.45 0.18 -1.34
COXSACKIE__GT 23611	35.89 1.68 0.00	32.02 1.81 0.00	27.27 1.49 0.00	28.62 1.54 0.00	28.95 1.46 0.00	32.20 1.47 0.00	38.28 1.44 0.00	38.97 1.21 0.00	38.58 0.87 0.00	34.32 0.57 0.00	35.20 0.49 0.00	38.70 0.61 0.00	39.00 0.80 0.00	43.47 1.10 0.00	46.68 1.32 0.00	52.89 1.49 0.00	60.41 2.21 0.00	70.60 2.85 0.00	84.75 4.19 0.00	87.87 5.60 0.00	85.98 4.94 0.00	64.36 3.58 0.00	54.20 2.68 0.00	46.09 2.15 0.00
CPV_VALLEY__CC1 323721	35.20 0.99 0.00	31.38 1.18 0.00	26.70 0.93 0.00	28.05 0.97 0.00	28.37 0.88 0.00	31.52 0.80 0.00	37.65 0.81 0.00	38.82 1.06 0.00	38.89 1.17 0.00	34.93 1.18 0.00	35.96 1.25 0.00	39.46 1.37 0.00	39.80 1.60 0.00	44.19 1.82 0.00	47.41 2.04 0.00	53.81 2.42 0.00	60.99 2.79 0.00	70.94 3.19 0.00	84.20 3.63 0.00	86.80 4.52 0.00	84.84 3.81 0.00	62.96 2.18 0.00	53.53 2.01 0.00	45.65 1.71 0.00
CPV_VALLEY__CC2 323722	35.20 0.99 0.00	31.38 1.18 0.00	26.70 0.93 0.00	28.05 0.97 0.00	28.37 0.88 0.00	31.52 0.80 0.00	37.65 0.81 0.00	38.82 1.06 0.00	38.89 1.17 0.00	34.93 1.18 0.00	35.96 1.25 0.00	39.46 1.37 0.00	39.80 1.60 0.00	44.19 1.82 0.00	47.41 2.04 0.00	53.81 2.42 0.00	60.99 2.79 0.00	70.94 3.19 0.00	84.20 3.63 0.00	86.80 4.52 0.00	84.84 3.81 0.00	62.96 2.18 0.00	53.53 2.01 0.00	45.65 1.71 0.00
CRESCENT__HYD 24018	35.51 1.30 0.00	31.60 1.39 0.00	26.99 1.21 0.00	28.29 1.22 0.00	28.70 1.21 0.00	31.95 1.23 0.00	38.13 1.29 0.00	38.97 1.21 0.00	38.74 1.02 0.00	34.69 0.94 0.00	35.61 0.90 0.00	38.97 0.88 0.00	39.27 1.07 0.00	43.64 1.27 0.00	46.81 1.45 0.00	53.04 1.64 0.00	60.11 1.92 0.00	69.99 2.23 0.00	83.46 2.90 0.00	85.89 3.62 0.00	84.28 3.24 0.00	63.14 2.37 0.00	53.43 1.91 0.00	45.57 1.63 0.00
CRICKET__VALLEY_CC1 323756	35.48 1.27 0.00	31.68 1.48 0.00	26.96 1.19 0.00	28.32 1.25 0.00	28.62 1.13 0.00	31.80 1.07 0.00	37.91 1.07 0.00	39.08 1.32 0.00	39.15 1.43 0.00	35.20 1.45 0.00	36.17 1.46 0.00	39.65 1.56 0.00	40.03 1.83 0.00	44.49 2.12 0.00	47.76 2.40 0.00	54.22 2.82 0.00	61.40 3.20 0.00	71.34 3.59 0.00	84.67 4.11 0.00	87.30 5.02 0.00	85.32 4.29 0.00	63.32 2.55 0.00	53.85 2.32 0.00	45.96 2.02 0.00
CRICKET__VALLEY_CC2 323757	35.48 1.27 0.00	31.68 1.48 0.00	26.96 1.19 0.00	28.32 1.25 0.00	28.62 1.13 0.00	31.80 1.07 0.00	37.91 1.07 0.00	39.08 1.32 0.00	39.15 1.43 0.00	35.20 1.45 0.00	36.17 1.46 0.00	39.65 1.56 0.00	40.03 1.83 0.00	44.49 2.12 0.00	47.76 2.40 0.00	54.22 2.82 0.00	61.40 3.20 0.00	71.34 3.59 0.00	84.67 4.11 0.00	87.30 5.02 0.00	85.32 4.29 0.00	63.32 2.55 0.00	53.85 2.32 0.00	45.96 2.02 0.00
CRICKET__VALLEY_CC3 323758	35.48 1.27 0.00	31.68 1.48 0.00	26.96 1.19 0.00	28.32 1.25 0.00	28.62 1.13 0.00	31.80 1.07 0.00	37.91 1.07 0.00	39.08 1.32 0.00	39.15 1.43 0.00	35.20 1.45 0.00	36.17 1.46 0.00	39.65 1.56 0.00	40.03 1.83 0.00	44.49 2.12 0.00	47.76 2.40 0.00	54.22 2.82 0.00	61.40 3.20 0.00	71.34 3.59 0.00	84.67 4.11 0.00	87.30 5.02 0.00	85.32 4.29 0.00	63.32 2.55 0.00	53.85 2.32 0.00	45.96 2.02 0.00
CRUCIBLE_METL_DRP 24180	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
DAHOWA__HYDRO 323763	36.06 1.85 0.00	32.08 1.87 0.00	27.43 1.65 0.00	28.75 1.68 0.00	29.14 1.65 0.00	32.47 1.75 0.00	38.76 1.91 0.00	39.46 1.70 0.00	39.07 1.36 0.00	34.90 1.15 0.00	35.85 1.14 0.00	39.35 1.26 0.00	39.65 1.45 0.00	44.11 1.74 0.00	47.27 1.90 0.00	53.61 2.21 0.00	61.05 2.85 0.00	71.48 3.72 0.00	85.24 4.67 0.00	88.12 5.84 0.00	86.38 5.35 0.00	64.72 3.95 0.00	54.67 3.14 0.00	46.49 2.55 0.00
DANC__LFGE 323619	34.04 -0.17 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.97 -0.11 0.00	27.41 -0.08 0.00	30.79 0.06 0.00	37.10 0.26 0.00	37.84 0.08 0.00	37.60 -0.11 0.00	33.38 -0.37 0.00	34.33 -0.38 0.00	37.75 -0.34 0.00	37.84 -0.42 -0.06	43.18 -0.59 -1.41	45.79 -0.73 -1.16	52.45 -0.77 -1.83	59.01 -0.58 -1.40	69.36 -0.14 -1.74	83.42 0.40 -2.44	84.98 1.40 -1.31	85.14 1.70 -2.40	62.61 1.15 -0.68	52.65 0.57 -0.56	45.75 0.48 -1.33
DANSKAMMER__1 23586	35.85 1.64 0.00	31.99 1.78 0.00	27.17 1.39 0.00	28.53 1.46 0.00	28.84 1.35 0.00	32.04 1.32 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.44 1.73 0.00	40.03 1.94 0.00	40.42 2.21 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.99 3.60 0.00	62.50 4.31 0.00	72.77 5.01 0.00	86.45 5.88 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.60 3.83 0.00	54.77 3.25 0.00	46.66 2.73 0.00
DANSKAMMER__2 23589	35.85 1.64 0.00	31.99 1.78 0.00	27.17 1.39 0.00	28.53 1.46 0.00	28.84 1.35 0.00	32.04 1.32 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.44 1.73 0.00	40.03 1.94 0.00	40.42 2.21 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.99 3.60 0.00	62.50 4.31 0.00	72.77 5.01 0.00	86.45 5.88 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.60 3.83 0.00	54.77 3.25 0.00	46.66 2.73 0.00
DANSKAMMER__3 23590	35.85 1.64 0.00	31.99 1.78 0.00	27.17 1.39 0.00	28.53 1.46 0.00	28.84 1.35 0.00	32.04 1.32 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.44 1.73 0.00	40.03 1.94 0.00	40.42 2.21 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.99 3.60 0.00	62.50 4.31 0.00	72.77 5.01 0.00	86.45 5.88 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.60 3.83 0.00	54.77 3.25 0.00	46.66 2.73 0.00

DANSKAMMER___4 23591	35.85 1.64 0.00	31.99 1.78 0.00	27.17 1.39 0.00	28.53 1.46 0.00	28.84 1.35 0.00	32.04 1.32 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.44 1.73 0.00	40.03 1.94 0.00	40.42 2.21 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.99 3.60 0.00	62.50 4.31 0.00	72.77 5.01 0.00	86.45 5.88 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.60 3.83 0.00	54.77 3.25 0.00	46.66 2.73 0.00
DANSKAMMER___DIESEL 23592	35.82 1.61 0.00	31.96 1.75 0.00	27.19 1.42 0.00	28.48 1.41 0.00	28.78 1.29 0.00	31.98 1.26 0.00	38.24 1.40 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.44 1.69 0.00	36.45 1.74 0.00	40.03 1.94 0.00	40.42 2.22 0.00	45.00 2.63 0.00	48.27 2.90 0.00	55.00 3.60 0.00	62.45 4.25 0.00	72.63 4.88 0.00	86.29 5.72 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.48 3.71 0.00	54.77 3.25 0.00	46.66 2.72 0.00
DARBY___SOLAR 323810	35.92 1.71 0.00	31.93 1.72 0.00	27.30 1.52 0.00	28.62 1.54 0.00	29.03 1.54 0.00	32.35 1.63 0.00	38.61 1.77 0.00	39.31 1.55 0.00	38.96 1.24 0.00	34.80 1.05 0.00	35.72 1.01 0.00	39.20 1.11 0.00	39.50 1.30 0.00	43.89 1.52 0.00	47.09 1.72 0.00	53.40 2.00 0.00	60.75 2.56 0.00	71.07 3.32 0.00	84.83 4.27 0.00	87.62 5.34 0.00	85.89 4.86 0.00	64.36 3.58 0.00	54.41 2.88 0.00	46.27 2.33 0.00
DASHVILLE___HYD 23610	35.78 1.57 0.00	31.93 1.72 0.00	27.14 1.37 0.00	28.45 1.38 0.00	28.73 1.24 0.00	31.89 1.17 0.00	38.09 1.25 0.00	39.27 1.51 0.00	39.34 1.62 0.00	35.30 1.55 0.00	36.31 1.60 0.00	39.84 1.75 0.00	40.26 2.06 0.00	44.78 2.42 0.00	48.04 2.68 0.00	54.84 3.44 0.00	62.27 4.07 0.00	72.50 4.74 0.00	86.13 5.56 0.00	88.94 6.66 0.00	86.79 5.75 0.00	64.36 3.59 0.00	54.77 3.25 0.00	46.66 2.72 0.00
DELAWARE___LFGE 323621	34.86 0.65 0.00	30.99 0.79 0.00	26.42 0.64 0.00	27.75 0.68 0.00	28.13 0.63 -0.01	31.35 0.61 -0.01	37.56 0.70 -0.02	38.46 0.68 -0.02	38.41 0.68 -0.01	34.33 0.57 0.00	35.30 0.59 0.00	38.74 0.65 -0.01	39.02 0.80 -0.02	43.53 0.89 -0.27	46.56 0.95 -0.24	53.06 1.28 -0.37	60.03 1.57 -0.26	69.94 1.90 -0.29	83.32 2.26 -0.50	85.36 2.96 -0.12	84.10 2.76 -0.31	62.54 1.76 -0.01	53.04 1.49 -0.02	45.42 1.23 -0.25
DERFIELD_115KV_TB7 355931	34.28 0.07 0.00	30.36 0.15 0.00	25.90 0.13 0.00	27.18 0.11 0.00	27.60 0.11 0.00	30.82 0.09 0.00	36.92 0.07 0.00	37.80 0.04 0.00	37.75 0.04 0.00	33.78 0.03 0.00	34.74 0.03 0.00	38.09 0.00 0.00	38.24 0.04 0.00	42.41 0.04 0.00	45.36 0.00 0.00	51.45 0.05 0.00	58.25 0.06 0.00	67.89 0.14 0.00	80.73 0.16 0.00	82.69 0.41 0.00	81.36 0.32 0.00	60.89 0.12 0.00	51.68 0.15 0.00	44.07 0.13 0.00
DOGLEVILLE___HYD 23807	35.03 0.82 0.00	31.05 0.85 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.62 0.91 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.05 0.68 0.00	46.00 0.64 0.00	52.01 0.62 0.00	58.90 0.70 0.00	68.57 0.81 0.00	81.78 1.21 0.00	84.17 1.89 0.00	82.98 1.94 0.00	62.11 1.34 0.00	52.92 1.39 0.00	45.17 1.23 0.00
DUNKIRK___115KV_TB_200 55889	31.41 -2.77 0.03	26.19 -2.51 1.51	23.31 -2.17 0.30	22.24 -2.30 2.54	22.05 -2.28 3.15	21.58 -2.49 6.66	25.03 -2.65 9.16	26.04 -2.34 9.38	27.14 -2.30 8.28	29.72 -2.13 1.90	31.86 -1.94 0.90	32.65 -1.98 3.46	32.77 -1.95 3.48	33.01 -1.95 7.41	36.19 -1.86 7.31	38.76 -2.62 10.02	42.78 -2.44 12.97	49.14 -2.37 16.24	59.57 -3.30 17.69	69.05 -4.61 8.62	65.56 -5.02 10.44	44.37 -4.13 12.27	38.87 -4.23 8.43	35.02 -3.73 5.18
DUNKIRK___1 23563	31.41 -2.77 0.03	26.19 -2.51 1.51	23.31 -2.17 0.30	22.24 -2.30 2.54	22.05 -2.28 3.15	21.58 -2.49 6.66	25.03 -2.65 9.16	26.04 -2.34 9.38	27.14 -2.30 8.28	29.72 -2.13 1.90	31.86 -1.94 0.90	32.65 -1.98 3.46	32.77 -1.95 3.48	33.01 -1.95 7.41	36.19 -1.86 7.31	38.76 -2.62 10.02	42.78 -2.44 12.97	49.14 -2.37 16.24	59.57 -3.30 17.69	69.05 -4.61 8.62	65.56 -5.02 10.44	44.37 -4.13 12.27	38.87 -4.23 8.43	35.02 -3.73 5.18
DUNKIRK___2 23564	31.41 -2.77 0.03	26.19 -2.51 1.51	23.31 -2.17 0.30	22.24 -2.30 2.54	22.05 -2.28 3.15	21.58 -2.49 6.66	25.03 -2.65 9.16	26.04 -2.34 9.38	27.14 -2.30 8.28	29.72 -2.13 1.90	31.86 -1.94 0.90	32.65 -1.98 3.46	32.77 -1.95 3.48	33.01 -1.95 7.41	36.19 -1.86 7.31	38.76 -2.62 10.02	42.78 -2.44 12.97	49.14 -2.37 16.24	59.57 -3.30 17.69	69.05 -4.61 8.62	65.56 -5.02 10.44	44.37 -4.13 12.27	38.87 -4.23 8.43	35.02 -3.73 5.18
DUNKIRK___3 23565	31.31 -2.87 0.03	26.10 -2.57 1.54	23.28 -2.19 0.30	22.16 -2.33 2.58	21.99 -2.28 3.21	21.45 -2.49 6.79	24.82 -2.69 9.33	25.82 -2.38 9.56	26.95 -2.34 8.43	29.62 -2.19 1.94	31.78 -2.01 0.92	32.51 -2.06 3.52	32.63 -2.02 3.55	32.78 -2.03 7.55	35.89 -1.95 7.53	38.32 -2.78 10.30	42.26 -2.62 13.32	48.46 -2.64 16.65	58.69 -3.71 18.17	68.60 -4.94 8.74	65.18 -5.27 10.59	44.07 -4.25 12.45	38.74 -4.23 8.56	34.97 -3.69 5.27
DUNKIRK___4 23566	31.31 -2.87 0.03	26.10 -2.57 1.54	23.28 -2.19 0.30	22.16 -2.33 2.58	21.99 -2.28 3.21	21.45 -2.49 6.79	24.82 -2.69 9.33	25.82 -2.38 9.56	26.95 -2.34 8.43	29.62 -2.19 1.94	31.78 -2.01 0.92	32.51 -2.06 3.52	32.63 -2.02 3.55	32.78 -2.03 7.55	35.89 -1.95 7.53	38.32 -2.78 10.30	42.26 -2.62 13.32	48.46 -2.64 16.65	58.69 -3.71 18.17	68.60 -4.94 8.74	65.18 -5.27 10.59	44.07 -4.25 12.45	38.74 -4.23 8.56	34.97 -3.69 5.27
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.85 1.64 0.00	32.05 1.84 0.00	27.30 1.52 0.00	28.59 1.52 0.00	28.86 1.37 0.00	32.08 1.35 0.00	38.35 1.51 0.00	39.65 1.89 0.00	39.79 2.07 0.00	35.81 2.06 0.00	36.86 2.15 0.00	40.41 2.32 0.00	40.80 2.60 0.00	45.33 2.97 0.00	48.58 3.22 0.00	55.25 3.85 0.00	62.56 4.36 0.00	72.70 4.95 0.00	86.37 5.80 0.00	89.11 6.83 0.00	87.03 6.00 0.00	64.30 3.52 0.00	54.82 3.30 0.00	46.79 2.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.61 1.40 0.00	31.78 1.57 0.00	27.04 1.26 0.00	28.32 1.25 0.00	28.62 1.13 0.00	31.83 1.11 0.00	38.06 1.22 0.00	39.23 1.47 0.00	39.30 1.58 0.00	35.30 1.55 0.00	36.31 1.60 0.00	39.88 1.79 0.00	40.26 2.06 0.00	44.74 2.37 0.00	47.99 2.63 0.00	54.64 3.24 0.00	61.98 3.78 0.00	72.09 4.34 0.00	85.64 5.08 0.00	88.37 6.09 0.00	86.30 5.27 0.00	63.93 3.16 0.00	54.41 2.89 0.00	46.36 2.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.26 2.05 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.42 1.69 -0.01	38.65 1.81 0.00	40.03 2.27 0.00	39.92 2.19 -0.02	36.11 2.13 -0.23	37.55 2.19 -0.65	59.03 2.32 -18.62	41.55 2.60 -0.75	63.23 2.92 -17.94	49.13 3.18 -0.59	92.09 3.75 -36.94	130.33 4.13 -68.00	133.21 4.61 -60.85	127.84 5.32 -41.96	113.67 6.58 -24.81	87.03 6.00 0.00	64.72 3.95 0.00	54.90 3.30 -0.08	48.13 2.90 -1.29

E179THST_13_KV_LOAD 356214	36.43 2.22 0.00	32.63 2.42 -0.01	27.79 2.01 -0.01	29.09 2.00 -0.01	29.36 1.87 0.00	32.55 1.81 -0.01	38.83 1.99 0.00	40.22 2.45 0.00	40.15 2.41 -0.02	36.31 2.33 -0.23	37.76 2.39 -0.65	59.26 2.55 -18.62	41.77 2.83 -0.75	63.53 3.22 -17.94	49.44 3.49 -0.59	92.45 4.11 -36.94	130.74 4.54 -68.00	133.76 5.15 -60.85	128.49 5.96 -41.96	114.25 7.16 -24.81	87.60 6.56 0.00	65.21 4.44 0.00	55.26 3.66 -0.08	48.39 3.16 -1.29
EAST HAMPTON___GT 23717	41.16 2.19 -4.76	35.38 2.51 -2.67	30.45 2.09 -2.59	29.34 2.19 -0.07	29.63 2.15 0.00	33.99 2.61 -0.66	40.17 3.24 -0.08	43.77 3.96 -2.04	44.95 4.07 -3.16	46.03 3.78 -8.50	50.77 3.54 -12.51	52.62 3.20 -11.33	53.84 3.21 -12.43	57.45 3.56 -11.52	59.01 3.67 -9.98	61.89 4.47 -6.02	76.27 5.12 -12.95	101.61 5.89 -27.97	107.05 6.84 -19.64	104.84 8.31 -14.25	92.03 7.13 -3.86	67.32 4.98 -1.56	55.65 4.12 0.00	50.22 3.47 -2.81
EAST RIVER___6 23660	36.12 1.91 0.00	32.32 2.11 0.00	27.45 1.67 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.29 1.57 0.00	38.46 1.62 0.00	39.80 2.04 0.00	40.03 2.30 -0.02	43.18 2.30 -7.14	56.59 2.43 -19.45	59.14 2.63 -18.42	62.97 2.94 -21.83	63.51 3.39 -17.75	66.26 3.72 -17.18	92.31 4.37 -36.55	130.53 5.06 -67.28	133.71 5.76 -60.21	128.92 6.84 -41.51	114.72 7.90 -24.55	88.01 6.97 -0.01	65.16 4.38 -0.01	57.49 3.81 -2.15	48.46 3.25 -1.27
EAST RIVER___7 23524	36.12 1.91 0.00	32.32 2.11 0.00	27.45 1.67 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.29 1.57 0.00	38.46 1.62 0.00	39.80 2.04 0.00	40.03 2.30 -0.02	43.18 2.30 -7.14	56.59 2.43 -19.45	59.14 2.63 -18.42	62.97 2.94 -21.83	63.51 3.39 -17.75	66.26 3.72 -17.18	92.31 4.37 -36.55	130.53 5.06 -67.28	133.71 5.76 -60.21	128.92 6.84 -41.51	114.72 7.90 -24.55	88.01 6.97 -0.01	65.16 4.38 -0.01	57.49 3.81 -2.15	48.46 3.25 -1.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.78 1.57 0.00	31.99 1.78 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.01 1.29 0.00	38.28 1.44 0.00	39.54 1.77 0.00	39.68 1.96 0.00	35.71 1.96 0.00	36.76 2.05 0.00	40.30 2.21 0.00	40.68 2.48 0.00	45.17 2.80 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.39 4.19 0.00	72.50 4.74 0.00	86.05 5.48 0.00	88.86 6.58 0.00	86.79 5.75 0.00	64.12 3.34 0.00	54.67 3.14 0.00	46.66 2.72 0.00
EAST_HAMPTON___DIESEL 23722	41.09 2.12 -4.76	35.35 2.48 -2.67	30.40 2.04 -2.59	29.28 2.14 -0.07	29.61 2.12 0.00	33.96 2.58 -0.66	40.13 3.20 -0.08	43.73 3.93 -2.04	44.95 4.07 -3.16	46.03 3.78 -8.50	50.77 3.54 -12.51	52.58 3.16 -11.33	53.80 3.17 -12.43	57.41 3.51 -11.52	58.97 3.63 -9.98	61.79 4.37 -6.02	76.15 5.01 -12.95	101.47 5.76 -27.97	106.89 6.68 -19.64	104.68 8.15 -14.25	91.94 7.05 -3.86	67.26 4.92 -1.56	55.59 4.07 0.00	50.14 3.38 -2.81
EAST_POINT___SOLAR 323840	35.99 1.78 0.00	31.93 1.72 0.00	27.32 1.55 0.00	28.64 1.57 0.00	29.06 1.57 0.00	32.41 1.69 0.00	38.28 1.44 0.00	38.03 0.27 0.00	37.41 -0.30 0.00	33.28 -0.47 0.00	34.15 -0.56 0.00	37.59 -0.50 0.00	37.82 -0.38 0.00	42.03 -0.34 0.00	44.91 -0.45 0.00	51.09 -0.31 0.00	58.43 0.23 0.00	68.63 0.88 0.00	83.87 3.30 0.00	88.28 6.00 0.00	87.59 6.56 0.00	65.27 4.50 0.00	55.18 3.66 0.00	46.71 2.77 0.00
EAST_PULASKI___ESR 323781	33.73 -0.48 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.67 -0.41 0.00	27.10 -0.38 0.00	30.39 -0.34 0.00	36.51 -0.33 0.00	37.31 -0.45 0.00	37.15 -0.56 0.00	33.08 -0.67 0.00	34.09 -0.62 0.00	37.41 -0.68 0.00	37.49 -0.80 -0.09	43.51 -0.93 -2.08	46.15 -1.00 -1.79	53.22 -1.08 -2.90	59.57 -1.16 -2.53	70.03 -1.01 -3.30	83.82 -0.88 -4.13	84.58 -0.41 -2.72	85.28 -0.24 -4.49	62.21 -0.36 -1.80	52.55 -0.36 -1.38	45.57 -0.44 -2.07
EAST_RIVER___1 323558	36.12 1.91 0.00	32.29 2.08 0.00	27.45 1.67 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.29 1.57 0.00	38.46 1.62 0.00	39.87 2.11 0.00	40.07 2.34 -0.02	43.18 2.30 -7.14	56.55 2.39 -19.45	59.10 2.59 -18.42	62.90 2.87 -21.83	63.38 3.26 -17.75	66.13 3.58 -17.18	92.16 4.22 -36.55	130.30 4.83 -67.28	133.52 5.56 -60.21	128.52 6.45 -41.51	114.31 7.49 -24.55	87.60 6.56 -0.01	64.92 4.13 -0.01	57.33 3.66 -2.15	48.38 3.17 -1.27
EAST_RIVER___2 323559	36.12 1.91 0.00	32.32 2.11 0.00	27.45 1.67 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.29 1.57 0.00	38.46 1.62 0.00	39.80 2.04 0.00	40.03 2.30 -0.02	43.18 2.30 -7.14	56.59 2.43 -19.45	59.14 2.63 -18.42	62.97 2.94 -21.83	63.51 3.39 -17.75	66.26 3.72 -17.18	92.31 4.37 -36.55	130.53 5.06 -67.28	133.71 5.76 -60.21	128.92 6.84 -41.51	114.72 7.90 -24.55	88.01 6.97 -0.01	65.16 4.38 -0.01	57.49 3.81 -2.15	48.46 3.25 -1.27
EAST___DELAWARE_HYD 23607	35.41 1.20 0.00	31.53 1.33 0.00	26.81 1.03 0.00	28.13 1.05 0.00	28.42 0.94 0.00	31.62 0.89 0.00	37.76 0.92 0.00	39.01 1.24 0.00	39.04 1.32 0.00	35.00 1.25 0.00	35.99 1.29 0.00	39.57 1.48 0.00	39.96 1.76 0.00	44.49 2.12 0.00	47.76 2.40 0.00	54.33 2.93 0.00	61.81 3.61 0.00	72.15 4.40 0.00	85.80 5.23 0.00	88.53 6.25 0.00	86.38 5.35 0.00	64.11 3.34 0.00	54.31 2.78 0.00	46.27 2.33 0.00
EIGHT_POINT___WT_PWR 323820	33.11 -1.20 -0.10	34.97 -1.12 -5.88	25.91 -0.98 -1.12	35.93 -1.06 -9.91	38.82 -1.02 -12.35	55.81 -1.08 -26.16	71.92 -0.92 -35.99	73.30 -1.10 -36.64	67.76 -1.24 -31.29	39.46 -1.45 -7.16	36.83 -1.25 -3.36	49.72 -1.41 -13.04	49.97 -1.41 -13.19	69.26 -1.61 -28.50	75.30 -2.04 -31.98	90.86 -2.16 -41.62	105.39 -1.92 -49.11	124.48 -1.43 -58.16	149.04 -0.88 -69.36	95.06 -0.74 -13.53	96.97 -0.73 -16.66	83.51 -1.03 -23.77	66.59 -0.93 -15.99	55.71 -1.62 -13.40
ELBRIDGE_115KV_TB2 80188	33.63 -0.58 0.00	29.63 -0.57 0.00	25.29 -0.49 0.00	26.56 -0.51 0.00	26.99 -0.49 0.00	30.20 -0.52 0.00	36.29 -0.55 0.00	37.16 -0.60 0.00	37.04 -0.68 0.00	33.07 -0.67 0.00	34.12 -0.59 0.00	37.44 -0.65 0.00	37.46 -0.80 -0.07	43.09 -0.76 -1.49	45.73 -0.77 -1.14	52.21 -0.93 -1.73	58.36 -0.87 -1.04	68.11 -0.81 -1.17	81.78 -0.89 -2.10	82.19 -0.74 -0.65	81.88 -0.81 -1.66	59.92 -0.85 0.00	50.77 -0.82 -0.07	44.41 -0.83 -1.31
ELEC_TRO_TEK 24086	44.46 1.98 -8.27	36.99 2.14 -4.64	32.09 1.80 -4.51	29.01 1.81 -0.12	29.14 1.65 0.00	32.38 1.66 0.00	38.90 1.92 -0.15	43.62 2.30 -3.55	45.62 2.41 -5.49	50.83 2.29 -14.78	58.72 2.26 -21.76	60.15 2.36 -19.70	62.36 2.56 -21.60	65.11 2.71 -20.03	65.61 2.90 -17.35	68.47 3.44 -13.63	84.80 4.07 -22.53	116.02 4.61 -43.66	105.85 5.32 -19.96	102.24 6.50 -13.46	86.88 5.83 -0.02	64.12 3.34 0.00	54.62 3.09 0.00	51.82 2.99 -4.89
ELLENBURG_WT_PWR 323604	33.83 -0.38 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.48 -0.25 0.00	36.69 -0.15 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.44 -1.13 0.00	80.71 -1.57 0.00	79.82 -1.21 0.00	60.05 -0.73 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.10 -3.08 0.03	25.76 -2.78 1.66	23.08 -2.37 0.33	21.79 -2.49 2.79	21.60 -2.42 3.47	20.75 -2.64 7.33	23.88 -2.87 10.08	24.81 -2.61 10.34	26.10 -2.56 9.05	29.21 -2.46 2.08	31.43 -2.29 0.99	31.99 -2.32 3.78	32.06 -2.33 3.81	31.93 -2.33 8.11	34.96 -2.27 8.13	36.63 -3.65 11.12	40.55 -3.67 13.98	45.93 -3.93 17.89	56.06 -5.24 19.27	67.01 -6.42 8.85	63.58 -6.73 10.72	42.97 -5.29 12.52	37.91 -5.00 8.62	34.51 -4.17 5.26
EMPIRE_CC_1 323656	35.34 1.13 0.00	31.47 1.27 0.00	26.86 1.08 0.00	28.18 1.11 0.00	28.56 1.07 0.00	31.83 1.10 0.00	37.95 1.10 0.00	38.78 1.02 0.00	38.62 0.90 0.00	34.59 0.84 0.00	35.47 0.76 0.00	38.81 0.72 0.00	39.12 0.92 0.00	43.47 1.10 0.00	46.63 1.27 0.00	52.73 1.33 0.00	59.71 1.51 0.00	69.38 1.62 0.00	82.66 2.09 0.00	84.99 2.71 0.00	83.46 2.43 0.00	62.54 1.76 0.00	52.97 1.44 0.00	45.17 1.23 0.00
EMPIRE_CC_2 323658	35.34 1.13 0.00	31.47 1.27 0.00	26.86 1.08 0.00	28.18 1.11 0.00	28.56 1.07 0.00	31.83 1.10 0.00	37.95 1.10 0.00	38.78 1.02 0.00	38.62 0.90 0.00	34.59 0.84 0.00	35.47 0.76 0.00	38.81 0.72 0.00	39.12 0.92 0.00	43.47 1.10 0.00	46.63 1.27 0.00	52.73 1.33 0.00	59.71 1.51 0.00	69.38 1.62 0.00	82.66 2.09 0.00	84.99 2.71 0.00	83.46 2.43 0.00	62.54 1.76 0.00	52.97 1.44 0.00	45.17 1.23 0.00
ENORWICH_115KV_TB1 80156	35.45 1.23 -0.01	31.76 1.21 -0.34	26.87 1.03 -0.06	28.71 1.06 -0.58	29.26 1.04 -0.72	33.52 1.26 -1.53	40.64 1.69 -2.11	41.38 1.47 -2.14	40.72 1.21 -1.80	34.84 0.67 -0.41	35.53 0.62 -0.19	39.53 0.69 -0.75	39.82 0.84 -0.78	45.51 0.97 -2.17	48.63 1.04 -2.22	55.59 1.23 -2.96	63.38 2.21 -2.97	74.64 3.52 -3.37	90.03 4.91 -4.55	89.25 6.09 -0.88	88.53 6.08 -1.42	66.51 4.25 -1.48	55.42 2.89 -1.01	47.80 2.33 -1.53
ERIE_ST__34_KV_TB1-2 80199	31.28 -2.91 0.02	26.64 -2.14 1.42	23.66 -1.83 0.28	22.77 -1.92 2.39	22.68 -1.84 2.97	22.46 -2.00 6.27	26.16 -2.06 8.62	27.18 -1.74 8.84	28.19 -1.73 7.80	30.24 -1.72 1.79	32.33 -1.53 0.85	33.39 -1.45 3.26	33.50 -1.41 3.28	34.11 -1.27 6.99	40.23 -1.09 4.04	43.67 -1.85 5.88	48.30 -1.69 8.21	55.25 -1.76 10.74	66.77 -2.90 10.90	69.31 -4.61 8.36	66.04 -4.86 10.13	45.77 -3.22 11.79	40.11 -3.30 8.12	36.20 -2.81 4.92
ERIE_WT_PWR 323693	31.17 -3.01 0.03	25.95 -2.72 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.33 -2.50 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.22 -2.45 3.53	32.31 -2.54 7.52	35.17 -2.95 7.25	38.22 -3.24 9.95	42.04 -3.20 12.95	48.28 -3.25 16.23	58.87 -4.03 17.67	68.71 -5.51 8.05	65.53 -5.75 9.76	45.04 -4.50 11.23	39.97 -3.81 7.74	35.59 -3.73 4.61
ESPRGFLD_115KV_TB1 80157	35.27 1.06 0.00	31.29 1.09 0.00	26.70 0.93 0.00	28.02 0.95 0.00	28.42 0.93 0.00	31.74 1.01 0.00	37.98 1.14 0.00	38.55 0.79 0.00	38.28 0.57 0.00	34.09 0.34 0.00	35.02 0.31 0.00	38.47 0.38 0.00	38.74 0.53 0.00	42.96 0.59 0.00	45.95 0.59 0.00	52.27 0.87 0.00	59.65 1.45 0.00	69.92 2.17 0.00	83.87 3.30 0.00	86.88 4.61 0.00	85.57 4.54 0.00	63.81 3.04 0.00	53.95 2.42 0.00	45.87 1.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.36 0.14 -0.01	30.93 0.15 -0.58	26.01 0.13 -0.11	28.18 0.14 -0.97	28.84 0.14 -1.21	33.48 0.18 -2.57	40.78 0.41 -3.54	41.66 0.30 -3.60	40.95 0.15 -3.08	34.42 -0.03 -0.70	35.04 0.00 -0.33	39.34 -0.04 -1.28	39.49 -0.04 -1.33	45.98 0.04 -3.57	49.17 0.09 -3.72	56.46 0.15 -4.90	63.84 0.52 -5.12	74.68 1.02 -5.91	89.77 1.53 -7.67	86.01 2.06 -1.68	85.57 2.03 -2.51	64.69 1.22 -2.70	54.24 0.88 -1.84	46.85 0.53 -2.38
ETNA____115KV_TB2 80207	34.36 0.14 -0.01	30.93 0.15 -0.58	26.01 0.13 -0.11	28.18 0.14 -0.97	28.84 0.14 -1.21	33.48 0.18 -2.57	40.78 0.41 -3.54	41.66 0.30 -3.60	40.95 0.15 -3.08	34.42 -0.03 -0.70	35.04 0.00 -0.33	39.34 -0.04 -1.28	39.49 -0.04 -1.33	45.98 0.04 -3.57	49.17 0.09 -3.72	56.46 0.15 -4.90	63.84 0.52 -5.12	74.68 1.02 -5.91	89.77 1.53 -7.67	86.01 2.06 -1.68	85.57 2.03 -2.51	64.69 1.22 -2.70	54.24 0.88 -1.84	46.85 0.53 -2.38
EUCLID__115KV_TB2 356179	33.49 -0.72 0.00	29.48 -0.72 0.00	25.16 -0.62 0.00	26.42 -0.65 0.00	26.86 -0.63 0.00	30.02 -0.71 0.00	36.07 -0.77 0.00	36.93 -0.83 0.00	36.85 -0.87 0.00	32.94 -0.81 0.00	33.95 -0.76 0.00	37.25 -0.84 0.00	37.27 -0.96 -0.03	42.04 -0.97 -0.64	44.66 -1.00 -0.30	50.43 -1.23 -0.26	56.34 -1.22 0.63	65.30 -1.29 1.17	78.74 -1.53 0.30	79.36 -1.40 1.52	78.11 -1.46 1.46	57.64 -1.34 1.80	49.04 -1.24 1.25	43.16 -1.10 -0.32
E_CANADA_CAP_HY 24051	35.68 1.47 0.00	31.68 1.48 0.00	27.09 1.31 0.00	28.40 1.33 0.00	28.81 1.32 0.00	32.14 1.41 0.00	38.24 1.40 0.00	38.52 0.75 0.00	38.05 0.34 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.17 0.08 0.00	38.39 0.19 0.00	42.67 0.30 0.00	45.59 0.23 0.00	51.81 0.41 0.00	59.25 1.05 0.00	69.58 1.83 0.00	84.11 3.54 0.00	87.62 5.34 0.00	86.38 5.35 0.00	64.42 3.65 0.00	54.62 3.09 0.00	46.27 2.33 0.00
E_CANADA_MHWK_HY 24050	35.03 0.82 0.00	31.05 0.84 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.71 0.94 0.00	38.62 0.90 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.04 0.68 0.00	46.00 0.63 0.00	52.02 0.62 0.00	58.90 0.70 0.00	68.63 0.88 0.00	81.85 1.29 0.00	84.17 1.89 0.00	82.97 1.94 0.00	62.17 1.40 0.00	52.92 1.39 0.00	45.17 1.23 0.00
E_FISHKILL__LBMP 23776	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.70 1.21 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.27 1.51 0.00	39.38 1.66 0.00	35.40 1.65 0.00	36.41 1.70 0.00	39.92 1.83 0.00	40.30 2.10 0.00	44.74 2.37 0.00	47.95 2.59 0.00	54.53 3.14 0.00	61.69 3.49 0.00	71.75 4.00 0.00	85.16 4.59 0.00	87.87 5.59 0.00	85.89 4.86 0.00	63.63 2.86 0.00	54.20 2.68 0.00	46.27 2.33 0.00
FALCON__SEABRD_CC1 323796	34.11 -0.10 0.00	29.96 -0.24 0.00	25.57 -0.21 0.00	26.91 -0.16 0.00	27.38 -0.11 0.00	30.72 0.00 0.00	37.06 0.22 0.00	38.06 0.30 0.00	38.13 0.42 0.00	34.12 0.37 0.00	35.02 0.31 0.00	38.51 0.42 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.64 0.27 0.00	51.71 0.31 0.00	57.67 -0.52 0.00	66.87 -0.88 0.00	79.52 -1.05 0.00	80.80 -1.48 0.00	79.98 -1.06 0.00	60.22 -0.55 0.00	51.58 0.05 0.00	44.16 0.22 0.00
FALCON__SEABRD_CC2 323797	34.11 -0.10 0.00	29.96 -0.24 0.00	25.57 -0.21 0.00	26.91 -0.16 0.00	27.38 -0.11 0.00	30.72 0.00 0.00	37.06 0.22 0.00	38.06 0.30 0.00	38.13 0.42 0.00	34.12 0.37 0.00	35.02 0.31 0.00	38.51 0.42 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.64 0.27 0.00	51.71 0.31 0.00	57.67 -0.52 0.00	66.87 -0.88 0.00	79.52 -1.05 0.00	80.80 -1.48 0.00	79.98 -1.06 0.00	60.22 -0.55 0.00	51.58 0.05 0.00	44.16 0.22 0.00

FAR ROCKAWAY___4 23548	45.15 2.39 -8.55	37.51 2.51 -4.79	32.52 2.09 -4.66	29.34 2.14 -0.13	29.44 1.95 0.00	32.72 2.00 0.00	39.31 2.32 -0.15	44.15 2.72 -3.67	46.22 2.83 -5.67	51.73 2.70 -15.28	59.94 2.74 -22.49	61.38 2.93 -20.36	63.70 3.17 -22.33	66.55 3.47 -20.71	67.06 3.77 -17.93	69.99 4.47 -14.12	86.78 5.30 -23.29	118.91 6.03 -45.13	108.21 7.01 -20.63	104.42 8.23 -13.92	88.58 7.54 -0.02	65.33 4.56 0.00	55.49 3.97 0.00	52.69 3.69 -5.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.02 1.81 0.00	32.26 2.05 0.00	27.48 1.70 0.00	28.75 1.68 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.20 2.29 -7.15	56.59 2.39 -19.49	59.14 2.59 -18.46	62.94 2.87 -21.88	63.42 3.26 -17.79	66.12 3.54 -17.22	92.23 4.21 -36.62	130.38 4.77 -67.41	133.50 5.42 -60.32	128.52 6.36 -41.59	114.28 7.40 -24.60	87.60 6.56 0.00	64.72 3.95 0.00	57.34 3.66 -2.15	48.38 3.16 -1.28
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.20 2.29 -7.15	56.59 2.39 -19.49	59.14 2.59 -18.46	62.94 2.87 -21.88	63.42 3.26 -17.79	66.12 3.54 -17.22	92.23 4.21 -36.62	130.38 4.77 -67.41	133.56 5.49 -60.32	128.52 6.36 -41.59	114.28 7.40 -24.60	87.60 6.56 0.00	64.78 4.01 0.00	57.34 3.66 -2.15	48.38 3.16 -1.28
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.02 1.81 0.00	32.23 2.02 0.00	27.48 1.70 0.00	28.75 1.68 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.16 2.26 -7.15	56.56 2.36 -19.49	59.14 2.59 -18.46	62.90 2.83 -21.88	63.37 3.22 -17.79	66.07 3.49 -17.22	92.18 4.16 -36.62	130.32 4.71 -67.41	133.43 5.35 -60.32	128.44 6.28 -41.59	114.20 7.32 -24.60	87.52 6.48 0.00	64.66 3.89 0.00	57.29 3.61 -2.15	48.34 3.12 -1.28
FARRAGUT___LBMP 323566	35.99 1.78 0.00	32.23 2.02 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.46 1.62 0.00	39.84 2.08 0.00	40.03 2.30 -0.02	43.13 2.23 -7.15	56.52 2.33 -19.49	59.06 2.51 -18.46	62.86 2.79 -21.88	63.33 3.18 -17.79	66.03 3.45 -17.22	92.13 4.11 -36.62	130.26 4.66 -67.41	133.36 5.28 -60.32	128.28 6.12 -41.59	114.11 7.24 -24.60	87.43 6.40 0.00	64.60 3.83 0.00	57.23 3.56 -2.15	48.29 3.08 -1.28
FARRCKWY_69_KV_BK2 55825	45.15 2.39 -8.55	37.51 2.51 -4.79	32.52 2.09 -4.66	29.34 2.14 -0.13	29.44 1.95 0.00	32.72 2.00 0.00	39.31 2.32 -0.15	44.15 2.72 -3.67	46.22 2.83 -5.67	51.73 2.70 -15.28	59.94 2.74 -22.49	61.38 2.93 -20.36	63.70 3.17 -22.33	66.55 3.47 -20.71	67.06 3.77 -17.93	69.99 4.47 -14.12	86.78 5.30 -23.29	118.91 6.03 -45.13	108.21 7.01 -20.63	104.42 8.23 -13.92	88.58 7.54 -0.02	65.33 4.56 0.00	55.49 3.97 0.00	52.69 3.69 -5.06
FENNER___WINDPWR 24204	34.45 0.24 0.00	30.48 0.27 0.00	26.01 0.23 0.00	27.29 0.22 0.00	27.71 0.22 0.00	31.03 0.31 0.00	37.29 0.44 0.00	38.10 0.34 0.00	37.98 0.27 0.00	33.82 0.07 0.00	34.81 0.10 0.00	38.24 0.15 0.00	38.38 0.15 -0.03	43.10 0.13 -0.61	45.89 0.14 -0.39	52.12 0.21 -0.52	58.72 0.52 0.00	68.52 0.95 0.18	82.32 1.37 -0.38	83.73 1.89 0.44	82.72 1.87 0.18	61.28 1.21 0.71	51.87 0.82 0.48	44.99 0.61 -0.44
FIBERTEK___ENERGY 23856	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
FITZPATRICK___ 23598	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.71 -1.01 0.00	35.66 -1.18 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.53 -1.18 0.00	36.83 -1.26 0.00	36.37 -1.49 0.34	33.15 -1.61 7.61	37.80 -1.72 5.84	40.60 -1.95 8.84	50.80 -2.09 5.30	59.50 -2.30 5.95	67.20 -2.66 10.71	76.30 -2.64 3.34	69.90 -2.67 8.46	58.64 -2.13 0.00	49.30 -1.85 0.37	35.60 -1.67 6.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.89 1.68 0.00	32.02 1.81 0.00	27.22 1.44 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.05 1.32 0.00	38.32 1.47 0.00	39.46 1.70 0.00	39.53 1.81 0.00	35.47 1.72 0.00	36.48 1.77 0.00	40.07 1.98 0.00	40.45 2.25 0.00	45.04 2.67 0.00	48.36 2.99 0.00	55.10 3.70 0.00	62.56 4.36 0.00	72.83 5.08 0.00	86.53 5.96 0.00	89.35 7.08 0.00	87.19 6.16 0.00	64.60 3.83 0.00	54.87 3.35 0.00	46.75 2.81 0.00
FORT ORANGE___ 23900	35.03 0.82 0.00	31.29 1.09 0.00	26.73 0.95 0.00	28.05 0.97 0.00	28.42 0.94 0.00	31.65 0.92 0.00	37.58 0.74 0.00	38.40 0.64 0.00	38.21 0.49 0.00	34.22 0.47 0.00	35.13 0.42 0.00	38.51 0.42 0.00	38.77 0.57 0.00	43.09 0.72 0.00	46.18 0.82 0.00	52.12 0.72 0.00	59.13 0.93 0.00	68.77 1.02 0.00	82.02 1.45 0.00	84.58 2.30 0.00	82.90 1.87 0.00	61.99 1.21 0.00	52.45 0.93 0.00	44.82 0.88 0.00
FORT_DRUM_COGEN 23780	34.38 0.17 0.00	30.42 0.21 0.00	26.01 0.23 0.00	27.32 0.24 0.00	27.76 0.27 0.00	31.31 0.58 0.00	37.76 0.92 0.00	38.44 0.68 0.00	38.13 0.41 0.00	33.72 -0.03 0.00	34.61 -0.10 0.00	38.09 0.00 0.00	38.32 0.08 -0.04	43.25 -0.13 -1.01	45.77 -0.36 -0.78	52.16 -0.41 -1.18	58.96 0.06 -0.71	69.36 0.81 -0.79	83.76 1.77 -1.42	86.09 3.37 -0.44	86.13 3.97 -1.13	63.63 2.86 0.00	53.22 1.65 -0.05	46.32 1.49 -0.89
FOX_HILLS___ESR 323835	36.41 2.19 -0.01	32.45 2.24 -0.01	27.59 1.80 -0.01	28.95 1.87 -0.01	29.26 1.76 -0.01	32.41 1.69 0.00	38.57 1.73 0.00	40.03 2.27 0.00	40.18 2.45 -0.02	43.36 2.40 -7.21	56.76 2.39 -19.66	59.07 2.36 -18.62	60.65 2.63 -19.82	61.66 3.05 -16.24	64.14 3.36 -15.42	87.36 3.90 -32.06	102.27 4.48 -39.60	112.30 5.08 -39.46	116.61 5.80 -30.24	106.21 6.91 -17.02	85.54 6.32 1.82	62.85 3.83 1.75	57.42 3.71 -2.18	48.49 3.25 -1.30
FPL_FAR_ROCK_GT1 24212	45.19 2.43 -8.55	37.54 2.54 -4.79	32.50 2.06 -4.66	29.37 2.17 -0.13	29.58 2.09 0.00	34.03 2.12 -1.18	39.31 2.32 -0.15	44.11 2.68 -3.67	46.22 2.83 -5.67	51.73 2.70 -15.28	59.98 2.78 -22.49	61.39 2.93 -20.36	63.70 3.17 -22.33	66.59 3.51 -20.71	67.15 3.85 -17.93	70.04 4.52 -14.12	86.84 5.35 -23.29	119.05 6.16 -45.13	108.37 7.17 -20.63	104.50 8.31 -13.92	88.66 7.61 -0.02	65.69 4.92 0.00	55.70 4.17 0.00	52.69 3.69 -5.06
FPL_FAR_ROCK_GT2 23815	45.19 2.43 -8.55	37.54 2.54 -4.79	32.50 2.06 -4.66	29.37 2.17 -0.13	29.58 2.09 0.00	34.03 2.12 -1.18	39.31 2.32 -0.15	44.11 2.68 -3.67	46.22 2.83 -5.67	51.73 2.70 -15.28	59.98 2.78 -22.49	61.39 2.93 -20.36	63.70 3.17 -22.33	66.59 3.51 -20.71	67.15 3.85 -17.93	70.04 4.52 -14.12	86.84 5.35 -23.29	119.05 6.16 -45.13	108.37 7.17 -20.63	104.50 8.31 -13.92	88.66 7.61 -0.02	65.69 4.92 0.00	55.70 4.17 0.00	52.69 3.69 -5.06

FRANKLIN_FALL_HYD 24054	34.07 -0.14 0.00	29.87 -0.33 0.00	25.49 -0.28 0.00	26.80 -0.27 0.00	27.30 -0.19 0.00	30.66 -0.06 0.00	37.03 0.18 0.00	37.99 0.23 0.00	38.06 0.34 0.00	34.02 0.27 0.00	34.85 0.14 0.00	38.39 0.30 0.00	38.51 0.31 0.00	42.50 0.13 0.00	45.41 0.05 0.00	51.35 -0.05 0.00	58.02 -0.17 0.00	67.48 -0.27 0.00	80.33 -0.24 0.00	81.78 -0.49 0.00	81.11 0.08 0.00	60.77 0.00 0.00	51.37 -0.15 0.00	44.03 0.09 0.00
FREEPORT_EQUS_GT1 23764	42.90 2.39 -6.29	36.21 2.48 -3.53	31.24 2.04 -3.43	29.28 2.11 -0.09	29.49 2.01 0.00	33.65 2.06 -0.87	39.24 2.29 -0.11	43.11 2.64 -2.70	44.64 2.75 -4.18	47.64 2.63 -11.25	53.87 2.60 -16.56	55.83 2.74 -14.99	57.55 2.90 -16.44	60.83 3.22 -15.25	62.01 3.45 -13.20	65.09 4.06 -9.64	80.12 4.77 -17.15	106.54 5.56 -33.23	102.21 6.45 -15.19	100.09 7.56 -10.25	87.85 6.81 -0.01	65.15 4.38 0.00	55.34 3.81 0.00	51.13 3.47 -3.72
FREEPORT___CT2 23818	42.90 2.39 -6.29	36.21 2.48 -3.53	31.24 2.04 -3.43	29.28 2.11 -0.09	29.49 2.01 0.00	33.65 2.06 -0.87	39.24 2.29 -0.11	43.11 2.64 -2.70	44.64 2.75 -4.18	47.64 2.63 -11.25	53.87 2.60 -16.56	55.83 2.74 -14.99	57.55 2.90 -16.44	60.83 3.22 -15.25	62.01 3.45 -13.20	65.09 4.06 -9.64	80.12 4.77 -17.15	106.54 5.56 -33.23	102.21 6.45 -15.19	100.09 7.56 -10.25	87.85 6.81 -0.01	65.15 4.38 0.00	55.34 3.81 0.00	51.13 3.47 -3.72
FRESHKLS_33_KV_LOAD 356253	36.51 2.29 -0.01	32.51 2.29 -0.01	27.66 1.88 -0.01	29.00 1.92 -0.01	29.34 1.84 -0.01	32.51 1.78 0.00	38.68 1.84 0.00	40.14 2.38 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.83 2.46 -19.66	59.11 2.40 -18.62	60.62 2.60 -19.82	61.66 3.05 -16.24	64.14 3.36 -15.42	87.42 3.96 -32.06	102.27 4.48 -39.60	112.36 5.15 -39.46	116.69 5.88 -30.24	106.28 6.99 -17.02	85.70 6.49 1.82	62.85 3.83 1.75	57.52 3.81 -2.18	48.57 3.34 -1.30
FULTON COGEN____ 23766	33.35 -0.86 0.00	29.39 -0.82 0.00	25.08 -0.70 0.00	26.34 -0.73 0.00	26.75 -0.74 0.00	29.93 -0.80 0.00	35.96 -0.88 0.00	36.78 -0.98 0.00	36.66 -1.06 0.00	32.77 -0.98 0.00	33.77 -0.94 0.00	37.06 -1.03 0.00	37.13 -1.18 -0.11	43.57 -1.27 -2.47	46.20 -1.32 -2.16	53.38 -1.54 -3.53	59.75 -1.63 -3.18	70.17 -1.76 -4.18	83.74 -1.93 -5.10	83.98 -1.81 -3.51	84.85 -1.86 -5.68	61.61 -1.58 -2.42	52.03 -1.34 -1.85	45.17 -1.27 -2.50
FULTON___LFGE 323630	35.89 1.68 0.00	31.87 1.66 0.00	27.24 1.47 0.00	28.56 1.49 0.00	28.97 1.48 0.00	32.32 1.60 0.00	38.46 1.62 0.00	38.71 0.94 0.00	38.17 0.45 0.00	33.92 0.17 0.00	34.78 0.07 0.00	38.24 0.15 0.00	38.43 0.23 0.00	42.71 0.34 0.00	45.72 0.36 0.00	52.02 0.62 0.00	59.48 1.28 0.00	69.92 2.17 0.00	84.59 4.03 0.00	88.20 5.93 0.00	86.95 5.91 0.00	64.84 4.07 0.00	54.83 3.30 0.00	46.49 2.55 0.00
G.F.CEMENT___DRP 24184	36.33 2.12 0.00	32.32 2.11 0.00	27.63 1.86 0.00	28.94 1.87 0.00	29.33 1.84 0.00	32.75 2.03 0.00	39.05 2.21 0.00	39.72 1.96 0.00	39.34 1.62 0.00	35.13 1.38 0.00	36.13 1.42 0.00	39.73 1.64 0.00	40.00 1.80 0.00	44.45 2.08 0.00	47.63 2.27 0.00	54.12 2.72 0.00	61.69 3.49 0.00	72.22 4.47 0.00	86.21 5.64 0.00	89.19 6.91 0.00	87.27 6.24 0.00	65.39 4.62 0.00	55.34 3.81 0.00	46.97 3.03 0.00
GARDENVILLE___LBMP 24039	31.03 -3.15 0.03	25.67 -2.84 1.69	23.04 -2.40 0.33	21.71 -2.52 2.84	21.48 -2.47 3.54	20.55 -2.70 7.47	23.63 -2.95 10.27	24.55 -2.68 10.53	25.82 -2.68 9.21	29.07 -2.56 2.12	31.31 -2.39 1.01	31.80 -2.44 3.85	31.88 -2.44 3.88	31.66 -2.46 8.25	34.65 -2.40 8.30	36.73 -3.34 11.33	40.31 -3.32 14.57	46.07 -3.52 18.16	55.88 -4.75 19.94	67.02 -5.92 9.33	63.57 -6.16 11.30	42.52 -4.86 13.39	37.69 -4.64 9.20	34.30 -3.91 5.73
GARDNVLA_35_KV_LD 355827	31.17 -3.01 0.03	25.98 -2.75 1.48	23.14 -2.35 0.29	22.13 -2.46 2.48	22.01 -2.39 3.08	21.60 -2.61 6.51	25.05 -2.84 8.96	26.00 -2.57 9.19	27.07 -2.56 8.08	29.43 -2.46 1.86	31.54 -2.29 0.88	32.39 -2.32 3.38	32.51 -2.29 3.40	32.84 -2.29 7.24	36.33 -2.18 6.85	38.87 -3.08 9.45	42.84 -3.03 12.33	49.07 -3.18 15.50	59.41 -4.35 16.80	68.03 -5.68 8.57	64.73 -5.92 10.39	44.08 -4.56 12.14	38.75 -4.43 8.35	35.11 -3.73 5.09
GELCKHM___115KV_LOAD 80723	33.59 -0.62 0.00	29.60 -0.60 0.00	25.26 -0.52 0.00	26.53 -0.54 0.00	26.97 -0.52 0.00	30.14 -0.58 0.00	36.25 -0.59 0.00	37.12 -0.64 0.00	37.00 -0.72 0.00	33.07 -0.67 0.00	34.08 -0.62 0.00	37.40 -0.69 0.00	37.44 -0.80 -0.04	42.48 -0.81 -0.91	45.12 -0.82 -0.57	51.16 -0.98 -0.74	57.13 -0.99 0.07	66.42 -0.95 0.38	79.93 -1.13 -0.49	80.51 -0.99 0.78	79.56 -1.05 0.42	58.56 -1.03 1.18	49.80 -0.93 0.80	43.65 -0.92 -0.64
GENERAL___MILLS 23808	31.10 -3.08 0.03	25.89 -2.78 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.36 -2.46 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.30 -2.37 3.53	32.52 -2.33 7.52	35.85 -2.27 7.25	38.25 -3.19 9.96	42.12 -3.14 12.94	48.21 -3.32 16.22	58.40 -4.51 17.65	67.74 -5.76 8.78	64.40 -6.00 10.64	43.68 -4.62 12.48	38.46 -4.48 8.58	34.90 -3.78 5.26
GE_PLASTICS___DRP 24183	34.89 0.68 0.00	31.11 0.91 0.00	26.57 0.80 0.00	27.89 0.81 0.00	28.26 0.77 0.00	31.46 0.74 0.00	37.43 0.59 0.00	38.33 0.57 0.00	38.21 0.49 0.00	34.22 0.47 0.00	35.16 0.45 0.00	38.51 0.42 0.00	38.77 0.57 0.00	43.00 0.64 0.00	46.04 0.68 0.00	51.71 0.31 0.00	58.43 0.23 0.00	67.96 0.20 0.00	80.97 0.40 0.00	83.35 1.07 0.00	81.84 0.81 0.00	61.14 0.36 0.00	51.99 0.46 0.00	44.29 0.35 0.00
GILBOA___1 23756	34.89 0.68 0.00	31.02 0.82 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.37 0.65 0.00	37.47 0.63 0.00	38.44 0.68 0.00	38.40 0.68 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.78 0.69 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.41 1.04 0.00	52.58 1.18 0.00	59.48 1.28 0.00	69.04 1.28 0.00	81.94 1.37 0.00	84.25 1.97 0.00	82.74 1.70 0.00	61.92 1.15 0.00	52.66 1.13 0.00	44.90 0.97 0.00
GILBOA___2 23757	34.89 0.68 0.00	31.02 0.82 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.37 0.65 0.00	37.47 0.63 0.00	38.44 0.68 0.00	38.40 0.68 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.78 0.69 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.41 1.04 0.00	52.58 1.18 0.00	59.48 1.28 0.00	69.04 1.28 0.00	81.94 1.37 0.00	84.25 1.97 0.00	82.74 1.70 0.00	61.92 1.15 0.00	52.66 1.13 0.00	44.90 0.97 0.00
GILBOA___3 23758	34.89 0.68 0.00	31.02 0.82 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.37 0.65 0.00	37.47 0.63 0.00	38.44 0.68 0.00	38.40 0.68 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.78 0.69 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.41 1.04 0.00	52.58 1.18 0.00	59.48 1.28 0.00	69.04 1.28 0.00	81.94 1.37 0.00	84.25 1.97 0.00	82.74 1.70 0.00	61.92 1.15 0.00	52.66 1.13 0.00	44.90 0.97 0.00

GILBOA___4 23759	34.89 0.68 0.00	31.02 0.82 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.23 0.74 0.00	31.37 0.65 0.00	37.47 0.63 0.00	38.44 0.68 0.00	38.40 0.68 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.78 0.69 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.41 1.04 0.00	52.58 1.18 0.00	59.48 1.28 0.00	69.04 1.28 0.00	81.94 1.37 0.00	84.25 1.97 0.00	82.74 1.70 0.00	61.92 1.15 0.00	52.66 1.13 0.00	44.90 0.97 0.00
GILBOA____ 23599	34.93 0.72 0.00	31.05 0.85 0.00	26.50 0.72 0.00	27.89 0.81 0.00	28.26 0.77 0.00	31.37 0.65 0.00	37.47 0.63 0.00	38.44 0.68 0.00	38.40 0.68 0.00	34.42 0.67 0.00	35.37 0.66 0.00	38.78 0.69 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.36 1.00 0.00	52.58 1.18 0.00	59.42 1.22 0.00	68.97 1.22 0.00	81.86 1.29 0.00	84.25 1.97 0.00	82.73 1.70 0.00	61.87 1.09 0.00	52.71 1.19 0.00	44.91 0.97 0.00
GINNA____ 23603	31.23 -2.98 0.00	26.82 -3.11 0.27	23.02 -2.71 0.05	23.77 -2.84 0.46	24.14 -2.78 0.57	26.50 -3.01 1.21	31.74 -3.43 1.67	32.70 -3.36 1.70	32.79 -3.36 1.57	30.29 -3.10 0.36	31.56 -2.99 0.17	34.27 -3.16 0.66	34.21 -3.32 0.66	37.44 -3.52 1.41	39.52 -3.81 2.03	44.10 -4.16 3.13	48.99 -4.43 4.78	56.40 -4.88 6.47	69.01 -5.48 6.08	71.76 -5.92 4.59	69.48 -6.00 5.55	50.43 -5.17 5.18	43.35 -4.53 3.64	38.52 -4.13 1.29
GLEN PARK____ 23778	34.52 0.31 0.00	30.57 0.36 0.00	26.11 0.33 0.00	27.40 0.33 0.00	27.85 0.36 0.00	31.40 0.68 0.00	37.87 1.03 0.00	38.56 0.79 0.00	38.21 0.49 0.00	33.75 0.00 0.00	34.64 -0.07 0.00	38.17 0.08 0.00	38.40 0.15 -0.05	43.30 -0.13 -1.06	45.81 -0.36 -0.81	52.27 -0.36 -1.23	59.11 0.18 -0.74	69.60 1.02 -0.83	84.15 2.09 -1.49	86.61 3.87 -0.47	86.75 4.54 -1.18	64.05 3.28 0.00	53.53 1.96 -0.05	46.63 1.76 -0.93
GLENDALE_27_KV_LOAD 356172	36.30 2.09 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.95 1.87 -0.01	29.25 1.76 0.00	32.41 1.69 0.00	38.72 1.88 0.00	40.14 2.38 0.00	40.30 2.56 -0.02	43.43 2.46 -7.21	56.90 2.53 -19.66	59.41 2.70 -18.62	63.25 2.98 -22.07	63.70 3.39 -17.94	66.40 3.67 -17.37	92.66 4.32 -36.94	131.03 4.83 -68.00	134.03 5.42 -60.85	128.89 6.36 -41.96	114.58 7.49 -24.81	87.84 6.81 0.00	65.03 4.25 0.00	57.56 3.86 -2.17	48.57 3.34 -1.29
GLENWOOD_IC_1_G5 23712	43.85 2.02 -7.63	36.66 2.17 -4.28	31.76 1.83 -4.16	29.00 1.81 -0.11	29.17 1.68 0.00	32.41 1.69 0.00	38.93 1.95 -0.13	43.34 2.30 -3.28	45.27 2.49 -5.06	49.78 2.40 -13.63	57.20 2.43 -20.07	58.89 2.63 -18.17	60.99 2.87 -19.92	63.98 3.14 -18.48	64.76 3.40 -16.00	68.58 3.91 -13.28	83.28 4.31 -20.78	112.89 4.88 -40.26	104.61 5.64 -18.41	101.44 6.75 -12.42	86.96 5.92 -0.01	64.60 3.83 0.00	54.98 3.45 0.00	51.62 3.16 -4.51
GLENWOOD_IC_2_G1 23688	36.44 1.88 -0.35	32.43 2.02 -0.20	27.62 1.65 -0.19	28.79 1.71 -0.01	29.08 1.59 0.00	32.37 1.60 -0.05	38.54 1.70 -0.01	39.99 2.08 -0.15	40.17 2.22 -0.23	36.54 2.16 -0.63	37.86 2.22 -0.92	41.29 2.36 -0.84	41.72 2.60 -0.92	46.14 2.92 -0.85	49.32 3.22 -0.74	55.75 3.75 -0.61	63.52 4.37 -0.96	74.62 5.01 -1.85	87.14 5.72 -0.85	89.67 6.83 -0.57	87.03 6.00 0.00	64.48 3.71 0.00	54.83 3.30 0.00	47.09 2.94 -0.21
GLENWOOD_IC_3_G1 23689	36.44 1.88 -0.35	32.43 2.02 -0.20	27.62 1.65 -0.19	28.79 1.71 -0.01	29.08 1.59 0.00	32.37 1.60 -0.05	38.54 1.70 -0.01	39.99 2.08 -0.15	40.17 2.22 -0.23	36.54 2.16 -0.63	37.86 2.22 -0.92	41.29 2.36 -0.84	41.72 2.60 -0.92	46.14 2.92 -0.85	49.32 3.22 -0.74	55.75 3.75 -0.61	63.52 4.37 -0.96	74.62 5.01 -1.85	87.14 5.72 -0.85	89.67 6.83 -0.57	87.03 6.00 0.00	64.48 3.71 0.00	54.83 3.30 0.00	47.09 2.94 -0.21
GLENWOOD___4 23550	43.85 2.02 -7.63	36.66 2.17 -4.28	31.76 1.83 -4.16	29.00 1.81 -0.11	29.17 1.68 0.00	32.41 1.69 0.00	38.93 1.95 -0.13	43.34 2.30 -3.28	45.27 2.49 -5.06	49.78 2.40 -13.63	57.20 2.43 -20.07	58.89 2.63 -18.17	60.99 2.87 -19.92	63.98 3.14 -18.48	64.76 3.40 -16.00	68.63 3.96 -13.28	83.40 4.42 -20.78	113.03 5.01 -40.26	104.86 5.88 -18.41	101.61 6.91 -12.42	87.21 6.16 -0.01	64.60 3.83 0.00	54.98 3.45 0.00	51.62 3.16 -4.51
GLENWOOD___5 23614	43.85 2.02 -7.63	36.66 2.17 -4.28	31.76 1.83 -4.16	29.00 1.81 -0.11	29.17 1.68 0.00	32.41 1.69 0.00	38.93 1.95 -0.13	43.34 2.30 -3.28	45.27 2.49 -5.06	49.78 2.40 -13.63	57.20 2.43 -20.07	58.89 2.63 -18.17	60.99 2.87 -19.92	63.98 3.14 -18.48	64.76 3.40 -16.00	68.63 3.96 -13.28	83.40 4.42 -20.78	113.03 5.01 -40.26	104.86 5.88 -18.41	101.61 6.91 -12.42	87.21 6.16 -0.01	64.60 3.83 0.00	54.98 3.45 0.00	51.62 3.16 -4.51
GLOBAL GREEN_PORT_GT1 23814	41.50 2.53 -4.76	35.68 2.81 -2.67	30.71 2.35 -2.59	29.58 2.44 -0.07	29.88 2.39 0.00	34.18 2.80 -0.66	40.31 3.39 -0.08	43.85 4.04 -2.04	44.98 4.11 -3.16	46.07 3.81 -8.50	50.83 3.61 -12.52	52.73 3.31 -11.33	53.99 3.36 -12.43	57.71 3.81 -11.52	59.38 4.04 -9.98	62.31 4.89 -6.02	76.73 5.59 -12.95	102.29 6.57 -27.97	107.86 7.66 -19.64	105.58 9.05 -14.25	92.84 7.95 -3.86	67.92 5.59 -1.56	56.11 4.58 0.00	50.57 3.82 -2.82
GLOBE___DSASP 323697	29.81 -4.38 0.02	25.17 -3.84 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.18 -4.04 6.50	28.57 -3.68 1.50	30.42 -3.58 0.72	31.22 -4.15 2.72	31.18 -4.28 2.74	32.03 -4.49 5.85	33.51 -4.58 7.27	36.43 -5.40 9.57	39.94 -5.65 12.62	45.91 -6.30 15.55	54.67 -8.22 17.68	64.98 -9.46 7.83	61.66 -9.89 9.49	42.13 -7.84 10.81	37.14 -6.96 7.43	34.10 -5.54 4.30
GOETHSLN___LBMP 323567	35.78 1.57 0.00	32.08 1.87 0.00	27.35 1.57 0.00	28.59 1.52 0.00	28.89 1.40 0.00	32.05 1.32 0.00	38.24 1.40 0.00	39.65 1.89 0.00	39.84 2.11 -0.02	42.99 2.09 -7.15	56.35 2.15 -19.49	58.87 2.32 -18.46	60.38 2.56 -19.62	61.34 2.88 -16.09	63.75 3.13 -15.26	86.88 3.75 -31.73	101.44 4.25 -39.00	111.56 4.88 -38.93	116.07 5.64 -29.87	105.73 6.66 -16.79	85.03 5.83 1.83	62.47 3.46 1.77	56.98 3.30 -2.15	48.12 2.90 -1.28
GOLAH___69_KV_TB 1_2 80279	32.36 -1.85 0.00	27.74 -2.17 0.29	23.86 -1.86 0.06	24.64 -1.95 0.49	25.04 -1.84 0.61	27.47 -1.97 1.28	32.94 -2.14 1.77	33.92 -2.04 1.80	33.97 -2.07 1.68	31.31 -2.06 0.38	32.62 -1.91 0.18	35.41 -1.98 0.70	35.39 -2.10 0.71	38.83 -2.03 1.51	41.32 -1.95 2.09	45.58 -2.62 3.20	50.86 -2.50 4.84	58.58 -2.64 6.53	71.27 -3.14 6.15	74.12 -3.46 4.70	71.77 -3.57 5.70	52.00 -3.34 5.43	44.37 -3.35 3.81	39.72 -2.77 1.45
GOODYEAR_LAKE_HYD 323669	35.03 0.82 0.00	31.11 0.91 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.24 0.74 0.00	31.50 0.77 -0.01	37.78 0.92 -0.01	38.61 0.83 -0.01	38.52 0.79 -0.01	34.33 0.57 0.00	35.34 0.62 0.00	38.82 0.72 0.00	39.05 0.84 0.00	43.31 0.93 -0.01	46.40 1.00 -0.04	53.03 1.34 -0.30	60.21 1.80 -0.21	70.29 2.30 -0.23	83.86 2.90 -0.40	86.16 3.78 -0.10	84.84 3.57 -0.24	63.15 2.37 -0.01	53.45 1.91 -0.01	45.67 1.54 -0.19

GOUDEY___7	33.84	30.21	25.63	27.24	27.77	31.46	38.04	38.98	39.11	33.97	34.86	38.67	38.85	44.30	47.37	53.99	60.87	70.94	84.94	83.78	82.70	62.02	52.34	45.22
345031	-0.38	-0.21	-0.18	-0.19	-0.16	-0.22	-0.11	-0.11	0.00	-0.10	0.00	0.00	0.04	0.13	0.18	0.21	0.41	0.68	0.81	1.07	0.81	0.43	0.26	0.09
	0.00	-0.21	-0.04	-0.36	-0.45	-0.95	-1.31	-1.34	-1.40	-0.32	-0.15	-0.58	-0.61	-1.81	-1.82	-2.38	-2.26	-2.51	-3.57	-0.44	-0.86	-0.83	-0.56	-1.20
GOUDEY___8	33.84	30.21	25.63	27.24	27.77	31.46	38.04	38.98	39.11	33.97	34.86	38.67	38.85	44.30	47.37	53.99	60.87	70.94	84.94	83.78	82.70	62.02	52.34	45.22
23579	-0.38	-0.21	-0.18	-0.19	-0.16	-0.22	-0.11	-0.11	0.00	-0.10	0.00	0.00	0.04	0.13	0.18	0.21	0.41	0.68	0.81	1.07	0.81	0.43	0.26	0.09
	0.00	-0.21	-0.04	-0.36	-0.45	-0.95	-1.31	-1.34	-1.40	-0.32	-0.15	-0.58	-0.61	-1.81	-1.82	-2.38	-2.26	-2.51	-3.57	-0.44	-0.86	-0.83	-0.56	-1.20
GOWANUS_GT1_1	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24077	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_2	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24078	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_3	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24079	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_4	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24080	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_5	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24084	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_6	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24111	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_7	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24112	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT1_8	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
24113	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT2_1	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
24114	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_2	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
24115	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_3	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
24116	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_4	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
24117	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30

GOWANUS_GT2_5 24118	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_6 24119	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_7 24120	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT2_8 24121	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_1 24122	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_2 24123	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_3 24124	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_4 24125	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_5 24126	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_6 24127	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_7 24128	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT3_8 24129	36.41	32.48	27.61	28.98	29.28	32.44	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.57	66.31	92.50	130.91	134.03	128.73	114.41	87.69	64.92	57.57	48.57
	2.19	2.27	1.83	1.89	1.79	1.72	1.80	2.34	2.53	2.46	2.50	2.55	2.83	3.26	3.58	4.16	4.71	5.42	6.20	7.32	6.65	4.13	3.87	3.34
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	-0.01	-0.01	-2.18	-1.30
GOWANUS_GT4_1 24130	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT4_2 24131	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30
GOWANUS_GT4_3 24132	36.33	32.48	27.64	28.92	29.19	32.35	38.65	40.10	40.26	43.43	56.87	59.26	63.09	63.53	66.27	92.50	130.85	133.89	128.65	114.41	87.68	64.78	57.57	48.57
	2.12	2.27	1.86	1.84	1.70	1.63	1.81	2.34	2.53	2.46	2.50	2.55	2.83	3.22	3.54	4.16	4.66	5.28	6.12	7.32	6.64	4.01	3.86	3.34
	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.02	-7.21	-19.66	-18.62	-22.07	-17.94	-17.37	-36.94	-68.00	-60.85	-41.96	-24.81	0.00	0.00	-2.18	-1.30

GOWANUS_GT4_4 24133	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GOWANUS_GT4_5 24134	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GOWANUS_GT4_6 24135	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GOWANUS_GT4_7 24136	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GOWANUS_GT4_8 24137	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GREENBSH_115KV_TB3 55895	34.89 0.68 0.00	31.20 1.00 0.00	26.65 0.88 0.00	27.94 0.87 0.00	28.31 0.82 0.00	31.52 0.80 0.00	37.43 0.59 0.00	38.29 0.53 0.00	38.13 0.41 0.00	34.19 0.44 0.00	35.09 0.38 0.00	38.47 0.38 0.00	38.74 0.53 0.00	42.96 0.59 0.00	45.95 0.59 0.00	51.96 0.57 0.00	58.78 0.58 0.00	68.36 0.61 0.00	81.53 0.97 0.00	83.92 1.65 0.00	82.33 1.30 0.00	61.56 0.79 0.00	52.30 0.77 0.00	44.60 0.66 0.00
GREENDGE_115KV_TB5 80291	34.36 0.10 -0.04	32.94 0.09 -2.64	26.35 0.08 -0.50	31.61 0.08 -4.46	33.18 0.14 -5.55	42.73 0.25 -11.76	53.69 0.66 -16.18	54.80 0.57 -16.47	52.12 0.34 -14.06	36.97 0.00 -3.22	36.36 0.14 -1.51	44.11 0.15 -5.86	44.34 0.19 -5.95	56.07 0.38 -13.32	60.63 0.50 -14.77	71.01 0.36 -19.25	81.39 0.93 -22.27	95.84 1.83 -26.26	114.90 2.58 -31.75	93.54 3.04 -8.22	94.33 2.92 -10.38	76.75 1.82 -14.16	62.25 1.19 -9.54	53.01 0.66 -8.41
GREENIDGE___3 23582	34.36 0.10 -0.04	32.94 0.09 -2.64	26.35 0.08 -0.50	31.61 0.08 -4.46	33.18 0.14 -5.55	42.73 0.25 -11.76	53.69 0.66 -16.18	54.80 0.57 -16.47	52.12 0.34 -14.06	36.97 0.00 -3.22	36.36 0.14 -1.51	44.11 0.15 -5.86	44.34 0.19 -5.95	56.07 0.38 -13.32	60.63 0.50 -14.77	71.01 0.36 -19.25	81.39 0.93 -22.27	95.84 1.83 -26.26	114.90 2.58 -31.75	93.54 3.04 -8.22	94.33 2.92 -10.38	76.75 1.82 -14.16	62.25 1.19 -9.54	53.01 0.66 -8.41
GREENIDGE___4 23583	34.39 0.14 -0.04	33.00 0.15 -2.64	26.38 0.10 -0.50	31.61 0.08 -4.46	33.18 0.14 -5.55	42.76 0.28 -11.76	53.69 0.66 -16.18	54.80 0.57 -16.47	52.12 0.34 -14.06	36.97 0.00 -3.22	36.36 0.14 -1.51	44.11 0.15 -5.86	44.30 0.15 -5.95	55.86 0.17 -13.32	60.31 0.18 -14.77	71.03 0.36 -19.27	81.42 0.93 -22.29	95.89 1.83 -26.31	115.17 2.82 -31.78	92.60 3.13 -7.20	93.18 3.00 -9.15	75.07 1.89 -12.42	61.33 1.44 -8.37	52.09 0.66 -7.49
GREENLWN_69_KV_BK 3 55738	41.26 2.19 -4.87	35.29 2.36 -2.73	30.44 2.01 -2.65	29.12 1.98 -0.07	29.28 1.79 0.00	32.57 1.84 0.00	39.14 2.21 -0.09	42.46 2.61 -2.09	43.59 2.64 -3.23	44.91 2.46 -8.70	49.87 2.36 -12.80	52.04 2.36 -11.59	53.43 2.52 -12.71	56.61 2.46 -11.79	58.11 2.54 -10.21	60.51 2.83 -6.28	74.73 3.26 -13.27	95.27 3.79 -23.72	91.04 4.35 -6.12	91.30 5.59 -3.43	83.08 4.70 2.65	62.13 2.43 1.08	54.10 2.58 0.00	49.81 2.99 -2.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30
GRISSOM___SOLAR 323813	35.82 1.61 0.00	31.80 1.60 0.00	27.19 1.42 0.00	28.51 1.43 0.00	28.92 1.43 0.00	32.26 1.54 0.00	38.35 1.51 0.00	38.67 0.90 0.00	38.13 0.42 0.00	33.92 0.17 0.00	34.74 0.03 0.00	38.17 0.08 0.00	38.39 0.19 0.00	42.67 0.30 0.00	45.68 0.32 0.00	51.96 0.57 0.00	59.36 1.16 0.00	69.78 2.03 0.00	84.36 3.79 0.00	87.87 5.60 0.00	86.55 5.51 0.00	64.54 3.77 0.00	54.62 3.09 0.00	46.31 2.37 0.00
GROVEVILLE___HYD 323602	35.89 1.68 0.00	32.02 1.81 0.00	27.22 1.44 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.05 1.32 0.00	38.32 1.47 0.00	39.46 1.70 0.00	39.53 1.81 0.00	35.47 1.72 0.00	36.48 1.77 0.00	40.07 1.98 0.00	40.45 2.25 0.00	45.04 2.67 0.00	48.36 2.99 0.00	55.10 3.70 0.00	62.56 4.36 0.00	72.83 5.08 0.00	86.53 5.96 0.00	89.35 7.08 0.00	87.19 6.16 0.00	64.60 3.83 0.00	54.87 3.35 0.00	46.75 2.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
HAMLTNNY_34_KV_TB 80303	33.80 -0.41 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.67 -0.41 0.00	27.10 -0.38 0.00	30.32 -0.40 0.00	36.51 -0.33 0.00	37.35 -0.42 0.00	37.23 -0.49 0.00	33.21 -0.54 0.00	34.29 -0.42 0.00	37.63 -0.46 0.00	37.69 -0.57 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.71 -0.47 -0.98	68.51 -0.34 -1.09	82.30 -0.24 -1.97	82.73 -0.16 -0.61	82.35 -0.24 -1.56	60.35 -0.43 0.00	51.08 -0.52 -0.07	44.59 -0.57 -1.23

HAMPSHIRE___PAPER_HYD 323593	33.76 -0.45 0.00	29.75 -0.45 0.00	25.41 -0.36 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.78 -0.31 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.26 -1.22 -0.29	66.78 -1.29 -0.32	80.09 -1.05 -0.58	82.05 -0.41 -0.18	81.65 0.16 -0.46	60.96 0.18 0.00	51.49 -0.05 -0.02	44.47 0.18 -0.36
HARDSCRABBLE_WT_PWR 323673	34.89 0.68 0.00	30.90 0.70 0.00	26.37 0.59 0.00	27.67 0.59 0.00	28.07 0.58 0.00	31.43 0.71 0.00	37.72 0.88 0.00	38.56 0.79 0.00	38.47 0.75 0.00	34.39 0.64 0.00	35.34 0.63 0.00	38.78 0.69 0.00	38.77 0.57 0.00	42.92 0.55 0.00	45.86 0.50 0.00	51.86 0.46 0.00	58.72 0.52 0.00	68.43 0.68 0.00	81.61 1.04 0.00	83.92 1.64 0.00	82.74 1.70 0.00	61.92 1.15 0.00	52.66 1.13 0.00	44.95 1.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.65 1.44 0.00	31.81 1.60 0.00	27.06 1.29 0.00	28.35 1.27 0.00	28.64 1.15 0.00	31.83 1.11 0.00	38.06 1.22 0.00	39.27 1.51 0.00	39.38 1.66 0.00	35.34 1.59 0.00	36.38 1.67 0.00	39.96 1.87 0.00	40.34 2.14 0.00	44.87 2.50 0.00	48.13 2.77 0.00	54.84 3.44 0.00	62.21 4.02 0.00	72.36 4.61 0.00	85.89 5.32 0.00	88.69 6.42 0.00	86.54 5.51 0.00	64.05 3.28 0.00	54.51 2.99 0.00	46.44 2.50 0.00
HARSNRAD_115KV_TB1 81005	30.43 -3.76 0.02	25.49 -3.53 1.18	22.56 -2.99 0.23	21.98 -3.11 1.98	21.97 -3.05 2.47	22.16 -3.35 5.22	25.95 -3.72 7.17	27.00 -3.47 7.28	27.81 -3.43 6.47	28.89 -3.37 1.49	30.78 -3.23 0.70	32.11 -3.28 2.70	32.11 -3.36 2.73	33.08 -3.47 5.81	34.91 -3.45 7.01	37.05 -4.73 9.62	40.92 -4.83 12.45	46.81 -5.35 15.59	57.13 -6.85 16.59	67.21 -7.40 7.66	64.13 -7.62 9.28	43.98 -6.26 10.54	38.56 -5.72 7.25	35.06 -4.70 4.18
HARZA MOOSE___RIVER 24016	34.11 -0.10 0.00	30.17 -0.03 0.00	25.78 0.00 0.00	27.15 0.08 0.00	27.60 0.11 0.00	31.06 0.34 0.00	37.36 0.52 0.00	38.25 0.49 0.00	38.06 0.34 0.00	33.85 0.10 0.00	34.78 0.07 0.00	38.20 0.11 0.00	38.37 0.15 -0.02	42.77 0.04 -0.36	45.55 -0.09 -0.28	51.66 -0.15 -0.42	58.57 0.12 -0.25	68.58 0.54 -0.28	82.12 1.05 -0.51	84.41 1.97 -0.16	83.62 2.19 -0.40	62.35 1.58 0.00	52.47 0.93 -0.02	45.09 0.83 -0.32
HDSNBRDG_115KV_BRDG_TB1 355580	33.59 -0.62 0.00	29.60 -0.60 0.00	25.26 -0.52 0.00	26.53 -0.54 0.00	26.97 -0.52 0.00	30.14 -0.58 0.00	36.25 -0.59 0.00	37.12 -0.64 0.00	37.04 -0.68 0.00	33.07 -0.67 0.00	34.12 -0.59 0.00	37.44 -0.65 -0.03	37.47 -0.76 -0.76	42.36 -0.76 -0.42	45.01 -0.77 -0.49	50.91 -0.98 0.33	56.93 -0.93 0.74	66.07 -0.95 0.74	79.63 -1.05 -0.11	80.19 -0.99 1.10	79.09 -1.05 0.89	58.31 -1.03 1.43	49.56 -0.98 0.98	43.52 -0.88 -0.46
HELLGATE_13_KV_LD 55870	36.30 2.09 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.28 1.79 0.00	32.45 1.72 0.00	38.76 1.92 0.00	40.18 2.42 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.37 2.67 -18.62	63.21 2.94 -22.07	63.66 3.35 -17.94	66.36 3.63 -17.37	92.60 4.27 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.49 7.40 -24.81	87.76 6.73 0.00	65.03 4.25 0.00	57.51 3.81 -2.17	48.52 3.30 -1.29
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.30 2.09 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.28 1.79 0.00	32.45 1.72 0.00	38.76 1.92 0.00	40.18 2.42 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.37 2.67 -18.62	63.21 2.94 -22.07	63.66 3.35 -17.94	66.36 3.63 -17.37	92.60 4.27 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.49 7.40 -24.81	87.76 6.73 0.00	65.03 4.25 0.00	57.51 3.81 -2.17	48.52 3.30 -1.29
HEMPSTEAD___ 23647	43.12 2.09 -6.82	36.23 2.20 -3.82	31.30 1.80 -3.72	29.04 1.87 -0.10	29.27 1.79 0.00	33.48 1.81 -0.94	38.91 1.95 -0.12	43.03 2.34 -2.93	44.69 2.45 -4.53	48.27 2.33 -12.19	54.98 2.33 -17.94	56.78 2.44 -16.25	58.65 2.63 -17.82	61.77 2.88 -16.52	62.80 3.13 -14.31	66.05 3.65 -11.00	80.97 4.19 -18.58	108.64 4.88 -36.01	102.67 5.64 -16.46	100.13 6.75 -11.10	86.96 5.91 -0.01	64.48 3.71 0.00	54.87 3.35 0.00	51.05 3.07 -4.04
HICKLING___1 23621	33.72 -0.51 -0.02	30.94 -0.42 -1.16	25.63 -0.36 -0.22	28.68 -0.35 -1.96	29.63 -0.30 -2.44	35.63 -0.28 -5.18	43.97 0.00 -7.13	44.94 -0.08 -7.26	43.72 -0.19 -6.19	34.73 -0.44 -1.41	35.13 -0.24 -0.66	40.40 -0.27 -2.58	40.68 -0.15 -2.63	48.43 0.00 -6.06	52.16 0.14 -6.66	59.84 -0.15 -8.59	67.98 0.23 -9.55	79.68 0.88 -11.04	95.62 1.13 -13.92	86.37 1.32 -2.78	85.92 1.22 -3.67	66.70 0.61 -5.32	55.23 0.15 -3.55	47.56 -0.13 -3.75
HICKLING___2 23622	33.72 -0.51 -0.02	30.94 -0.42 -1.16	25.63 -0.36 -0.22	28.68 -0.35 -1.96	29.63 -0.30 -2.44	35.63 -0.28 -5.18	43.97 0.00 -7.13	44.94 -0.08 -7.26	43.72 -0.19 -6.19	34.73 -0.44 -1.41	35.13 -0.24 -0.66	40.40 -0.27 -2.58	40.68 -0.15 -2.63	48.43 0.00 -6.06	52.16 0.14 -6.66	59.84 -0.15 -8.59	67.98 0.23 -9.55	79.68 0.88 -11.04	95.62 1.13 -13.92	86.37 1.32 -2.78	85.92 1.22 -3.67	66.70 0.61 -5.32	55.23 0.15 -3.55	47.56 -0.13 -3.75
HIGH FALLS___HY 23754	35.85 1.64 0.00	31.93 1.72 0.00	27.14 1.37 0.00	28.43 1.35 0.00	28.70 1.21 0.00	31.92 1.20 0.00	38.24 1.40 0.00	39.50 1.74 0.00	39.60 1.89 0.00	35.47 1.72 0.00	36.51 1.80 0.00	40.11 2.02 0.00	40.53 2.33 0.00	45.12 2.75 0.00	48.45 3.08 0.00	55.41 4.01 0.00	63.03 4.83 0.00	73.44 5.69 0.00	87.25 6.69 0.00	90.18 7.90 0.00	87.92 6.89 0.00	65.09 4.31 0.00	55.23 3.71 0.00	47.01 3.08 0.00
HIGH_RIVER___SOLAR 323847	35.41 1.20 0.00	31.41 1.21 0.00	26.86 1.08 0.00	28.16 1.08 0.00	28.56 1.07 0.00	31.83 1.10 0.00	37.95 1.10 0.00	38.36 0.60 0.00	37.98 0.27 0.00	33.78 0.03 0.00	34.64 -0.07 0.00	38.01 -0.08 0.00	38.24 0.04 0.00	42.45 0.08 0.00	45.45 0.09 0.00	51.60 0.21 0.00	58.90 0.70 0.00	69.24 1.49 0.00	83.22 2.65 0.00	86.23 3.95 0.00	84.84 3.81 0.00	63.38 2.61 0.00	53.69 2.16 0.00	45.65 1.71 0.00
HILLBURN___GT 23639	35.68 1.47 0.00	31.83 1.63 0.00	27.06 1.29 0.00	28.43 1.35 0.00	28.73 1.24 0.00	31.92 1.20 0.00	38.10 1.25 0.00	39.35 1.59 0.00	39.45 1.74 0.00	35.47 1.72 0.00	36.55 1.84 0.00	40.11 2.02 0.00	40.49 2.29 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.89 3.50 0.00	62.27 4.07 0.00	72.36 4.61 0.00	85.80 5.23 0.00	88.53 6.25 0.00	86.38 5.35 0.00	63.99 3.22 0.00	54.41 2.88 0.00	46.40 2.46 0.00
HILLSIDE_115KV_TB1 80332	33.44 -0.79 -0.02	30.64 -0.57 -1.01	25.48 -0.49 -0.19	28.26 -0.51 -1.70	29.14 -0.47 -2.12	34.73 -0.49 -4.50	42.70 -0.33 -6.19	43.73 -0.34 -6.30	42.66 -0.45 -5.39	34.41 -0.57 -1.23	34.87 -0.42 -0.58	39.88 -0.46 -2.25	40.11 -0.38 -2.29	47.44 -0.30 -5.36	51.04 -0.18 -5.86	58.50 -0.46 -7.57	66.37 -0.17 -8.34	77.66 0.27 -9.64	93.10 0.32 -12.21	85.10 0.41 -2.42	84.52 0.24 -3.24	65.30 -0.06 -4.59	54.29 -0.31 -3.07	46.79 -0.48 -3.34

HISHELDN_WT_PWR 323625	31.45 -2.70 0.06	24.33 -2.45 3.43	23.00 -2.11 0.66	19.05 -2.25 5.78	18.07 -2.23 7.19	13.11 -2.40 15.22	13.33 -2.58 20.93	13.97 -2.49 21.30	16.69 -2.57 18.46	26.99 -2.53 4.23	30.32 -2.39 2.00	27.87 -2.52 7.70	27.87 -2.56 7.77	23.05 -2.75 16.57	23.92 -3.27 18.17	23.64 -3.60 24.16	24.72 -3.61 29.87	27.93 -3.53 36.30	35.52 -4.03 41.02	62.34 -4.85 15.08	57.80 -4.95 18.29	33.36 -4.13 23.28	32.22 -3.45 15.85	29.46 -3.52 10.96
HOLTSVILLE_IC_1 23690	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.27 2.95 -9.96	60.90 3.50 -6.00	75.20 4.07 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.97 6.08 -3.86	66.41 4.07 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
HOLTSVILLE_IC_10 23699	41.67 2.67 -4.79	35.76 2.87 -2.68	30.75 2.37 -2.61	29.61 2.46 -0.07	29.85 2.36 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.06 3.25 -2.06	44.10 3.20 -3.18	45.28 2.97 -8.56	50.05 2.74 -12.60	52.08 2.59 -11.40	53.49 2.79 -12.51	57.06 3.09 -11.60	58.71 3.31 -10.04	61.45 3.96 -6.10	75.83 4.60 -13.03	101.41 5.49 -28.17	106.76 6.36 -19.83	104.33 7.65 -14.40	91.76 6.81 -3.92	66.98 4.62 -1.59	55.55 4.02 0.00	50.29 3.52 -2.83
HOLTSVILLE_IC_2 23691	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.27 2.95 -9.96	60.90 3.50 -6.00	75.20 4.07 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.97 6.08 -3.86	66.41 4.07 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
HOLTSVILLE_IC_3 23692	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.27 2.95 -9.96	60.90 3.50 -6.00	75.20 4.07 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.97 6.08 -3.86	66.41 4.07 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
HOLTSVILLE_IC_4 23693	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.27 2.95 -9.96	60.90 3.50 -6.00	75.20 4.07 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.97 6.08 -3.86	66.41 4.07 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
HOLTSVILLE_IC_5 23694	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.27 2.95 -9.96	60.90 3.50 -6.00	75.20 4.07 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.97 6.08 -3.86	66.41 4.07 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
HOLTSVILLE_IC_6 23695	41.67 2.67 -4.79	35.76 2.87 -2.68	30.75 2.37 -2.61	29.61 2.46 -0.07	29.85 2.36 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.06 3.25 -2.06	44.10 3.20 -3.18	45.28 2.97 -8.56	50.05 2.74 -12.60	52.08 2.59 -11.40	53.49 2.79 -12.51	57.06 3.09 -11.60	58.71 3.31 -10.04	61.45 3.96 -6.10	75.83 4.60 -13.03	101.41 5.49 -28.17	106.76 6.36 -19.83	104.33 7.65 -14.40	91.76 6.81 -3.92	66.98 4.62 -1.59	55.55 4.02 0.00	50.29 3.52 -2.83
HOLTSVILLE_IC_7 23696	41.67 2.67 -4.79	35.76 2.87 -2.68	30.75 2.37 -2.61	29.61 2.46 -0.07	29.85 2.36 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.06 3.25 -2.06	44.10 3.20 -3.18	45.28 2.97 -8.56	50.05 2.74 -12.60	52.08 2.59 -11.40	53.49 2.79 -12.51	57.06 3.09 -11.60	58.71 3.31 -10.04	61.45 3.96 -6.10	75.83 4.60 -13.03	101.41 5.49 -28.17	106.76 6.36 -19.83	104.33 7.65 -14.40	91.76 6.81 -3.92	66.98 4.62 -1.59	55.55 4.02 0.00	50.29 3.52 -2.83
HOLTSVILLE_IC_8 23697	41.67 2.67 -4.79	35.76 2.87 -2.68	30.75 2.37 -2.61	29.61 2.46 -0.07	29.85 2.36 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.06 3.25 -2.06	44.10 3.20 -3.18	45.28 2.97 -8.56	50.05 2.74 -12.60	52.08 2.59 -11.40	53.49 2.79 -12.51	57.06 3.09 -11.60	58.71 3.31 -10.04	61.45 3.96 -6.10	75.83 4.60 -13.03	101.41 5.49 -28.17	106.76 6.36 -19.83	104.33 7.65 -14.40	91.76 6.81 -3.92	66.98 4.62 -1.59	55.55 4.02 0.00	50.29 3.52 -2.83
HOLTSVILLE_IC_9 23698	41.67 2.67 -4.79	35.76 2.87 -2.68	30.75 2.37 -2.61	29.61 2.46 -0.07	29.85 2.36 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.06 3.25 -2.06	44.10 3.20 -3.18	45.28 2.97 -8.56	50.05 2.74 -12.60	52.08 2.59 -11.40	53.49 2.79 -12.51	57.06 3.09 -11.60	58.71 3.31 -10.04	61.45 3.96 -6.10	75.83 4.60 -13.03	101.41 5.49 -28.17	106.76 6.36 -19.83	104.33 7.65 -14.40	91.76 6.81 -3.92	66.98 4.62 -1.59	55.55 4.02 0.00	50.29 3.52 -2.83
HOMER_HL_115KV_TB2 355744	31.62 -2.57 0.02	27.49 -1.45 1.26	24.29 -1.24 0.25	23.66 -1.30 2.12	23.62 -1.24 2.63	23.84 -1.32 5.56	27.98 -1.22 7.65	29.02 -0.91 7.83	29.71 -0.98 7.02	31.19 -0.94 1.61	33.18 -0.76 0.77	34.47 -0.69 2.93	34.67 -0.57 2.96	35.61 -0.47 6.29	39.19 -0.27 5.90	42.39 -0.87 8.13	46.85 -0.70 10.65	53.93 -0.41 13.41	64.47 -1.69 14.41	71.05 -3.70 7.52	68.03 -3.89 9.11	48.09 -2.07 10.62	41.85 -2.37 7.30	37.36 -2.15 4.43
HOWARD_WT_PWR 323690	33.17 -1.13 -0.09	34.56 -1.06 -5.41	25.85 -0.95 -1.03	35.20 -1.00 -9.13	37.87 -0.99 -11.37	53.79 -1.01 -24.08	69.13 -0.85 -33.14	70.47 -1.02 -33.73	65.31 -1.21 -28.80	38.95 -1.39 -6.59	36.63 -1.18 -3.10	48.76 -1.33 -12.01	49.00 -1.34 -12.14	67.14 -1.52 -26.29	72.90 -1.95 -29.48	87.71 -2.06 -38.37	101.61 -1.80 -45.22	119.99 -1.29 -53.53	143.82 -0.65 -63.90	94.18 -0.57 -12.47	95.78 -0.65 -15.39	81.72 -0.97 -21.92	65.39 -0.88 -14.75	54.79 -1.58 -12.43
HQ_GEN_CEDARS 23644	34.11 -0.10 0.00	29.93 -0.27 0.00	25.54 -0.23 0.00	26.86 -0.22 0.00	27.32 -0.16 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.84 0.08 0.00	37.83 0.11 0.00	33.82 0.07 0.00	34.67 -0.03 0.00	38.17 0.08 0.00	38.28 0.08 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.67 -0.52 0.00	67.08 -0.68 0.00	79.84 -0.73 0.00	81.21 -1.07 0.00	80.47 -0.57 0.00	60.53 -0.24 0.00	51.22 -0.31 0.00	43.89 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	34.11 -0.10 0.00	29.96 -0.24 0.00	25.54 -0.23 0.00	26.89 -0.19 0.00	27.33 -0.16 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.84 0.08 0.00	37.83 0.11 0.00	33.82 0.07 0.00	34.68 -0.03 0.00	38.17 0.08 0.00	38.28 0.08 0.00	42.33 -0.04 0.00	45.23 -0.14 0.00	51.14 -0.26 0.00	57.56 -0.64 0.00	68.78 -0.88 -1.91	79.14 -0.96 0.46	79.60 -1.23 1.45	79.64 -0.73 0.66	63.59 -0.36 -3.18	49.44 -0.36 1.72	43.10 -0.04 0.80

HQ_GEN_CHPE_PROXY 323851	36.06 1.85 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.81 1.73 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.14 2.19 -7.19	56.60 2.29 -19.60	59.13 2.47 -18.57	62.96 2.75 -22.00	63.44 3.18 -17.89	66.17 3.49 -17.32	92.29 4.06 -36.84	130.66 4.66 -67.81	135.70 5.35 -62.59	128.14 6.20 -41.37	112.81 7.24 -23.29	86.78 6.40 0.65	67.91 3.95 -3.19	55.47 3.51 -0.44	47.46 3.03 -0.49
HQ_GEN_IMPORT 323601	34.21 0.00 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.97 -0.11 0.00	27.41 -0.08 0.00	30.72 0.00 0.00	36.92 0.07 0.00	37.84 0.08 0.00	37.83 0.11 0.00	33.85 0.10 0.00	34.78 0.07 0.00	38.20 0.11 0.00	38.32 0.11 0.00	42.45 0.08 0.00	45.41 0.05 0.00	51.45 0.05 0.00	58.14 -0.06 0.00	69.53 -0.14 -1.91	79.97 -0.24 0.36	79.98 -0.74 1.56	79.97 -0.40 0.66	63.95 0.00 -3.18	49.75 -0.05 1.72	43.19 0.04 0.80
HQ_GEN_WHEEL 23651	34.21 0.00 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.97 -0.11 0.00	27.41 -0.08 0.00	30.72 0.00 0.00	36.92 0.07 0.00	37.84 0.08 0.00	37.83 0.11 0.00	33.85 0.10 0.00	34.78 0.07 0.00	38.20 0.11 0.00	38.32 0.11 0.00	42.45 0.08 0.00	45.41 0.05 0.00	51.45 0.05 0.00	58.14 -0.06 0.00	69.53 -0.14 -1.91	79.97 -0.24 0.36	79.98 -0.74 1.56	79.97 -0.40 0.66	63.95 0.00 -3.18	49.75 -0.05 1.72	43.19 0.04 0.80
HUDSON_AVE_GT_3 23810	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.91 2.15 0.00	40.11 2.38 -0.02	43.20 2.29 -7.15	56.59 2.39 -19.49	59.17 2.63 -18.46	62.94 2.87 -21.88	63.42 3.26 -17.79	66.12 3.54 -17.22	92.23 4.21 -36.62	130.38 4.77 -67.41	133.56 5.49 -60.32	128.52 6.36 -41.59	114.36 7.49 -24.60	87.60 6.56 0.00	64.78 4.01 0.00	57.34 3.66 -2.15	48.38 3.16 -1.28
HUDSON_AVE_GT_4 23540	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.91 2.15 0.00	40.11 2.38 -0.02	43.20 2.29 -7.15	56.59 2.39 -19.49	59.17 2.63 -18.46	62.94 2.87 -21.88	63.42 3.26 -17.79	66.12 3.54 -17.22	92.23 4.21 -36.62	130.38 4.77 -67.41	133.56 5.49 -60.32	128.52 6.36 -41.59	114.36 7.49 -24.60	87.60 6.56 0.00	64.78 4.01 0.00	57.34 3.66 -2.15	48.38 3.16 -1.28
HUDSON_AVE_GT_5 23657	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.91 2.15 0.00	40.11 2.38 -0.02	43.20 2.29 -7.15	56.59 2.39 -19.49	59.17 2.63 -18.46	62.94 2.87 -21.88	63.42 3.26 -17.79	66.12 3.54 -17.22	92.23 4.21 -36.62	130.38 4.77 -67.41	133.56 5.49 -60.32	128.52 6.36 -41.59	114.36 7.49 -24.60	87.60 6.56 0.00	64.78 4.01 0.00	57.34 3.66 -2.15	48.38 3.16 -1.28
HUDSON_AVE_10 24168	35.95 1.74 0.00	32.17 1.96 0.00	27.42 1.65 0.00	28.67 1.60 0.00	28.97 1.48 0.00	32.14 1.41 0.00	38.39 1.55 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.13 2.23 -7.15	56.49 2.29 -19.49	59.06 2.51 -18.46	62.86 2.79 -21.88	63.33 3.18 -17.79	65.98 3.40 -17.22	92.08 4.06 -36.62	130.26 4.66 -67.41	133.43 5.35 -60.32	128.36 6.20 -41.59	114.20 7.32 -24.60	87.52 6.48 0.00	64.66 3.89 0.00	57.23 3.56 -2.15	48.29 3.08 -1.28
HUDSON___115KV_TB 4 355613	35.48 1.27 0.00	31.69 1.48 0.00	27.04 1.26 0.00	28.35 1.27 0.00	28.70 1.21 0.00	31.95 1.23 0.00	37.95 1.11 0.00	38.70 0.94 0.00	38.43 0.72 0.00	34.32 0.57 0.00	35.23 0.52 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.26 0.89 0.00	46.31 0.95 0.00	52.48 1.08 0.00	59.48 1.28 0.00	69.45 1.69 0.00	83.23 2.66 0.00	86.06 3.78 0.00	84.36 3.32 0.00	63.02 2.25 0.00	53.38 1.85 0.00	45.39 1.45 0.00
HUNTER MOUNT___DRP 323613	35.58 1.37 0.00	31.75 1.54 0.00	27.09 1.31 0.00	28.40 1.33 0.00	28.73 1.24 0.00	31.98 1.26 0.00	37.98 1.14 0.00	38.70 0.94 0.00	38.40 0.68 0.00	34.26 0.51 0.00	35.13 0.42 0.00	38.59 0.50 0.00	38.89 0.69 0.00	43.26 0.89 0.00	46.31 0.95 0.00	52.48 1.08 0.00	59.48 1.28 0.00	69.51 1.76 0.00	83.39 2.82 0.00	86.31 4.03 0.00	84.52 3.48 0.00	63.20 2.43 0.00	53.48 1.96 0.00	45.48 1.54 0.00
HUNTINGTON_RES_REC 323705	41.48 2.46 -4.80	35.50 2.60 -2.69	30.56 2.17 -2.62	29.39 2.25 -0.07	29.61 2.12 0.00	33.63 2.24 -0.67	39.40 2.47 -0.08	42.69 2.87 -2.06	43.81 2.90 -3.19	45.04 2.70 -8.59	49.88 2.53 -12.64	52.04 2.51 -11.44	53.46 2.71 -12.55	56.84 2.84 -11.64	58.43 2.99 -10.08	60.97 3.44 -6.13	75.36 4.07 -13.09	102.61 4.81 -30.05	111.07 5.55 -24.94	107.51 6.75 -18.48	93.28 5.91 -6.33	67.18 3.83 -2.58	54.98 3.45 0.00	50.03 3.25 -2.84
HUNTLEY___63 23557	30.60 -3.59 0.02	25.67 -3.26 1.28	22.77 -2.76 0.25	22.04 -2.90 2.14	21.99 -2.83 2.66	22.00 -3.10 5.62	25.68 -3.43 7.73	26.69 -3.13 7.94	27.62 -3.13 6.96	29.14 -3.00 1.60	31.07 -2.88 0.76	32.25 -2.93 2.91	32.25 -3.02 2.94	33.07 -3.05 6.25	35.31 -2.99 7.05	37.73 -4.06 9.61	41.60 -4.07 12.52	47.65 -4.47 15.63	57.57 -5.80 17.20	67.45 -6.83 8.00	64.13 -7.21 9.69	43.87 -5.83 11.07	38.47 -5.41 7.64	35.01 -4.44 4.49
HUNTLEY___64 23558	30.60 -3.59 0.02	25.67 -3.26 1.28	22.77 -2.76 0.25	22.04 -2.90 2.14	21.99 -2.83 2.66	22.00 -3.10 5.62	25.68 -3.43 7.73	26.69 -3.13 7.94	27.62 -3.13 6.96	29.14 -3.00 1.60	31.07 -2.88 0.76	32.25 -2.93 2.91	32.25 -3.02 2.94	33.07 -3.05 6.25	35.31 -2.99 7.05	37.73 -4.06 9.61	41.60 -4.07 12.52	47.65 -4.47 15.63	57.57 -5.80 17.20	67.45 -6.83 8.00	64.13 -7.21 9.69	43.87 -5.83 11.07	38.47 -5.41 7.64	35.01 -4.44 4.49
HUNTLEY___65 23559	30.60 -3.59 0.02	25.67 -3.26 1.28	22.77 -2.76 0.25	22.04 -2.90 2.14	21.99 -2.83 2.66	22.00 -3.10 5.62	25.68 -3.43 7.73	26.69 -3.13 7.94	27.62 -3.13 6.96	29.14 -3.00 1.60	31.07 -2.88 0.76	32.25 -2.93 2.91	32.25 -3.02 2.94	33.07 -3.05 6.25	35.31 -2.99 7.05	37.73 -4.06 9.61	41.60 -4.07 12.52	47.65 -4.47 15.63	57.57 -5.80 17.20	67.45 -6.83 8.00	64.13 -7.21 9.69	43.87 -5.83 11.07	38.47 -5.41 7.64	35.01 -4.44 4.49
HUNTLEY___66 23560	30.60 -3.59 0.02	25.67 -3.26 1.28	22.77 -2.76 0.25	22.04 -2.90 2.14	21.99 -2.83 2.66	22.00 -3.10 5.62	25.68 -3.43 7.73	26.69 -3.13 7.94	27.62 -3.13 6.96	29.14 -3.00 1.60	31.07 -2.88 0.76	32.25 -2.93 2.91	32.25 -3.02 2.94	33.07 -3.05 6.25	35.31 -2.99 7.05	37.73 -4.06 9.61	41.60 -4.07 12.52	47.65 -4.47 15.63	57.57 -5.80 17.20	67.45 -6.83 8.00	64.13 -7.21 9.69	43.87 -5.83 11.07	38.47 -5.41 7.64	35.01 -4.44 4.49
HUNTLEY___67 23561	30.73 -3.46 0.02	25.50 -3.32 1.38	22.69 -2.81 0.28	21.81 -2.95 2.31	21.73 -2.89 2.87	21.51 -3.16 6.05	24.99 -3.54 8.32	25.89 -3.25 8.62	26.92 -3.28 7.51	28.91 -3.10 1.73	30.93 -2.95 0.83	31.83 -3.12 3.14	31.91 -3.13 3.16	32.44 -3.22 6.71	35.60 -3.22 6.54	38.19 -4.16 9.05	42.03 -4.25 11.92	48.17 -4.61 14.98	57.95 -6.04 16.57	66.58 -7.24 8.46	63.25 -7.54 10.24	43.03 -5.96 11.79	37.87 -5.51 8.14	34.51 -4.57 4.86

HUNTLEY___68 23562	30.73 -3.46 0.02	25.50 -3.32 1.38	22.69 -2.81 0.28	21.81 -2.95 2.31	21.73 -2.89 2.87	21.51 -3.16 6.05	24.99 -3.54 8.32	25.89 -3.25 8.62	26.92 -3.28 7.51	28.91 -3.10 1.73	30.93 -2.95 0.83	31.83 -3.12 3.14	31.91 -3.13 3.16	32.44 -3.22 6.71	35.60 -3.22 6.54	38.19 -4.16 9.05	42.03 -4.25 11.92	48.17 -4.61 14.98	57.95 -6.04 16.57	66.58 -7.24 8.46	63.25 -7.54 10.24	43.03 -5.96 11.79	37.87 -5.51 8.14	34.51 -4.57 4.86
HYLAND___LFGE 323620	33.91 -0.38 -0.08	34.20 -0.79 -4.78	25.96 -0.72 -0.91	34.38 -0.76 -8.07	36.93 -0.60 -10.05	51.55 -0.46 -21.28	65.83 -0.30 -29.28	66.93 -0.64 -29.81	61.91 -1.21 -25.40	37.87 -1.69 -5.81	35.74 -1.70 -2.73	46.78 -1.90 -10.59	46.90 -1.99 -10.69	63.07 -2.12 -22.82	65.81 -5.13 -25.57	78.86 -5.60 -33.07	90.89 -6.23 -38.92	107.64 -5.96 -45.85	130.43 -5.16 -55.02	90.64 -4.19 -12.56	92.64 -3.64 -15.26	80.95 -2.79 -22.98	67.55 0.62 -15.41	56.65 -0.22 -12.93
INDECK___CORINTH 23802	36.23 2.02 0.00	32.20 1.99 0.00	27.55 1.78 0.00	28.86 1.79 0.00	29.25 1.76 0.00	32.63 1.91 0.00	38.94 2.10 0.00	39.61 1.85 0.00	39.26 1.55 0.00	35.10 1.35 0.00	36.10 1.39 0.00	39.69 1.60 0.00	39.96 1.76 0.00	44.49 2.12 0.00	47.67 2.31 0.00	54.12 2.72 0.00	61.69 3.49 0.00	72.22 4.47 0.00	86.05 5.48 0.00	88.94 6.66 0.00	87.03 6.00 0.00	65.27 4.50 0.00	55.08 3.55 0.00	46.84 2.90 0.00
INDECK___ILION 23567	35.03 0.82 0.00	31.05 0.85 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.62 0.91 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.05 0.68 0.00	46.00 0.64 0.00	52.01 0.62 0.00	58.90 0.70 0.00	68.57 0.81 0.00	81.78 1.21 0.00	84.17 1.89 0.00	82.98 1.94 0.00	62.11 1.34 0.00	52.92 1.39 0.00	45.17 1.23 0.00
INDECK___OLEAN 23982	31.66 -2.53 0.02	27.52 -1.42 1.26	24.32 -1.21 0.25	23.66 -1.30 2.12	23.62 -1.24 2.63	23.87 -1.29 5.56	27.98 -1.21 7.65	29.02 -0.91 7.83	29.71 -0.98 7.02	31.16 -0.98 1.61	33.18 -0.76 0.77	34.47 -0.68 2.93	34.63 -0.61 2.96	35.44 -0.63 6.29	38.65 -0.82 5.90	42.47 -0.77 8.15	47.06 -0.40 10.73	54.09 -0.14 13.52	64.62 -1.45 14.50	74.45 -3.45 4.37	71.86 -3.89 5.29	53.48 -2.07 5.23	46.00 -1.85 3.67	40.25 -2.11 1.58
INDECK___OSWEGO 23783	33.36 -0.85 0.00	29.42 -0.79 0.00	25.10 -0.67 0.00	26.37 -0.70 0.00	26.77 -0.71 0.00	29.96 -0.77 0.00	36.00 -0.85 0.00	36.78 -0.98 0.00	36.70 -1.02 0.00	32.77 -0.98 0.00	33.74 -0.97 0.00	37.02 -1.07 0.00	37.12 -1.22 -0.14	44.26 -1.36 -3.25	46.87 -1.45 -2.96	54.74 -1.59 -4.94	60.95 -2.09 -4.85	71.98 -2.30 -6.53	85.44 -2.58 -7.45	85.62 -2.39 -5.73	87.42 -2.43 -8.82	63.11 -1.95 -4.29	53.40 -1.34 -3.22	46.15 -1.23 -3.45
INDECK___YERKES 23781	30.67 -3.52 0.02	25.73 -3.20 1.28	22.79 -2.73 0.25	22.06 -2.87 2.14	22.00 -2.83 2.66	22.03 -3.07 5.62	25.72 -3.39 7.73	26.73 -3.10 7.94	27.66 -3.09 6.97	29.18 -2.97 1.60	31.10 -2.85 0.76	32.28 -2.90 2.91	32.25 -3.02 2.94	32.90 -3.22 6.25	34.64 -3.67 7.05	37.66 -4.06 9.68	41.50 -4.13 12.57	47.63 -4.40 15.72	57.98 -5.32 17.27	68.12 -6.75 7.41	65.17 -6.89 8.98	44.99 -5.71 10.07	39.87 -4.69 6.97	35.57 -4.39 3.97
INDIAN POINT_GT_1 24139	35.72 1.51 0.00	31.90 1.69 0.00	27.17 1.39 0.00	28.45 1.38 0.00	28.75 1.26 0.00	31.92 1.20 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.57 1.82 0.00	36.62 1.91 0.00	40.15 2.06 0.00	40.53 2.33 0.00	45.04 2.67 0.00	48.27 2.90 0.00	54.89 3.50 0.00	62.15 3.96 0.00	72.29 4.54 0.00	85.80 5.24 0.00	88.61 6.34 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.51 2.99 0.00	46.49 2.55 0.00
INDIAN POINT_GT_2 23659	35.72 1.51 0.00	31.90 1.69 0.00	27.17 1.39 0.00	28.45 1.38 0.00	28.75 1.26 0.00	31.92 1.20 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.57 1.82 0.00	36.62 1.91 0.00	40.15 2.06 0.00	40.53 2.33 0.00	45.04 2.67 0.00	48.27 2.90 0.00	54.89 3.50 0.00	62.15 3.96 0.00	72.29 4.54 0.00	85.80 5.24 0.00	88.61 6.34 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.51 2.99 0.00	46.49 2.55 0.00
INDIAN POINT_GT_3 24019	35.72 1.51 0.00	31.90 1.69 0.00	27.17 1.39 0.00	28.45 1.38 0.00	28.75 1.26 0.00	31.92 1.20 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.57 1.82 0.00	36.62 1.91 0.00	40.15 2.06 0.00	40.53 2.33 0.00	45.04 2.67 0.00	48.27 2.90 0.00	54.89 3.50 0.00	62.15 3.96 0.00	72.29 4.54 0.00	85.80 5.24 0.00	88.61 6.34 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.51 2.99 0.00	46.49 2.55 0.00
INDIAN POINT___2 23530	35.71 1.50 0.00	31.87 1.66 0.00	27.09 1.31 0.00	28.45 1.38 0.00	28.75 1.27 0.00	31.95 1.23 0.00	38.13 1.29 0.00	39.38 1.62 0.00	39.49 1.77 0.00	35.54 1.79 0.00	36.58 1.87 0.00	40.11 2.02 0.00	40.49 2.29 0.00	45.04 2.67 0.00	48.31 2.95 0.00	54.84 3.44 0.00	62.16 3.96 0.00	72.29 4.54 0.00	85.73 5.16 0.00	88.45 6.17 0.00	86.38 5.35 0.00	63.99 3.22 0.00	54.41 2.88 0.00	46.44 2.50 0.00
INDIAN POINT___3 23531	35.68 1.47 0.00	31.87 1.66 0.00	27.14 1.37 0.00	28.43 1.35 0.00	28.73 1.24 0.00	31.92 1.20 0.00	38.13 1.29 0.00	39.38 1.62 0.00	39.49 1.77 0.00	35.54 1.79 0.00	36.58 1.87 0.00	40.11 2.02 0.00	40.49 2.29 0.00	45.00 2.63 0.00	48.22 2.86 0.00	54.84 3.44 0.00	62.04 3.84 0.00	72.16 4.40 0.00	85.56 5.00 0.00	88.37 6.09 0.00	86.30 5.27 0.00	63.81 3.04 0.00	54.41 2.89 0.00	46.44 2.50 0.00
INDIANHD_69_KV_BK1 55831	41.54 2.53 -4.80	35.58 2.69 -2.69	30.66 2.27 -2.61	29.42 2.27 -0.07	29.55 2.06 0.00	32.88 2.15 0.00	39.54 2.62 -0.08	42.84 3.02 -2.06	43.95 3.06 -3.18	45.16 2.67 -8.58	50.01 2.67 -12.62	52.19 2.67 -11.43	53.56 2.83 -12.53	56.96 2.97 -11.62	58.60 3.18 -10.06	61.22 3.70 -6.12	75.52 4.25 -13.07	102.41 5.01 -29.64	110.23 5.80 -23.86	106.89 6.99 -17.62	92.93 6.08 -5.82	66.61 3.46 -2.37	54.87 3.35 0.00	50.21 3.43 -2.84
INGHAM_C_115KV_TB7 356103	35.03 0.82 0.00	31.05 0.85 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.62 0.91 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.05 0.68 0.00	46.00 0.64 0.00	52.01 0.62 0.00	58.90 0.70 0.00	68.57 0.81 0.00	81.78 1.21 0.00	84.17 1.89 0.00	82.98 1.94 0.00	62.11 1.34 0.00	52.92 1.39 0.00	45.17 1.23 0.00
IP CORINTH___1 23988	36.23 2.02 0.00	32.23 2.02 0.00	27.55 1.78 0.00	28.86 1.79 0.00	29.25 1.76 0.00	32.63 1.90 0.00	38.94 2.10 0.00	39.61 1.85 0.00	39.26 1.55 0.00	35.10 1.35 0.00	36.10 1.39 0.00	39.69 1.60 0.00	39.96 1.76 0.00	44.45 2.08 0.00	47.58 2.22 0.00	54.07 2.67 0.00	61.63 3.43 0.00	72.16 4.40 0.00	85.97 5.40 0.00	88.94 6.66 0.00	86.95 5.92 0.00	65.27 4.50 0.00	55.18 3.66 0.00	46.84 2.90 0.00

IP___TICONDEROGA 23804	37.36 3.15 0.00	33.29 3.08 0.00	28.51 2.73 0.00	29.81 2.73 0.00	30.18 2.69 0.00	33.74 3.01 0.00	40.16 3.32 0.00	40.63 2.87 0.00	40.05 2.34 0.00	35.74 1.99 0.00	36.79 2.08 0.00	40.60 2.51 0.00	40.87 2.67 0.00	45.55 3.18 0.00	48.72 3.36 0.00	55.41 4.01 0.00	63.38 5.18 0.00	74.66 6.91 0.00	89.43 8.86 0.00	93.22 10.94 0.00	91.16 10.13 0.00	68.13 7.35 0.00	57.40 5.87 0.00	48.55 4.61 0.00
ISLIP_RES_REC 323679	41.86 2.84 -4.81	35.90 2.99 -2.70	30.87 2.47 -2.62	29.72 2.57 -0.07	29.96 2.48 0.00	34.03 2.64 -0.67	39.88 2.95 -0.08	43.23 3.40 -2.07	44.31 3.40 -3.19	45.49 3.14 -8.60	50.32 2.95 -12.66	52.41 2.86 -11.46	53.83 3.06 -12.57	57.42 3.39 -11.66	59.13 3.67 -10.10	61.92 4.37 -6.16	76.42 5.12 -13.10	101.91 6.03 -28.13	106.96 7.01 -19.38	104.62 8.31 -14.04	92.09 7.37 -3.68	67.31 5.04 -1.49	55.85 4.33 0.00	50.52 3.73 -2.85
JAMAICA__27_KV_LOAD 355505	36.13 1.92 0.00	32.35 2.14 0.00	27.55 1.78 0.00	28.81 1.73 0.00	29.08 1.59 0.00	32.26 1.54 0.00	38.61 1.77 0.00	40.06 2.30 0.00	40.30 2.56 -0.02	43.33 2.43 -7.15	56.70 2.50 -19.49	59.29 2.74 -18.46	63.13 3.06 -21.88	63.67 3.52 -17.79	66.34 3.77 -17.22	92.54 4.52 -36.62	130.84 5.24 -67.41	134.17 6.10 -60.32	129.33 7.17 -41.59	115.18 8.31 -24.60	88.49 7.46 0.00	65.33 4.56 0.00	57.80 4.12 -2.15	48.69 3.47 -1.28
JANIS___SOLAR 323808	34.94 0.72 -0.01	31.32 0.66 -0.45	26.43 0.57 -0.08	28.40 0.57 -0.76	29.01 0.58 -0.94	33.46 0.74 -2.00	40.66 1.07 -2.75	41.35 0.79 -2.80	40.55 0.45 -2.38	34.29 0.00 -0.54	34.86 -0.10 -0.26	38.93 -0.15 -0.99	39.12 -0.11 -1.03	45.04 -0.13 -2.80	48.17 -0.09 -2.90	55.35 0.10 -3.85	62.96 0.81 -3.95	74.18 1.89 -4.53	89.76 3.23 -5.96	87.40 4.11 -1.01	86.88 4.21 -1.63	65.27 2.86 -1.64	54.65 2.01 -1.11	47.14 1.49 -1.70
JARVIS____ 23743	34.28 0.07 0.00	30.33 0.12 0.00	25.90 0.13 0.00	27.18 0.11 0.00	27.60 0.11 0.00	30.82 0.09 0.00	36.92 0.07 0.00	37.80 0.04 0.00	37.75 0.04 0.00	33.78 0.03 0.00	34.74 0.00 0.00	38.09 0.00 0.00	38.24 0.04 0.00	42.41 0.04 0.00	45.36 0.00 0.00	51.45 0.05 0.00	58.31 0.12 0.00	67.89 0.14 0.00	80.73 0.16 0.00	82.69 0.41 0.00	81.36 0.33 0.00	60.96 0.18 0.00	51.68 0.16 0.00	44.07 0.13 0.00
JENNISON___1 23625	35.00 0.79 0.00	31.29 0.85 -0.24	26.54 0.72 -0.04	28.21 0.73 -0.40	28.71 0.71 -0.50	32.62 0.83 -1.07	39.42 1.11 -1.47	40.27 1.02 -1.49	39.89 0.94 -1.23	34.64 0.61 -0.28	35.47 0.62 -0.13	39.33 0.72 -0.51	39.58 0.84 -0.54	44.88 0.97 -1.54	48.01 1.09 -1.56	54.62 1.13 -2.09	62.01 1.80 -2.01	72.69 2.71 -2.23	87.27 3.54 -3.16	87.25 4.44 -0.53	86.26 4.29 -0.93	64.63 2.92 -0.94	54.22 2.06 -0.63	46.72 1.63 -1.15
JENNISON___2 23626	35.00 0.79 0.00	31.29 0.85 -0.24	26.54 0.72 -0.04	28.21 0.73 -0.40	28.71 0.71 -0.50	32.62 0.83 -1.07	39.42 1.11 -1.47	40.27 1.02 -1.49	39.89 0.94 -1.23	34.64 0.61 -0.28	35.47 0.62 -0.13	39.33 0.72 -0.51	39.58 0.84 -0.54	44.88 0.97 -1.54	48.01 1.09 -1.56	54.62 1.13 -2.09	62.01 1.80 -2.01	72.69 2.71 -2.23	87.27 3.54 -3.16	87.25 4.44 -0.53	86.26 4.29 -0.93	64.63 2.92 -0.94	54.22 2.06 -0.63	46.72 1.63 -1.15
JERICHO_RISE_WT_PWR 323719	33.80 -0.41 0.00	29.69 -0.51 0.00	25.34 -0.44 0.00	26.67 -0.41 0.00	27.13 -0.36 0.00	30.45 -0.28 0.00	36.66 -0.18 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.36 -1.21 0.00	80.63 -1.64 0.00	79.73 -1.30 0.00	59.98 -0.79 0.00	51.01 -0.52 0.00	43.72 -0.22 0.00
KATONAH___115KV_46KV_TB4 355592	35.92 1.71 0.00	32.08 1.87 0.00	27.30 1.52 0.00	28.59 1.52 0.00	28.89 1.40 0.00	32.11 1.38 0.00	38.39 1.55 0.00	39.61 1.85 0.00	39.75 2.04 0.00	35.71 1.96 0.00	36.83 2.12 0.00	40.34 2.25 0.00	40.72 2.52 0.00	45.33 2.97 0.00	48.58 3.22 0.00	55.25 3.85 0.00	62.62 4.42 0.00	72.90 5.15 0.00	86.69 6.12 0.00	89.60 7.32 0.00	87.43 6.40 0.00	64.54 3.77 0.00	54.82 3.30 0.00	46.79 2.86 0.00
KCE_NY_1 323755	35.89 1.68 0.00	31.90 1.69 0.00	27.27 1.49 0.00	28.59 1.52 0.00	29.00 1.51 0.00	32.32 1.60 0.00	38.54 1.70 0.00	39.31 1.55 0.00	39.00 1.28 0.00	34.86 1.11 0.00	35.82 1.11 0.00	39.31 1.22 0.00	39.57 1.37 0.00	44.02 1.65 0.00	47.18 1.82 0.00	53.51 2.11 0.00	60.88 2.68 0.00	71.14 3.39 0.00	84.92 4.35 0.00	87.62 5.34 0.00	85.89 4.86 0.00	64.30 3.52 0.00	54.36 2.83 0.00	46.27 2.33 0.00
KCE_NY_6_ESR 323823	31.17 -3.01 0.03	25.95 -2.72 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.33 -2.50 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.22 -2.45 3.53	32.31 -2.54 7.52	35.17 -2.95 7.25	38.22 -3.24 9.95	42.04 -3.20 12.95	48.28 -3.25 16.23	58.87 -4.03 17.67	68.71 -5.51 8.05	65.53 -5.75 9.76	45.04 -4.50 11.23	39.97 -3.81 7.74	35.59 -3.73 4.61
KEDC_PORT_JEFF_GT2 24210	41.62 2.63 -4.77	35.69 2.81 -2.68	30.72 2.35 -2.60	29.55 2.41 -0.07	29.80 2.31 0.00	33.87 2.49 -0.66	39.69 2.76 -0.08	42.98 3.17 -2.05	44.05 3.17 -3.17	45.19 2.90 -8.53	49.94 2.67 -12.56	52.01 2.55 -11.37	53.42 2.75 -12.47	56.94 3.01 -11.56	58.64 3.27 -10.01	61.32 3.86 -6.06	75.74 4.54 -13.00	101.37 5.35 -28.26	107.04 6.20 -20.27	104.52 7.49 -14.75	91.82 6.65 -4.14	66.95 4.50 -1.68	55.44 3.91 0.00	50.23 3.47 -2.82
KEDC_PORT_JEFF_GT3 24211	41.62 2.63 -4.77	35.69 2.81 -2.68	30.72 2.35 -2.60	29.55 2.41 -0.07	29.80 2.31 0.00	33.87 2.49 -0.66	39.69 2.76 -0.08	42.98 3.17 -2.05	44.05 3.17 -3.17	45.19 2.90 -8.53	49.94 2.67 -12.56	52.01 2.55 -11.37	53.42 2.75 -12.47	56.94 3.01 -11.56	58.64 3.27 -10.01	61.32 3.86 -6.06	75.74 4.54 -13.00	101.37 5.35 -28.26	107.04 6.20 -20.27	104.52 7.49 -14.75	91.82 6.65 -4.14	66.95 4.50 -1.68	55.44 3.91 0.00	50.23 3.47 -2.82
KEDC_GLWD_GT4 24219	43.92 2.09 -7.63	36.69 2.20 -4.28	31.74 1.80 -4.16	29.05 1.87 -0.11	29.25 1.76 0.00	33.56 1.78 -1.06	38.93 1.95 -0.13	43.34 2.30 -3.28	45.27 2.49 -5.06	49.78 2.40 -13.63	57.20 2.43 -20.07	58.88 2.63 -18.17	60.99 2.87 -19.92	64.06 3.22 -18.48	64.85 3.49 -16.00	68.58 3.90 -13.28	83.34 4.37 -20.78	113.03 5.01 -40.26	104.78 5.80 -18.41	101.52 6.83 -12.42	87.04 6.00 -0.01	64.48 3.71 0.00	55.13 3.61 0.00	51.66 3.21 -4.51
KEDC_GLWD_GT5 24220	43.92 2.09 -7.63	36.69 2.20 -4.28	31.74 1.80 -4.16	29.05 1.87 -0.11	29.25 1.76 0.00	33.56 1.78 -1.06	38.93 1.95 -0.13	43.34 2.30 -3.28	45.27 2.49 -5.06	49.78 2.40 -13.63	57.20 2.43 -20.07	58.88 2.63 -18.17	60.99 2.87 -19.92	64.06 3.22 -18.48	64.85 3.49 -16.00	68.58 3.90 -13.28	83.34 4.37 -20.78	113.03 5.01 -40.26	104.78 5.80 -18.41	101.52 6.83 -12.42	87.04 6.00 -0.01	64.48 3.71 0.00	55.13 3.61 0.00	51.66 3.21 -4.51

KENSICO____ 23655	35.78 1.57 0.00	31.99 1.78 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.01 1.29 0.00	38.28 1.44 0.00	39.54 1.77 0.00	39.68 1.96 0.00	35.71 1.96 0.00	36.76 2.05 0.00	40.30 2.21 0.00	40.68 2.48 0.00	45.17 2.80 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.39 4.19 0.00	72.50 4.74 0.00	86.05 5.48 0.00	88.86 6.58 0.00	86.79 5.75 0.00	64.12 3.34 0.00	54.67 3.14 0.00	46.66 2.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.78 1.57 0.00	31.90 1.69 0.00	27.12 1.34 0.00	28.40 1.33 0.00	28.70 1.21 0.00	31.89 1.17 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.49 1.77 0.00	35.37 1.62 0.00	36.41 1.70 0.00	39.99 1.90 0.00	40.42 2.22 0.00	44.95 2.58 0.00	48.27 2.90 0.00	55.10 3.70 0.00	62.68 4.48 0.00	73.11 5.35 0.00	86.85 6.28 0.00	89.76 7.49 0.00	87.60 6.56 0.00	64.84 4.07 0.00	55.03 3.50 0.00	46.88 2.94 0.00
KIAC_JFK_GT1 23816	35.89 1.68 0.00	32.14 1.93 0.00	27.37 1.60 0.00	28.62 1.54 0.00	28.89 1.40 0.00	32.05 1.32 0.00	38.35 1.51 0.00	39.76 2.00 0.00	40.00 2.26 -0.02	43.06 2.16 -7.15	56.42 2.22 -19.49	58.98 2.44 -18.46	62.79 2.71 -21.88	63.29 3.14 -17.79	65.75 3.18 -17.22	91.87 3.85 -36.62	130.03 4.42 -67.41	133.23 5.15 -60.32	128.20 6.04 -41.59	114.03 7.16 -24.60	87.35 6.32 0.00	64.48 3.71 0.00	57.29 3.61 -2.15	48.29 3.08 -1.28
KIAC_JFK_GT2 23817	35.89 1.68 0.00	32.14 1.93 0.00	27.37 1.60 0.00	28.62 1.54 0.00	28.89 1.40 0.00	32.05 1.32 0.00	38.35 1.51 0.00	39.76 2.00 0.00	40.00 2.26 -0.02	43.06 2.16 -7.15	56.42 2.22 -19.49	58.98 2.44 -18.46	62.79 2.71 -21.88	63.29 3.14 -17.79	65.75 3.18 -17.22	91.87 3.85 -36.62	130.03 4.42 -67.41	133.23 5.15 -60.32	128.20 6.04 -41.59	114.03 7.16 -24.60	87.35 6.32 0.00	64.48 3.71 0.00	57.29 3.61 -2.15	48.29 3.08 -1.28
KIAC_JFK____ 323774	35.99 1.78 0.00	32.17 1.96 0.00	27.35 1.57 0.00	28.70 1.62 0.00	28.97 1.48 0.00	32.14 1.41 0.00	38.32 1.48 0.00	39.76 2.00 0.00	39.99 2.26 -0.02	43.06 2.16 -7.15	56.42 2.22 -19.49	58.99 2.44 -18.46	62.79 2.71 -21.88	63.33 3.18 -17.79	65.85 3.27 -17.22	91.87 3.86 -36.62	130.15 4.54 -67.41	133.37 5.29 -60.32	128.28 6.12 -41.59	114.11 7.24 -24.60	87.44 6.40 -0.01	64.67 3.89 -0.01	57.28 3.61 -2.15	48.29 3.07 -1.28
KINTIGH_24_KV_GSU 356498	31.12 -3.08 0.01	26.09 -3.29 0.83	22.81 -2.81 0.16	22.70 -2.98 1.40	22.80 -2.94 1.74	23.83 -3.20 3.70	28.18 -3.57 5.09	29.22 -3.36 5.18	29.70 -3.39 4.63	29.52 -3.17 1.06	31.16 -3.05 0.49	32.93 -3.24 1.93	32.89 -3.36 1.95	34.57 -3.64 4.16	36.04 -4.04 5.28	39.56 -4.47 7.37	43.70 -4.66 9.84	50.24 -5.01 12.50	61.54 -5.80 13.22	69.20 -6.75 6.33	66.47 -6.89 7.67	46.67 -5.95 8.15	40.94 -4.95 5.63	36.53 -4.57 2.83
KINTIGH____ 23543	31.08 -3.11 0.01	26.02 -3.35 0.83	22.78 -2.84 0.16	22.72 -2.95 1.40	22.83 -2.91 1.74	23.83 -3.20 3.70	28.18 -3.57 5.09	29.22 -3.36 5.18	29.70 -3.39 4.63	29.52 -3.17 1.06	31.16 -3.05 0.49	32.93 -3.24 1.93	32.93 -3.32 1.95	34.74 -3.47 4.16	36.63 -3.45 5.28	39.67 -4.37 7.36	43.89 -4.48 9.83	50.33 -4.95 12.48	61.15 -6.20 13.21	68.73 -6.91 6.63	65.86 -7.13 8.04	46.10 -6.02 8.66	40.03 -5.51 5.98	36.22 -4.61 3.11
KNTFSRNC_46_KV_46KV_LOAD 80397	34.35 0.14 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.99 -0.08 0.00	27.49 0.00 0.00	30.88 0.15 0.00	37.28 0.44 0.00	38.25 0.49 0.00	38.24 0.53 0.00	34.19 0.44 0.00	35.02 0.31 0.00	38.55 0.46 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.68 0.32 0.00	51.76 0.36 0.00	58.60 0.41 0.00	68.16 0.41 0.00	81.05 0.48 0.00	82.36 0.08 0.00	81.60 0.57 0.00	61.14 0.36 0.00	51.68 0.15 0.00	44.20 0.26 0.00
LACHUTE____HYDRO 323717	37.36 3.15 0.00	33.25 3.05 0.00	28.51 2.73 0.00	29.84 2.76 0.00	30.24 2.75 0.00	33.74 3.01 0.00	40.16 3.32 0.00	40.63 2.87 0.00	40.06 2.34 0.00	35.74 1.99 0.00	36.79 2.08 0.00	40.60 2.51 0.00	40.87 2.67 0.00	45.59 3.22 0.00	48.81 3.45 0.00	55.46 4.06 0.00	63.44 5.24 0.00	74.73 6.98 0.00	89.59 9.02 0.00	93.31 11.03 0.00	91.24 10.21 0.00	68.18 7.41 0.00	57.35 5.82 0.00	48.51 4.57 0.00
LAWRNCV_115KV_TB1 80681	33.83 -0.38 0.00	29.72 -0.48 0.00	25.36 -0.41 0.00	26.67 -0.41 0.00	27.13 -0.36 0.00	30.48 -0.25 0.00	36.77 -0.07 0.00	37.65 -0.11 0.00	37.57 -0.15 0.00	33.55 -0.20 0.00	34.40 -0.31 0.00	37.86 -0.23 0.00	38.01 -0.19 0.00	41.95 -0.42 0.00	44.77 -0.59 0.00	50.47 -0.93 0.00	56.86 -1.34 0.00	66.06 -1.69 0.00	78.71 -1.85 0.00	80.30 -1.97 0.00	79.74 -1.30 0.00	59.98 -0.79 0.00	50.75 -0.77 0.00	43.59 -0.35 0.00
LEDERLE____ 23769	35.75 1.54 0.00	31.93 1.72 0.00	27.17 1.39 0.00	28.45 1.38 0.00	28.75 1.26 0.00	31.95 1.23 0.00	38.20 1.36 0.00	39.46 1.70 0.00	39.56 1.85 0.00	35.57 1.82 0.00	36.62 1.91 0.00	40.18 2.09 0.00	40.61 2.41 0.00	45.12 2.75 0.00	48.40 3.04 0.00	55.10 3.70 0.00	62.39 4.19 0.00	72.50 4.74 0.00	85.97 5.40 0.00	88.78 6.50 0.00	86.62 5.59 0.00	64.12 3.34 0.00	54.62 3.09 0.00	46.57 2.64 0.00
LIGHTHSE_115KV_TB6 355974	33.80 -0.41 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.45 -0.28 0.00	36.66 -0.18 0.00	37.42 -0.34 0.00	37.26 -0.45 0.00	33.14 -0.61 0.00	34.12 -0.59 0.00	37.48 -0.61 0.00	37.59 -0.69 -0.07	43.24 -0.76 -1.63	45.85 -0.86 -1.35	52.50 -1.03 -2.13	58.92 -0.93 -1.65	69.08 -0.75 -2.07	82.88 -0.56 -2.87	83.93 0.08 -1.57	84.13 0.24 -2.85	61.63 0.00 -0.85	51.96 -0.26 -0.69	45.23 -0.26 -1.55
LINDEN COGEN____ 23786	35.89 1.68 0.00	32.14 1.93 0.00	27.30 1.52 0.00	28.67 1.60 0.00	28.95 1.46 0.00	32.11 1.38 0.00	38.24 1.40 0.00	39.61 1.85 0.00	39.81 2.07 -0.02	42.96 2.06 -7.15	56.35 2.15 -19.49	58.87 2.32 -18.46	60.38 2.56 -19.62	61.38 2.92 -16.09	63.84 3.22 -15.26	86.88 3.75 -31.73	101.50 4.31 -39.00	111.62 4.94 -38.93	116.15 5.72 -29.87	105.82 6.75 -16.79	85.04 5.84 1.83	62.60 3.58 1.76	56.93 3.25 -2.15	48.07 2.85 -1.28
LINDHRST_69_KV_BK1 356055	42.44 2.77 -5.46	36.14 2.87 -3.06	31.17 2.42 -2.97	29.56 2.41 -0.08	29.69 2.20 0.00	33.03 2.30 0.00	39.74 2.80 -0.10	43.32 3.21 -2.34	44.62 3.28 -3.62	46.58 3.07 -9.76	52.09 3.02 -14.36	54.22 3.12 -13.00	55.78 3.32 -14.26	59.19 3.60 -13.22	60.67 3.86 -11.45	63.66 4.57 -7.69	78.31 5.24 -14.87	103.03 6.03 -29.25	102.07 7.09 -14.41	100.46 8.31 -9.87	89.08 7.46 -0.59	65.51 4.50 -0.24	55.65 4.12 0.00	51.12 3.95 -3.23
LIPA_MISC_IPP 23656	41.43 2.46 -4.75	35.62 2.75 -2.67	30.69 2.32 -2.59	29.47 2.33 -0.07	29.61 2.12 0.00	32.97 2.24 0.00	39.69 2.76 -0.08	43.01 3.21 -2.04	43.96 3.09 -3.15	45.08 2.83 -8.50	49.75 2.53 -12.51	51.66 2.25 -11.33	53.03 2.41 -12.42	56.56 2.67 -11.52	58.15 2.81 -9.97	61.01 3.60 -6.02	75.10 3.96 -12.94	100.38 4.67 -27.95	105.74 5.56 -19.62	103.51 6.99 -14.24	90.97 6.08 -3.86	65.98 3.65 -1.56	54.98 3.45 0.00	50.05 3.30 -2.81

LISF__SOLAR 323691	41.57 2.60 -4.76	35.71 2.84 -2.67	30.74 2.37 -2.59	29.61 2.46 -0.07	29.82 2.34 0.00	33.93 2.55 -0.66	39.76 2.84 -0.08	43.09 3.28 -2.05	44.04 3.17 -3.16	45.16 2.90 -8.51	49.81 2.57 -12.53	51.72 2.29 -11.34	53.09 2.45 -12.44	56.66 2.75 -11.53	58.34 2.99 -9.99	61.08 3.65 -6.04	75.35 4.19 -12.96	100.84 5.08 -28.00	106.19 5.96 -19.67	104.04 7.49 -14.28	91.55 6.65 -3.87	66.96 4.62 -1.57	55.49 3.97 0.00	50.14 3.38 -2.82
LITTLE FALLS__HYD 24013	35.03 0.82 0.00	31.05 0.85 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.62 0.91 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.05 0.68 0.00	46.00 0.64 0.00	52.01 0.62 0.00	58.90 0.70 0.00	68.57 0.81 0.00	81.78 1.21 0.00	84.17 1.89 0.00	82.98 1.94 0.00	62.11 1.34 0.00	52.92 1.39 0.00	45.17 1.23 0.00
LITTLRIV_115KV_TB1 356100	34.14 -0.07 0.00	29.99 -0.21 0.00	25.59 -0.18 0.00	26.91 -0.16 0.00	27.35 -0.14 0.00	30.79 0.06 0.00	37.10 0.26 0.00	37.91 0.15 0.00	37.75 0.04 0.00	33.68 -0.07 0.00	34.47 -0.24 0.00	37.94 -0.15 0.00	38.09 -0.11 0.00	42.03 -0.34 0.00	44.91 -0.45 0.00	50.63 -0.77 0.00	57.09 -1.11 0.00	66.40 -1.36 0.00	79.44 -1.13 0.00	81.29 -0.99 0.00	80.79 -0.24 0.00	60.83 0.06 0.00	51.32 -0.21 0.00	44.11 0.18 0.00
LI_NEWBRDGE__DRP 323616	40.62 1.95 -4.46	34.82 2.11 -2.50	29.99 1.78 -2.43	28.90 1.76 -0.07	29.08 1.59 0.00	32.32 1.60 0.00	38.80 1.88 -0.08	41.94 2.27 -1.92	43.02 2.34 -2.96	43.96 2.23 -7.98	48.61 2.15 -11.75	50.93 2.21 -10.64	52.23 2.37 -11.66	55.64 2.46 -10.82	57.36 2.63 -9.36	59.80 3.08 -5.32	74.03 3.67 -12.17	95.52 4.20 -23.57	96.26 4.91 -10.78	95.63 6.09 -7.27	86.39 5.35 -0.01	63.75 2.98 0.00	54.31 2.78 0.00	49.44 2.86 -2.64
LOCKPORT_115KV_TB60_63_64 80432	30.36 -3.83 0.02	25.56 -3.53 1.11	22.57 -2.99 0.22	22.10 -3.11 1.86	22.12 -3.05 2.32	22.51 -3.32 4.89	26.39 -3.72 6.73	27.45 -3.44 6.87	28.28 -3.36 6.08	29.01 -3.34 1.40	30.82 -3.23 0.66	32.31 -3.24 2.54	32.27 -3.36 2.56	33.48 -3.43 5.46	35.32 -3.40 6.64	37.53 -4.73 9.14	41.49 -4.83 11.88	47.49 -5.35 14.91	57.71 -6.85 16.01	67.52 -7.32 7.43	64.57 -7.46 9.00	44.38 -6.26 10.14	38.88 -5.67 6.98	35.31 -4.66 3.97
LOCKPORT__CC1 323769	30.46 -3.73 0.02	25.52 -3.50 1.18	22.58 -2.96 0.23	21.98 -3.11 1.98	21.97 -3.05 2.47	22.19 -3.32 5.22	25.95 -3.72 7.17	27.04 -3.44 7.28	27.85 -3.39 6.47	28.92 -3.34 1.49	30.78 -3.23 0.70	32.11 -3.28 2.70	32.03 -3.44 2.73	32.91 -3.64 5.81	34.18 -4.17 7.01	37.04 -4.78 9.58	40.76 -5.01 12.43	46.85 -5.35 15.55	57.65 -6.37 16.56	67.72 -7.32 7.24	64.97 -7.29 8.77	44.76 -6.20 9.81	39.82 -4.95 6.76	35.48 -4.66 3.80
LOCKPORT__CC2 323770	30.46 -3.73 0.02	25.52 -3.50 1.18	22.58 -2.96 0.23	21.98 -3.11 1.98	21.97 -3.05 2.47	22.19 -3.32 5.22	25.95 -3.72 7.17	27.04 -3.44 7.28	27.85 -3.39 6.47	28.92 -3.34 1.49	30.78 -3.23 0.70	32.11 -3.28 2.70	32.03 -3.44 2.73	32.91 -3.64 5.81	34.18 -4.17 7.01	37.04 -4.78 9.58	40.76 -5.01 12.43	46.85 -5.35 15.55	57.65 -6.37 16.56	67.72 -7.32 7.24	64.97 -7.29 8.77	44.76 -6.20 9.81	39.82 -4.95 6.76	35.48 -4.66 3.80
LOCKPORT__CC3 323771	30.46 -3.73 0.02	25.52 -3.50 1.18	22.58 -2.96 0.23	21.98 -3.11 1.98	21.97 -3.05 2.47	22.19 -3.32 5.22	25.95 -3.72 7.17	27.04 -3.44 7.28	27.85 -3.39 6.47	28.92 -3.34 1.49	30.78 -3.23 0.70	32.11 -3.28 2.70	32.03 -3.44 2.73	32.91 -3.64 5.81	34.18 -4.17 7.01	37.04 -4.78 9.58	40.76 -5.01 12.43	46.85 -5.35 15.55	57.65 -6.37 16.56	67.72 -7.32 7.24	64.97 -7.29 8.77	44.76 -6.20 9.81	39.82 -4.95 6.76	35.48 -4.66 3.80
LOCUSVLY_69_KV_BK2 55797	43.31 2.22 -6.88	36.45 2.39 -3.86	31.51 1.98 -3.75	29.18 2.00 -0.10	29.30 1.81 0.00	32.57 1.84 0.00	39.14 2.17 -0.12	43.28 2.57 -2.95	45.00 2.72 -4.56	48.61 2.56 -12.29	55.41 2.60 -18.10	57.22 2.74 -16.38	59.15 2.98 -17.97	62.25 3.22 -16.66	63.24 3.45 -14.43	66.77 4.01 -11.37	81.48 4.54 -18.74	108.93 5.22 -35.96	102.20 6.04 -15.59	99.82 7.16 -10.39	86.89 6.32 0.47	64.41 3.83 0.19	55.03 3.50 0.00	51.35 3.34 -4.07
LONG_LAKE_PHOENIX 24014	33.35 -0.86 0.00	29.39 -0.82 0.00	25.08 -0.70 0.00	26.34 -0.73 0.00	26.75 -0.74 0.00	29.93 -0.80 0.00	35.96 -0.88 0.00	36.78 -0.98 0.00	36.66 -1.06 0.00	32.77 -0.98 0.00	33.77 -0.94 0.00	37.06 -1.03 0.00	37.13 -1.18 -0.11	43.57 -1.27 -2.47	46.20 -1.32 -2.16	53.38 -1.54 -3.53	59.75 -1.63 -3.18	70.17 -1.76 -4.18	83.74 -1.93 -5.10	83.98 -1.81 -3.51	84.85 -1.86 -5.68	61.61 -1.58 -2.42	52.03 -1.34 -1.85	45.17 -1.27 -2.50
LOVETT__3 23632	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.35 1.59 0.00	39.45 1.73 0.00	35.50 1.75 0.00	36.55 1.84 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.17 2.81 0.00	54.79 3.39 0.00	61.98 3.78 0.00	72.02 4.27 0.00	85.40 4.83 0.00	88.20 5.92 0.00	86.14 5.11 0.00	63.69 2.92 0.00	54.36 2.83 0.00	46.36 2.42 0.00
LOVETT__4 23642	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.35 1.59 0.00	39.45 1.73 0.00	35.50 1.75 0.00	36.55 1.84 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.17 2.81 0.00	54.79 3.39 0.00	61.98 3.78 0.00	72.02 4.27 0.00	85.40 4.83 0.00	88.20 5.92 0.00	86.14 5.11 0.00	63.69 2.92 0.00	54.36 2.83 0.00	46.36 2.42 0.00
LOVETT__5 23593	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.35 1.59 0.00	39.45 1.73 0.00	35.50 1.75 0.00	36.55 1.84 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.17 2.81 0.00	54.79 3.39 0.00	61.98 3.78 0.00	72.02 4.27 0.00	85.40 4.83 0.00	88.20 5.92 0.00	86.14 5.11 0.00	63.69 2.92 0.00	54.36 2.83 0.00	46.36 2.42 0.00
LOWER RAQUET__HYD 24057	33.76 -0.45 0.00	29.69 -0.51 0.00	25.31 -0.46 0.00	26.64 -0.43 0.00	27.10 -0.38 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.57 -0.19 0.00	37.49 -0.22 0.00	33.48 -0.27 0.00	34.29 -0.41 0.00	37.75 -0.34 0.00	37.89 -0.31 0.00	41.82 -0.55 0.00	44.63 -0.73 0.00	50.27 -1.13 0.00	56.51 -1.69 0.00	65.58 -2.17 0.00	78.15 -2.41 0.00	79.89 -2.39 0.00	79.33 -1.71 0.00	59.68 -1.09 0.00	50.54 -0.98 0.00	43.50 -0.44 0.00
LOWER__HUDSON 24059	35.51 1.30 0.00	31.60 1.39 0.00	26.99 1.21 0.00	28.29 1.22 0.00	28.70 1.21 0.00	31.95 1.23 0.00	38.13 1.29 0.00	38.97 1.21 0.00	38.74 1.02 0.00	34.69 0.94 0.00	35.61 0.90 0.00	38.97 0.88 0.00	39.27 1.07 0.00	43.64 1.27 0.00	46.81 1.45 0.00	53.04 1.64 0.00	60.11 1.92 0.00	69.99 2.23 0.00	83.46 2.90 0.00	85.89 3.62 0.00	84.28 3.24 0.00	63.14 2.37 0.00	53.43 1.91 0.00	45.57 1.63 0.00

LOWVILLE_115KV_TB2 356335	33.80 -0.41 0.00	29.90 -0.30 0.00	25.57 -0.21 0.00	26.97 -0.11 0.00	27.46 -0.03 0.00	31.00 0.28 0.00	37.39 0.55 0.00	38.25 0.49 0.00	38.02 0.30 0.00	33.75 0.00 0.00	34.67 -0.03 0.00	38.13 0.04 0.00	38.30 0.08 -0.02	42.69 -0.17 -0.49	45.33 -0.41 -0.38	51.45 -0.51 -0.57	58.25 -0.29 -0.34	68.27 0.14 -0.38	81.98 0.73 -0.69	84.30 1.81 -0.22	83.85 2.27 -0.55	62.41 1.64 0.00	52.48 0.93 -0.02	45.20 0.83 -0.43
LUTHERFT_115KV_GLOB_FND_222 355753	35.89 1.68 0.00	31.90 1.69 0.00	27.27 1.49 0.00	28.59 1.52 0.00	28.97 1.48 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.27 1.51 0.00	39.00 1.28 0.00	34.86 1.11 0.00	35.79 1.08 0.00	39.31 1.22 0.00	39.54 1.34 0.00	43.94 1.57 0.00	47.04 1.68 0.00	53.45 2.06 0.00	60.76 2.56 0.00	71.00 3.25 0.00	84.76 4.19 0.00	87.54 5.27 0.00	85.81 4.78 0.00	64.24 3.46 0.00	54.41 2.89 0.00	46.22 2.28 0.00
LUTHERNY_35_KV_BK2 355980	35.92 1.71 0.00	31.93 1.72 0.00	27.27 1.49 0.00	28.59 1.52 0.00	28.97 1.48 0.00	32.32 1.60 0.00	38.54 1.69 0.00	39.31 1.55 0.00	39.00 1.28 0.00	34.86 1.11 0.00	35.82 1.11 0.00	39.31 1.22 0.00	39.58 1.38 0.00	43.94 1.57 0.00	47.09 1.72 0.00	53.50 2.11 0.00	60.82 2.62 0.00	71.07 3.32 0.00	84.84 4.27 0.00	87.62 5.35 0.00	85.89 4.86 0.00	64.30 3.52 0.00	54.46 2.94 0.00	46.27 2.33 0.00
LWR__OSWEGATCHIE_HYD 23850	33.73 -0.48 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.72 -0.35 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.79 -0.30 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.32 -1.16 -0.29	66.92 -1.15 -0.32	80.18 -0.97 -0.58	82.13 -0.33 -0.18	81.73 0.24 -0.46	61.02 0.24 0.00	51.44 -0.10 -0.02	44.43 0.13 -0.36
LYONS_FALL_HYD 23570	34.11 -0.10 0.00	30.20 0.00 0.00	25.80 0.03 0.00	27.16 0.08 0.00	27.60 0.11 0.00	31.06 0.34 0.00	37.36 0.52 0.00	38.25 0.49 0.00	38.05 0.34 0.00	33.85 0.10 0.00	34.78 0.07 0.00	38.20 0.11 0.00	38.37 0.15 -0.02	42.77 0.04 -0.36	45.50 -0.14 -0.28	51.66 -0.15 -0.42	58.57 0.12 -0.25	68.58 0.54 -0.28	82.20 1.13 -0.51	84.41 1.97 -0.16	83.62 2.19 -0.40	62.35 1.58 0.00	52.47 0.93 -0.02	45.09 0.83 -0.32
MADISON__COUNTY_LFGE 323628	34.62 0.41 0.00	30.63 0.42 0.00	26.14 0.36 0.00	27.45 0.38 0.00	27.85 0.36 0.00	31.19 0.46 0.00	37.47 0.63 0.00	38.29 0.53 0.00	38.13 0.41 0.00	33.95 0.20 0.00	34.95 0.24 0.00	38.36 0.27 0.00	38.52 0.31 -0.02	43.12 0.34 -0.41	45.96 0.36 -0.24	52.09 0.41 -0.29	58.81 0.76 0.14	68.63 1.22 0.34	82.44 1.77 -0.10	84.13 2.39 0.53	83.06 2.43 0.41	61.70 1.64 0.71	52.12 1.08 0.49	45.08 0.88 -0.26
MALONE__115KV_TB1 356076	34.07 -0.14 0.00	29.87 -0.33 0.00	25.49 -0.28 0.00	26.80 -0.27 0.00	27.30 -0.19 0.00	30.66 -0.06 0.00	37.03 0.18 0.00	37.99 0.23 0.00	38.06 0.34 0.00	34.02 0.27 0.00	34.85 0.14 0.00	38.39 0.30 0.00	38.51 0.31 0.00	42.50 0.13 0.00	45.41 0.05 0.00	51.35 -0.05 0.00	58.02 -0.17 0.00	67.48 -0.27 0.00	80.33 -0.24 0.00	81.78 -0.49 0.00	81.11 0.08 0.00	60.77 0.00 0.00	51.37 -0.15 0.00	44.03 0.09 0.00
MAPLEWOD_115KV_TB3 80458	35.30 1.09 0.00	31.47 1.27 0.00	26.91 1.13 0.00	28.18 1.11 0.00	28.56 1.07 0.00	31.83 1.11 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.55 0.83 0.00	34.53 0.78 0.00	35.44 0.73 0.00	38.85 0.76 0.00	39.16 0.96 0.00	43.43 1.06 0.00	46.50 1.13 0.00	52.68 1.28 0.00	59.71 1.51 0.00	69.51 1.76 0.00	82.90 2.34 0.00	85.40 3.13 0.00	83.79 2.76 0.00	62.60 1.82 0.00	53.17 1.65 0.00	45.26 1.32 0.00
MAPLE_RIDGE_WT_1 323574	33.60 -0.61 0.00	29.63 -0.57 0.00	25.34 -0.44 0.00	26.67 -0.41 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.51 -0.33 0.00	37.50 -0.26 0.00	37.53 -0.19 0.00	33.62 -0.13 0.00	34.57 -0.14 0.00	37.90 -0.19 0.00	37.97 -0.23 0.00	42.03 -0.34 0.00	44.95 -0.41 0.00	50.83 -0.56 0.00	57.50 -0.70 0.00	67.01 -0.74 0.00	79.76 -0.81 0.00	81.45 -0.82 0.00	80.14 -0.89 0.00	60.11 -0.67 0.00	50.85 -0.67 0.00	43.37 -0.57 0.00
MAPLE_RIDGE_WT_2 323611	33.60 -0.61 0.00	29.63 -0.57 0.00	25.34 -0.44 0.00	26.67 -0.41 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.51 -0.33 0.00	37.50 -0.26 0.00	37.53 -0.19 0.00	33.62 -0.13 0.00	34.57 -0.14 0.00	37.90 -0.19 0.00	37.97 -0.23 0.00	42.03 -0.34 0.00	44.95 -0.41 0.00	50.83 -0.56 0.00	57.50 -0.70 0.00	67.01 -0.74 0.00	79.76 -0.81 0.00	81.45 -0.82 0.00	80.14 -0.89 0.00	60.11 -0.67 0.00	50.85 -0.67 0.00	43.37 -0.57 0.00
MARBLE_RIVER_WT_PWR 323696	33.80 -0.41 0.00	29.72 -0.48 0.00	25.36 -0.41 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.33 -0.04 0.00	45.23 -0.14 0.00	51.19 -0.20 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.44 -1.13 0.00	80.71 -1.57 0.00	79.82 -1.21 0.00	60.05 -0.73 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
MARSHVLE_115KV_TB1 80742	35.78 1.57 0.00	31.78 1.57 0.00	27.14 1.37 0.00	28.45 1.38 0.00	28.86 1.37 0.00	32.20 1.47 0.00	38.32 1.47 0.00	38.52 0.76 0.00	38.02 0.30 0.00	33.82 0.07 0.00	34.71 0.00 0.00	38.17 0.08 0.00	38.35 0.15 0.00	42.62 0.25 0.00	45.54 0.18 0.00	51.81 0.41 0.00	59.24 1.05 0.00	69.51 1.76 0.00	84.19 3.63 0.00	87.87 5.59 0.00	86.71 5.67 0.00	64.60 3.83 0.00	54.72 3.19 0.00	46.40 2.46 0.00
MARSH_HILL_WT_PWR 323713	33.11 -1.20 -0.10	34.97 -1.12 -5.88	25.91 -0.98 -1.12	35.93 -1.06 -9.91	38.82 -1.02 -12.35	55.81 -1.08 -26.16	71.92 -0.92 -35.99	73.30 -1.10 -36.64	67.76 -1.24 -31.29	39.46 -1.45 -7.16	36.83 -1.25 -3.36	49.72 -1.41 -13.04	49.97 -1.41 -13.19	69.26 -1.61 -28.50	75.30 -2.04 -31.98	90.86 -2.16 -41.62	105.39 -1.92 -49.11	124.48 -1.43 -58.16	149.04 -0.88 -69.36	95.07 -0.74 -13.53	96.97 -0.73 -16.67	83.52 -1.03 -23.78	66.59 -0.93 -15.99	55.71 -1.62 -13.40
MCINTYRE_115KV_TB2 80467	34.38 0.17 0.00	30.20 0.00 0.00	25.78 0.00 0.00	27.07 0.00 0.00	27.54 0.05 0.00	30.97 0.25 0.00	37.32 0.48 0.00	38.10 0.34 0.00	37.90 0.19 0.00	33.82 0.07 0.00	34.61 -0.10 0.00	38.09 0.00 0.00	38.24 0.04 0.00	42.20 -0.17 0.00	45.04 -0.32 0.00	50.93 -0.46 0.00	57.44 -0.76 0.00	66.87 -0.88 0.00	80.08 -0.48 0.00	82.03 -0.25 0.00	81.60 0.57 0.00	61.44 0.67 0.00	51.73 0.21 0.00	44.47 0.53 0.00
MECO____69_KV_BK1 80468	36.19 1.98 0.00	32.17 1.96 0.00	27.50 1.73 0.00	28.81 1.73 0.00	29.22 1.73 0.00	32.63 1.90 0.00	38.79 1.95 0.00	39.01 1.25 0.00	38.40 0.68 0.00	34.09 0.34 0.00	34.92 0.21 0.00	38.39 0.30 0.00	38.62 0.42 0.00	42.88 0.51 0.00	45.91 0.54 0.00	52.32 0.93 0.00	59.88 1.69 0.00	70.60 2.85 0.00	85.64 5.08 0.00	89.44 7.16 0.00	88.00 6.97 0.00	65.57 4.80 0.00	55.44 3.92 0.00	46.93 2.99 0.00

MENANDS___115KV_TB5 355628	35.13 0.92 0.00	31.38 1.18 0.00	26.81 1.03 0.00	28.10 1.03 0.00	28.48 0.99 0.00	31.71 0.98 0.00	37.69 0.85 0.00	38.55 0.79 0.00	38.40 0.68 0.00	34.39 0.64 0.00	35.33 0.62 0.00	38.74 0.65 0.00	39.00 0.80 0.00	43.30 0.93 0.00	46.31 0.95 0.00	52.48 1.08 0.00	59.36 1.16 0.00	69.04 1.29 0.00	82.34 1.77 0.00	84.83 2.55 0.00	83.14 2.11 0.00	62.17 1.40 0.00	52.81 1.29 0.00	44.99 1.05 0.00
MG INDUSTRY___DRP 24185	35.13 0.92 0.00	31.32 1.12 0.00	26.75 0.98 0.00	28.05 0.97 0.00	28.42 0.93 0.00	31.65 0.92 0.00	37.62 0.77 0.00	38.40 0.64 0.00	38.17 0.45 0.00	34.15 0.40 0.00	35.09 0.38 0.00	38.47 0.38 0.00	38.70 0.50 0.00	42.96 0.59 0.00	45.95 0.59 0.00	51.96 0.57 0.00	57.79 -0.41 0.00	67.35 -0.41 0.00	80.49 -0.08 0.00	83.02 0.74 0.00	81.52 0.49 0.00	60.96 0.18 0.00	51.78 0.26 0.00	44.11 0.18 0.00
MID___OSWEGATCHIE_HYD 23849	33.73 -0.48 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.72 -0.35 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.79 -0.30 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.32 -1.16 -0.29	66.92 -1.15 -0.32	80.18 -0.97 -0.58	82.13 -0.33 -0.18	81.73 0.24 -0.46	61.02 0.24 0.00	51.44 -0.10 -0.02	44.43 0.13 -0.36
MID___RAQUETTE_HYD 23851	33.77 -0.44 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.61 -0.46 0.00	27.08 -0.41 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.57 -0.19 0.00	37.49 -0.23 0.00	33.48 -0.27 0.00	34.29 -0.42 0.00	37.75 -0.34 0.00	37.89 -0.31 0.00	41.82 -0.55 0.00	44.64 -0.73 0.00	50.27 -1.13 0.00	56.63 -1.57 0.00	65.72 -2.03 0.00	78.39 -2.18 0.00	80.06 -2.22 0.00	79.49 -1.54 0.00	59.80 -0.97 0.00	50.60 -0.93 0.00	43.50 -0.44 0.00
MILLIKEN___1 23584	34.39 0.17 -0.01	30.85 0.15 -0.49	26.00 0.13 -0.09	28.04 0.14 -0.83	28.67 0.14 -1.04	33.11 0.18 -2.20	40.28 0.41 -3.03	41.15 0.30 -3.08	40.54 0.19 -2.63	34.32 -0.03 -0.60	35.03 0.03 -0.28	39.19 0.00 -1.10	39.35 0.00 -1.15	45.72 0.08 -3.27	48.84 0.14 -3.34	55.99 0.15 -4.44	63.24 0.52 -4.52	73.98 1.02 -5.21	88.94 1.53 -6.85	85.86 2.06 -1.52	85.36 1.94 -2.38	64.29 1.22 -2.30	53.92 0.82 -1.58	46.64 0.48 -2.22
MILLIKEN___2 23585	34.39 0.17 -0.01	30.85 0.15 -0.49	26.00 0.13 -0.09	28.04 0.14 -0.83	28.67 0.14 -1.04	33.11 0.18 -2.20	40.28 0.41 -3.03	41.15 0.30 -3.08	40.54 0.19 -2.63	34.32 -0.03 -0.60	35.03 0.03 -0.28	39.19 0.00 -1.10	39.35 0.00 -1.15	45.72 0.08 -3.27	48.84 0.14 -3.34	55.99 0.15 -4.44	63.24 0.52 -4.52	73.98 1.02 -5.21	88.94 1.53 -6.85	85.86 2.06 -1.52	85.36 1.94 -2.38	64.29 1.22 -2.30	53.92 0.82 -1.58	46.64 0.48 -2.22
MILLIKEN___DIESEL 23629	34.39 0.17 -0.01	30.85 0.15 -0.49	26.00 0.13 -0.09	28.04 0.14 -0.83	28.67 0.14 -1.04	33.11 0.18 -2.20	40.28 0.41 -3.03	41.15 0.30 -3.08	40.54 0.19 -2.63	34.32 -0.03 -0.60	35.03 0.03 -0.28	39.19 0.00 -1.10	39.35 0.00 -1.15	45.72 0.08 -3.27	48.84 0.14 -3.34	55.99 0.15 -4.44	63.24 0.52 -4.52	73.98 1.02 -5.21	88.94 1.53 -6.85	85.86 2.06 -1.52	85.36 1.94 -2.38	64.29 1.22 -2.30	53.92 0.82 -1.58	46.64 0.48 -2.22
MILLSEAT___LFGE 323607	31.18 -3.01 0.02	26.32 -2.93 0.96	23.09 -2.50 0.19	22.84 -2.63 1.61	22.96 -2.53 2.00	23.78 -2.70 4.24	28.06 -2.95 5.83	29.13 -2.68 5.95	29.80 -2.64 5.28	29.80 -2.73 1.21	31.60 -2.53 0.58	33.37 -2.52 2.21	33.26 -2.71 2.23	34.83 -2.80 4.74	36.35 -3.18 5.84	39.64 -3.70 8.05	43.92 -3.66 10.61	50.57 -3.79 13.39	62.05 -4.27 14.24	70.79 -4.93 6.55	68.23 -4.86 7.94	47.65 -4.50 8.63	41.85 -3.71 5.96	37.17 -3.60 3.17
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.75 1.54 0.00	31.93 1.72 0.00	27.19 1.42 0.00	28.48 1.41 0.00	28.78 1.29 0.00	31.98 1.26 0.00	38.20 1.36 0.00	39.46 1.70 0.00	39.60 1.89 0.00	35.61 1.86 0.00	36.65 1.94 0.00	40.18 2.09 0.00	40.57 2.37 0.00	45.08 2.71 0.00	48.31 2.95 0.00	54.94 3.55 0.00	62.21 4.02 0.00	72.29 4.54 0.00	85.89 5.32 0.00	88.69 6.42 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.56 3.04 0.00	46.53 2.59 0.00
MILLWOOD_13_KV_LOAD 356217	35.82 1.61 0.00	32.02 1.81 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.05 1.32 0.00	38.28 1.44 0.00	39.54 1.77 0.00	39.68 1.96 0.00	35.67 1.92 0.00	36.72 2.01 0.00	40.26 2.17 0.00	40.65 2.44 0.00	45.21 2.84 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.39 4.19 0.00	72.56 4.81 0.00	86.21 5.64 0.00	89.11 6.83 0.00	86.95 5.92 0.00	64.24 3.46 0.00	54.67 3.14 0.00	46.66 2.72 0.00
MODEL_CITY_ENERGY 24167	30.08 -4.11 0.02	25.33 -3.72 1.16	22.40 -3.15 0.23	21.82 -3.30 1.95	21.82 -3.24 2.42	22.07 -3.53 5.12	25.82 -3.98 7.04	26.83 -3.70 7.23	27.73 -3.62 6.36	28.64 -3.65 1.47	30.51 -3.50 0.70	31.89 -3.54 2.66	31.81 -3.70 2.69	32.66 -3.98 5.72	33.76 -4.54 7.06	36.37 -5.40 9.63	40.01 -5.70 12.49	45.91 -6.23 15.61	56.09 -7.41 17.06	66.91 -8.23 7.14	64.36 -8.02 8.65	44.32 -6.81 9.65	39.52 -5.36 6.65	35.26 -4.97 3.71
MODERN_LFGE___ 323580	30.08 -4.11 0.02	25.33 -3.72 1.16	22.40 -3.15 0.23	21.82 -3.30 1.95	21.82 -3.24 2.42	22.07 -3.53 5.12	25.82 -3.98 7.04	26.83 -3.70 7.23	27.73 -3.62 6.36	28.64 -3.65 1.47	30.51 -3.50 0.70	31.89 -3.54 2.66	31.81 -3.70 2.69	32.66 -3.98 5.72	33.76 -4.54 7.06	36.37 -5.40 9.63	40.01 -5.70 12.49	45.91 -6.23 15.61	56.09 -7.41 17.06	66.91 -8.23 7.14	64.36 -8.02 8.65	44.32 -6.81 9.65	39.52 -5.36 6.65	35.26 -4.97 3.71
MOHAWK_PAPER___DRP 24187	35.30 1.09 0.00	31.47 1.27 0.00	26.91 1.13 0.00	28.18 1.11 0.00	28.56 1.07 0.00	31.83 1.11 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.55 0.83 0.00	34.53 0.78 0.00	35.44 0.73 0.00	38.85 0.76 0.00	39.16 0.96 0.00	43.43 1.06 0.00	46.50 1.13 0.00	52.68 1.28 0.00	59.71 1.51 0.00	69.51 1.76 0.00	82.90 2.34 0.00	85.40 3.13 0.00	83.79 2.76 0.00	62.60 1.82 0.00	53.17 1.65 0.00	45.26 1.32 0.00
MOHICAN___35_KV_115KV_LD 80490	36.33 2.12 0.00	32.32 2.11 0.00	27.63 1.86 0.00	28.94 1.87 0.00	29.33 1.84 0.00	32.75 2.03 0.00	39.05 2.21 0.00	39.72 1.96 0.00	39.34 1.62 0.00	35.13 1.38 0.00	36.13 1.42 0.00	39.73 1.64 0.00	40.00 1.80 0.00	44.45 2.08 0.00	47.63 2.27 0.00	54.12 2.72 0.00	61.69 3.49 0.00	72.22 4.47 0.00	86.21 5.64 0.00	89.19 6.91 0.00	87.27 6.24 0.00	65.39 4.62 0.00	55.34 3.81 0.00	46.97 3.03 0.00
MONGAUP___HYD 23641	35.58 1.37 0.00	31.68 1.48 0.00	26.91 1.13 0.00	28.26 1.19 0.00	28.56 1.07 0.00	31.77 1.05 0.00	37.95 1.10 0.00	39.05 1.28 0.00	39.04 1.32 0.00	34.96 1.21 0.00	35.96 1.25 0.00	39.50 1.41 0.00	39.84 1.64 0.00	44.32 1.95 0.00	47.58 2.22 0.00	54.17 2.77 0.00	61.63 3.43 0.00	71.95 4.20 0.00	85.08 4.51 0.00	87.95 5.67 0.00	85.89 4.86 0.00	64.23 3.46 0.00	54.41 2.88 0.00	46.31 2.37 0.00

MONTAUK___DIESEL 23721	41.09 2.12 -4.76	35.35 2.48 -2.67	30.48 2.11 -2.59	29.26 2.11 -0.07	29.44 1.95 0.00	33.03 2.30 0.00	40.17 3.24 -0.08	43.77 3.96 -2.04	44.95 4.07 -3.16	46.03 3.78 -8.50	50.76 3.54 -12.51	52.62 3.20 -11.33	53.84 3.21 -12.43	57.41 3.52 -11.52	58.97 3.63 -9.98	62.00 4.57 -6.02	76.15 5.00 -12.95	101.48 5.76 -27.97	106.89 6.69 -19.64	104.68 8.15 -14.25	91.87 6.97 -3.86	66.59 4.25 -1.56	55.29 3.76 0.00	50.22 3.47 -2.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.55 -2.63 0.02	26.44 -2.33 1.44	23.40 -2.09 0.28	22.35 -2.30 2.42	22.20 -2.28 3.01	21.84 -2.52 6.36	25.40 -2.69 8.75	26.53 -2.27 8.96	27.78 -2.00 7.94	30.10 -1.82 1.82	32.18 -1.67 0.87	33.06 -1.71 3.31	33.14 -1.72 3.34	33.56 -1.69 7.11	36.76 -1.68 6.93	39.58 -2.31 9.50	43.82 -2.04 12.34	50.45 -1.83 15.47	61.27 -2.50 16.80	70.01 -3.95 8.32	66.57 -4.38 10.08	45.18 -3.77 11.82	39.28 -4.12 8.13	35.09 -3.87 4.98
MORRIS_RIDGE___SOLAR 323848	32.30 -1.81 0.10	22.73 -1.63 5.84	23.24 -1.42 1.12	15.72 -1.52 9.84	13.75 -1.48 12.25	3.21 -1.57 25.95	-0.48 -1.62 35.70	-0.34 -1.77 36.33	4.47 -1.96 31.28	24.53 -2.06 7.16	29.39 -1.94 3.37	22.95 -2.09 13.04	22.94 -2.10 13.16	12.23 -2.29 27.85	11.52 -2.72 31.12	7.49 -2.93 40.98	5.22 -2.91 50.07	4.80 -2.64 60.31	8.64 -2.58 69.35	55.90 -2.71 23.66	49.87 -2.60 28.57	20.22 -2.37 38.19	23.68 -1.96 25.89	22.95 -2.33 18.66
MORTIMER_115KV_TB3 55949	32.32 -1.88 0.00	27.75 -2.20 0.25	23.85 -1.88 0.05	24.68 -1.98 0.42	25.07 -1.90 0.52	27.59 -2.03 1.10	33.08 -2.25 1.52	34.14 -2.08 1.55	34.19 -2.07 1.46	31.43 -1.99 0.33	32.75 -1.80 0.16	35.62 -1.87 0.61	35.60 -1.99 0.61	39.15 -1.91 1.31	41.68 -1.81 1.87	46.07 -2.42 2.91	51.37 -2.33 4.49	59.12 -2.51 6.12	71.84 -3.06 5.67	74.33 -3.37 4.57	71.93 -3.57 5.53	52.23 -3.34 5.20	44.58 -3.30 3.65	39.84 -2.77 1.33
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.00 1.51 0.00	32.17 1.44 0.00	38.46 1.62 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.26 2.23 -7.29	56.86 2.29 -19.86	59.37 2.48 -18.80	63.24 2.75 -22.29	63.63 3.14 -18.12	66.31 3.40 -17.54	92.77 4.06 -37.31	131.48 4.60 -68.68	134.43 5.22 -61.46	129.07 6.12 -42.38	114.50 7.16 -25.06	87.35 6.32 0.00	64.60 3.83 0.00	57.28 3.56 -2.20	48.27 3.03 -1.30
MUNSVILLE_WIND_PWR 323609	35.59 1.37 -0.01	31.91 1.36 -0.34	27.00 1.16 -0.06	28.79 1.14 -0.58	29.34 1.13 -0.72	33.64 1.38 -1.53	40.79 1.84 -2.11	41.53 1.62 -2.14	40.87 1.36 -1.80	34.94 0.78 -0.41	35.63 0.73 -0.19	39.68 0.84 -0.75	39.94 0.96 -0.78	45.59 1.06 -2.17	48.67 1.09 -2.22	55.76 1.39 -2.97	63.62 2.44 -2.98	75.00 3.86 -3.39	90.52 5.40 -4.56	89.65 6.66 -0.71	88.89 6.65 -1.21	66.58 4.62 -1.19	55.58 3.25 -0.81	47.90 2.59 -1.37
N SALMON___HYD 24042	34.07 -0.14 0.00	29.90 -0.30 0.00	25.49 -0.28 0.00	26.86 -0.22 0.00	27.30 -0.19 0.00	30.66 -0.06 0.00	37.03 0.19 0.00	37.99 0.23 0.00	38.05 0.34 0.00	34.02 0.27 0.00	34.85 0.14 0.00	38.39 0.30 0.00	38.50 0.30 0.00	42.54 0.17 0.00	45.41 0.05 0.00	51.35 -0.05 0.00	57.79 -0.40 0.00	67.14 -0.61 0.00	79.92 -0.65 0.00	81.37 -0.90 0.00	80.71 -0.32 0.00	60.53 -0.24 0.00	51.37 -0.15 0.00	44.03 0.09 0.00
N.AKRON__115KV_KNAPP 355671	31.08 -3.11 0.02	26.16 -3.05 0.99	23.03 -2.55 0.19	22.75 -2.65 1.67	22.86 -2.56 2.07	23.57 -2.77 4.39	27.79 -3.02 6.03	28.85 -2.76 6.16	29.54 -2.72 5.46	29.73 -2.77 1.26	31.51 -2.60 0.59	33.26 -2.55 2.28	33.19 -2.71 2.30	34.80 -2.67 4.90	36.76 -2.59 6.02	39.37 -3.70 8.33	43.62 -3.67 10.91	50.06 -3.93 13.77	60.99 -4.91 14.66	69.96 -5.27 7.05	67.07 -5.43 8.54	46.56 -4.74 9.48	40.46 -4.53 6.53	36.59 -3.73 3.61
N.BELMOR_69_KV_BK1 55787	42.94 2.26 -6.47	36.22 2.39 -3.63	31.31 2.01 -3.53	29.17 2.00 -0.10	29.30 1.81 0.00	32.60 1.87 0.00	39.17 2.21 -0.11	43.11 2.57 -2.78	44.69 2.68 -4.29	47.89 2.56 -11.57	54.27 2.53 -17.03	56.18 2.67 -15.42	57.94 2.83 -16.91	61.10 3.05 -15.68	62.21 3.27 -13.58	65.37 3.91 -10.06	80.37 4.54 -17.64	107.14 5.22 -34.17	102.23 6.04 -15.62	100.06 7.24 -10.54	87.45 6.40 -0.01	64.54 3.77 0.00	54.98 3.45 0.00	51.11 3.34 -3.83
N.E._GEN_SANDY PD 24062	41.70 1.33 -6.16	35.00 1.48 -3.32	33.00 1.24 -5.99	33.00 1.27 -4.65	33.04 1.24 -4.31	33.90 1.23 -1.95	39.85 1.29 -1.72	39.05 1.28 0.00	38.92 1.21 0.00	34.93 1.18 0.00	35.82 1.11 0.00	39.12 1.03 0.00	39.50 1.30 0.00	43.89 1.52 0.00	47.13 1.77 0.00	53.40 2.00 0.00	60.41 2.21 0.00	72.10 2.44 -1.91	83.00 2.90 0.46	84.45 3.62 1.45	83.62 3.24 0.66	66.20 2.25 -3.18	51.71 1.91 1.72	44.81 1.67 0.80
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.65 1.44 0.00	31.84 1.63 0.00	27.12 1.34 0.00	28.40 1.33 0.00	28.70 1.21 0.00	31.89 1.17 0.00	38.13 1.29 0.00	39.35 1.59 0.00	39.45 1.73 0.00	35.50 1.75 0.00	36.55 1.84 0.00	40.11 2.02 0.00	40.49 2.29 0.00	45.00 2.63 0.00	48.27 2.90 0.00	54.89 3.50 0.00	62.15 3.96 0.00	72.22 4.47 0.00	85.72 5.16 0.00	88.45 6.17 0.00	86.38 5.35 0.00	63.87 3.10 0.00	54.46 2.94 0.00	46.44 2.50 0.00
N.QUEENS_27_KV_LOAD 356247	36.26 2.05 0.00	32.51 2.30 -0.01	27.72 1.93 -0.01	29.00 1.92 -0.01	29.30 1.81 0.00	32.48 1.75 -0.01	38.68 1.84 0.00	40.06 2.30 0.00	40.03 2.36 -0.02	43.32 2.46 -7.21	56.79 2.43 -19.65	59.30 2.59 -18.62	41.81 2.87 -0.75	63.53 3.22 -17.94	66.21 3.49 -17.36	92.45 4.11 -36.94	130.68 4.48 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.16 7.08 -24.81	87.52 6.48 0.00	65.03 4.25 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
N.TROY___115KV_TB1 355778	35.54 1.33 0.00	31.62 1.42 0.00	26.99 1.21 0.00	28.32 1.25 0.00	28.70 1.21 0.00	31.98 1.26 0.00	38.13 1.29 0.00	38.97 1.21 0.00	38.73 1.02 0.00	34.69 0.94 0.00	35.61 0.90 0.00	38.97 0.88 0.00	39.27 1.07 0.00	43.56 1.19 0.00	46.68 1.32 0.00	52.99 1.59 0.00	60.06 1.86 0.00	69.85 2.10 0.00	83.39 2.82 0.00	85.81 3.54 0.00	84.27 3.24 0.00	63.08 2.31 0.00	53.59 2.06 0.00	45.56 1.63 0.00
NARROWS_GT1_1 24228	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_2 24229	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30

NARROWS_GT1_3 24230	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_4 24231	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_5 24232	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_6 24233	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_7 24234	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT1_8 24235	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NARROWS_GT2_1 24236	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	134.03 5.42 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30

NCHELSEA_115KV_TR2 355582	35.85 1.64 0.00	31.99 1.78 0.00	27.19 1.42 0.00	28.51 1.43 0.00	28.81 1.32 0.00	32.01 1.29 0.00	38.28 1.44 0.00	39.46 1.70 0.00	39.53 1.81 0.00	35.44 1.69 0.00	36.48 1.77 0.00	40.03 1.94 0.00	40.42 2.22 0.00	45.00 2.63 0.00	48.27 2.90 0.00	55.05 3.65 0.00	62.45 4.25 0.00	72.70 4.95 0.00	86.37 5.80 0.00	89.19 6.91 0.00	87.03 6.00 0.00	64.48 3.71 0.00	54.82 3.30 0.00	46.71 2.77 0.00
NEG CAPITAL___MECHNVIL 23645	35.92 1.71 0.00	31.93 1.72 0.00	27.30 1.52 0.00	28.62 1.54 0.00	29.00 1.51 0.00	32.32 1.60 0.00	38.57 1.73 0.00	39.35 1.59 0.00	39.04 1.32 0.00	34.93 1.18 0.00	35.89 1.18 0.00	39.39 1.30 0.00	39.65 1.45 0.00	44.11 1.74 0.00	47.31 1.95 0.00	53.66 2.26 0.00	60.99 2.79 0.00	71.27 3.52 0.00	85.08 4.51 0.00	87.79 5.51 0.00	85.98 4.94 0.00	64.36 3.58 0.00	54.41 2.88 0.00	46.27 2.33 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.12 -2.09 0.00	27.69 -2.30 0.22	23.72 -2.01 0.04	24.59 -2.11 0.37	24.99 -2.03 0.47	27.55 -2.18 0.99	33.05 -2.43 1.36	34.03 -2.34 1.39	34.05 -2.37 1.29	31.23 -2.23 0.30	32.49 -2.08 0.14	35.34 -2.21 0.54	35.32 -2.33 0.54	38.75 -2.46 1.16	41.02 -2.63 1.71	45.87 -2.88 2.65	51.19 -2.91 4.10	59.05 -3.12 5.58	72.00 -3.38 5.19	74.36 -3.87 4.05	72.16 -3.97 4.90	52.65 -3.59 4.54	45.19 -3.14 3.19	39.85 -2.99 1.10
NEG CENTRAL___DRP 24199	34.30 0.07 -0.02	31.26 0.00 -1.06	25.98 0.00 -0.20	28.86 0.00 -1.78	29.76 0.05 -2.22	35.55 0.12 -4.70	43.76 0.44 -6.47	44.69 0.34 -6.59	43.51 0.19 -5.61	34.96 -0.07 -1.28	35.38 0.07 -0.60	40.50 0.08 -2.34	40.69 0.08 -2.41	48.79 0.21 -6.21	52.31 0.32 -6.63	60.46 0.21 -8.86	68.64 0.64 -9.80	80.67 1.29 -11.63	96.68 1.85 -14.26	88.58 2.14 -4.17	88.80 2.03 -5.74	68.13 1.22 -6.14	56.50 0.77 -4.20	48.51 0.35 -4.22
NEG CENTRAL___INDECK 23768	33.50 -0.79 -0.08	33.93 -1.09 -4.81	25.71 -0.98 -0.91	34.15 -1.03 -8.11	36.68 -0.91 -10.09	51.25 -0.86 -21.38	65.53 -0.74 -29.42	66.80 -0.91 -29.95	62.03 -1.21 -25.53	38.10 -1.48 -5.84	36.07 -1.39 -2.74	47.28 -1.45 -10.64	47.41 -1.53 -10.74	63.73 -1.57 -22.93	67.79 -3.27 -25.70	81.08 -3.55 -33.23	93.59 -3.73 -39.12	110.39 -3.45 -46.09	132.96 -2.90 -55.29	92.36 -2.55 -12.64	94.03 -2.35 -15.35	81.75 -2.13 -23.10	66.76 -0.26 -15.49	56.05 -0.88 -12.99
NEG CENTRAL___SENECA 23627	34.58 0.34 -0.03	32.19 0.27 -1.71	26.33 0.23 -0.33	30.23 0.27 -2.88	31.41 0.33 -3.59	38.77 0.43 -7.61	48.24 0.92 -10.47	49.21 0.79 -10.66	47.41 0.60 -9.09	36.07 0.24 -2.08	36.07 0.38 -0.98	42.30 0.42 -3.79	42.53 0.46 -3.87	52.19 0.68 -9.14	56.19 0.86 -9.96	65.25 0.77 -13.08	74.41 1.40 -14.81	87.52 2.30 -17.47	105.12 3.22 -21.33	91.53 3.62 -5.63	91.92 3.48 -7.41	72.26 2.25 -9.24	59.33 1.55 -6.26	50.78 0.92 -5.91
NEG CENTRAL___STATE_STREET 24147	34.01 -0.21 -0.01	30.28 -0.27 -0.34	25.61 -0.23 -0.07	27.41 -0.24 -0.58	28.02 -0.19 -0.72	32.07 -0.18 -1.53	38.91 -0.04 -2.10	39.82 -0.08 -2.14	39.33 -0.19 -1.80	33.86 -0.30 -0.41	34.66 -0.24 -0.19	38.57 -0.27 -0.75	38.67 -0.34 -0.81	44.96 -0.25 -2.84	47.94 -0.18 -2.76	54.90 -0.31 -3.81	61.85 -0.06 -3.71	72.39 0.27 -4.37	86.86 0.56 -5.73	84.82 0.82 -1.72	84.48 0.65 -2.80	63.00 0.24 -1.98	52.92 0.00 -1.40	45.83 -0.22 -2.11
NEG MILLWOOD___DRP 24198	36.02 1.81 0.00	32.14 1.93 0.00	27.32 1.55 0.00	28.64 1.57 0.00	28.95 1.46 0.00	32.17 1.44 0.00	38.46 1.62 0.00	39.65 1.89 0.00	39.75 2.04 0.00	35.67 1.92 0.00	36.79 2.08 0.00	40.34 2.25 0.00	40.68 2.48 0.00	45.38 3.01 0.00	48.67 3.31 0.00	55.41 4.01 0.00	62.85 4.66 0.00	73.24 5.49 0.00	87.09 6.53 0.00	90.09 7.82 0.00	87.84 6.81 0.00	64.91 4.13 0.00	55.03 3.50 0.00	46.97 3.03 0.00
NEG NORTH_FLCN_SEA 23793	34.11 -0.10 0.00	29.93 -0.27 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.38 -0.11 0.00	30.72 0.00 0.00	37.06 0.22 0.00	38.06 0.30 0.00	38.13 0.41 0.00	34.12 0.37 0.00	35.02 0.31 0.00	38.51 0.42 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.63 0.27 0.00	51.71 0.31 0.00	58.43 0.23 0.00	68.09 0.34 0.00	80.89 0.32 0.00	82.19 -0.08 0.00	81.36 0.32 0.00	61.02 0.24 0.00	51.63 0.10 0.00	44.16 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	33.87 -0.34 0.00	29.72 -0.48 0.00	25.39 -0.39 0.00	26.69 -0.38 0.00	27.16 -0.33 0.00	30.51 -0.22 0.00	36.73 -0.11 0.00	37.69 -0.08 0.00	37.75 0.04 0.00	33.75 0.00 0.00	34.64 -0.07 0.00	38.09 0.00 0.00	38.20 0.00 0.00	42.24 -0.13 0.00	45.14 -0.23 0.00	51.09 -0.31 0.00	57.73 -0.47 0.00	67.21 -0.54 0.00	80.00 -0.56 0.00	81.21 -1.07 0.00	80.38 -0.65 0.00	60.41 -0.36 0.00	51.11 -0.41 0.00	43.81 -0.13 0.00
NEG NORTH___ALICE_FALLS 23915	34.35 0.14 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.99 -0.08 0.00	27.49 0.00 0.00	30.88 0.15 0.00	37.28 0.44 0.00	38.25 0.49 0.00	38.24 0.53 0.00	34.19 0.44 0.00	35.02 0.31 0.00	38.55 0.46 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.68 0.32 0.00	51.76 0.36 0.00	58.60 0.41 0.00	68.16 0.41 0.00	81.05 0.48 0.00	82.36 0.08 0.00	81.60 0.57 0.00	61.14 0.36 0.00	51.68 0.15 0.00	44.20 0.26 0.00
NEG NORTH___LWR_SARANAC 23913	34.35 0.14 0.00	30.08 -0.12 0.00	25.67 -0.10 0.00	26.99 -0.08 0.00	27.49 0.00 0.00	30.88 0.15 0.00	37.28 0.44 0.00	38.25 0.49 0.00	38.24 0.53 0.00	34.19 0.44 0.00	35.02 0.31 0.00	38.55 0.46 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.68 0.32 0.00	51.76 0.36 0.00	58.60 0.41 0.00	68.16 0.41 0.00	81.05 0.48 0.00	82.36 0.08 0.00	81.60 0.57 0.00	61.14 0.36 0.00	51.68 0.15 0.00	44.20 0.26 0.00
NEG NORTH___PLATTSBURG 23628	34.31 0.10 0.00	30.11 -0.09 0.00	25.67 -0.10 0.00	27.05 -0.03 0.00	27.49 0.00 0.00	30.88 0.15 0.00	37.29 0.44 0.00	38.25 0.49 0.00	38.24 0.53 0.00	34.19 0.44 0.00	35.02 0.31 0.00	38.55 0.46 0.00	38.66 0.46 0.00	42.75 0.38 0.00	45.68 0.32 0.00	51.76 0.36 0.00	58.20 0.00 0.00	67.28 -0.47 0.00	80.01 -0.56 0.00	81.45 -0.82 0.00	80.63 -0.40 0.00	60.59 -0.18 0.00	51.68 0.16 0.00	44.20 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	30.43 -3.76 0.02	25.49 -3.53 1.18	22.56 -2.99 0.23	21.98 -3.11 1.98	21.97 -3.05 2.47	22.16 -3.35 5.22	25.95 -3.72 7.17	27.00 -3.47 7.28	27.81 -3.43 6.47	28.89 -3.37 1.49	30.78 -3.23 0.70	32.11 -3.28 2.70	32.11 -3.36 2.73	33.08 -3.47 5.81	34.91 -3.45 7.01	37.05 -4.73 9.62	40.92 -4.83 12.45	46.81 -5.35 15.59	57.13 -6.85 16.59	67.21 -7.40 7.66	64.13 -7.62 9.28	43.98 -6.26 10.54	38.56 -5.72 7.25	35.06 -4.70 4.18
NEG WEST___LANCASTR 23811	31.38 -2.81 0.02	27.21 -1.63 1.36	24.11 -1.39 0.27	23.32 -1.46 2.29	23.27 -1.37 2.85	23.24 -1.47 6.01	27.14 -1.44 8.27	28.15 -1.13 8.47	28.99 -1.21 7.52	30.81 -1.21 1.73	32.88 -1.01 0.82	34.03 -0.91 3.14	34.12 -0.92 3.17	34.87 -0.76 6.74	39.21 -0.59 5.57	42.34 -1.28 7.78	46.70 -1.16 10.34	53.46 -1.15 13.14	64.05 -2.58 13.94	69.60 -4.61 8.07	66.56 -4.70 9.77	47.02 -2.37 11.38	41.12 -2.58 7.83	36.99 -2.20 4.75

NEG_PENN_ALLEGHNY 23528	33.98 -0.24 0.00	30.29 -0.12 -0.21	25.71 -0.10 -0.04	27.32 -0.11 -0.35	27.82 -0.11 -0.44	31.53 -0.12 -0.93	38.09 -0.04 -1.28	39.07 0.00 -1.31	39.09 0.04 -1.33	34.02 -0.03 -0.30	34.92 0.07 -0.14	38.72 0.08 -0.55	38.90 0.11 -0.59	44.29 0.17 -1.75	47.35 0.23 -1.76	54.07 0.36 -2.31	61.01 0.64 -2.17	71.11 0.95 -2.41	85.13 1.13 -3.44	83.90 1.31 -0.31	82.79 1.05 -0.71	61.98 0.61 -0.60	52.39 0.46 -0.40	45.19 0.18 -1.08
NEG___GEN_MONROE 24207	32.36 -1.85 0.00	27.74 -2.17 0.29	23.86 -1.86 0.06	24.64 -1.95 0.49	25.04 -1.84 0.61	27.47 -1.97 1.28	32.94 -2.14 1.77	33.92 -2.04 1.80	33.97 -2.07 1.68	31.31 -2.06 0.38	32.62 -1.91 0.18	35.41 -1.98 0.70	35.39 -2.10 0.71	38.83 -2.03 1.51	41.32 -1.95 2.09	45.58 -2.62 3.20	50.86 -2.50 4.84	58.58 -2.64 6.53	71.27 -3.14 6.15	74.12 -3.46 4.70	71.77 -3.57 5.70	52.00 -3.34 5.43	44.37 -3.35 3.81	39.72 -2.77 1.45
NEPA___ENERGY 23901	31.45 -2.74 0.02	26.46 -2.33 1.41	23.51 -1.98 0.28	22.59 -2.11 2.37	22.47 -2.06 2.95	22.24 -2.24 6.24	25.91 -2.36 8.58	26.90 -2.08 8.78	27.83 -2.07 7.81	30.03 -1.92 1.79	32.12 -1.74 0.85	33.08 -1.75 3.26	33.23 -1.68 3.29	33.68 -1.69 7.00	36.76 -1.59 7.02	39.47 -2.31 9.62	43.57 -2.15 12.47	50.11 -2.03 15.61	60.39 -3.22 16.95	69.59 -4.44 8.24	66.26 -4.78 9.99	45.26 -3.83 11.68	39.68 -3.81 8.03	35.65 -3.38 4.90
NEVERSINK___HYD 23608	35.48 1.27 0.00	31.60 1.39 0.00	26.83 1.06 0.00	28.18 1.11 0.00	28.48 0.99 0.00	31.68 0.95 0.00	37.84 1.00 0.00	39.08 1.32 0.00	39.11 1.40 0.00	35.03 1.28 0.00	36.06 1.35 0.00	39.62 1.53 0.00	40.03 1.83 0.00	44.53 2.16 0.00	47.81 2.45 0.00	54.38 2.98 0.00	61.87 3.67 0.00	72.22 4.47 0.00	85.88 5.32 0.00	88.70 6.42 0.00	86.55 5.51 0.00	64.23 3.46 0.00	54.36 2.83 0.00	46.31 2.37 0.00
NEWKRMKL_115KV_TB1 55635	34.96 0.75 0.00	31.26 1.06 0.00	26.73 0.95 0.00	27.99 0.92 0.00	28.37 0.88 0.00	31.62 0.89 0.00	37.50 0.66 0.00	38.33 0.57 0.00	38.21 0.49 0.00	34.22 0.47 0.00	35.16 0.45 0.00	38.55 0.46 0.00	38.85 0.65 0.00	43.09 0.72 0.00	46.09 0.73 0.00	52.12 0.72 0.00	59.01 0.81 0.00	68.70 0.95 0.00	81.94 1.37 0.00	84.42 2.14 0.00	82.73 1.70 0.00	61.81 1.03 0.00	52.50 0.98 0.00	44.73 0.79 0.00
NEWTON___FALLS_HYD 23847	33.73 -0.48 0.00	29.75 -0.45 0.00	25.39 -0.39 0.00	26.72 -0.35 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.79 -0.30 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.32 -1.16 -0.29	66.92 -1.15 -0.32	80.18 -0.97 -0.58	82.13 -0.33 -0.18	81.73 0.24 -0.46	61.02 0.24 0.00	51.44 -0.10 -0.02	44.43 0.13 -0.36
NGRID_A1_DSASP 323792	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
NGRID_A2_DSASP 323793	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
NGRID_A4_DSASP 323807	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.26 -4.00 6.46	28.58 -3.68 1.49	30.46 -3.54 0.71	31.31 -4.08 2.70	31.27 -4.20 2.72	32.16 -4.41 5.80	33.87 -4.49 7.00	36.73 -5.40 9.27	40.14 -5.65 12.41	46.31 -6.30 15.14	55.04 -8.14 17.39	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
NIAGARA_115E_LBMP 323715	29.84 -4.35 0.02	25.15 -3.87 1.19	22.27 -3.27 0.23	21.67 -3.41 1.99	21.66 -3.35 2.48	21.80 -3.69 5.23	25.48 -4.16 7.20	26.47 -3.89 7.41	27.41 -3.81 6.50	28.44 -3.81 1.50	30.32 -3.68 0.71	31.68 -3.69 2.72	31.56 -3.90 2.75	32.29 -4.24 5.85	33.28 -4.81 7.27	35.75 -5.76 9.89	39.29 -6.11 12.80	45.07 -6.71 15.97	54.92 -8.06 17.60	66.26 -8.80 7.21	63.79 -8.51 8.73	43.77 -7.23 9.77	39.13 -5.67 6.73	34.98 -5.19 3.77
NIAGARA_115W_LBMP 323714	29.84 -4.35 0.02	25.20 -3.81 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.66 -3.33 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.46 -3.81 7.49	27.21 -4.00 6.50	28.57 -3.68 1.50	30.42 -3.57 0.72	31.22 -4.15 2.72	31.14 -4.32 2.75	31.82 -4.70 5.85	32.83 -5.26 7.27	35.97 -5.50 9.93	39.54 -5.82 12.84	45.37 -6.37 16.01	54.75 -7.81 18.00	65.61 -9.46 7.21	62.65 -9.64 8.74	43.28 -7.72 9.77	38.41 -6.39 6.73	34.58 -5.58 3.77
NIAGARA_230_LBMP 323716	30.50 -3.70 0.02	25.35 -3.69 1.17	22.41 -3.15 0.22	21.80 -3.30 1.97	21.76 -3.27 2.46	21.95 -3.56 5.21	25.69 -3.98 7.18	26.63 -3.74 7.39	27.46 -3.77 6.48	28.69 -3.58 1.48	30.58 -3.44 0.69	31.73 -3.66 2.70	31.69 -3.78 2.73	32.43 -4.11 5.83	33.53 -4.58 7.25	36.40 -5.09 9.91	40.03 -5.35 12.82	46.00 -5.76 15.99	55.65 -6.93 17.98	66.69 -8.39 7.19	63.81 -8.51 8.72	44.15 -6.87 9.75	39.15 -5.67 6.71	35.00 -5.19 3.75
NIAGARA___115KV_198_GIBSON 55903	29.81 -4.38 0.02	25.17 -3.84 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.18 -4.04 6.50	28.57 -3.68 1.50	30.42 -3.58 0.72	31.22 -4.15 2.72	31.18 -4.28 2.74	32.03 -4.49 5.85	33.51 -4.58 7.27	36.43 -5.40 9.57	39.94 -5.65 12.62	45.91 -6.30 15.55	54.67 -8.22 17.68	64.98 -9.46 7.83	61.66 -9.89 9.49	42.13 -7.84 10.81	37.14 -6.96 7.43	34.10 -5.54 4.30
NIAGARA____ 23760	30.49 -3.70 0.02	25.34 -3.69 1.17	22.40 -3.15 0.23	21.79 -3.30 1.98	21.75 -3.27 2.46	21.94 -3.56 5.22	25.68 -3.98 7.18	26.63 -3.74 7.39	27.46 -3.77 6.49	28.69 -3.58 1.48	30.58 -3.44 0.70	31.73 -3.66 2.71	31.68 -3.78 2.73	32.43 -4.11 5.83	33.52 -4.58 7.26	36.41 -5.09 9.90	40.04 -5.35 12.81	46.01 -5.76 15.99	55.81 -6.93 17.83	66.69 -8.39 7.20	63.80 -8.51 8.72	44.14 -6.87 9.76	39.14 -5.67 6.72	34.99 -5.19 3.76
NINE_MILE_1 23575	33.11 -1.10 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.15 -0.92 0.00	26.58 -0.91 0.00	29.71 -1.01 0.00	35.66 -1.18 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.53 -1.18 0.00	36.79 -1.30 0.00	36.37 -1.49 0.34	33.05 -1.61 7.71	35.03 -1.72 8.61	33.77 -1.95 15.67	35.84 -2.09 20.26	36.46 -2.30 28.99	50.48 -2.66 27.43	51.48 -2.64 28.16	39.83 -2.67 38.53	33.96 -2.13 24.68	31.68 -1.85 17.99	32.07 -1.67 10.20

NINE_MILE_2 23744	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.71 -1.01 0.00	35.70 -1.14 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.53 -1.18 0.00	36.83 -1.26 0.00	36.36 -1.49 0.35	32.94 -1.61 7.82	34.91 -1.72 8.73	33.55 -1.95 15.89	35.57 -2.09 20.53	36.07 -2.30 29.37	50.10 -2.66 27.81	51.11 -2.64 28.53	39.31 -2.67 39.05	33.64 -2.13 25.00	31.45 -1.85 18.22	31.92 -1.67 10.35
NM_CAPITAL___DRP 24208	35.07 0.86 0.00	31.32 1.12 0.00	26.75 0.98 0.00	28.05 0.97 0.00	28.42 0.93 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.48 0.72 0.00	38.32 0.60 0.00	34.32 0.57 0.00	35.27 0.56 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.17 0.81 0.00	46.22 0.86 0.00	52.32 0.93 0.00	59.19 0.99 0.00	68.84 1.08 0.00	82.10 1.53 0.00	84.58 2.30 0.00	82.90 1.86 0.00	61.99 1.22 0.00	52.66 1.13 0.00	44.86 0.92 0.00
NM_CENTRAL___DRP 24181	33.63 -0.58 0.00	29.63 -0.57 0.00	25.29 -0.49 0.00	26.56 -0.51 0.00	26.99 -0.49 0.00	30.20 -0.52 0.00	36.29 -0.55 0.00	37.16 -0.60 0.00	37.08 -0.64 0.00	33.11 -0.64 0.00	34.15 -0.56 0.00	37.48 -0.61 0.00	37.51 -0.73 -0.03	42.41 -0.72 -0.76	45.12 -0.68 -0.44	50.99 -0.93 -0.52	57.04 -0.87 0.29	66.20 -0.88 0.67	79.76 -0.97 -0.16	80.42 -0.82 1.03	79.26 -0.97 0.80	58.50 -0.91 1.36	49.72 -0.88 0.93	43.58 -0.83 -0.48
NM_FRONTIER___DRP 24179	29.81 -4.38 0.02	25.17 -3.84 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.18 -4.04 6.50	28.57 -3.68 1.50	30.42 -3.58 0.72	31.22 -4.15 2.72	31.18 -4.28 2.74	32.03 -4.49 5.85	33.51 -4.58 7.27	36.43 -5.40 9.57	39.94 -5.65 12.62	45.91 -6.30 15.55	54.67 -8.22 17.68	64.98 -9.46 7.83	61.66 -9.89 9.49	42.13 -7.84 10.81	37.14 -6.96 7.43	34.10 -5.54 4.30
NM_ST_REGIS___HYD 24053	33.83 -0.38 0.00	29.72 -0.48 0.00	25.36 -0.41 0.00	26.67 -0.41 0.00	27.13 -0.36 0.00	30.51 -0.22 0.00	36.80 -0.04 0.00	37.69 -0.08 0.00	37.68 -0.04 0.00	33.65 -0.10 0.00	34.47 -0.24 0.00	37.94 -0.15 0.00	38.09 -0.11 0.00	42.03 -0.34 0.00	44.86 -0.50 0.00	50.58 -0.82 0.00	57.03 -1.16 0.00	66.26 -1.49 0.00	78.96 -1.61 0.00	80.55 -1.73 0.00	79.98 -1.05 0.00	60.10 -0.67 0.00	50.80 -0.72 0.00	43.67 -0.26 0.00
NORTHPORT___1 23551	41.20 2.29 -4.70	35.26 2.42 -2.63	30.35 2.01 -2.56	29.23 2.08 -0.07	29.49 2.01 0.00	33.47 2.09 -0.65	39.21 2.29 -0.08	42.42 2.64 -2.02	43.47 2.64 -3.12	44.58 2.43 -8.40	49.32 2.25 -12.36	51.49 2.21 -11.19	52.80 2.33 -12.27	55.99 2.24 -11.38	57.57 2.36 -9.85	59.89 2.62 -5.87	55.99 3.08 5.29	61.15 3.66 10.26	72.13 4.19 12.63	76.23 5.43 11.47	74.34 4.62 11.31	59.17 2.98 4.58	54.41 2.88 0.00	49.62 2.90 -2.78
NORTHPORT___2 23552	41.20 2.29 -4.70	35.26 2.42 -2.63	30.35 2.01 -2.56	29.23 2.08 -0.07	29.49 2.01 0.00	33.47 2.09 -0.65	39.21 2.29 -0.08	42.42 2.64 -2.02	43.47 2.64 -3.12	44.58 2.43 -8.40	49.32 2.25 -12.36	51.49 2.21 -11.19	52.80 2.33 -12.27	55.99 2.24 -11.38	57.57 2.36 -9.85	59.89 2.62 -5.87	55.99 3.08 5.29	61.15 3.66 10.26	72.13 4.19 12.63	76.23 5.43 11.47	74.34 4.62 11.31	59.17 2.98 4.58	54.41 2.88 0.00	49.62 2.90 -2.78
NORTHPORT___3 23553	41.18 2.26 -4.71	35.23 2.39 -2.64	30.33 1.98 -2.57	29.20 2.06 -0.07	29.44 1.95 0.00	33.40 2.03 -0.65	39.14 2.21 -0.08	42.39 2.60 -2.03	43.45 2.60 -3.13	44.58 2.40 -8.43	49.37 2.25 -12.41	51.57 2.25 -11.23	52.89 2.37 -12.32	56.04 2.24 -11.42	57.57 2.31 -9.89	59.84 2.52 -5.92	55.90 2.97 5.26	64.47 3.52 6.80	81.62 4.03 2.97	83.77 5.27 3.78	78.72 4.45 6.77	60.83 2.80 2.74	54.25 2.73 0.00	49.63 2.90 -2.79
NORTHPORT___4 23650	41.18 2.26 -4.71	35.23 2.39 -2.64	30.33 1.98 -2.57	29.20 2.06 -0.07	29.44 1.95 0.00	33.40 2.03 -0.65	39.14 2.21 -0.08	42.39 2.60 -2.03	43.45 2.60 -3.13	44.58 2.40 -8.43	49.37 2.25 -12.41	51.57 2.25 -11.23	52.89 2.37 -12.32	56.04 2.24 -11.42	57.57 2.31 -9.89	59.84 2.52 -5.92	55.90 2.97 5.26	64.47 3.52 6.80	81.62 4.03 2.97	83.77 5.27 3.78	78.72 4.45 6.77	60.83 2.80 2.74	54.25 2.73 0.00	49.63 2.90 -2.79
NORTHPORT___IC 23718	41.13 2.22 -4.70	35.22 2.39 -2.63	30.37 2.04 -2.56	29.17 2.03 -0.07	29.33 1.84 0.00	32.63 1.90 0.00	39.21 2.28 -0.08	42.42 2.64 -2.02	43.47 2.64 -3.12	44.58 2.43 -8.40	49.32 2.26 -12.36	51.49 2.21 -11.19	52.80 2.33 -12.27	55.95 2.20 -11.38	57.48 2.27 -9.85	59.79 2.52 -5.87	55.76 2.85 5.29	60.75 3.25 10.26	71.73 3.79 12.63	75.90 5.10 11.47	73.94 4.21 11.31	58.38 2.19 4.58	54.00 2.47 0.00	49.62 2.90 -2.78
NORTH___COUNTRY_ESR 323785	33.80 -0.41 0.00	29.69 -0.51 0.00	25.34 -0.44 0.00	26.67 -0.41 0.00	27.13 -0.36 0.00	30.45 -0.28 0.00	36.66 -0.18 0.00	37.65 -0.11 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.68 -0.03 0.00	38.13 0.04 0.00	38.24 0.04 0.00	42.28 -0.08 0.00	45.18 -0.18 0.00	51.14 -0.26 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.36 -1.21 0.00	80.63 -1.64 0.00	79.73 -1.30 0.00	59.98 -0.79 0.00	51.01 -0.52 0.00	43.72 -0.22 0.00
NPX_GEN_1385_PROXY 323591	41.68 2.77 -4.70	35.44 2.60 -2.63	30.68 2.35 -2.56	29.66 2.52 -0.07	29.93 2.45 0.00	33.96 2.58 -0.65	39.80 2.88 -0.08	42.80 3.02 -2.02	43.21 2.38 -3.12	44.00 1.86 -8.40	45.00 1.29 -9.01	46.38 1.14 -7.15	48.74 1.26 -9.28	52.66 1.06 -9.23	56.30 1.09 -9.85	58.76 1.49 -5.87	54.36 1.46 5.29	61.10 1.69 8.35	69.33 1.85 13.09	72.48 3.13 12.92	71.58 2.51 11.97	61.50 2.13 1.40	52.69 2.88 1.72	47.90 1.98 -1.98
NPX_GEN_CSC 323557	41.53 2.57 -4.75	35.74 2.87 -2.67	30.74 2.37 -2.59	29.61 2.46 -0.07	29.85 2.36 0.00	33.96 2.58 -0.66	39.80 2.88 -0.08	43.13 3.32 -2.04	44.04 3.17 -3.15	45.18 2.93 -8.50	49.72 2.50 -12.51	51.47 2.06 -11.33	52.88 2.25 -12.42	56.52 2.63 -11.52	58.19 2.86 -9.97	60.96 3.54 -6.02	75.10 3.96 -12.94	102.50 4.88 -29.87	105.37 5.64 -19.16	102.48 7.41 -12.80	90.80 6.56 -3.20	70.19 4.68 -4.74	53.77 3.97 1.72	49.25 3.30 -2.02
NSINS_S_GLNS_FALLS 23858	36.33 2.12 0.00	32.32 2.11 0.00	27.63 1.86 0.00	28.94 1.87 0.00	29.33 1.84 0.00	32.72 2.00 0.00	39.05 2.21 0.00	39.72 1.96 0.00	39.34 1.62 0.00	35.17 1.42 0.00	36.13 1.42 0.00	39.77 1.68 0.00	40.03 1.83 0.00	44.49 2.12 0.00	47.68 2.31 0.00	54.17 2.78 0.00	61.75 3.55 0.00	72.29 4.54 0.00	86.21 5.64 0.00	89.27 6.99 0.00	87.27 6.24 0.00	65.45 4.68 0.00	55.34 3.81 0.00	46.97 3.03 0.00
NUCOR_STEEL___DRP 24197	33.97 -0.24 0.00	30.11 -0.27 -0.18	25.58 -0.23 -0.03	27.13 -0.24 -0.30	27.65 -0.22 -0.38	31.31 -0.22 -0.80	37.83 -0.11 -1.10	38.70 -0.19 -1.12	38.38 -0.26 -0.93	33.59 -0.37 -0.21	34.53 -0.28 -0.10	38.17 -0.30 -0.39	38.23 -0.42 -0.45	44.12 -0.34 -2.09	47.00 -0.27 -1.91	53.68 -0.41 -2.70	60.38 -0.17 -2.35	70.57 0.07 -2.75	84.65 0.24 -3.84	83.94 0.49 -1.17	83.59 0.41 -2.15	61.86 0.06 -1.03	52.18 -0.10 -0.76	45.32 -0.26 -1.64

NUMBER_THREE_WT_PWR 323818	33.73 -0.48 0.00	29.87 -0.33 0.00	25.52 -0.26 0.00	26.94 -0.13 0.00	27.43 -0.05 0.00	31.00 0.28 0.00	37.36 0.52 0.00	38.25 0.49 0.00	38.02 0.30 0.00	33.75 0.00 0.00	34.64 -0.07 0.00	38.09 0.00 0.00	38.26 0.04 -0.02	42.66 -0.21 -0.50	45.29 -0.45 -0.39	51.42 -0.56 -0.59	58.20 -0.35 -0.35	68.21 0.07 -0.39	81.92 0.64 -0.71	84.23 1.73 -0.22	83.78 2.19 -0.56	62.35 1.58 0.00	52.42 0.88 -0.02	45.21 0.83 -0.44
NYISO_LBMP_REFERENCE 24008	34.21 0.00 0.00	30.20 0.00 0.00	25.78 0.00 0.00	27.07 0.00 0.00	27.49 0.00 0.00	30.72 0.00 0.00	36.84 0.00 0.00	37.76 0.00 0.00	37.72 0.00 0.00	33.75 0.00 0.00	34.71 0.00 0.00	38.09 0.00 0.00	38.20 0.00 0.00	42.37 0.00 0.00	45.36 0.00 0.00	51.40 0.00 0.00	58.20 0.00 0.00	67.75 0.00 0.00	80.57 0.00 0.00	82.28 0.00 0.00	81.03 0.00 0.00	60.77 0.00 0.00	51.52 0.00 0.00	43.94 0.00 0.00
NYPA_BRENTWD____GT 24164	41.76 2.70 -4.85	35.73 2.81 -2.72	30.76 2.35 -2.64	29.55 2.41 -0.07	29.80 2.31 0.00	33.85 2.46 -0.67	39.65 2.73 -0.09	42.98 3.13 -2.08	44.06 3.13 -3.22	45.32 2.90 -8.67	50.25 2.78 -12.76	52.42 2.78 -11.55	53.81 2.94 -12.67	57.26 3.14 -11.75	58.89 3.36 -10.17	61.58 3.90 -6.28	75.77 4.37 -13.21	99.95 4.94 -27.25	102.79 5.80 -16.42	100.92 6.99 -11.65	89.42 6.16 -2.23	65.93 4.25 -0.90	55.44 3.91 0.00	50.41 3.60 -2.87
NYPA_GOWANUS____GT5 24156	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.33 7.24 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NYPA_GOWANUS____GT6 24157	36.41 2.19 -0.01	32.48 2.27 -0.01	27.61 1.83 -0.01	28.98 1.89 -0.01	29.28 1.79 -0.01	32.44 1.72 0.00	38.65 1.80 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.57 3.26 -17.94	66.31 3.58 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.33 7.24 -24.81	87.69 6.65 -0.01	64.92 4.13 -0.01	57.57 3.87 -2.18	48.57 3.34 -1.30
NYPA_HARLEM__RVR__GT1 24160	36.34 2.12 -0.01	32.54 2.33 -0.01	27.66 1.88 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.95 2.22 -0.01	49.49 2.23 -13.52	73.85 2.29 -36.85	59.14 2.44 -18.61	39.62 2.67 1.25	63.39 3.09 -17.93	50.89 3.36 -2.17	92.23 3.90 -36.93	130.50 4.31 -67.99	133.48 4.88 -60.85	128.07 5.55 -41.95	113.83 6.75 -24.80	87.28 6.24 -0.01	64.92 4.13 -0.01	55.15 3.35 -0.28	48.21 2.99 -1.28
NYPA_HARLEM__RVR__GT2 24161	36.34 2.12 -0.01	32.54 2.33 -0.01	27.66 1.88 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.95 2.22 -0.01	49.49 2.23 -13.52	73.85 2.29 -36.85	59.14 2.44 -18.61	39.62 2.67 1.25	63.39 3.09 -17.93	50.89 3.36 -2.17	92.23 3.90 -36.93	130.50 4.31 -67.99	133.48 4.88 -60.85	128.07 5.55 -41.95	113.83 6.75 -24.80	87.28 6.24 -0.01	64.92 4.13 -0.01	55.15 3.35 -0.28	48.21 2.99 -1.28
NYPA_KENT____GT 24152	36.34 2.12 -0.01	32.45 2.24 -0.01	27.59 1.80 -0.01	28.95 1.87 -0.01	29.26 1.76 -0.01	32.41 1.69 0.00	38.61 1.77 0.00	40.03 2.27 0.00	40.18 2.45 -0.02	43.36 2.40 -7.21	56.80 2.43 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.53 3.22 -17.94	66.22 3.49 -17.37	92.40 4.06 -36.94	130.79 4.60 -68.00	133.82 5.22 -60.85	128.57 6.05 -41.96	114.17 7.08 -24.81	87.53 6.49 -0.01	64.79 4.01 -0.01	57.41 3.71 -2.18	48.44 3.21 -1.29
NYPA_POUCH1____GT 24155	36.41 2.19 -0.01	32.45 2.24 -0.01	27.59 1.80 -0.01	28.95 1.87 -0.01	29.26 1.76 -0.01	32.41 1.69 0.00	38.57 1.73 0.00	40.03 2.27 0.00	40.18 2.45 -0.02	43.36 2.40 -7.21	56.76 2.39 -19.66	59.07 2.36 -18.62	60.65 2.63 -19.82	61.66 3.05 -16.24	64.14 3.36 -15.42	87.36 3.90 -32.06	102.27 4.48 -39.60	112.30 5.08 -39.46	116.61 5.80 -30.24	106.21 6.91 -17.02	85.54 6.32 1.82	62.85 3.83 1.75	57.42 3.71 -2.18	48.49 3.25 -1.30
NYPA_VERNON____GT2 24162	36.27 2.05 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.41 1.69 0.00	38.57 1.73 0.00	39.99 2.23 0.00	40.11 2.38 -0.02	43.26 2.30 -7.21	56.73 2.36 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.49 3.18 -17.94	66.17 3.45 -17.37	92.35 4.01 -36.94	130.74 4.54 -68.00	133.75 5.15 -60.85	128.40 5.88 -41.96	114.08 6.99 -24.81	87.37 6.32 -0.01	64.79 4.01 -0.01	57.25 3.55 -2.17	48.35 3.12 -1.29
NYPA_VERNON____GT3 24163	36.27 2.05 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.41 1.69 0.00	38.57 1.73 0.00	39.99 2.23 0.00	40.11 2.38 -0.02	43.26 2.30 -7.21	56.73 2.36 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.49 3.18 -17.94	66.17 3.45 -17.37	92.35 4.01 -36.94	130.74 4.54 -68.00	133.75 5.15 -60.85	128.40 5.88 -41.96	114.08 6.99 -24.81	87.37 6.32 -0.01	64.79 4.01 -0.01	57.25 3.55 -2.17	48.35 3.12 -1.29
NYPA__ASTORIA_CC1 323568	36.24 2.02 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.24 3.90 -36.94	130.57 4.37 -68.00	133.55 4.94 -60.85	128.24 5.72 -41.96	113.91 6.83 -24.81	87.20 6.16 -0.01	64.67 3.89 -0.01	57.15 3.45 -2.17	48.26 3.03 -1.29
NYPA__ASTORIA_CC2 323569	36.24 2.02 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.15 2.44 -18.62	62.98 2.71 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.24 3.90 -36.94	130.57 4.37 -68.00	133.55 4.94 -60.85	128.24 5.72 -41.96	113.91 6.83 -24.81	87.20 6.16 -0.01	64.67 3.89 -0.01	57.15 3.45 -2.17	48.26 3.03 -1.29
NYPA__HOLTSVILL 23794	41.45 2.50 -4.75	35.56 2.69 -2.66	30.60 2.24 -2.59	29.44 2.30 -0.07	29.69 2.20 0.00	33.75 2.37 -0.66	39.54 2.62 -0.08	42.82 3.02 -2.04	43.85 2.98 -3.15	45.01 2.77 -8.49	49.70 2.50 -12.49	51.76 2.36 -11.31	53.13 2.52 -12.41	56.59 2.71 -11.50	58.23 2.91 -9.96	60.85 3.44 -6.00	75.14 4.01 -12.93	100.48 4.81 -27.92	105.72 5.55 -19.60	103.33 6.83 -14.23	90.89 6.00 -3.86	66.34 4.01 -1.56	55.13 3.61 0.00	50.00 3.25 -2.81
NYPA__HELLGATE_GT1 24158	36.34 2.12 -0.01	32.54 2.33 -0.01	27.66 1.88 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.95 2.22 -0.01	36.87 2.23 -0.89	39.44 2.29 -2.44	59.14 2.44 -18.61	43.62 2.67 -2.75	63.39 3.09 -17.93	47.73 3.36 0.99	92.19 3.86 -36.93	130.50 4.31 -67.99	133.48 4.88 -60.85	128.07 5.55 -41.95	113.83 6.75 -24.80	87.28 6.24 -0.01	64.92 4.13 -0.01	54.76 3.35 0.12	48.21 2.99 -1.28

NYPA_____HELLGATE_GT2 24159	36.34 2.12 -0.01	32.54 2.33 -0.01	27.66 1.88 -0.01	29.03 1.95 -0.01	29.34 1.84 -0.01	32.54 1.81 -0.01	38.61 1.77 0.00	39.99 2.23 0.00	39.95 2.22 -0.01	36.87 2.23 -0.89	39.44 2.29 -2.44	59.14 2.44 -18.61	43.62 2.67 -2.75	63.39 3.09 -17.93	47.73 3.36 0.99	92.19 3.86 -36.93	130.50 4.31 -67.99	133.48 4.88 -60.85	128.07 5.55 -41.95	113.83 6.75 -24.80	87.28 6.24 -0.01	64.92 4.13 -0.01	54.76 3.35 0.12	48.21 2.99 -1.28
NYS_BARGE____HYD 23848	30.39 -3.80 0.02	25.62 -3.47 1.11	22.60 -2.96 0.22	22.10 -3.11 1.86	22.12 -3.05 2.32	22.51 -3.32 4.89	26.39 -3.72 6.73	27.46 -3.44 6.87	28.28 -3.36 6.08	29.01 -3.34 1.40	30.82 -3.23 0.66	32.31 -3.24 2.54	32.24 -3.40 2.56	33.31 -3.60 5.46	34.60 -4.13 6.64	37.47 -4.83 9.09	41.34 -5.01 11.85	47.47 -5.42 14.86	58.23 -6.37 15.97	68.04 -7.24 7.00	65.35 -7.21 8.48	45.25 -6.14 9.39	40.15 -4.90 6.48	35.75 -4.61 3.58
OAK ORCHARD____HYD 24046	32.39 -1.81 0.00	27.78 -2.18 0.25	23.85 -1.88 0.05	24.68 -1.98 0.42	25.07 -1.90 0.52	27.59 -2.03 1.10	33.11 -2.21 1.52	34.14 -2.08 1.55	34.19 -2.07 1.46	31.43 -1.99 0.33	32.75 -1.81 0.16	35.62 -1.87 0.61	35.56 -2.03 0.61	38.98 -2.08 1.31	41.18 -2.31 1.87	46.02 -2.47 2.91	51.26 -2.44 4.50	59.05 -2.57 6.13	72.16 -2.74 5.67	74.54 -3.29 4.44	72.25 -3.40 5.38	52.57 -3.22 4.98	45.19 -2.83 3.50	39.96 -2.77 1.21
OAKDALE____35_KV_LOAD 356122	33.84 -0.38 0.00	30.21 -0.21 -0.22	25.61 -0.21 -0.04	27.26 -0.19 -0.37	27.76 -0.19 -0.47	31.47 -0.25 -0.99	38.02 -0.18 -1.36	38.99 -0.15 -1.38	39.07 -0.08 -1.43	33.94 -0.13 -0.33	34.79 -0.07 -0.15	38.61 -0.08 -0.59	38.83 0.00 -0.63	44.24 0.04 -1.83	47.34 0.14 -1.85	53.96 0.15 -2.41	60.85 0.35 -2.30	70.85 0.54 -2.55	84.75 0.56 -3.62	83.54 0.82 -0.44	82.54 0.65 -0.86	61.87 0.24 -0.85	52.25 0.15 -0.57	45.15 0.00 -1.21
OCC_CHEM____DRP 24175	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
OH_GEN_PROXY 24063	30.57 -3.63 0.02	25.50 -3.63 1.08	22.48 -3.09 0.20	22.00 -3.25 1.82	22.00 -3.22 2.27	22.40 -3.50 4.82	26.30 -3.91 6.64	27.44 -3.66 6.66	28.00 -3.69 6.02	28.90 -3.48 1.37	30.70 -3.37 0.64	32.00 -3.58 2.51	32.00 -3.67 2.53	32.97 -3.98 5.41	34.20 -4.44 6.72	37.25 -4.93 9.21	41.03 -5.18 11.99	49.10 -5.55 13.10	57.66 -6.77 16.14	65.78 -8.15 8.35	63.74 -8.27 9.03	48.00 -6.69 6.09	37.91 -5.51 8.10	34.55 -5.10 4.29
OLIN_CORP_DRP 24177	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.68 -5.40 10.32	39.36 -5.65 13.19	44.91 -6.30 16.54	54.22 -8.14 18.21	65.86 -8.64 7.78	62.77 -8.83 9.43	42.79 -7.23 10.75	37.75 -6.39 7.38	34.43 -5.23 4.28
OLIN_CORP_DSASP 323712	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
ONEIDA_HERK_LFGE 323681	34.31 0.10 0.00	30.36 0.15 0.00	25.93 0.16 0.00	27.26 0.19 0.00	27.71 0.22 0.00	31.12 0.40 0.00	37.40 0.55 0.00	38.29 0.53 0.00	38.09 0.38 0.00	33.92 0.17 0.00	34.85 0.14 0.00	38.28 0.19 0.00	38.48 0.27 -0.01	42.82 0.17 -0.28	45.67 0.09 -0.21	51.83 0.10 -0.33	58.80 0.41 -0.20	68.79 0.82 -0.22	82.33 1.37 -0.39	84.46 2.06 -0.12	83.53 2.19 -0.31	62.35 1.58 0.00	52.52 0.98 -0.01	45.02 0.83 -0.25
ONEIDA____115KV_TB4 55905	34.62 0.41 0.00	30.63 0.42 0.00	26.14 0.36 0.00	27.45 0.38 0.00	27.85 0.36 0.00	31.19 0.46 0.00	37.47 0.63 0.00	38.29 0.53 0.00	38.13 0.41 0.00	33.95 0.20 0.00	34.95 0.24 0.00	38.36 0.27 0.00	38.52 0.31 -0.02	43.12 0.34 -0.41	45.96 0.36 -0.24	52.09 0.41 -0.29	58.81 0.76 0.14	68.63 1.22 0.34	82.44 1.77 -0.10	84.13 2.39 0.53	83.06 2.43 0.41	61.70 1.64 0.71	52.12 1.08 0.49	45.08 0.88 -0.26
ONONDAGA_REF_OCCRA 23987	33.80 -0.41 0.00	29.78 -0.42 0.00	25.41 -0.36 0.00	26.69 -0.38 0.00	27.10 -0.38 0.00	30.32 -0.40 0.00	36.47 -0.37 0.00	37.35 -0.42 0.00	37.23 -0.49 0.00	33.24 -0.51 0.00	34.29 -0.42 0.00	37.63 -0.46 0.00	37.67 -0.57 -0.04	42.78 -0.51 -0.91	45.46 -0.50 -0.60	51.53 -0.67 -0.80	57.66 -0.58 -0.05	67.09 -0.47 0.19	80.72 -0.48 -0.63	81.37 -0.33 0.58	80.46 -0.41 0.17	59.25 -0.55 0.98	50.30 -0.57 0.65	44.04 -0.57 -0.67
ONONDAGA____COGEN 23986	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
ONTARIO____LFGE 23819	34.62 0.38 -0.03	32.25 0.33 -1.71	26.36 0.26 -0.33	30.23 0.27 -2.88	31.41 0.33 -3.59	38.83 0.49 -7.61	48.24 0.92 -10.47	49.22 0.79 -10.66	47.41 0.60 -9.09	36.03 0.20 -2.08	36.07 0.38 -0.98	42.30 0.42 -3.79	42.53 0.46 -3.87	52.02 0.51 -9.14	55.87 0.55 -9.96	65.26 0.77 -13.09	74.42 1.39 -14.83	87.62 2.37 -17.50	105.38 3.46 -21.35	90.96 3.71 -4.97	91.12 3.48 -6.61	71.13 2.25 -8.11	58.82 1.80 -5.49	50.22 0.97 -5.32
ORANGEVILLE_WT_PWR 323706	31.68 -2.46 0.07	23.85 -2.23 4.12	23.05 -1.93 0.79	18.07 -2.06 6.94	16.81 -2.03 8.64	10.25 -2.18 18.30	9.35 -2.32 25.17	9.81 -2.34 25.61	13.16 -2.41 22.14	26.25 -2.43 5.07	30.03 -2.29 2.39	26.42 -2.44 9.23	26.40 -2.48 9.32	19.83 -2.67 19.87	20.25 -3.18 21.94	18.84 -3.50 29.06	19.00 -3.49 35.71	21.13 -3.39 43.24	27.71 -3.62 49.24	60.42 -4.28 17.57	55.42 -4.30 21.31	29.57 -3.64 27.55	29.75 -3.04 18.74	27.51 -3.21 13.23
ORANGEVILLE____ESR 323794	31.68 -2.46 0.07	23.85 -2.23 4.12	23.05 -1.93 0.79	18.07 -2.06 6.94	16.81 -2.03 8.64	10.25 -2.18 18.30	9.35 -2.32 25.17	9.81 -2.34 25.61	13.16 -2.41 22.14	26.25 -2.43 5.07	30.03 -2.29 2.39	26.42 -2.44 9.23	26.40 -2.48 9.32	19.83 -2.67 19.87	20.25 -3.18 21.94	18.84 -3.50 29.06	19.00 -3.49 35.71	21.13 -3.39 43.24	27.71 -3.62 49.24	60.42 -4.28 17.57	55.42 -4.30 21.31	29.57 -3.64 27.55	29.75 -3.04 18.74	27.51 -3.21 13.23

OSWEGATCHIE___HYD 24044	33.76 -0.45 0.00	29.75 -0.45 0.00	25.41 -0.36 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.66 -0.06 0.00	36.95 0.11 0.00	37.80 0.04 0.00	37.64 -0.08 0.00	33.48 -0.27 0.00	34.36 -0.35 0.00	37.78 -0.31 0.00	37.95 -0.27 -0.02	42.27 -0.51 -0.41	44.90 -0.77 -0.31	50.79 -1.08 -0.48	57.26 -1.22 -0.29	66.78 -1.29 -0.32	80.09 -1.05 -0.58	82.05 -0.41 -0.18	81.65 0.16 -0.46	60.96 0.18 0.00	51.49 -0.05 -0.02	44.47 0.18 -0.36
OSWEGO___5 23606	33.32 -0.89 0.00	29.39 -0.81 0.00	25.05 -0.72 0.00	26.32 -0.76 0.00	26.75 -0.74 0.00	29.90 -0.83 0.00	35.92 -0.92 0.00	36.78 -0.98 0.00	36.66 -1.06 0.00	32.77 -0.98 0.00	33.77 -0.94 0.00	37.06 -1.03 0.00	37.27 -1.18 -0.26	46.79 -1.31 -5.74	49.44 -1.41 -5.48	59.22 -1.54 -9.36	66.47 -1.69 -9.96	79.61 -1.83 -13.68	93.28 -2.01 -14.72	92.74 -1.98 -12.44	97.39 -2.02 -18.38	68.95 -1.70 -9.88	57.41 -1.44 -7.33	49.03 -1.32 -6.41
OSWEGO___6 23613	33.32 -0.89 0.00	29.39 -0.81 0.00	25.05 -0.72 0.00	26.32 -0.76 0.00	26.75 -0.74 0.00	29.90 -0.83 0.00	35.92 -0.92 0.00	36.78 -0.98 0.00	36.66 -1.06 0.00	32.77 -0.98 0.00	33.77 -0.94 0.00	37.06 -1.03 0.00	37.27 -1.18 -0.26	46.79 -1.31 -5.74	49.44 -1.41 -5.48	59.22 -1.54 -9.36	66.47 -1.69 -9.96	79.61 -1.83 -13.68	93.28 -2.01 -14.72	92.74 -1.98 -12.44	97.39 -2.02 -18.38	68.95 -1.70 -9.88	57.41 -1.44 -7.33	49.03 -1.32 -6.41
OUTOKUMPU-AB___DRP 24206	30.60 -3.59 0.02	25.67 -3.26 1.28	22.77 -2.76 0.25	22.04 -2.90 2.14	21.99 -2.83 2.66	22.00 -3.10 5.62	25.68 -3.43 7.73	26.69 -3.13 7.94	27.62 -3.13 6.96	29.14 -3.00 1.60	31.07 -2.88 0.76	32.25 -2.93 2.91	32.25 -3.02 2.94	33.07 -3.05 6.25	35.31 -2.99 7.05	37.73 -4.06 9.61	41.60 -4.07 12.52	47.65 -4.47 15.63	57.57 -5.80 17.20	67.45 -6.83 8.00	64.13 -7.21 9.69	43.87 -5.83 11.07	38.47 -5.41 7.64	35.01 -4.44 4.49
OXBOW___BTM 323836	30.32 -3.87 0.02	25.49 -3.47 1.24	22.57 -2.96 0.25	21.88 -3.11 2.08	21.85 -3.05 2.58	21.95 -3.32 5.45	25.62 -3.72 7.50	26.61 -3.44 7.72	27.49 -3.51 6.72	28.90 -3.31 1.55	30.81 -3.16 0.74	31.82 -3.47 2.81	31.77 -3.59 2.83	32.48 -3.86 6.03	33.98 -4.35 7.03	36.88 -4.73 9.79	40.62 -4.89 12.69	46.61 -5.28 15.86	56.58 -6.37 17.62	67.06 -7.90 7.32	64.14 -8.02 8.86	44.31 -6.56 9.90	39.26 -5.41 6.86	35.14 -4.92 3.88
OXBOW___ 24026	30.29 -3.90 0.02	25.43 -3.53 1.24	22.57 -2.96 0.25	21.91 -3.09 2.08	21.85 -3.05 2.58	21.92 -3.35 5.45	25.62 -3.72 7.50	26.61 -3.44 7.72	27.49 -3.51 6.71	28.90 -3.31 1.55	30.81 -3.16 0.74	31.82 -3.47 2.81	31.82 -3.55 2.83	32.70 -3.64 6.03	34.66 -3.67 7.03	37.33 -4.63 9.44	40.96 -4.77 12.47	47.08 -5.28 15.39	56.50 -6.77 17.30	66.39 -7.91 7.91	63.18 -8.27 9.58	43.19 -6.68 10.90	37.92 -6.08 7.53	34.67 -4.88 4.39
OXY_CHEM_DSASP 323612	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
OZONE_PARK_ESR 323760	36.30 2.09 0.00	32.47 2.27 0.00	27.66 1.88 0.00	28.94 1.87 0.00	29.22 1.73 0.00	32.41 1.69 0.00	38.76 1.92 0.00	40.18 2.42 0.00	40.37 2.64 -0.02	43.47 2.56 -7.15	56.87 2.67 -19.49	59.44 2.89 -18.46	63.28 3.21 -21.88	63.80 3.64 -17.79	66.57 3.99 -17.22	92.69 4.68 -36.62	131.02 5.41 -67.41	134.24 6.17 -60.32	129.41 7.25 -41.59	115.18 8.31 -24.60	88.49 7.46 0.00	65.39 4.62 0.00	57.85 4.17 -2.15	48.77 3.56 -1.28
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.91 -4.28 0.02	25.14 -3.87 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.69 -3.30 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.45 -3.81 7.49	27.33 -3.81 6.58	28.52 -3.71 1.52	30.38 -3.61 0.72	31.57 -3.77 2.75	31.53 -3.90 2.78	32.40 -4.07 5.90	33.80 -4.08 7.48	35.85 -5.40 10.15	39.55 -5.65 13.00	45.14 -6.30 16.32	54.20 -8.14 18.23	65.08 -9.38 7.82	61.83 -9.72 9.47	42.28 -7.72 10.78	37.26 -6.85 7.41	34.16 -5.49 4.29
PACKARD___115KV_DUPONT_184 80571	29.95 -4.24 0.02	25.20 -3.81 1.20	22.31 -3.22 0.24	21.70 -3.36 2.01	21.66 -3.33 2.50	21.82 -3.63 5.28	25.49 -4.09 7.26	26.46 -3.81 7.49	27.25 -4.00 6.46	28.58 -3.68 1.49	30.46 -3.54 0.71	31.31 -4.07 2.70	31.23 -4.24 2.73	31.95 -4.62 5.80	33.19 -5.17 7.00	35.98 -5.50 9.92	39.56 -5.82 12.82	45.39 -6.37 15.99	54.85 -7.73 17.98	65.67 -9.38 7.22	62.80 -9.48 8.75	43.39 -7.60 9.79	38.50 -6.29 6.74	34.62 -5.54 3.78
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.26 2.05 0.00	32.48 2.27 -0.01	27.69 1.91 -0.01	28.98 1.90 -0.01	29.25 1.76 0.00	32.42 1.69 -0.01	38.65 1.81 0.00	40.03 2.27 0.00	39.92 2.19 -0.02	36.11 2.13 -0.23	37.51 2.15 -0.65	58.99 2.29 -18.62	41.51 2.56 -0.75	63.19 2.88 -17.94	49.08 3.13 -0.59	92.04 3.70 -36.94	130.27 4.07 -68.00	133.21 4.61 -60.85	127.84 5.32 -41.96	113.59 6.50 -24.81	86.95 5.92 0.00	64.72 3.95 0.00	54.85 3.25 -0.08	48.08 2.86 -1.29
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.84 2.63 0.00	33.02 2.81 -0.01	28.13 2.35 -0.01	29.44 2.36 -0.01	29.72 2.23 0.00	32.94 2.21 -0.01	39.24 2.39 0.00	40.63 2.87 0.00	40.52 2.79 -0.02	36.62 2.63 -0.23	38.03 2.67 -0.65	59.57 2.86 -18.62	42.08 3.13 -0.75	63.87 3.56 -17.94	49.81 3.86 -0.59	92.86 4.52 -36.94	131.26 5.06 -68.00	134.43 5.83 -60.85	129.29 6.77 -41.96	115.15 8.06 -24.81	88.49 7.46 0.00	65.88 5.10 0.00	55.78 4.17 -0.08	48.83 3.60 -1.29
PATROON___115KV_TB1 80586	35.03 0.82 0.00	31.35 1.15 0.00	26.78 1.01 0.00	28.08 1.00 0.00	28.45 0.96 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.44 0.68 0.00	38.28 0.57 0.00	34.29 0.54 0.00	35.23 0.52 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.22 0.85 0.00	46.22 0.86 0.00	52.32 0.93 0.00	59.24 1.05 0.00	68.90 1.15 0.00	82.26 1.69 0.00	84.66 2.39 0.00	83.06 2.03 0.00	62.05 1.28 0.00	52.66 1.13 0.00	44.86 0.92 0.00
PATTRSNVILLE___SOLAR 323815	35.34 1.13 0.00	31.35 1.15 0.00	26.78 1.00 0.00	28.10 1.03 0.00	28.51 1.02 0.00	31.77 1.05 0.00	37.91 1.07 0.00	38.52 0.75 0.00	38.21 0.49 0.00	34.09 0.34 0.00	34.95 0.24 0.00	38.36 0.27 0.00	38.58 0.38 0.00	42.84 0.47 0.00	45.86 0.50 0.00	52.06 0.67 0.00	59.30 1.10 0.00	69.45 1.69 0.00	83.22 2.65 0.00	85.98 3.71 0.00	84.52 3.48 0.00	63.21 2.43 0.00	53.53 2.01 0.00	45.52 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.28 -2.91 0.02	26.74 -2.05 1.41	23.74 -1.75 0.28	22.87 -1.84 2.36	22.79 -1.76 2.94	22.61 -1.90 6.21	26.36 -1.95 8.53	27.34 -1.66 8.75	28.33 -1.66 7.73	30.35 -1.62 1.78	32.41 -1.46 0.84	33.49 -1.37 3.23	33.61 -1.34 3.26	34.21 -1.23 6.93	39.92 -1.04 4.40	43.22 -1.85 6.33	47.79 -1.69 8.71	54.69 -1.76 11.31	65.97 -2.98 11.62	69.22 -4.77 8.29	66.05 -4.94 10.04	45.98 -3.10 11.69	40.28 -3.19 8.05	36.33 -2.72 4.88

PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.02 1.81 0.00	32.14 1.93 0.00	27.32 1.55 0.00	28.64 1.57 0.00	28.95 1.46 0.00	32.17 1.44 0.00	38.46 1.62 0.00	39.65 1.89 0.00	39.75 2.04 0.00	35.67 1.92 0.00	36.79 2.08 0.00	40.34 2.25 0.00	40.68 2.48 0.00	45.38 3.01 0.00	48.67 3.31 0.00	55.41 4.01 0.00	62.85 4.66 0.00	73.24 5.49 0.00	87.09 6.53 0.00	90.09 7.82 0.00	87.84 6.81 0.00	64.91 4.13 0.00	55.03 3.50 0.00	46.97 3.03 0.00
PEEKSKILL____ 23653	35.75 1.54 0.00	31.93 1.72 0.00	27.14 1.37 0.00	28.48 1.41 0.00	28.81 1.32 0.00	32.01 1.29 0.00	38.17 1.32 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.57 1.82 0.00	36.62 1.91 0.00	40.15 2.06 0.00	40.53 2.33 0.00	45.08 2.71 0.00	48.36 2.99 0.00	54.94 3.54 0.00	62.27 4.07 0.00	72.42 4.67 0.00	85.88 5.32 0.00	88.70 6.42 0.00	86.62 5.59 0.00	64.11 3.34 0.00	54.46 2.94 0.00	46.49 2.55 0.00
PGE MADISON__WINDPWR 24146	35.55 1.33 -0.01	31.88 1.33 -0.34	26.97 1.13 -0.06	28.79 1.14 -0.58	29.34 1.13 -0.72	33.64 1.38 -1.53	40.79 1.84 -2.11	41.53 1.62 -2.14	40.88 1.36 -1.80	34.94 0.78 -0.41	35.63 0.73 -0.19	39.68 0.84 -0.75	39.94 0.96 -0.78	45.64 1.10 -2.17	48.77 1.18 -2.22	55.75 1.39 -2.96	63.61 2.44 -2.97	74.98 3.86 -3.37	90.44 5.32 -4.55	89.74 6.58 -0.88	89.02 6.56 -1.42	66.88 4.62 -1.48	55.67 3.14 -1.01	48.02 2.55 -1.53
PIERCEFIELD____HYD 23852	33.77 -0.44 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.61 -0.46 0.00	27.08 -0.41 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.57 -0.19 0.00	37.49 -0.23 0.00	33.48 -0.27 0.00	34.29 -0.42 0.00	37.75 -0.34 0.00	37.89 -0.31 0.00	41.82 -0.55 0.00	44.64 -0.73 0.00	50.27 -1.13 0.00	56.63 -1.57 0.00	65.72 -2.03 0.00	78.39 -2.18 0.00	80.06 -2.22 0.00	79.49 -1.54 0.00	59.80 -0.97 0.00	50.60 -0.93 0.00	43.50 -0.44 0.00
PINELAWN_CC_1 323563	41.98 2.50 -5.28	35.76 2.60 -2.96	30.79 2.14 -2.88	29.37 2.22 -0.08	29.61 2.12 0.00	33.67 2.21 -0.73	39.40 2.47 -0.09	42.90 2.87 -2.27	44.12 2.90 -3.50	45.89 2.70 -9.44	51.20 2.60 -13.89	53.33 2.67 -12.57	54.82 2.83 -13.79	58.16 3.01 -12.79	59.65 3.22 -11.07	62.47 3.80 -7.27	77.06 4.48 -14.38	101.12 5.22 -28.15	100.25 6.12 -13.57	98.77 7.24 -9.25	87.92 6.49 -0.40	65.18 4.25 -0.16	55.28 3.76 0.00	50.49 3.43 -3.12
PJM_GEN_HTP_PROXY 323702	36.06 1.85 0.00	32.23 2.02 0.00	27.40 1.62 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.42 1.58 0.00	39.80 2.04 0.00	39.99 2.26 -0.02	43.03 2.23 -7.05	56.26 2.33 -19.22	58.81 2.51 -18.21	62.57 2.79 -21.58	63.09 3.18 -17.54	65.84 3.49 -16.98	91.63 4.11 -36.12	129.40 4.71 -66.50	134.59 5.42 -61.42	127.42 6.29 -40.56	112.33 7.24 -22.81	86.78 6.40 0.65	67.91 3.95 -3.19	55.43 3.51 -0.40	47.43 3.03 -0.46
PJM_GEN_KEystone 24065	33.00 -0.68 0.53	26.88 -0.36 2.96	24.10 -0.36 1.31	23.90 -0.38 2.79	24.00 -0.44 3.05	25.86 -0.55 4.31	28.88 -0.66 7.30	33.17 -0.38 4.21	31.62 -0.34 5.76	33.51 -0.23 0.00	35.70 -0.14 -1.13	38.39 -0.08 -0.38	38.73 0.08 -0.45	41.70 0.17 0.84	44.52 0.18 1.03	51.00 0.31 0.71	57.58 0.58 1.20	68.21 0.82 0.36	77.61 0.57 3.53	80.01 0.50 2.77	77.06 -0.16 3.81	60.00 -0.61 0.17	47.31 -0.41 3.80	40.89 -0.53 2.52
PJM_GEN_NEPTUNE_PROXY 323594	40.66 1.98 -4.46	34.85 2.14 -2.50	29.96 1.75 -2.43	28.95 1.81 -0.07	29.19 1.70 0.00	33.09 1.75 -0.62	38.76 1.84 -0.08	41.91 2.23 -1.92	42.98 2.30 -2.96	43.92 2.19 -7.98	48.57 2.12 -11.75	50.90 2.17 -10.64	52.19 2.33 -11.66	55.68 2.50 -10.82	57.40 2.68 -9.36	59.80 3.08 -5.32	74.09 3.73 -12.17	97.64 4.40 -25.48	95.96 5.08 -10.31	94.27 6.17 -5.82	85.89 5.51 0.65	67.41 3.46 -3.18	52.79 2.99 1.72	48.60 2.81 -1.85
PJM_GEN_VFT_PROXY 323633	35.89 1.68 0.00	32.14 1.93 0.00	27.30 1.52 0.00	28.67 1.60 0.00	28.95 1.46 0.00	32.11 1.38 0.00	38.24 1.40 0.00	39.61 1.85 0.00	39.81 2.07 -0.02	42.96 2.06 -7.15	56.35 2.15 -19.49	58.87 2.32 -18.46	60.38 2.56 -19.62	61.38 2.92 -16.09	63.84 3.22 -15.26	86.88 3.75 -31.73	101.50 4.31 -39.00	113.53 4.94 -40.84	115.69 5.72 -29.40	104.37 6.75 -15.35	84.38 5.84 2.49	65.77 3.58 -1.42	55.20 3.25 -0.43	47.28 2.85 -0.48
PLATSBURG_115KV_PMLD1 355749	34.07 -0.14 0.00	29.93 -0.27 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.72 0.00 0.00	37.03 0.18 0.00	38.03 0.26 0.00	38.09 0.38 0.00	34.09 0.34 0.00	34.99 0.28 0.00	38.51 0.42 0.00	38.62 0.42 0.00	42.71 0.34 0.00	45.63 0.27 0.00	51.65 0.26 0.00	58.37 0.17 0.00	68.02 0.27 0.00	80.89 0.32 0.00	82.11 -0.16 0.00	81.28 0.24 0.00	61.02 0.24 0.00	51.58 0.05 0.00	44.11 0.18 0.00
PLEASANTVLY____LBMP 24000	35.58 1.37 0.00	31.78 1.57 0.00	27.06 1.29 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.06 1.22 0.00	39.23 1.47 0.00	39.34 1.62 0.00	35.34 1.59 0.00	36.38 1.67 0.00	39.88 1.79 0.00	40.23 2.02 0.00	44.66 2.29 0.00	47.86 2.49 0.00	54.43 3.03 0.00	61.63 3.43 0.00	71.61 3.86 0.00	85.08 4.51 0.00	87.79 5.51 0.00	85.73 4.70 0.00	63.57 2.80 0.00	54.15 2.63 0.00	46.18 2.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.82 1.61 0.00	32.02 1.81 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.05 1.32 0.00	38.32 1.47 0.00	39.57 1.81 0.00	39.68 1.96 0.00	35.71 1.96 0.00	36.76 2.05 0.00	40.30 2.21 0.00	40.65 2.44 0.00	45.21 2.84 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.45 4.25 0.00	72.56 4.81 0.00	86.13 5.56 0.00	88.94 6.66 0.00	86.87 5.83 0.00	64.18 3.40 0.00	54.67 3.14 0.00	46.66 2.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.82 1.61 0.00	32.02 1.81 0.00	27.24 1.47 0.00	28.54 1.46 0.00	28.84 1.35 0.00	32.05 1.32 0.00	38.32 1.47 0.00	39.57 1.81 0.00	39.68 1.96 0.00	35.71 1.96 0.00	36.76 2.05 0.00	40.30 2.21 0.00	40.65 2.44 0.00	45.21 2.84 0.00	48.45 3.08 0.00	55.10 3.70 0.00	62.45 4.25 0.00	72.56 4.81 0.00	86.13 5.56 0.00	88.94 6.66 0.00	86.87 5.83 0.00	64.18 3.40 0.00	54.67 3.14 0.00	46.66 2.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.75 1.54 0.00	31.93 1.72 0.00	27.17 1.39 0.00	28.48 1.41 0.00	28.78 1.29 0.00	31.98 1.26 0.00	38.20 1.36 0.00	39.35 1.59 0.00	39.41 1.70 0.00	35.37 1.62 0.00	36.38 1.67 0.00	39.92 1.83 0.00	40.26 2.06 0.00	44.78 2.42 0.00	48.04 2.68 0.00	54.74 3.34 0.00	62.10 3.90 0.00	72.22 4.47 0.00	85.89 5.32 0.00	88.61 6.34 0.00	86.54 5.51 0.00	64.18 3.40 0.00	54.56 3.04 0.00	46.49 2.55 0.00
POLETTI____ 23519	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.14 2.19 -7.19	56.60 2.29 -19.60	59.13 2.48 -18.57	62.96 2.75 -22.00	63.39 3.14 -17.89	66.08 3.40 -17.32	92.29 4.06 -36.84	130.60 4.60 -67.81	133.65 5.22 -60.68	128.45 6.04 -41.84	114.18 7.16 -24.74	87.35 6.32 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.25 3.03 -1.28

POMONA___ESR 323819	35.71 1.50 0.00	31.87 1.66 0.00	27.09 1.31 0.00	28.45 1.38 0.00	28.75 1.27 0.00	31.95 1.23 0.00	38.13 1.29 0.00	39.35 1.59 0.00	39.45 1.74 0.00	35.50 1.75 0.00	36.55 1.84 0.00	40.11 2.02 0.00	40.49 2.29 0.00	45.04 2.67 0.00	48.36 2.99 0.00	54.94 3.54 0.00	62.27 4.07 0.00	72.36 4.61 0.00	85.80 5.23 0.00	88.53 6.25 0.00	86.38 5.35 0.00	63.99 3.22 0.00	54.46 2.94 0.00	46.44 2.50 0.00
PORT_JEFF_3 23555	41.56 2.60 -4.75	35.65 2.78 -2.67	30.66 2.29 -2.59	29.53 2.38 -0.07	29.77 2.28 0.00	33.81 2.43 -0.66	39.61 2.69 -0.08	42.94 3.13 -2.04	43.96 3.09 -3.15	45.08 2.84 -8.50	49.82 2.60 -12.51	51.93 2.51 -11.33	53.30 2.67 -12.42	56.81 2.92 -11.52	58.46 3.13 -9.97	61.12 3.70 -6.02	75.45 4.31 -12.94	100.88 5.15 -27.98	106.23 5.96 -19.70	103.83 7.24 -14.31	91.33 6.40 -3.90	66.67 4.32 -1.58	55.34 3.81 0.00	50.14 3.38 -2.81
PORT_JEFF_4 23616	41.56 2.60 -4.75	35.65 2.78 -2.67	30.66 2.29 -2.59	29.53 2.38 -0.07	29.77 2.28 0.00	33.81 2.43 -0.66	39.61 2.69 -0.08	42.94 3.13 -2.04	43.96 3.09 -3.15	45.08 2.84 -8.50	49.82 2.60 -12.51	51.93 2.51 -11.33	53.30 2.67 -12.42	56.81 2.92 -11.52	58.46 3.13 -9.97	61.12 3.70 -6.02	75.45 4.31 -12.94	100.88 5.15 -27.98	106.23 5.96 -19.70	103.83 7.24 -14.31	91.33 6.40 -3.90	66.67 4.32 -1.58	55.34 3.81 0.00	50.14 3.38 -2.81
PORT_JEFF_IC 23713	41.55 2.57 -4.77	35.66 2.78 -2.68	30.75 2.37 -2.60	29.50 2.36 -0.07	29.63 2.14 0.00	32.97 2.24 0.00	39.69 2.76 -0.08	42.98 3.17 -2.05	44.05 3.17 -3.17	45.19 2.90 -8.53	49.94 2.67 -12.56	52.01 2.55 -11.37	53.42 2.75 -12.47	56.90 2.97 -11.56	58.55 3.18 -10.01	61.26 3.80 -6.06	75.50 4.31 -13.00	101.10 5.08 -28.26	106.80 5.96 -20.27	104.27 7.24 -14.75	91.50 6.32 -4.14	66.22 3.77 -1.68	55.08 3.56 0.00	50.23 3.47 -2.82
PPL PILGRIM_ST_GT1 24216	41.76 2.70 -4.85	35.73 2.81 -2.72	30.76 2.35 -2.64	29.55 2.41 -0.07	29.80 2.31 0.00	33.85 2.46 -0.67	39.65 2.73 -0.09	42.98 3.13 -2.08	44.06 3.13 -3.22	45.32 2.90 -8.67	50.25 2.78 -12.76	52.42 2.78 -11.55	53.81 2.94 -12.67	57.26 3.14 -11.75	58.89 3.36 -10.17	61.58 3.90 -6.28	75.77 4.37 -13.21	99.95 4.94 -27.25	102.79 5.80 -16.42	100.92 6.99 -11.65	89.42 6.16 -2.23	65.93 4.25 -0.90	55.44 3.91 0.00	50.41 3.60 -2.87
PPL PILGRIM_ST_GT2 24217	41.76 2.70 -4.85	35.73 2.81 -2.72	30.76 2.35 -2.64	29.55 2.41 -0.07	29.80 2.31 0.00	33.85 2.46 -0.67	39.65 2.73 -0.09	42.98 3.13 -2.08	44.06 3.13 -3.22	45.32 2.90 -8.67	50.25 2.78 -12.76	52.42 2.78 -11.55	53.81 2.94 -12.67	57.26 3.14 -11.75	58.89 3.36 -10.17	61.58 3.90 -6.28	75.77 4.37 -13.21	99.95 4.94 -27.25	102.79 5.80 -16.42	100.92 6.99 -11.65	89.42 6.16 -2.23	65.93 4.25 -0.90	55.44 3.91 0.00	50.41 3.60 -2.87
PPL_SHRM_GT3 24213	41.54 2.57 -4.76	35.78 2.90 -2.67	30.77 2.40 -2.60	29.63 2.49 -0.07	29.85 2.36 0.00	33.97 2.58 -0.66	39.80 2.88 -0.08	43.17 3.36 -2.05	44.08 3.20 -3.16	45.20 2.93 -8.52	49.74 2.50 -12.53	51.53 2.09 -11.35	52.90 2.25 -12.44	56.54 2.63 -11.54	58.21 2.86 -9.99	60.98 3.54 -6.04	75.18 4.01 -12.97	100.75 4.94 -28.05	106.16 5.80 -19.79	104.14 7.49 -14.37	91.52 6.56 -3.93	67.11 4.74 -1.59	55.55 4.02 0.00	50.10 3.34 -2.82
PPL_SHRM_GT4 24214	41.54 2.57 -4.76	35.78 2.90 -2.67	30.77 2.40 -2.60	29.63 2.49 -0.07	29.85 2.36 0.00	33.97 2.58 -0.66	39.80 2.88 -0.08	43.17 3.36 -2.05	44.08 3.20 -3.16	45.20 2.93 -8.52	49.74 2.50 -12.53	51.53 2.09 -11.35	52.90 2.25 -12.44	56.54 2.63 -11.54	58.21 2.86 -9.99	60.98 3.54 -6.04	75.18 4.01 -12.97	100.75 4.94 -28.05	106.16 5.80 -19.79	104.14 7.49 -14.37	91.52 6.56 -3.93	67.11 4.74 -1.59	55.55 4.02 0.00	50.10 3.34 -2.82
PROJECT___ORANGE 1 24174	33.66 -0.55 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.59 -0.49 0.00	27.02 -0.47 0.00	30.20 -0.52 0.00	36.33 -0.52 0.00	37.19 -0.57 0.00	37.11 -0.60 0.00	33.14 -0.61 0.00	34.19 -0.52 0.00	37.52 -0.57 0.00	37.55 -0.69 -0.03	42.45 -0.68 -0.76	45.16 -0.64 -0.43	51.03 -0.87 -0.51	57.08 -0.81 0.30	66.25 -0.81 0.69	79.82 -0.89 -0.14	80.40 -0.82 1.06	79.31 -0.89 0.83	58.48 -0.91 1.38	49.70 -0.88 0.95	43.62 -0.79 -0.47
PROJECT___ORANGE 2 24166	33.66 -0.55 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.59 -0.49 0.00	27.02 -0.47 0.00	30.20 -0.52 0.00	36.33 -0.52 0.00	37.19 -0.57 0.00	37.11 -0.60 0.00	33.14 -0.61 0.00	34.19 -0.52 0.00	37.52 -0.57 0.00	37.55 -0.69 -0.03	42.45 -0.68 -0.76	45.16 -0.64 -0.43	51.03 -0.87 -0.51	57.08 -0.81 0.30	66.25 -0.81 0.69	79.82 -0.89 -0.14	80.40 -0.82 1.06	79.31 -0.89 0.83	58.48 -0.91 1.38	49.70 -0.88 0.95	43.62 -0.79 -0.47
PUCKETT___SOLAR 323809	34.32 0.10 0.00	30.63 0.21 -0.22	26.00 0.18 -0.04	27.63 0.19 -0.37	28.11 0.17 -0.46	31.91 0.22 -0.97	38.54 0.37 -1.33	39.42 0.30 -1.36	39.23 0.23 -1.29	34.04 0.00 -0.29	34.85 0.00 -0.14	38.63 0.00 -0.54	38.84 0.08 -0.57	44.13 0.08 -1.68	47.18 0.14 -1.68	53.89 0.26 -2.23	61.00 0.70 -2.10	71.37 1.28 -2.34	85.75 1.85 -3.33	84.92 2.30 -0.34	83.95 2.19 -0.73	62.81 1.40 -0.63	52.98 1.03 -0.43	45.70 0.70 -1.06
PYRITES___HYD 24023	34.28 0.07 0.00	30.14 -0.06 0.00	25.72 -0.05 0.00	27.02 -0.05 0.00	27.46 -0.03 0.00	30.91 0.18 0.00	37.25 0.41 0.00	38.03 0.26 0.00	37.87 0.15 0.00	33.75 0.00 0.00	34.54 -0.17 0.00	38.01 -0.08 0.00	38.16 -0.04 0.00	42.11 -0.25 0.00	44.95 -0.41 0.00	50.73 -0.67 0.00	57.27 -0.93 0.00	66.67 -1.08 0.00	79.76 -0.81 0.00	81.70 -0.58 0.00	81.28 0.24 0.00	61.20 0.43 0.00	51.58 0.05 0.00	44.33 0.40 0.00
QUAKERRD_115KV_BK1 80622	31.95 -2.26 0.00	27.46 -2.48 0.27	23.61 -2.11 0.05	24.40 -2.22 0.45	24.78 -2.14 0.56	27.20 -2.34 1.19	32.59 -2.62 1.64	33.56 -2.53 1.67	33.65 -2.53 1.54	31.03 -2.36 0.35	32.29 -2.26 0.17	35.08 -2.36 0.64	35.03 -2.52 0.65	38.44 -2.54 1.39	40.82 -2.54 2.00	45.23 -3.08 3.08	50.29 -3.20 4.71	57.85 -3.52 6.38	70.39 -4.19 5.99	73.10 -4.53 4.66	70.78 -4.62 5.64	51.38 -4.07 5.32	43.98 -3.81 3.73	39.31 -3.25 1.38
QUENSBRY_115KV_TB8 356137	36.47 2.26 0.00	32.44 2.24 0.00	27.73 1.96 0.00	29.05 1.98 0.00	29.44 1.95 0.00	32.88 2.15 0.00	39.20 2.36 0.00	39.84 2.08 0.00	39.45 1.73 0.00	35.27 1.52 0.00	36.27 1.56 0.00	39.92 1.83 0.00	40.19 1.99 0.00	44.70 2.33 0.00	47.86 2.49 0.00	54.43 3.03 0.00	62.10 3.90 0.00	72.77 5.01 0.00	86.53 5.96 0.00	89.52 7.24 0.00	87.60 6.56 0.00	65.63 4.86 0.00	55.49 3.97 0.00	47.06 3.12 0.00
RAMAPO___LBMP 323565	35.54 1.33 0.00	31.75 1.54 0.00	27.01 1.24 0.00	28.32 1.25 0.00	28.62 1.13 0.00	31.80 1.08 0.00	38.02 1.18 0.00	39.23 1.47 0.00	39.34 1.62 0.00	35.40 1.65 0.00	36.45 1.74 0.00	39.96 1.87 0.00	40.34 2.14 0.00	44.83 2.46 0.00	48.04 2.68 0.00	54.64 3.24 0.00	61.86 3.67 0.00	71.89 4.13 0.00	85.32 4.75 0.00	88.04 5.76 0.00	85.98 4.94 0.00	63.57 2.80 0.00	54.20 2.68 0.00	46.27 2.33 0.00

RANKINE____ 23646	31.10 -3.08 0.03	25.89 -2.78 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.36 -2.46 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.30 -2.37 3.53	32.52 -2.33 7.52	35.85 -2.27 7.25	38.25 -3.19 9.96	42.12 -3.14 12.94	48.21 -3.32 16.22	58.40 -4.51 17.65	67.74 -5.76 8.78	64.40 -6.00 10.64	43.68 -4.62 12.48	38.46 -4.48 8.58	34.90 -3.78 5.26
RAVENSWOOD_GT2_1 24244	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.57 6.04 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
RAVENSWOOD_GT2_2 24245	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.57 6.04 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
RAVENSWOOD_GT2_3 24246	35.99 1.78 0.00	32.23 2.02 0.00	27.48 1.70 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.84 2.08 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.45 3.14 -17.94	66.18 3.45 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.33 7.24 -24.81	87.43 6.40 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT2_4 24247	35.99 1.78 0.00	32.23 2.02 0.00	27.48 1.70 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.84 2.08 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.45 3.14 -17.94	66.18 3.45 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.33 7.24 -24.81	87.43 6.40 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT3_1 24248	35.99 1.78 0.00	32.23 2.02 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.84 2.08 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.57 6.04 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT3_2 24249	35.99 1.78 0.00	32.23 2.02 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.84 2.08 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.57 6.04 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT3_3 24250	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.73 2.36 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.22 3.49 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.52 6.48 0.00	64.72 3.95 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
RAVENSWOOD_GT3_4 24251	36.02 1.81 0.00	32.26 2.05 0.00	27.50 1.73 0.00	28.75 1.68 0.00	29.06 1.57 0.00	32.23 1.51 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.73 2.36 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.22 3.49 -17.37	92.50 4.16 -36.94	130.91 4.71 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.41 7.32 -24.81	87.52 6.48 0.00	64.72 3.95 0.00	57.30 3.61 -2.17	48.35 3.12 -1.29
RAVENSWOOD_GT_1 23729	36.16 1.95 0.00	32.36 2.14 -0.01	27.59 1.80 -0.01	28.87 1.79 -0.01	29.14 1.65 0.00	32.29 1.57 0.00	38.57 1.73 0.00	39.99 2.23 0.00	40.11 2.38 -0.02	43.29 2.33 -7.21	56.73 2.36 -19.66	59.22 2.51 -18.62	63.06 2.79 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.35 4.01 -36.94	130.62 4.42 -68.00	133.62 5.01 -60.85	128.32 5.80 -41.96	114.00 6.91 -24.81	87.27 6.24 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.35 3.12 -1.29
RAVENSWOOD_GT_10 24258	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.72 1.65 0.00	29.00 1.51 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.65 6.12 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT_11 24259	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.72 1.65 0.00	29.00 1.51 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.65 6.12 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT_4 24252	36.02 1.81 0.00	32.27 2.05 -0.01	27.51 1.73 -0.01	28.76 1.68 -0.01	29.06 1.57 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.35 4.01 -36.94	130.68 4.48 -68.00	133.69 5.08 -60.85	128.41 5.88 -41.96	114.08 6.99 -24.81	87.27 6.24 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
RAVENSWOOD_GT_5 24254	36.02 1.81 0.00	32.27 2.05 -0.01	27.51 1.73 -0.01	28.76 1.68 -0.01	29.06 1.57 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.35 4.01 -36.94	130.68 4.48 -68.00	133.69 5.08 -60.85	128.41 5.88 -41.96	114.08 6.99 -24.81	87.27 6.24 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
RAVENSWOOD_GT_6 24253	36.02 1.81 0.00	32.27 2.05 -0.01	27.51 1.73 -0.01	28.76 1.68 -0.01	29.06 1.57 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.35 4.01 -36.94	130.68 4.48 -68.00	133.69 5.08 -60.85	128.41 5.88 -41.96	114.08 6.99 -24.81	87.27 6.24 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29

RAVENSWOOD_GT_7 24255	36.02 1.81 0.00	32.27 2.05 -0.01	27.51 1.73 -0.01	28.76 1.68 -0.01	29.06 1.57 0.00	32.20 1.47 0.00	38.46 1.62 0.00	39.88 2.11 0.00	40.03 2.30 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.35 4.01 -36.94	130.68 4.48 -68.00	133.69 5.08 -60.85	128.41 5.88 -41.96	114.08 6.99 -24.81	87.27 6.24 0.00	64.60 3.83 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.72 1.65 0.00	29.00 1.51 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.65 6.12 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD_GT_9 24257	35.99 1.78 0.00	32.20 1.99 0.00	27.45 1.68 0.00	28.72 1.65 0.00	29.00 1.51 0.00	32.17 1.44 0.00	38.43 1.58 0.00	39.80 2.04 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.66 2.29 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.40 4.06 -36.94	130.80 4.60 -68.00	133.82 5.22 -60.85	128.65 6.12 -41.96	114.25 7.16 -24.81	87.35 6.32 0.00	64.60 3.83 0.00	57.25 3.56 -2.17	48.30 3.08 -1.29
RAVENSWOOD___1 23533	36.24 2.02 -0.01	32.42 2.20 -0.01	27.56 1.78 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.11 2.38 -0.02	43.26 2.30 -7.21	56.69 2.33 -19.66	59.18 2.47 -18.62	63.02 2.75 -22.07	63.49 3.18 -17.94	66.17 3.45 -17.37	92.35 4.01 -36.94	130.68 4.48 -68.00	133.69 5.08 -60.85	128.40 5.88 -41.96	114.00 6.91 -24.81	87.28 6.24 -0.01	64.73 3.95 -0.01	57.20 3.51 -2.17	48.30 3.07 -1.29
RAVENSWOOD___2 23534	36.24 2.02 -0.01	32.39 2.18 -0.01	27.54 1.75 -0.01	28.92 1.84 -0.01	29.23 1.73 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.69 2.33 -19.66	59.18 2.47 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.17 3.45 -17.37	92.24 3.90 -36.94	130.27 4.07 -68.00	133.08 4.47 -60.85	127.68 5.16 -41.96	113.34 6.25 -24.81	86.80 5.75 -0.01	64.55 3.77 -0.01	57.10 3.40 -2.17	48.22 2.99 -1.29
RAVENSWOOD___3 23535	36.09 1.88 0.00	32.26 2.05 0.00	27.43 1.65 0.00	28.81 1.73 0.00	29.11 1.62 0.00	32.26 1.54 0.00	38.42 1.58 0.00	39.84 2.08 0.00	40.00 2.26 -0.02	43.19 2.23 -7.21	56.69 2.33 -19.66	59.22 2.51 -18.62	63.02 2.75 -22.07	63.49 3.18 -17.94	66.22 3.49 -17.37	92.40 4.06 -36.94	130.86 4.66 -68.00	133.96 5.35 -60.85	128.73 6.20 -41.96	114.33 7.24 -24.81	87.44 6.40 -0.01	64.73 3.95 -0.01	57.20 3.51 -2.17	48.26 3.03 -1.29
RAVENSWOOD___4 23820	36.20 1.98 -0.01	32.39 2.18 -0.01	27.54 1.75 -0.01	28.89 1.81 -0.01	29.20 1.70 -0.01	32.38 1.66 0.00	38.54 1.70 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.69 2.33 -19.66	59.18 2.47 -18.62	63.02 2.75 -22.07	63.45 3.14 -17.94	66.13 3.40 -17.37	92.30 3.96 -36.94	130.62 4.42 -68.00	133.62 5.01 -60.85	128.33 5.80 -41.96	113.91 6.83 -24.81	87.20 6.16 -0.01	64.73 3.95 -0.01	57.20 3.51 -2.17	48.26 3.03 -1.29
RCPL_TRUST___DRP 24196	35.99 1.78 0.00	32.23 2.02 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.10 2.29 -7.05	56.33 2.39 -19.22	58.92 2.63 -18.21	62.64 2.87 -21.58	63.18 3.26 -17.54	65.93 3.58 -16.98	91.73 4.21 -36.12	129.52 4.83 -66.50	132.75 5.49 -59.51	127.96 6.36 -41.03	113.94 7.40 -24.26	87.52 6.48 0.00	64.72 3.95 0.00	57.31 3.66 -2.13	48.32 3.12 -1.26
RED___ROCHESTER 323720	32.60 -1.61 0.00	27.98 -1.96 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.74 -1.81 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.92 -1.52 0.64	35.87 -1.68 0.65	39.38 -1.61 1.38	41.57 -1.82 1.98	46.43 -1.95 3.02	51.75 -1.80 4.64	59.62 -1.83 6.31	72.69 -1.93 5.95	75.27 -2.47 4.54	72.87 -2.67 5.49	52.99 -2.67 5.11	45.57 -2.37 3.59	40.31 -2.37 1.26
REGAN___SOLAR 323812	36.02 1.81 0.00	32.02 1.81 0.00	27.37 1.60 0.00	28.70 1.62 0.00	29.11 1.62 0.00	32.47 1.75 0.00	38.54 1.70 0.00	38.71 0.94 0.00	38.02 0.30 0.00	33.72 -0.03 0.00	34.50 -0.21 0.00	37.90 -0.19 0.00	38.12 -0.08 0.00	42.37 0.00 0.00	45.41 0.05 0.00	51.71 0.31 0.00	59.19 0.99 0.00	69.86 2.10 0.00	84.83 4.27 0.00	88.61 6.34 0.00	87.43 6.40 0.00	65.15 4.38 0.00	55.08 3.55 0.00	46.66 2.73 0.00
RENSSELAER___COGEN 23796	34.89 0.68 0.00	31.17 0.97 0.00	26.62 0.85 0.00	27.94 0.87 0.00	28.31 0.82 0.00	31.52 0.80 0.00	37.43 0.59 0.00	38.29 0.53 0.00	38.13 0.42 0.00	34.19 0.44 0.00	35.09 0.38 0.00	38.47 0.38 0.00	38.73 0.53 0.00	43.04 0.68 0.00	46.09 0.72 0.00	51.96 0.57 0.00	58.90 0.70 0.00	68.50 0.75 0.00	81.61 1.04 0.00	84.01 1.73 0.00	82.41 1.38 0.00	61.56 0.79 0.00	52.19 0.67 0.00	44.55 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.63 3.42 0.00	33.53 3.32 0.00	28.74 2.96 0.00	30.02 2.95 0.00	30.43 2.94 0.00	33.98 3.26 0.00	40.45 3.61 0.00	40.89 3.13 0.00	40.32 2.60 0.00	35.98 2.23 0.00	37.04 2.33 0.00	40.91 2.82 0.00	41.18 2.98 0.00	45.89 3.52 0.00	49.08 3.72 0.00	55.87 4.47 0.00	63.96 5.76 0.00	75.34 7.59 0.00	90.40 9.83 0.00	94.29 12.01 0.00	92.13 11.10 0.00	68.86 8.08 0.00	57.97 6.44 0.00	48.95 5.01 0.00
REVERE_CPPR_DRP 24186	34.76 0.55 0.00	30.75 0.54 0.00	26.26 0.49 0.00	27.56 0.49 0.00	27.98 0.49 0.00	31.40 0.68 0.00	37.73 0.88 0.00	38.55 0.79 0.00	38.36 0.64 0.00	34.09 0.34 0.00	35.09 0.38 0.00	38.51 0.42 0.00	38.71 0.50 -0.02	43.25 0.51 -0.37	46.09 0.50 -0.22	52.24 0.57 -0.28	59.16 1.05 0.09	69.21 1.69 0.24	83.05 2.34 -0.14	85.07 3.21 0.41	83.99 3.24 0.28	62.45 2.25 0.58	52.63 1.49 0.39	45.46 1.27 -0.25
REYNLDDPA_13_KV_LD 356490	34.21 0.00 0.00	30.05 -0.15 0.00	25.62 -0.15 0.00	26.97 -0.11 0.00	27.41 -0.08 0.00	30.76 0.03 0.00	37.03 0.19 0.00	37.95 0.19 0.00	37.98 0.27 0.00	33.95 0.20 0.00	34.85 0.14 0.00	38.32 0.23 0.00	38.47 0.27 0.00	42.50 0.13 0.00	45.41 0.05 0.00	51.45 0.05 0.00	57.50 -0.70 0.00	66.80 -0.95 0.00	79.44 -1.13 0.00	80.80 -1.48 0.00	80.06 -0.97 0.00	60.35 -0.42 0.00	50.91 -0.62 0.00	44.03 0.09 0.00
REYNOLDS_115KV_TB3 80639	35.17 0.96 0.00	31.41 1.21 0.00	26.81 1.03 0.00	28.13 1.06 0.00	28.48 0.99 0.00	31.74 1.01 0.00	37.73 0.88 0.00	38.63 0.87 0.00	38.47 0.75 0.00	34.46 0.71 0.00	35.37 0.66 0.00	38.74 0.65 0.00	39.04 0.84 0.00	43.30 0.93 0.00	46.36 1.00 0.00	52.53 1.13 0.00	59.42 1.22 0.00	69.11 1.36 0.00	82.34 1.77 0.00	84.83 2.55 0.00	83.22 2.19 0.00	62.23 1.46 0.00	52.86 1.34 0.00	45.04 1.10 0.00

RIVERBAY____ 323610	36.84 2.63 0.00	33.02 2.81 -0.01	28.13 2.35 -0.01	29.44 2.36 -0.01	29.72 2.23 0.00	32.94 2.21 -0.01	39.24 2.39 0.00	40.63 2.87 0.00	40.52 2.79 -0.02	36.62 2.63 -0.23	38.03 2.67 -0.65	59.57 2.86 -18.62	42.08 3.13 -0.75	63.87 3.56 -17.94	49.81 3.86 -0.59	92.86 4.52 -36.94	131.26 5.06 -68.00	134.43 5.83 -60.85	129.29 6.77 -41.96	115.15 8.06 -24.81	88.49 7.46 0.00	65.88 5.10 0.00	55.78 4.17 -0.08	48.83 3.60 -1.29
RIVERSIDE_115KV_TB3 55908	35.07 0.86 0.00	31.32 1.12 0.00	26.75 0.98 0.00	28.05 0.97 0.00	28.42 0.93 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.48 0.72 0.00	38.32 0.60 0.00	34.32 0.57 0.00	35.27 0.56 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.17 0.81 0.00	46.22 0.86 0.00	52.32 0.93 0.00	59.19 0.99 0.00	68.84 1.08 0.00	82.10 1.53 0.00	84.58 2.30 0.00	82.90 1.86 0.00	61.99 1.22 0.00	52.66 1.13 0.00	44.86 0.92 0.00
ROARING____BROOK_WT_PWR 323790	33.60 -0.61 0.00	29.63 -0.57 0.00	25.34 -0.44 0.00	26.67 -0.41 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.51 -0.33 0.00	37.50 -0.26 0.00	37.53 -0.19 0.00	33.62 -0.13 0.00	34.57 -0.14 0.00	37.90 -0.19 0.00	37.97 -0.23 0.00	42.03 -0.34 0.00	44.95 -0.41 0.00	50.83 -0.56 0.00	57.50 -0.70 0.00	67.01 -0.74 0.00	79.76 -0.81 0.00	81.45 -0.82 0.00	80.14 -0.89 0.00	60.11 -0.67 0.00	50.85 -0.67 0.00	43.37 -0.57 0.00
ROCHESRG_115KV_T4 355643	32.19 -2.02 0.00	27.58 -2.33 0.30	23.73 -1.98 0.06	24.48 -2.08 0.51	24.84 -2.01 0.64	27.22 -2.15 1.35	32.58 -2.39 1.86	33.60 -2.27 1.90	33.70 -2.26 1.76	31.22 -2.13 0.40	32.54 -1.98 0.19	35.30 -2.06 0.73	35.28 -2.18 0.74	38.63 -2.16 1.58	41.01 -2.13 2.22	45.29 -2.72 3.39	50.43 -2.68 5.09	57.98 -2.91 6.86	70.51 -3.54 6.51	73.45 -3.95 4.88	71.00 -4.13 5.90	51.43 -3.71 5.64	43.97 -3.61 3.95	39.40 -3.03 1.51
ROCHESTER_9_IC 23652	32.43 -1.78 0.00	27.82 -2.14 0.24	23.90 -1.83 0.05	24.77 -1.90 0.41	25.16 -1.81 0.51	27.70 -1.94 1.09	33.21 -2.14 1.50	34.26 -1.96 1.54	34.32 -1.96 1.44	31.56 -1.86 0.33	32.85 -1.70 0.16	35.78 -1.71 0.60	35.76 -1.83 0.61	39.34 -1.74 1.29	41.87 -1.63 1.86	46.34 -2.16 2.90	51.68 -2.04 4.48	59.47 -2.17 6.11	72.26 -2.66 5.65	74.64 -3.04 4.59	72.24 -3.24 5.55	52.46 -3.10 5.21	44.77 -3.09 3.66	39.98 -2.64 1.32
ROCKVIEW_13_KV_LD 356306	35.95 1.74 0.00	32.14 1.93 0.00	27.35 1.57 0.00	28.64 1.57 0.00	28.95 1.46 0.00	32.14 1.41 0.00	38.43 1.58 0.00	39.72 1.96 0.00	39.87 2.15 0.00	35.91 2.16 0.00	36.97 2.26 0.00	40.53 2.44 0.00	40.91 2.71 0.00	45.46 3.09 0.00	48.76 3.40 0.00	55.46 4.06 0.00	62.85 4.66 0.00	73.04 5.28 0.00	86.77 6.20 0.00	89.60 7.32 0.00	87.52 6.48 0.00	64.54 3.77 0.00	55.03 3.50 0.00	46.93 2.99 0.00
ROME____115KV_TB2 80656	34.76 0.55 0.00	30.75 0.54 0.00	26.26 0.49 0.00	27.56 0.49 0.00	27.98 0.49 0.00	31.40 0.68 0.00	37.73 0.88 0.00	38.55 0.79 0.00	38.36 0.64 0.00	34.09 0.34 0.00	35.09 0.38 0.00	38.51 0.42 0.00	38.71 0.50 -0.02	43.25 0.51 -0.37	46.09 0.50 -0.22	52.24 0.57 -0.28	59.16 1.05 0.09	69.21 1.69 0.24	83.05 2.34 -0.14	85.07 3.21 0.41	83.99 3.24 0.28	62.45 2.25 0.58	52.63 1.49 0.39	45.46 1.27 -0.25
ROSETON____1 23587	35.58 1.37 0.00	31.74 1.54 0.00	27.01 1.24 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.02 1.18 0.00	39.23 1.47 0.00	39.30 1.58 0.00	35.34 1.59 0.00	36.38 1.67 0.00	39.88 1.79 0.00	40.22 2.02 0.00	44.74 2.37 0.00	47.95 2.58 0.00	54.43 3.03 0.00	61.69 3.49 0.00	71.75 4.00 0.00	85.16 4.59 0.00	87.79 5.51 0.00	85.81 4.78 0.00	63.63 2.86 0.00	54.10 2.58 0.00	46.18 2.24 0.00
ROSETON____2 23588	35.58 1.37 0.00	31.74 1.54 0.00	27.01 1.24 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.02 1.18 0.00	39.23 1.47 0.00	39.30 1.58 0.00	35.34 1.59 0.00	36.38 1.67 0.00	39.88 1.79 0.00	40.22 2.02 0.00	44.74 2.37 0.00	47.95 2.58 0.00	54.43 3.03 0.00	61.69 3.49 0.00	71.75 4.00 0.00	85.16 4.59 0.00	87.79 5.51 0.00	85.81 4.78 0.00	63.63 2.86 0.00	54.10 2.58 0.00	46.18 2.24 0.00
ROTTDRAM_115KV_TB3 80664	35.13 0.92 0.00	31.20 1.00 0.00	26.63 0.85 0.00	27.94 0.87 0.00	28.34 0.85 0.00	31.58 0.86 0.00	37.73 0.88 0.00	38.55 0.79 0.00	38.40 0.68 0.00	34.36 0.61 0.00	35.30 0.59 0.00	38.70 0.61 0.00	38.93 0.73 0.00	43.17 0.81 0.00	46.22 0.86 0.00	52.48 1.08 0.00	59.54 1.34 0.00	69.38 1.63 0.00	82.74 2.18 0.00	85.16 2.88 0.00	83.71 2.67 0.00	62.60 1.82 0.00	53.12 1.60 0.00	45.17 1.23 0.00
RUSSELL____1 23602	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38
RUSSELL____2 23532	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38
RUSSELL____3 23549	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38
RUSSELL____4 23556	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38
RUSSELL____STATION 23914	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38

S SALMON___HYD 24043	33.80 -0.41 0.00	29.84 -0.36 0.00	25.47 -0.31 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.45 -0.28 0.00	36.66 -0.18 0.00	37.42 -0.34 0.00	37.27 -0.45 0.00	33.14 -0.61 0.00	34.12 -0.59 0.00	37.48 -0.61 0.00	37.59 -0.69 -0.07	43.15 -0.85 -1.63	45.75 -0.95 -1.35	52.50 -1.03 -2.13	58.92 -0.93 -1.65	69.08 -0.74 -2.07	82.96 -0.48 -2.87	83.93 0.08 -1.57	84.13 0.24 -2.85	61.69 0.06 -0.85	52.06 -0.15 -0.69	45.27 -0.22 -1.55
S.PERRY___115KV_TB1 80734	33.43 -0.86 -0.08	33.83 -1.18 -4.81	25.71 -0.98 -0.91	34.15 -1.03 -8.11	36.68 -0.91 -10.09	51.25 -0.86 -21.38	65.53 -0.74 -29.42	66.81 -0.91 -29.95	62.04 -1.21 -25.53	38.10 -1.48 -5.84	36.10 -1.35 -2.74	47.28 -1.45 -10.64	47.45 -1.49 -10.74	63.94 -1.36 -22.93	69.88 -1.18 -25.70	81.12 -3.50 -33.21	93.62 -3.67 -39.09	110.33 -3.46 -46.04	132.60 -3.22 -55.26	93.40 -2.72 -13.84	95.33 -2.51 -16.81	83.74 -2.19 -25.16	65.88 -2.52 -16.88	57.09 -0.92 -14.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.76 -3.42 0.02	25.53 -3.29 1.38	22.71 -2.78 0.28	21.84 -2.92 2.31	21.76 -2.86 2.87	21.55 -3.13 6.04	25.08 -3.46 8.30	25.95 -3.21 8.60	27.02 -3.21 7.49	28.99 -3.04 1.73	30.97 -2.92 0.83	31.91 -3.05 3.13	31.99 -3.06 3.15	32.54 -3.14 6.69	35.71 -3.13 6.52	38.37 -4.01 9.02	42.23 -4.07 11.89	48.34 -4.47 14.94	58.23 -5.80 16.54	66.84 -6.99 8.44	63.51 -7.29 10.23	43.23 -5.77 11.77	37.99 -5.41 8.12	34.61 -4.48 4.85
SAWYER___23_KV_LOAD 55526	30.76 -3.42 0.02	25.53 -3.29 1.38	22.71 -2.78 0.28	21.84 -2.92 2.31	21.76 -2.86 2.87	21.55 -3.13 6.04	25.08 -3.46 8.30	25.95 -3.21 8.60	27.02 -3.21 7.49	28.99 -3.04 1.73	30.97 -2.92 0.83	31.91 -3.05 3.13	31.99 -3.06 3.15	32.54 -3.14 6.69	35.71 -3.13 6.52	38.37 -4.01 9.02	42.23 -4.07 11.89	48.34 -4.47 14.94	58.23 -5.80 16.54	66.84 -6.99 8.44	63.51 -7.29 10.23	43.23 -5.77 11.77	37.99 -5.41 8.12	34.61 -4.48 4.85
SELKIRK___I 23801	35.10 0.89 0.00	31.29 1.09 0.00	26.73 0.95 0.00	28.05 0.97 0.00	28.42 0.94 0.00	31.62 0.89 0.00	37.62 0.77 0.00	38.40 0.64 0.00	38.17 0.45 0.00	34.16 0.41 0.00	35.09 0.38 0.00	38.47 0.38 0.00	38.73 0.53 0.00	43.01 0.64 0.00	46.04 0.68 0.00	51.96 0.57 0.00	58.95 0.75 0.00	67.42 -0.34 0.00	80.49 -0.08 0.00	83.02 0.74 0.00	81.52 0.49 0.00	60.96 0.18 0.00	51.68 0.16 0.00	44.11 0.18 0.00
SELKIRK___II 23799	34.89 0.68 0.00	31.08 0.88 0.00	26.55 0.77 0.00	27.86 0.79 0.00	28.26 0.77 0.00	31.43 0.71 0.00	37.43 0.59 0.00	38.33 0.57 0.00	38.21 0.49 0.00	34.22 0.47 0.00	35.16 0.45 0.00	38.51 0.42 0.00	38.77 0.57 0.00	43.04 0.68 0.00	46.13 0.77 0.00	51.76 0.36 0.00	58.61 0.41 0.00	68.09 0.34 0.00	81.05 0.49 0.00	83.34 1.07 0.00	81.84 0.81 0.00	61.20 0.43 0.00	51.89 0.36 0.00	44.29 0.35 0.00
SENECA OSWGO___HYD 24041	33.36 -0.85 0.00	29.39 -0.81 0.00	25.08 -0.69 0.00	26.34 -0.73 0.00	26.75 -0.74 0.00	29.93 -0.80 0.00	35.96 -0.88 0.00	36.78 -0.98 0.00	32.77 -1.06 0.00	33.77 -0.98 0.00	37.06 -1.03 0.00	37.09 -1.22 -0.11	43.52 -1.31 -2.47	46.16 -1.36 -2.16	53.39 -1.54 -3.53	59.75 -1.63 -3.18	70.17 -1.76 -4.18	83.82 -1.85 -5.10	83.98 -1.81 -3.51	84.93 -1.78 -5.68	61.68 -1.52 -2.42	52.09 -1.29 -1.85	45.21 -1.23 -2.50	
SENECA___115KV_TB3 355854	31.17 -3.01 0.03	25.98 -2.69 1.54	23.15 -2.32 0.30	22.06 -2.44 2.58	21.89 -2.39 3.21	21.34 -2.61 6.77	24.73 -2.80 9.31	25.68 -2.53 9.55	26.76 -2.57 8.39	29.36 -2.46 1.93	31.50 -2.29 0.92	32.30 -2.28 3.50	32.30 -2.37 3.53	32.40 -2.46 7.52	35.26 -2.86 7.25	38.31 -3.14 9.95	42.16 -3.09 12.95	48.34 -3.18 16.23	58.95 -3.95 17.67	68.79 -5.43 8.05	65.60 -5.67 9.76	45.11 -4.43 11.23	40.07 -3.71 7.74	35.64 -3.69 4.61
SENECA___ENERGY 23797	34.19 -0.03 -0.01	30.88 -0.06 -0.74	25.84 -0.08 -0.14	28.21 -0.11 -1.25	28.99 -0.05 -1.55	34.04 0.03 -3.29	41.62 0.26 -4.52	42.55 0.19 -4.60	41.66 0.04 -3.91	34.51 -0.13 -0.89	35.10 -0.03 -0.42	39.68 -0.04 -1.63	39.82 -0.08 -1.70	47.04 -0.04 -4.71	50.23 -0.05 -4.91	58.07 0.05 -6.62	65.76 0.46 -7.10	77.18 1.02 -8.41	92.65 1.61 -10.47	86.78 1.73 -2.77	86.71 1.62 -4.06	65.46 0.91 -3.77	54.75 0.62 -2.60	47.08 0.13 -3.01
SHOEMAKER___GT 23640	35.34 1.13 0.00	31.50 1.30 0.00	26.78 1.00 0.00	28.13 1.05 0.00	28.45 0.96 0.00	31.65 0.92 0.00	37.76 0.92 0.00	38.93 1.17 0.00	38.96 1.24 0.00	34.96 1.21 0.00	35.99 1.29 0.00	39.50 1.41 0.00	39.84 1.64 0.00	44.28 1.91 0.00	47.49 2.13 0.00	53.97 2.57 0.00	61.22 3.02 0.00	71.27 3.52 0.00	84.59 4.03 0.00	87.21 4.94 0.00	85.32 4.29 0.00	63.38 2.61 0.00	53.79 2.26 0.00	45.87 1.93 0.00
SHOEMAKR_138KV_BK 111 55601	35.30 1.09 0.00	31.47 1.27 0.00	26.81 1.03 0.00	28.10 1.03 0.00	28.40 0.91 0.00	31.58 0.86 0.00	37.76 0.92 0.00	38.93 1.17 0.00	39.00 1.28 0.00	35.00 1.25 0.00	35.99 1.28 0.00	39.54 1.45 0.00	39.88 1.68 0.00	44.28 1.91 0.00	47.45 2.09 0.00	53.97 2.57 0.00	61.16 2.97 0.00	71.21 3.46 0.00	84.52 3.95 0.00	87.21 4.94 0.00	85.25 4.21 0.00	63.26 2.49 0.00	53.79 2.27 0.00	45.87 1.93 0.00
SHOREHAM_IC_1 23715	41.54 2.57 -4.76	35.78 2.90 -2.67	30.77 2.40 -2.60	29.63 2.49 -0.07	29.85 2.36 0.00	33.97 2.58 -0.66	39.80 2.88 -0.08	43.17 3.36 -2.05	44.08 3.20 -3.16	45.20 2.93 -8.52	49.74 2.50 -12.53	51.53 2.09 -11.35	52.90 2.25 -12.44	56.54 2.63 -11.54	58.21 2.86 -9.99	60.98 3.54 -6.04	75.18 4.01 -12.97	100.75 4.94 -28.05	106.16 5.80 -19.79	104.14 7.49 -14.37	91.52 6.56 -3.93	67.11 4.74 -1.59	55.55 4.02 0.00	50.10 3.34 -2.82
SHOREHAM_IC_2 23716	41.54 2.57 -4.76	35.78 2.90 -2.67	30.77 2.40 -2.60	29.63 2.49 -0.07	29.85 2.36 0.00	33.97 2.58 -0.66	39.80 2.88 -0.08	43.17 3.36 -2.05	44.08 3.20 -3.16	45.20 2.93 -8.52	49.74 2.50 -12.53	51.53 2.09 -11.35	52.90 2.25 -12.44	56.54 2.63 -11.54	58.21 2.86 -9.99	60.98 3.54 -6.04	75.18 4.01 -12.97	100.75 4.94 -28.05	106.16 5.80 -19.79	104.14 7.49 -14.37	91.52 6.56 -3.93	67.11 4.74 -1.59	55.55 4.02 0.00	50.10 3.34 -2.82
SISSONVILLE____ 23735	33.77 -0.44 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.61 -0.46 0.00	27.08 -0.41 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.57 -0.19 0.00	37.49 -0.23 0.00	33.48 -0.27 0.00	34.29 -0.42 0.00	37.75 -0.34 0.00	37.89 -0.31 0.00	41.82 -0.55 0.00	44.64 -0.73 0.00	50.27 -1.13 0.00	56.63 -1.57 0.00	65.72 -2.03 0.00	78.39 -2.18 0.00	80.06 -2.22 0.00	79.49 -1.54 0.00	59.80 -0.97 0.00	50.60 -0.93 0.00	43.50 -0.44 0.00
SITHE_IND_GS1 24169	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.74 -0.98 0.00	35.70 -1.14 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.57 -1.14 0.00	36.83 -1.26 0.00	36.39 -1.49 0.32	33.52 -1.65 7.20	35.53 -1.77 8.06	34.75 -1.95 14.69	36.99 -2.15 19.06	38.10 -2.37 27.28	52.14 -2.66 25.77	53.12 -2.64 26.52	42.10 -2.67 36.26	35.31 -2.19 23.28	32.71 -1.85 16.96	32.71 -1.67 9.56

SITHE_IND_GS2 24170	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.74 -0.98 0.00	35.70 -1.14 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.57 -1.14 0.00	36.83 -1.26 0.00	36.39 -1.49 0.32	33.52 -1.65 7.20	35.53 -1.77 8.06	34.75 -1.95 14.69	36.99 -2.15 19.06	38.10 -2.37 27.28	52.14 -2.66 25.77	53.12 -2.64 26.52	42.10 -2.67 36.26	35.31 -2.19 23.28	32.71 -1.85 16.96	32.71 -1.67 9.56
SITHE_IND_GS3 24171	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.74 -0.98 0.00	35.70 -1.14 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.57 -1.14 0.00	36.83 -1.26 0.00	36.39 -1.49 0.32	33.52 -1.65 7.20	35.53 -1.77 8.06	34.75 -1.95 14.69	36.99 -2.15 19.06	38.10 -2.37 27.28	52.14 -2.66 25.77	53.12 -2.64 26.52	42.10 -2.67 36.26	35.31 -2.19 23.28	32.71 -1.85 16.96	32.71 -1.67 9.56
SITHE_IND_GS4 24172	33.15 -1.06 0.00	29.21 -1.00 0.00	24.93 -0.85 0.00	26.18 -0.89 0.00	26.58 -0.91 0.00	29.74 -0.98 0.00	35.70 -1.14 0.00	36.52 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.57 -1.14 0.00	36.83 -1.26 0.00	36.39 -1.49 0.32	33.52 -1.65 7.20	35.53 -1.77 8.06	34.75 -1.95 14.69	36.99 -2.15 19.06	38.10 -2.37 27.28	52.14 -2.66 25.77	53.12 -2.64 26.52	42.10 -2.67 36.26	35.31 -2.19 23.28	32.71 -1.85 16.96	32.71 -1.67 9.56
SITHE___BATAVIA 24024	31.63 -2.57 0.01	26.77 -2.60 0.84	23.37 -2.24 0.16	23.30 -2.36 1.41	23.50 -2.23 1.76	24.67 -2.34 3.72	29.18 -2.54 5.12	30.27 -2.26 5.22	30.81 -2.26 4.65	30.32 -2.36 1.07	32.02 -2.19 0.51	34.02 -2.13 1.94	33.91 -2.33 1.96	35.86 -2.68 4.18	37.48 -3.08 5.21	41.08 -3.03 7.23	45.53 -2.98 9.64	52.54 -3.14 12.23	64.54 -3.78 12.88	72.29 -3.73 6.21	69.79 -3.64 7.52	49.10 -3.09 8.03	42.88 -3.09 5.56	38.02 -3.08 2.84
SITHE___INDEPEND 23800	33.15 -1.06 0.00	29.21 -1.00 0.00	24.92 -0.85 0.00	26.18 -0.89 0.00	26.61 -0.88 0.00	29.74 -0.98 0.00	35.70 -1.14 0.00	36.51 -1.25 0.00	36.43 -1.28 0.00	32.57 -1.18 0.00	33.56 -1.15 0.00	36.83 -1.26 0.00	36.39 -1.49 0.32	33.56 -1.61 7.20	35.62 -1.68 8.06	34.75 -1.95 14.69	36.99 -2.15 19.06	38.10 -2.37 27.28	52.06 -2.74 25.77	53.04 -2.72 26.52	42.02 -2.76 36.26	35.31 -2.19 23.28	32.61 -1.96 16.96	32.67 -1.71 9.56
SITHE___MASSENA 23902	34.14 -0.07 0.00	30.00 -0.21 0.00	25.57 -0.21 0.00	26.91 -0.16 0.00	27.35 -0.14 0.00	30.69 -0.03 0.00	36.95 0.11 0.00	37.87 0.11 0.00	37.87 0.15 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.20 0.11 0.00	38.35 0.15 0.00	42.37 0.00 0.00	45.27 -0.09 0.00	51.24 -0.15 0.00	57.67 -0.52 0.00	67.08 -0.68 0.00	79.76 -1.07 0.00	81.21 -1.07 0.00	80.47 -0.56 0.00	60.53 -0.24 0.00	51.27 -0.26 0.00	43.94 0.00 0.00
SITHE___OGDNSBRG 24021	34.35 0.14 0.00	30.17 -0.03 0.00	25.75 -0.03 0.00	27.05 -0.03 0.00	27.52 0.03 0.00	30.94 0.22 0.00	37.28 0.44 0.00	38.06 0.30 0.00	37.90 0.19 0.00	33.82 0.07 0.00	34.61 -0.10 0.00	38.09 0.00 0.00	38.24 0.04 0.00	42.20 -0.17 0.00	45.09 -0.27 0.00	50.99 -0.41 0.00	57.50 -0.70 0.00	66.94 -0.81 0.00	80.08 -0.48 0.00	81.95 -0.33 0.00	81.52 0.49 0.00	61.32 0.55 0.00	51.68 0.15 0.00	44.42 0.48 0.00
SITHE___STERLING 23777	34.62 0.41 0.00	30.63 0.42 0.00	26.14 0.36 0.00	27.42 0.35 0.00	27.85 0.36 0.00	31.19 0.46 0.00	37.47 0.63 0.00	38.29 0.53 0.00	38.13 0.42 0.00	33.95 0.20 0.00	34.95 0.24 0.00	38.36 0.27 0.00	38.52 0.30 -0.02	43.12 0.34 -0.41	45.92 0.32 -0.24	52.09 0.41 -0.29	58.87 0.81 0.14	68.70 1.28 0.34	82.52 1.85 -0.10	84.21 2.47 0.53	83.06 2.43 0.40	61.70 1.64 0.71	52.17 1.13 0.49	45.08 0.88 -0.26
SLEIGHT__34_KV_TB1 80719	32.77 -1.44 0.00	28.54 -1.66 0.00	24.36 -1.42 0.00	25.58 -1.49 0.00	26.08 -1.40 0.01	29.21 -1.51 0.01	35.24 -1.58 0.02	36.19 -1.55 0.02	35.14 -1.58 0.99	31.97 -1.55 0.23	33.22 -1.39 0.11	36.23 -1.45 0.41	36.23 -1.57 0.41	40.17 -1.53 0.67	42.73 -1.45 1.18	47.67 -1.85 1.88	53.25 -1.75 3.20	61.56 -1.76 4.44	74.65 -2.01 3.91	76.70 -2.14 3.44	74.73 -2.27 4.03	54.57 -2.25 3.96	46.49 -2.27 2.77	41.15 -2.02 0.77
SOUTH CAIRO___GT 23612	35.78 1.57 0.00	31.93 1.72 0.00	27.22 1.44 0.00	28.54 1.46 0.00	28.86 1.37 0.00	32.14 1.41 0.00	38.17 1.33 0.00	38.89 1.13 0.00	38.51 0.79 0.00	34.29 0.54 0.00	35.16 0.45 0.00	38.66 0.57 0.00	38.96 0.76 0.00	43.39 1.02 0.00	46.50 1.13 0.00	52.73 1.34 0.00	59.88 1.69 0.00	70.12 2.37 0.00	84.19 3.63 0.00	87.38 5.10 0.00	85.49 4.46 0.00	63.93 3.16 0.00	54.00 2.47 0.00	45.92 1.98 0.00
SOUTH HAMPTN___IC 23720	41.60 2.63 -4.76	35.77 2.90 -2.67	30.79 2.42 -2.59	29.66 2.52 -0.07	29.91 2.42 0.00	34.12 2.73 -0.66	40.06 3.13 -0.08	43.51 3.70 -2.04	44.53 3.66 -3.16	45.66 3.41 -8.50	50.31 3.09 -12.51	52.20 2.78 -11.33	53.53 2.90 -12.43	57.24 3.35 -11.52	58.92 3.58 -9.98	61.79 4.37 -6.02	76.15 5.01 -12.95	101.68 5.96 -27.97	107.13 6.93 -19.63	105.01 8.48 -14.25	92.35 7.45 -3.86	67.56 5.23 -1.56	55.90 4.38 0.00	50.40 3.64 -2.81
SOUTHDOW__115KV_TB1 355954	31.83 -2.36 0.02	26.89 -1.93 1.38	23.80 -1.70 0.27	22.89 -1.87 2.32	22.79 -1.81 2.88	22.67 -1.97 6.09	26.48 -1.99 8.37	27.60 -1.59 8.58	28.66 -1.43 7.62	30.68 -1.32 1.75	32.77 -1.11 0.83	33.88 -1.03 3.18	34.00 -0.99 3.21	34.65 -0.89 6.83	38.02 -0.77 6.57	41.08 -1.28 9.03	45.44 -0.99 11.76	52.31 -0.68 14.77	63.30 -1.29 15.98	71.27 -2.96 8.05	67.88 -3.40 9.75	46.63 -2.73 11.41	40.48 -3.19 7.85	36.20 -2.94 4.79
SOUTHOLD_69_KV_BK 2 55809	41.43 2.46 -4.76	35.65 2.78 -2.67	30.74 2.37 -2.59	29.50 2.36 -0.07	29.69 2.20 0.00	33.21 2.49 0.00	40.31 3.39 -0.08	43.84 4.04 -2.04	44.98 4.11 -3.16	46.07 3.81 -8.50	50.83 3.61 -12.52	52.73 3.31 -11.33	53.99 3.36 -12.43	57.66 3.77 -11.52	59.29 3.95 -9.98	62.41 4.99 -6.02	76.68 5.53 -12.95	102.09 6.37 -27.97	107.70 7.49 -19.64	105.42 8.89 -14.25	92.68 7.78 -3.86	67.14 4.80 -1.56	55.75 4.23 0.00	50.58 3.82 -2.82
SOUTHOLD___IC 23719	41.50 2.53 -4.76	35.68 2.81 -2.67	30.71 2.35 -2.59	29.58 2.44 -0.07	29.88 2.39 0.00	34.18 2.80 -0.66	40.31 3.39 -0.08	43.85 4.04 -2.04	44.98 4.11 -3.16	46.07 3.81 -8.50	50.83 3.61 -12.52	52.73 3.31 -11.33	53.99 3.36 -12.43	57.71 3.81 -11.52	59.38 4.04 -9.98	62.31 4.89 -6.02	76.73 5.59 -12.95	102.29 6.57 -27.97	107.86 7.66 -19.64	105.58 9.05 -14.25	92.84 7.95 -3.86	67.92 5.59 -1.56	56.11 4.58 0.00	50.57 3.82 -2.82
SOUTH_FORK_WT_PWR 323839	41.09 2.12 -4.76	35.35 2.48 -2.67	30.40 2.04 -2.59	29.28 2.14 -0.07	29.61 2.12 -0.66	33.96 2.58 -0.66	40.13 3.20 -0.08	43.73 3.93 -2.04	44.95 4.07 -3.16	46.03 3.78 -8.50	50.77 3.54 -12.51	52.58 3.16 -11.33	53.80 3.17 -12.43	57.41 3.51 -11.52	58.97 3.63 -9.98	61.79 4.37 -6.02	76.15 5.01 -12.95	101.47 5.76 -27.97	106.89 6.68 -19.64	104.68 8.15 -14.25	91.94 7.05 -3.86	67.26 4.92 -1.56	55.59 4.07 0.00	50.14 3.38 -2.81

SPIERFLS_115KV_TB 1 80737	36.23 2.02 0.00	32.23 2.02 0.00	27.55 1.78 0.00	28.86 1.79 0.00	29.25 1.76 0.00	32.63 1.90 0.00	38.94 2.10 0.00	39.61 1.85 0.00	39.26 1.55 0.00	35.10 1.35 0.00	36.10 1.39 0.00	39.69 1.60 0.00	39.96 1.76 0.00	44.45 2.08 0.00	47.58 2.22 0.00	54.07 2.67 0.00	61.63 3.43 0.00	72.16 4.40 0.00	85.97 5.40 0.00	88.94 6.66 0.00	86.95 5.92 0.00	65.27 4.50 0.00	55.18 3.66 0.00	46.84 2.90 0.00
ST LAWRENCE____ 23600	33.93 -0.27 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.51 -0.21 0.00	36.69 -0.15 0.00	37.61 -0.15 0.00	37.64 -0.08 0.00	33.65 -0.10 0.00	34.57 -0.14 0.00	37.98 -0.11 0.00	38.12 -0.08 0.00	42.20 -0.17 0.00	45.09 -0.27 0.00	51.09 -0.31 0.00	57.56 -0.64 0.00	66.94 -0.81 0.00	79.52 -1.05 0.00	80.80 -1.48 0.00	79.90 -1.13 0.00	60.22 -0.55 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
STATE_CA_115KV_115_LB 55624	35.03 0.82 0.00	31.35 1.15 0.00	26.78 1.01 0.00	28.08 1.00 0.00	28.45 0.96 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.44 0.68 0.00	38.28 0.57 0.00	34.29 0.54 0.00	35.23 0.52 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.22 0.85 0.00	46.22 0.86 0.00	52.32 0.93 0.00	59.24 1.05 0.00	68.90 1.15 0.00	82.26 1.69 0.00	84.75 2.47 0.00	83.06 2.03 0.00	62.05 1.28 0.00	52.66 1.13 0.00	44.91 0.97 0.00
STATE_ST_34_KV_LOAD 55959	34.01 -0.21 -0.01	30.28 -0.27 -0.34	25.61 -0.23 -0.07	27.41 -0.24 -0.58	28.02 -0.19 -0.72	32.07 -0.18 -1.53	38.91 -0.04 -2.10	39.82 -0.08 -2.14	39.33 -0.19 -1.80	33.86 -0.30 -0.41	34.66 -0.24 -0.19	38.57 -0.27 -0.75	38.67 -0.34 -0.81	44.96 -0.25 -2.84	47.94 -0.18 -2.76	54.90 -0.31 -3.81	61.85 -0.06 -3.71	72.39 0.27 -4.37	86.86 0.56 -5.73	84.82 0.82 -1.72	84.48 0.65 -2.80	63.00 0.24 -1.98	52.92 0.00 -1.40	45.83 -0.22 -2.11
STATION 5_MISC_HYD 23604	32.50 -1.71 0.00	27.88 -2.08 0.24	23.92 -1.80 0.05	24.74 -1.92 0.41	25.16 -1.82 0.51	27.70 -1.93 1.09	33.24 -2.10 1.50	34.26 -1.97 1.54	34.35 -1.92 1.44	31.56 -1.86 0.33	32.85 -1.70 0.16	35.78 -1.71 0.60	35.72 -1.87 0.61	39.21 -1.86 1.29	41.42 -2.09 1.86	46.24 -2.26 2.90	51.56 -2.15 4.49	59.40 -2.23 6.12	72.58 -2.34 5.65	74.86 -2.96 4.46	72.55 -3.08 5.40	52.80 -2.98 5.00	45.39 -2.63 3.51	40.14 -2.59 1.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.70 -1.51 0.00	28.22 -1.78 0.20	24.22 -1.52 0.04	25.14 -1.60 0.34	25.55 -1.51 0.42	28.20 -1.63 0.90	33.84 -1.77 1.23	34.84 -1.66 1.26	34.87 -1.66 1.18	31.89 -1.59 0.27	33.13 -1.46 0.13	36.11 -1.49 0.49	36.10 -1.60 0.50	39.74 -1.57 1.06	42.31 -1.50 1.55	47.07 -1.90 2.42	52.65 -1.80 3.75	60.75 -1.90 5.11	73.65 -2.18 4.74	76.00 -2.47 3.81	73.82 -2.59 4.62	53.90 -2.55 4.32	45.91 -2.58 3.03	40.61 -2.24 1.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.32 -1.88 0.00	27.74 -2.20 0.26	23.85 -1.88 0.05	24.67 -1.98 0.43	25.06 -1.90 0.54	27.56 -2.03 1.14	33.03 -2.25 1.56	34.05 -2.11 1.59	34.15 -2.07 1.49	31.42 -1.99 0.34	32.74 -1.80 0.16	35.60 -1.87 0.62	35.59 -1.99 0.63	39.12 -1.91 1.34	41.57 -1.86 1.93	46.04 -2.36 2.99	51.37 -2.27 4.55	58.99 -2.51 6.26	71.75 -2.98 5.83	74.27 -3.37 4.63	71.86 -3.57 5.60	52.22 -3.28 5.27	44.53 -3.30 3.70	39.82 -2.77 1.35
STA_56____34_KV_BUS2 355983	32.32 -1.88 0.00	27.74 -2.20 0.26	23.85 -1.88 0.05	24.67 -1.98 0.43	25.06 -1.90 0.54	27.56 -2.03 1.14	33.03 -2.25 1.56	34.05 -2.11 1.59	34.15 -2.07 1.49	31.42 -1.99 0.34	32.74 -1.80 0.16	35.60 -1.87 0.62	35.59 -1.99 0.63	39.12 -1.91 1.34	41.57 -1.86 1.93	46.04 -2.36 2.99	51.37 -2.27 4.55	58.99 -2.51 6.26	71.75 -2.98 5.83	74.27 -3.37 4.63	71.86 -3.57 5.60	52.22 -3.28 5.27	44.53 -3.30 3.70	39.82 -2.77 1.35
STA_67____115KV_BK2 355882	32.39 -1.81 0.00	27.79 -2.17 0.24	23.87 -1.86 0.05	24.72 -1.95 0.41	25.12 -1.87 0.50	27.66 -2.00 1.07	33.20 -2.17 1.47	34.21 -2.04 1.51	34.30 -2.00 1.41	31.50 -1.92 0.32	32.82 -1.74 0.15	35.71 -1.79 0.59	35.69 -1.91 0.60	39.28 -1.82 1.27	41.81 -1.72 1.83	46.27 -2.26 2.86	51.55 -2.21 4.44	59.32 -2.37 6.06	72.16 -2.82 5.59	74.50 -3.21 4.56	72.10 -3.40 5.53	52.37 -3.22 5.18	44.69 -3.19 3.64	39.90 -2.72 1.31
STA_7____115KV_9TRANS 80674	32.56 -1.64 0.00	27.92 -2.02 0.26	24.00 -1.73 0.05	24.82 -1.81 0.44	25.21 -1.73 0.55	27.71 -1.84 1.17	33.24 -1.99 1.61	34.31 -1.81 1.64	34.41 -1.77 1.54	31.68 -1.72 0.35	33.02 -1.53 0.17	35.93 -1.52 0.64	35.95 -1.60 0.65	39.51 -1.48 1.38	42.02 -1.36 1.98	46.49 -1.85 3.06	51.87 -1.69 4.63	59.64 -1.76 6.35	72.37 -2.26 5.94	74.98 -2.63 4.67	72.54 -2.84 5.65	52.70 -2.73 5.33	44.95 -2.83 3.74	40.14 -2.42 1.38
STA_82____115KV_TB1 80780	32.32 -1.88 0.00	27.73 -2.24 0.24	23.85 -1.88 0.05	24.70 -1.98 0.40	25.09 -1.90 0.50	27.64 -2.03 1.05	33.14 -2.25 1.45	34.21 -2.08 1.48	34.24 -2.07 1.40	31.44 -1.99 0.32	32.75 -1.80 0.15	35.64 -1.87 0.58	35.63 -1.99 0.59	39.21 -1.91 1.26	41.69 -1.86 1.81	46.14 -2.42 2.84	51.46 -2.33 4.41	59.22 -2.51 6.02	71.96 -3.06 5.55	74.27 -3.46 4.55	71.96 -3.57 5.50	52.28 -3.34 5.15	44.61 -3.30 3.62	39.87 -2.77 1.30
STEEL____WIND 323596	31.17 -3.01 0.03	25.95 -2.72 1.54	23.13 -2.35 0.30	22.03 -2.46 2.58	21.86 -2.42 3.21	21.34 -2.61 6.77	24.69 -2.84 9.31	25.64 -2.57 9.55	26.73 -2.60 8.39	29.33 -2.50 1.93	31.47 -2.33 0.92	32.22 -2.36 3.50	32.22 -2.45 3.53	32.31 -2.54 7.52	35.17 -2.95 7.25	38.22 -3.24 9.95	42.04 -3.20 12.95	48.28 -3.25 16.23	58.87 -4.03 17.67	68.71 -5.51 8.05	65.53 -5.75 9.76	45.04 -4.50 11.23	39.97 -3.81 7.74	35.59 -3.73 4.61
STEPHTWN_115KV_BK_2 55603	35.17 0.96 0.00	31.44 1.24 0.00	26.88 1.11 0.00	28.16 1.08 0.00	28.53 1.04 0.00	31.77 1.04 0.00	37.73 0.88 0.00	38.55 0.79 0.00	38.40 0.68 0.00	34.39 0.64 0.00	35.33 0.62 0.00	38.78 0.69 0.00	39.08 0.88 0.00	43.39 1.02 0.00	46.36 1.00 0.00	52.48 1.08 0.00	59.42 1.22 0.00	69.24 1.49 0.00	82.66 2.09 0.00	85.16 2.88 0.00	83.46 2.43 0.00	62.29 1.52 0.00	52.86 1.34 0.00	45.04 1.10 0.00
STEBEN_REC_LFGE 323667	33.32 -0.96 -0.07	33.28 -0.94 -4.01	25.74 -0.80 -0.76	33.00 -0.84 -6.77	35.12 -0.80 -8.43	47.75 -0.83 -17.85	60.86 -0.55 -24.57	62.05 -0.72 -25.01	58.20 -0.87 -21.36	37.52 -1.11 -4.88	36.10 -0.90 -2.30	46.00 -0.99 -8.90	46.22 -0.99 -9.01	61.11 -0.93 -19.67	66.45 -0.91 -22.00	78.44 -1.54 -28.58	90.43 -1.22 -33.46	106.65 -0.61 -39.51	127.85 -0.16 -47.44	94.48 -0.16 -12.36	96.09 -0.24 -15.30	81.79 -0.61 -21.63	65.00 -1.08 -14.55	54.92 -1.32 -12.30
STILLWATER____SOLAR 323814	35.85 1.64 0.00	31.87 1.66 0.00	27.24 1.47 0.00	28.56 1.49 0.00	28.97 1.48 0.00	32.29 1.57 0.00	38.54 1.70 0.00	39.23 1.47 0.00	38.92 1.21 0.00	34.80 1.05 0.00	35.75 1.04 0.00	39.23 1.14 0.00	39.50 1.30 0.00	43.89 1.52 0.00	47.09 1.72 0.00	53.40 2.00 0.00	60.75 2.56 0.00	71.00 3.25 0.00	84.75 4.19 0.00	87.38 5.10 0.00	85.73 4.70 0.00	64.17 3.40 0.00	54.31 2.78 0.00	46.18 2.24 0.00

STONY___BROOK 24151	41.69 2.70 -4.78	35.76 2.87 -2.68	30.75 2.37 -2.60	29.61 2.46 -0.07	29.82 2.34 0.00	33.91 2.52 -0.66	39.72 2.80 -0.08	43.02 3.21 -2.05	44.09 3.20 -3.17	45.26 2.97 -8.54	50.02 2.74 -12.57	52.14 2.67 -11.38	53.55 2.87 -12.48	57.08 3.14 -11.58	58.79 3.40 -10.02	61.48 4.01 -6.08	75.92 4.71 -13.01	101.79 5.62 -28.42	107.66 6.45 -20.64	105.06 7.73 -15.05	92.24 6.88 -4.32	67.14 4.62 -1.75	55.55 4.02 0.00	50.32 3.56 -2.83
STURGEON_POOL_HYD 23609	35.82 1.61 0.00	31.96 1.75 0.00	27.17 1.39 0.00	28.45 1.38 0.00	28.75 1.26 0.00	31.92 1.20 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.47 1.72 0.00	36.51 1.80 0.00	40.07 1.98 0.00	40.49 2.29 0.00	45.04 2.67 0.00	48.31 2.95 0.00	55.15 3.75 0.00	62.56 4.36 0.00	72.83 5.08 0.00	86.45 5.88 0.00	89.27 6.99 0.00	87.11 6.08 0.00	64.48 3.71 0.00	54.87 3.35 0.00	46.79 2.86 0.00
ST_LAW_115_BK7_LBMP 345037	33.93 -0.27 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.19 -0.30 0.00	30.48 -0.25 0.00	36.69 -0.15 0.00	37.61 -0.15 0.00	37.60 -0.11 0.00	33.65 -0.10 0.00	34.54 -0.17 0.00	37.98 -0.11 0.00	38.09 -0.11 0.00	42.16 -0.21 0.00	45.05 -0.32 0.00	51.04 -0.36 0.00	57.44 -0.76 0.00	66.80 -0.95 0.00	79.36 -1.21 0.00	80.63 -1.64 0.00	79.82 -1.21 0.00	60.17 -0.61 0.00	50.96 -0.57 0.00	43.68 -0.26 0.00
ST_LAW_115_BK8_LBMP 345038	33.93 -0.27 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.19 -0.30 0.00	30.48 -0.25 0.00	36.69 -0.15 0.00	37.61 -0.15 0.00	37.60 -0.11 0.00	33.65 -0.10 0.00	34.54 -0.17 0.00	37.98 -0.11 0.00	38.09 -0.11 0.00	42.16 -0.21 0.00	45.05 -0.32 0.00	51.04 -0.36 0.00	57.44 -0.76 0.00	66.80 -0.95 0.00	79.36 -1.21 0.00	80.63 -1.64 0.00	79.82 -1.21 0.00	60.17 -0.61 0.00	50.96 -0.57 0.00	43.68 -0.26 0.00
ST_LAW_230_BK5_LBMP 345035	33.93 -0.27 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.51 -0.21 0.00	36.69 -0.15 0.00	37.61 -0.15 0.00	37.64 -0.08 0.00	33.65 -0.10 0.00	34.57 -0.14 0.00	37.98 -0.11 0.00	38.12 -0.08 0.00	42.20 -0.17 0.00	45.09 -0.27 0.00	51.09 -0.31 0.00	57.56 -0.64 0.00	66.94 -0.81 0.00	79.52 -1.05 0.00	80.80 -1.48 0.00	79.90 -1.13 0.00	60.22 -0.55 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	33.93 -0.27 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.75 -0.32 0.00	27.21 -0.27 0.00	30.51 -0.21 0.00	36.69 -0.15 0.00	37.61 -0.15 0.00	37.64 -0.08 0.00	33.65 -0.10 0.00	34.57 -0.14 0.00	37.98 -0.11 0.00	38.12 -0.08 0.00	42.20 -0.17 0.00	45.09 -0.27 0.00	51.09 -0.31 0.00	57.56 -0.64 0.00	66.94 -0.81 0.00	79.52 -1.05 0.00	80.80 -1.48 0.00	79.90 -1.13 0.00	60.22 -0.55 0.00	51.06 -0.46 0.00	43.72 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.44 1.23 0.00	31.62 1.42 0.00	26.94 1.16 0.00	28.24 1.16 0.00	28.53 1.04 0.00	31.71 0.98 0.00	37.91 1.07 0.00	39.12 1.36 0.00	39.19 1.47 0.00	35.20 1.45 0.00	36.24 1.53 0.00	39.77 1.68 0.00	40.15 1.95 0.00	44.61 2.25 0.00	47.81 2.45 0.00	54.38 2.98 0.00	61.63 3.43 0.00	71.68 3.93 0.00	85.08 4.51 0.00	87.79 5.51 0.00	85.73 4.70 0.00	63.51 2.73 0.00	54.10 2.58 0.00	46.14 2.20 0.00
SWANROAD_115KV_TB1 355699	29.91 -4.28 0.02	25.17 -3.87 1.17	22.32 -3.22 0.23	21.76 -3.36 1.96	21.75 -3.30 2.44	21.95 -3.63 5.15	25.67 -4.09 7.08	26.68 -3.81 7.27	27.59 -3.73 6.40	28.53 -3.75 1.47	30.37 -3.64 0.70	31.80 -3.62 2.67	31.76 -3.74 2.70	32.68 -3.94 5.75	34.30 -3.95 7.11	36.10 -5.50 9.79	39.82 -5.76 12.62	45.50 -6.44 15.82	55.08 -8.22 17.27	66.16 -8.47 7.64	63.19 -8.59 9.25	43.15 -7.11 10.51	38.07 -6.23 7.22	34.64 -5.14 4.16
SYNERGY___BIOGAS 323694	31.60 -2.60 0.01	26.71 -2.66 0.84	23.37 -2.24 0.16	23.33 -2.33 1.41	23.50 -2.23 1.76	24.64 -2.37 3.72	29.15 -2.58 5.12	30.23 -2.30 5.22	30.80 -2.26 4.65	30.32 -2.36 1.07	32.02 -2.19 0.51	34.01 -2.13 1.94	33.95 -2.29 1.96	36.03 -2.16 4.18	38.11 -2.04 5.21	41.15 -2.98 7.27	45.69 -2.85 9.66	52.50 -2.98 12.27	64.11 -3.54 12.91	71.86 -3.87 6.55	69.13 -3.97 7.93	48.39 -3.77 8.61	41.81 -3.76 5.95	37.67 -3.12 3.15
SYRACUSE___ENERGY_ST1 323597	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
SYRACUSE___ENERGY_ST2 323598	33.83 -0.38 0.00	29.81 -0.39 0.00	25.44 -0.34 0.00	26.72 -0.35 0.00	27.16 -0.33 0.00	30.39 -0.34 0.00	36.55 -0.29 0.00	37.38 -0.38 0.00	37.26 -0.45 0.00	33.28 -0.47 0.00	34.33 -0.38 0.00	37.67 -0.42 0.00	37.73 -0.53 -0.06	43.26 -0.51 -1.40	45.98 -0.45 -1.07	52.41 -0.62 -1.63	58.65 -0.52 -0.98	68.44 -0.41 -1.09	82.13 -0.40 -1.97	82.64 -0.25 -0.61	82.26 -0.32 -1.56	60.29 -0.49 0.00	51.08 -0.52 -0.07	44.64 -0.53 -1.23
SYRACUSE___POWER 24017	33.77 -0.44 0.00	29.78 -0.42 0.00	25.39 -0.39 0.00	26.67 -0.41 0.00	27.10 -0.38 0.00	30.29 -0.43 0.00	36.44 -0.41 0.00	37.31 -0.45 0.00	37.23 -0.49 0.00	33.24 -0.51 0.00	34.26 -0.45 0.00	37.59 -0.50 0.00	37.67 -0.57 -0.04	42.74 -0.55 -0.92	45.42 -0.54 -0.60	51.53 -0.67 -0.80	57.66 -0.58 -0.05	67.01 -0.54 0.20	80.64 -0.56 -0.63	81.28 -0.41 0.59	80.37 -0.49 0.18	59.17 -0.61 0.99	50.24 -0.62 0.66	43.99 -0.62 -0.67
TALLMAN__138KV_BK151 55660	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.31 1.55 0.00	39.45 1.73 0.00	35.47 1.72 0.00	36.51 1.80 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.22 2.86 0.00	54.84 3.44 0.00	62.10 3.90 0.00	72.16 4.40 0.00	85.56 5.00 0.00	88.37 6.09 0.00	86.30 5.27 0.00	63.81 3.04 0.00	54.41 2.89 0.00	46.40 2.46 0.00
TEALLAVE_115KV_TB7 355573	33.63 -0.58 0.00	29.63 -0.57 0.00	25.29 -0.49 0.00	26.56 -0.51 0.00	26.99 -0.49 0.00	30.20 -0.52 0.00	36.29 -0.55 0.00	37.16 -0.60 0.00	37.08 -0.64 0.00	33.11 -0.64 0.00	34.15 -0.56 0.00	37.48 -0.61 0.00	37.51 -0.73 -0.03	42.41 -0.72 -0.76	45.12 -0.68 -0.44	50.99 -0.93 -0.52	57.04 -0.87 0.29	66.20 -0.88 0.67	79.76 -0.97 -0.16	80.42 -0.82 1.03	79.26 -0.97 0.80	58.50 -0.91 1.36	49.72 -0.88 0.93	43.58 -0.83 -0.48
TELGRAPH_34_KV_EAST 80808	30.87 -3.32 0.02	26.05 -3.17 0.99	22.90 -2.68 0.19	22.63 -2.79 1.66	22.73 -2.69 2.06	23.45 -2.92 4.36	27.61 -3.24 5.99	28.66 -2.98 6.12	29.39 -2.90 5.42	29.57 -2.94 1.25	31.34 -2.78 0.59	33.08 -2.74 2.27	33.05 -2.87 2.29	34.62 -2.88 4.87	36.57 -2.81 5.98	39.16 -3.96 8.28	43.32 -4.02 10.86	49.71 -4.34 13.70	60.50 -5.48 14.59	69.41 -5.84 7.03	66.44 -6.08 8.51	46.11 -5.23 9.44	40.17 -4.84 6.51	36.35 -4.00 3.59

TEMPLE___115KV_TB 2 55572	33.66 -0.55 0.00	29.66 -0.54 0.00	25.31 -0.46 0.00	26.59 -0.49 0.00	27.02 -0.47 0.00	30.20 -0.52 0.00	36.33 -0.52 0.00	37.19 -0.57 0.00	37.11 -0.60 0.00	33.14 -0.61 0.00	34.19 -0.52 0.00	37.52 -0.57 0.00	37.55 -0.69 -0.03	42.45 -0.68 -0.76	45.16 -0.64 -0.43	51.03 -0.87 -0.51	57.08 -0.81 0.30	66.25 -0.81 0.69	79.82 -0.89 -0.14	80.40 -0.82 1.06	79.31 -0.89 0.83	58.48 -0.91 1.38	49.70 -0.88 0.95	43.62 -0.79 -0.47
TIANA___69_KV_BK 1 55817	41.60 2.63 -4.76	35.80 2.93 -2.67	30.84 2.47 -2.59	29.63 2.49 -0.07	29.77 2.28 0.00	33.18 2.46 0.00	40.02 3.09 -0.08	43.43 3.63 -2.04	44.42 3.55 -3.16	45.53 3.27 -8.50	50.21 2.99 -12.51	52.09 2.67 -11.33	53.45 2.83 -12.43	57.11 3.22 -11.52	58.74 3.40 -9.98	61.79 4.37 -6.02	75.92 4.77 -12.95	101.41 5.69 -27.97	106.89 6.69 -19.64	104.76 8.23 -14.25	92.11 7.21 -3.86	66.77 4.44 -1.56	55.54 4.02 0.00	50.40 3.65 -2.82
TILDEN___115KV_TB1 80814	33.77 -0.44 0.00	29.78 -0.42 0.00	25.39 -0.39 0.00	26.67 -0.41 0.00	27.10 -0.38 0.00	30.29 -0.43 0.00	36.44 -0.41 0.00	37.31 -0.45 0.00	37.23 -0.49 0.00	33.24 -0.51 0.00	34.26 -0.45 0.00	37.59 -0.50 0.00	37.67 -0.57 -0.04	42.74 -0.55 -0.92	45.42 -0.54 -0.60	51.53 -0.67 -0.80	57.66 -0.58 -0.05	67.01 -0.54 0.20	80.64 -0.56 -0.63	81.28 -0.41 0.59	80.37 -0.49 0.18	59.17 -0.61 0.99	50.24 -0.62 0.66	43.99 -0.62 -0.67
TRIGEN___CC 323695	44.46 1.98 -8.27	36.99 2.14 -4.64	32.09 1.80 -4.51	29.01 1.81 -0.12	29.14 1.65 0.00	32.38 1.66 0.00	38.90 1.92 -0.15	43.62 2.30 -3.55	45.62 2.41 -5.49	50.83 2.29 -14.78	58.72 2.26 -21.76	60.15 2.36 -19.70	62.36 2.56 -21.60	65.11 2.71 -20.03	65.61 2.90 -17.35	68.47 3.44 -13.63	84.80 4.07 -22.53	116.02 4.61 -43.66	105.85 5.32 -19.96	102.24 6.50 -13.46	86.88 5.83 -0.02	64.12 3.34 0.00	54.62 3.09 0.00	51.82 2.99 -4.89
TRINITY___115KV___ 4 BK 55933	34.96 0.75 0.00	31.26 1.06 0.00	26.70 0.93 0.00	27.99 0.92 0.00	28.37 0.88 0.00	31.58 0.86 0.00	37.50 0.66 0.00	38.36 0.60 0.00	38.21 0.49 0.00	34.22 0.47 0.00	35.16 0.45 0.00	38.55 0.46 0.00	38.81 0.61 0.00	43.09 0.72 0.00	46.04 0.68 0.00	52.12 0.72 0.00	59.01 0.81 0.00	68.63 0.88 0.00	81.86 1.29 0.00	84.25 1.97 0.00	82.65 1.62 0.00	61.81 1.03 0.00	52.45 0.93 0.00	44.73 0.79 0.00
UNION___PROCESSING_DRP 323587	32.32 -1.88 0.00	27.75 -2.20 0.25	23.85 -1.88 0.05	24.68 -1.98 0.42	25.07 -1.90 0.52	27.59 -2.03 1.10	33.08 -2.25 1.52	34.14 -2.08 1.55	34.19 -2.07 1.46	31.43 -1.99 0.33	32.75 -1.80 0.16	35.62 -1.87 0.61	35.60 -1.99 0.61	39.15 -1.91 1.31	41.68 -1.81 1.87	46.07 -2.42 2.91	51.37 -2.33 4.49	59.12 -2.51 6.12	71.84 -3.06 5.67	74.33 -3.37 4.57	71.93 -3.57 5.53	52.23 -3.34 5.20	44.58 -3.30 3.65	39.84 -2.77 1.33
UPPER HUDSON___HYD 24058	36.23 2.02 0.00	32.20 1.99 0.00	27.55 1.78 0.00	28.86 1.79 0.00	29.25 1.76 0.00	32.63 1.91 0.00	38.94 2.10 0.00	39.61 1.85 0.00	39.26 1.55 0.00	35.10 1.35 0.00	36.10 1.39 0.00	39.69 1.60 0.00	39.96 1.76 0.00	44.49 2.12 0.00	47.67 2.31 0.00	54.12 2.72 0.00	61.69 3.49 0.00	72.22 4.47 0.00	86.05 5.48 0.00	88.94 6.66 0.00	87.03 6.00 0.00	65.27 4.50 0.00	55.08 3.55 0.00	46.84 2.90 0.00
UPPER RAQUET___HYD 24056	33.76 -0.45 0.00	29.69 -0.51 0.00	25.31 -0.46 0.00	26.64 -0.43 0.00	27.10 -0.38 0.00	30.45 -0.28 0.00	36.69 -0.15 0.00	37.57 -0.19 0.00	37.49 -0.22 0.00	33.48 -0.27 0.00	34.29 -0.41 0.00	37.75 -0.34 0.00	37.89 -0.31 0.00	41.82 -0.55 0.00	44.63 -0.73 0.00	50.27 -1.13 0.00	56.51 -1.69 0.00	65.58 -2.17 0.00	78.15 -2.41 0.00	79.89 -2.39 0.00	79.33 -1.71 0.00	59.68 -1.09 0.00	50.54 -0.98 0.00	43.50 -0.44 0.00
VALLEY44___115KV_TB2 355964	31.55 -2.63 0.02	27.37 -1.57 1.27	24.19 -1.34 0.25	23.54 -1.41 2.13	23.49 -1.35 2.65	23.68 -1.44 5.60	27.78 -1.36 7.69	28.83 -1.06 7.88	29.53 -1.13 7.06	31.02 -1.11 1.62	33.04 -0.90 0.77	34.27 -0.88 2.95	34.47 -0.76 2.97	35.37 -0.68 6.32	38.94 -0.50 5.92	42.15 -1.08 8.17	46.55 -0.93 10.71	53.51 -0.75 13.50	63.98 -2.09 14.49	70.65 -4.03 7.59	67.62 -4.21 9.20	47.76 -2.31 10.70	41.64 -2.52 7.36	37.20 -2.28 4.45
VALLEY___115KV_TB 1-4 80826	34.83 0.62 0.00	30.84 0.63 0.00	26.29 0.52 0.00	27.62 0.54 0.00	28.01 0.52 0.00	31.34 0.61 0.00	37.58 0.74 0.00	38.44 0.68 0.00	38.36 0.64 0.00	34.29 0.54 0.00	35.27 0.56 0.00	38.66 0.57 0.00	38.74 0.53 0.00	42.88 0.51 0.00	45.82 0.45 0.00	51.86 0.46 0.00	58.78 0.58 0.00	68.50 0.75 0.00	81.61 1.05 0.00	83.84 1.56 0.00	82.57 1.54 0.00	61.87 1.09 0.00	52.56 1.03 0.00	44.86 0.92 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.17 0.96 0.00	31.23 1.03 0.00	26.65 0.88 0.00	27.97 0.89 0.00	28.35 0.85 -0.01	31.60 0.86 -0.01	37.89 1.03 -0.02	38.76 0.98 -0.02	38.71 0.98 -0.01	34.53 0.78 0.00	35.54 0.83 0.00	39.05 0.95 -0.01	39.33 1.11 -0.02	43.87 1.23 -0.27	46.92 1.32 -0.24	53.47 1.70 -0.37	60.67 2.21 -0.26	70.82 2.78 -0.29	84.37 3.30 -0.50	86.51 4.11 -0.12	85.23 3.89 -0.31	63.39 2.61 -0.01	53.60 2.06 -0.02	45.94 1.76 -0.25
VISCHER___FERRY HYD 24020	35.51 1.30 0.00	31.60 1.39 0.00	26.99 1.21 0.00	28.29 1.22 0.00	28.70 1.21 0.00	31.95 1.23 0.00	38.13 1.29 0.00	38.97 1.21 0.00	38.74 1.02 0.00	34.69 0.94 0.00	35.61 0.90 0.00	38.97 0.88 0.00	39.27 1.07 0.00	43.64 1.27 0.00	46.81 1.45 0.00	53.04 1.64 0.00	60.11 1.92 0.00	69.99 2.23 0.00	83.46 2.90 0.00	85.89 3.62 0.00	84.28 3.24 0.00	63.14 2.37 0.00	53.43 1.91 0.00	45.57 1.63 0.00
V_A_10_SYNC_DSASP 323832	31.08 -3.11 0.01	26.02 -3.35 0.83	22.78 -2.84 0.16	22.72 -2.95 1.40	22.83 -2.91 1.74	23.83 -3.20 3.70	28.18 -3.57 5.09	29.22 -3.36 5.18	29.70 -3.39 4.63	29.52 -3.17 1.06	31.16 -3.05 0.49	32.93 -3.24 1.93	32.93 -3.32 1.95	34.74 -3.47 4.16	36.63 -3.45 5.28	39.67 -4.37 7.36	43.89 -4.48 9.83	50.33 -4.95 12.48	61.15 -6.20 13.21	68.73 -6.91 6.63	65.86 -7.13 8.04	46.10 -6.02 8.66	40.03 -5.51 5.98	36.22 -4.61 3.11
V_CMM_10_SYNC_DSASP 323787	34.07 -0.14 0.00	29.90 -0.30 0.00	25.52 -0.26 0.00	26.83 -0.24 0.00	27.30 -0.19 0.00	30.60 -0.12 0.00	36.84 0.00 0.00	37.80 0.04 0.00	37.79 0.08 0.00	33.82 0.07 0.00	34.67 -0.03 0.00	38.13 0.04 0.00	38.28 0.08 0.00	42.33 -0.04 0.00	45.23 -0.14 0.00	51.24 -0.15 0.00	57.61 -0.58 0.00	67.01 -0.75 0.00	79.68 -0.89 0.00	80.88 -1.40 0.00	80.14 -0.89 0.00	60.35 -0.43 0.00	50.96 -0.57 0.00	43.85 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	34.07 -0.14 0.00	29.93 -0.27 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.72 0.00 0.00	37.03 0.18 0.00	38.03 0.26 0.00	38.09 0.38 0.00	34.09 0.34 0.00	34.99 0.28 0.00	38.51 0.42 0.00	38.62 0.42 0.00	42.71 0.34 0.00	45.63 0.27 0.00	51.65 0.26 0.00	58.37 0.17 0.00	68.02 0.27 0.00	80.89 0.32 0.00	82.11 -0.16 0.00	81.28 0.24 0.00	61.02 0.24 0.00	51.58 0.05 0.00	44.11 0.18 0.00

V_D_10_SYNC_DSASP 323841	34.14 -0.07 0.00	29.96 -0.24 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.69 -0.03 0.00	36.95 0.11 0.00	37.87 0.11 0.00	37.87 0.15 0.00	33.85 0.10 0.00	34.71 0.00 0.00	38.20 0.11 0.00	38.35 0.15 0.00	42.37 0.00 0.00	45.27 -0.09 0.00	51.24 -0.15 0.00	57.85 -0.35 0.00	67.28 -0.47 0.00	80.00 -0.56 0.00	81.37 -0.91 0.00	80.63 -0.41 0.00	60.65 -0.12 0.00	51.27 -0.26 0.00	43.94 0.00 0.00
V_E_10_SYNC_DSASP 323830	35.55 1.33 -0.01	31.88 1.33 -0.34	26.97 1.13 -0.06	28.79 1.14 -0.58	29.34 1.13 -0.72	33.64 1.38 -1.53	40.79 1.84 -2.11	41.53 1.62 -2.14	40.88 1.36 -1.80	34.94 0.78 -0.41	35.63 0.73 -0.19	39.68 0.84 -0.75	39.94 0.96 -0.78	45.64 1.10 -2.17	48.77 1.18 -2.22	55.75 1.39 -2.96	63.61 2.44 -2.97	74.98 3.86 -3.37	90.44 5.32 -4.55	89.74 6.58 -0.88	89.02 6.56 -1.42	66.88 4.62 -1.48	55.67 3.14 -1.01	48.02 2.55 -1.53
V_F_30_NSYNC___DSASP 323816	35.89 1.68 0.00	31.90 1.69 0.00	27.27 1.49 0.00	28.59 1.52 0.00	28.97 1.48 0.00	32.29 1.57 0.00	38.54 1.69 0.00	39.27 1.51 0.00	39.00 1.28 0.00	34.86 1.11 0.00	35.79 1.08 0.00	39.31 1.22 0.00	39.54 1.34 0.00	43.94 1.57 0.00	47.04 1.68 0.00	53.45 2.06 0.00	60.76 2.56 0.00	71.00 3.25 0.00	84.76 4.19 0.00	87.54 5.27 0.00	85.81 4.78 0.00	64.24 3.46 0.00	54.41 2.89 0.00	46.22 2.28 0.00
V_F_30_SYNC_DSASP 323786	35.03 0.82 0.00	31.35 1.15 0.00	26.78 1.01 0.00	28.08 1.00 0.00	28.45 0.96 0.00	31.68 0.95 0.00	37.62 0.77 0.00	38.44 0.68 0.00	38.28 0.57 0.00	34.29 0.54 0.00	35.23 0.52 0.00	38.66 0.57 0.00	38.93 0.73 0.00	43.22 0.85 0.00	46.22 0.86 0.00	52.32 0.93 0.00	59.24 1.05 0.00	68.90 1.15 0.00	82.26 1.69 0.00	84.66 2.39 0.00	83.06 2.03 0.00	62.05 1.28 0.00	52.66 1.13 0.00	44.86 0.92 0.00
V_XM_10_SYNC_DSASP 323789	34.07 -0.14 0.00	29.93 -0.27 0.00	25.57 -0.21 0.00	26.88 -0.19 0.00	27.35 -0.14 0.00	30.72 0.00 0.00	37.03 0.18 0.00	38.03 0.26 0.00	38.09 0.38 0.00	34.09 0.34 0.00	34.99 0.28 0.00	38.51 0.42 0.00	38.62 0.42 0.00	42.71 0.34 0.00	45.63 0.27 0.00	51.65 0.26 0.00	58.37 0.17 0.00	68.02 0.27 0.00	80.89 0.32 0.00	82.11 -0.16 0.00	81.28 0.24 0.00	61.02 0.24 0.00	51.58 0.05 0.00	44.11 0.18 0.00
W.BABYLN_69_KV_BK1 56697	42.33 2.81 -5.32	36.09 2.90 -2.98	31.15 2.47 -2.90	29.62 2.46 -0.08	29.74 2.25 0.00	33.09 2.37 0.00	39.81 2.87 -0.09	43.33 3.29 -2.28	44.56 3.32 -3.53	46.36 3.10 -9.51	51.72 3.02 -13.99	53.88 3.12 -12.67	55.38 3.29 -13.89	58.81 3.56 -12.88	60.33 3.81 -11.15	63.28 4.52 -7.36	77.86 5.18 -14.49	102.38 5.96 -28.66	102.09 7.01 -14.51	100.50 8.23 -10.00	89.21 7.37 -0.80	65.53 4.44 -0.32	55.65 4.12 0.00	51.04 3.95 -3.15
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.72 1.51 0.00	31.90 1.69 0.00	27.14 1.37 0.00	28.45 1.38 0.00	28.73 1.24 0.00	31.92 1.20 0.00	38.17 1.33 0.00	39.42 1.66 0.00	39.53 1.81 0.00	35.54 1.79 0.00	36.58 1.87 0.00	40.15 2.06 0.00	40.57 2.37 0.00	45.08 2.71 0.00	48.36 2.99 0.00	55.00 3.60 0.00	62.27 4.07 0.00	72.36 4.61 0.00	85.80 5.24 0.00	88.61 6.34 0.00	86.54 5.51 0.00	63.99 3.22 0.00	54.56 3.04 0.00	46.53 2.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.99 1.78 0.00	32.23 2.02 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.20 1.47 0.00	38.50 1.66 0.00	39.88 2.11 0.00	40.07 2.34 -0.02	43.10 2.29 -7.05	56.33 2.39 -19.22	58.92 2.63 -18.21	62.64 2.87 -21.58	63.18 3.26 -17.54	65.93 3.58 -16.98	91.73 4.21 -36.12	129.52 4.83 -66.50	132.75 5.49 -59.51	127.96 6.36 -41.03	113.94 7.40 -24.26	87.52 6.48 0.00	64.72 3.95 0.00	57.31 3.66 -2.13	48.32 3.12 -1.26
W50THST__13_KV_LOAD 356117	36.16 1.95 0.00	32.35 2.14 0.00	27.55 1.78 0.00	28.83 1.76 0.00	29.14 1.65 0.00	32.32 1.60 0.00	38.68 1.84 0.00	40.10 2.34 0.00	40.30 2.56 -0.02	43.33 2.53 -7.05	56.61 2.67 -19.22	59.19 2.89 -18.21	62.95 3.17 -21.58	63.51 3.60 -17.54	66.29 3.95 -16.98	92.20 4.68 -36.12	129.99 5.30 -66.50	133.36 6.10 -59.51	128.60 7.01 -41.03	114.60 8.06 -24.26	88.08 7.05 0.00	65.09 4.31 0.00	57.62 3.97 -2.13	48.58 3.38 -1.26
WADING RIVER_IC_1 23522	41.53 2.57 -4.75	35.74 2.87 -2.67	30.76 2.40 -2.59	29.63 2.49 -0.07	29.85 2.36 0.00	33.96 2.58 -0.66	39.80 2.88 -0.08	43.16 3.36 -2.04	44.08 3.20 -3.15	45.18 2.93 -8.50	49.72 2.50 -12.51	51.47 2.06 -11.33	52.87 2.25 -12.42	56.51 2.63 -11.52	58.19 2.86 -9.97	60.96 3.54 -6.02	75.10 3.96 -12.94	100.59 4.88 -27.95	105.91 5.72 -19.62	103.93 7.41 -14.24	91.45 6.56 -3.86	67.02 4.68 -1.56	55.55 4.02 0.00	50.05 3.30 -2.81
WADING RIVER_IC_2 23547	41.53 2.57 -4.75	35.74 2.87 -2.67	30.76 2.40 -2.59	29.63 2.49 -0.07	29.85 2.36 0.00	33.96 2.58 -0.66	39.80 2.88 -0.08	43.16 3.36 -2.04	44.08 3.20 -3.15	45.18 2.93 -8.50	49.72 2.50 -12.51	51.47 2.06 -11.33	52.87 2.25 -12.42	56.51 2.63 -11.52	58.19 2.86 -9.97	60.96 3.54 -6.02	75.10 3.96 -12.94	100.59 4.88 -27.95	105.91 5.72 -19.62	103.93 7.41 -14.24	91.45 6.56 -3.86	67.02 4.68 -1.56	55.55 4.02 0.00	50.05 3.30 -2.81
WADING RIVER_IC_3 23601	41.53 2.57 -4.75	35.74 2.87 -2.67	30.76 2.40 -2.59	29.63 2.49 -0.07	29.85 2.36 0.00	33.96 2.58 -0.66	39.80 2.88 -0.08	43.16 3.36 -2.04	44.08 3.20 -3.15	45.18 2.93 -8.50	49.72 2.50 -12.51	51.47 2.06 -11.33	52.87 2.25 -12.42	56.51 2.63 -11.52	58.19 2.86 -9.97	60.96 3.54 -6.02	75.10 3.96 -12.94	100.59 4.88 -27.95	105.91 5.72 -19.62	103.93 7.41 -14.24	91.45 6.56 -3.86	67.02 4.68 -1.56	55.55 4.02 0.00	50.05 3.30 -2.81
WALDENNY_12_KV_BK2 80841	31.04 -3.15 0.03	25.87 -2.84 1.49	23.06 -2.42 0.29	22.05 -2.52 2.51	21.90 -2.47 3.12	21.43 -2.70 6.59	24.84 -2.95 9.06	25.82 -2.64 9.30	26.91 -2.64 8.16	29.34 -2.53 1.88	31.46 -2.36 0.89	32.28 -2.40 3.41	32.36 -2.41 3.44	32.68 -2.37 7.32	35.77 -2.31 7.27	38.16 -3.24 10.00	42.03 -3.20 12.97	48.10 -3.39 16.26	58.25 -4.59 17.72	67.86 -5.76 8.65	64.55 -6.00 10.49	43.77 -4.74 12.26	38.51 -4.59 8.43	34.97 -3.82 5.14
WALDEN___HYDRO 24148	35.61 1.40 0.00	31.78 1.57 0.00	27.04 1.26 0.00	28.35 1.27 0.00	28.64 1.15 0.00	31.83 1.11 0.00	38.06 1.22 0.00	39.23 1.47 0.00	39.34 1.62 0.00	35.30 1.55 0.00	36.31 1.60 0.00	39.88 1.79 0.00	40.26 2.06 0.00	44.74 2.37 0.00	47.99 2.63 0.00	54.64 3.24 0.00	61.98 3.78 0.00	72.16 4.40 0.00	85.64 5.08 0.00	88.45 6.17 0.00	86.38 5.35 0.00	63.99 3.22 0.00	54.41 2.89 0.00	46.40 2.46 0.00
WARRENSBURG____ 23737	36.23 2.02 0.00	32.23 2.02 0.00	27.55 1.78 0.00	28.86 1.79 0.00	29.25 1.76 0.00	32.63 1.90 0.00	38.94 2.10 0.00	39.61 1.85 0.00	39.26 1.55 0.00	35.10 1.35 0.00	36.10 1.39 0.00	39.69 1.60 0.00	39.96 1.76 0.00	44.45 2.08 0.00	47.58 2.22 0.00	54.07 2.67 0.00	61.63 3.43 0.00	72.16 4.40 0.00	85.97 5.40 0.00	88.94 6.66 0.00	86.95 5.92 0.00	65.27 4.50 0.00	55.18 3.66 0.00	46.84 2.90 0.00

WATERSIDE___6 8 9 23538	36.09 1.88 0.00	32.33 2.11 -0.01	27.56 1.78 -0.01	28.84 1.76 -0.01	29.11 1.62 0.00	32.26 1.54 0.00	38.54 1.69 0.00	39.95 2.19 0.00	40.07 2.34 -0.02	43.22 2.26 -7.21	56.69 2.33 -19.66	59.18 2.48 -18.62	63.02 2.75 -22.07	63.40 3.09 -17.94	66.09 3.36 -17.37	92.30 3.96 -36.94	130.56 4.36 -68.00	133.48 4.88 -60.85	128.16 5.64 -41.96	113.84 6.75 -24.81	87.19 6.16 0.00	64.54 3.77 0.00	57.20 3.50 -2.17	48.26 3.03 -1.29
WATKINRD_115KV_LN8_ILLION 55919	35.03 0.82 0.00	31.05 0.85 0.00	26.47 0.70 0.00	27.78 0.70 0.00	28.20 0.71 0.00	31.55 0.83 0.00	37.87 1.03 0.00	38.70 0.94 0.00	38.62 0.91 0.00	34.49 0.74 0.00	35.47 0.76 0.00	38.89 0.80 0.00	38.89 0.69 0.00	43.05 0.68 0.00	46.00 0.64 0.00	52.01 0.62 0.00	58.90 0.70 0.00	68.57 0.81 0.00	81.78 1.21 0.00	84.17 1.89 0.00	82.98 1.94 0.00	62.11 1.34 0.00	52.92 1.39 0.00	45.17 1.23 0.00
WDELAWARE___HYD 323627	35.41 1.20 0.00	31.53 1.33 0.00	26.78 1.00 0.00	28.13 1.05 0.00	28.42 0.94 0.00	31.62 0.89 0.00	37.76 0.92 0.00	39.01 1.24 0.00	39.04 1.32 0.00	34.96 1.21 0.00	35.99 1.29 0.00	39.54 1.45 0.00	39.96 1.76 0.00	44.49 2.12 0.00	47.76 2.40 0.00	54.33 2.93 0.00	61.81 3.61 0.00	72.15 4.40 0.00	85.73 5.16 0.00	88.53 6.25 0.00	86.38 5.35 0.00	64.11 3.34 0.00	54.25 2.73 0.00	46.22 2.28 0.00
WEST BABYLON___IC 23714	42.33 2.81 -5.32	36.09 2.90 -2.98	31.15 2.47 -2.90	29.62 2.46 -0.08	29.74 2.25 0.00	33.09 2.37 0.00	39.81 2.87 -0.09	43.33 3.29 -2.28	44.56 3.32 -3.53	46.36 3.10 -9.51	51.72 3.02 -13.99	53.88 3.12 -12.67	55.38 3.29 -13.89	58.81 3.56 -12.88	60.33 3.81 -11.15	63.28 4.52 -7.36	77.86 5.18 -14.49	102.38 5.96 -28.66	102.09 7.01 -14.51	100.50 8.23 -10.00	89.21 7.37 -0.80	65.53 4.44 -0.32	55.65 4.12 0.00	51.04 3.95 -3.15
WEST CANADA___HYD 24049	34.28 0.07 0.00	30.33 0.12 0.00	25.90 0.13 0.00	27.18 0.11 0.00	27.60 0.11 0.00	30.82 0.09 0.00	36.92 0.07 0.00	37.80 0.04 0.00	37.75 0.04 0.00	33.78 0.03 0.00	34.74 0.03 0.00	38.09 0.00 0.00	38.24 0.04 0.00	42.41 0.04 0.00	45.36 0.00 0.00	51.45 0.05 0.00	58.31 0.12 0.00	67.89 0.14 0.00	80.73 0.16 0.00	82.69 0.41 0.00	81.36 0.33 0.00	60.96 0.18 0.00	51.68 0.16 0.00	44.07 0.13 0.00
WESTERN_NY_WIND 24143	31.49 -2.70 0.02	26.59 -2.72 0.90	23.31 -2.29 0.18	23.18 -2.38 1.51	23.33 -2.28 1.88	24.33 -2.43 3.97	28.73 -2.65 5.46	29.81 -2.38 5.57	30.43 -2.34 4.95	30.18 -2.43 1.14	31.91 -2.26 0.54	33.81 -2.21 2.07	33.74 -2.37 2.09	35.68 -2.25 4.45	37.72 -2.13 5.51	40.60 -3.14 7.67	45.10 -2.97 10.13	51.81 -3.12 12.83	63.22 -3.79 13.57	71.51 -4.03 6.73	68.66 -4.21 8.16	47.95 -3.89 8.93	41.49 -3.86 6.17	37.41 -3.21 3.32
WESTOVER___LESR 323668	33.84 -0.38 0.00	30.21 -0.21 -0.21	25.63 -0.18 -0.04	27.24 -0.19 -0.36	27.77 -0.16 -0.45	31.46 -0.22 -0.95	38.04 -0.11 -1.31	38.98 -0.11 -1.34	39.11 0.00 -1.40	33.97 -0.10 -0.32	34.86 0.00 -0.15	38.67 0.00 -0.58	38.85 0.04 -0.61	44.30 0.13 -1.81	47.37 0.18 -1.82	53.99 0.21 -2.38	60.87 0.41 -2.26	70.94 0.68 -2.51	84.94 0.81 -3.57	83.78 1.07 -0.44	82.70 0.81 -0.86	62.02 0.43 -0.83	52.34 0.26 -0.56	45.22 0.09 -1.20
WETHRSFD_WT_PWR 323626	31.74 -2.40 0.07	23.72 -2.18 4.30	23.07 -1.88 0.83	17.82 -2.00 7.25	16.48 -1.98 9.03	9.47 -2.15 19.11	8.27 -2.28 26.28	8.75 -2.26 26.74	12.23 -2.37 23.11	26.06 -2.40 5.29	29.96 -2.26 2.50	26.05 -2.40 9.64	26.03 -2.45 9.73	18.96 -2.67 20.74	19.30 -3.13 22.93	17.60 -3.44 30.35	17.52 -3.43 37.25	19.37 -3.32 45.07	25.62 -3.54 51.40	59.94 -4.11 18.23	54.80 -4.13 22.11	28.57 -3.53 28.68	29.10 -2.93 19.49	27.00 -3.12 13.82
WHAVSTOR_138KV_BK127 55557	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.31 1.55 0.00	39.45 1.73 0.00	35.47 1.72 0.00	36.51 1.80 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.17 2.81 0.00	54.79 3.39 0.00	61.98 3.78 0.00	72.02 4.27 0.00	85.48 4.91 0.00	88.20 5.92 0.00	86.14 5.11 0.00	63.75 2.98 0.00	54.36 2.83 0.00	46.36 2.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.61 1.40 0.00	31.81 1.60 0.00	27.09 1.31 0.00	28.37 1.30 0.00	28.67 1.18 0.00	31.86 1.14 0.00	38.09 1.25 0.00	39.31 1.55 0.00	39.45 1.73 0.00	35.47 1.72 0.00	36.51 1.80 0.00	40.07 1.98 0.00	40.45 2.25 0.00	44.95 2.58 0.00	48.17 2.81 0.00	54.79 3.39 0.00	61.98 3.78 0.00	72.02 4.27 0.00	85.48 4.91 0.00	88.20 5.92 0.00	86.14 5.11 0.00	63.75 2.98 0.00	54.36 2.83 0.00	46.36 2.42 0.00
WHITEHAL_115KV_TB1 80871	36.67 2.46 0.00	32.62 2.42 0.00	27.91 2.14 0.00	29.21 2.14 0.00	29.61 2.12 0.00	33.06 2.34 0.00	39.42 2.58 0.00	39.99 2.23 0.00	39.53 1.81 0.00	35.30 1.55 0.00	36.27 1.56 0.00	39.96 1.87 0.00	40.23 2.02 0.00	44.78 2.42 0.00	47.95 2.59 0.00	54.53 3.14 0.00	62.27 4.07 0.00	73.11 5.35 0.00	87.34 6.77 0.00	90.75 8.47 0.00	88.73 7.70 0.00	66.42 5.65 0.00	56.06 4.53 0.00	47.45 3.52 0.00
WHITEPLN_13_KV_LOAD 356215	36.09 1.88 0.00	32.26 2.05 0.00	27.45 1.68 0.00	28.73 1.65 0.00	29.03 1.54 0.00	32.26 1.54 0.00	38.61 1.77 0.00	39.91 2.15 0.00	40.02 2.30 0.00	36.04 2.29 0.00	37.14 2.43 0.00	40.72 2.63 0.00	41.10 2.90 0.00	45.76 3.39 0.00	49.13 3.77 0.00	55.92 4.52 0.00	63.43 5.24 0.00	73.65 5.89 0.00	87.50 6.93 0.00	90.50 8.23 0.00	88.24 7.21 0.00	64.97 4.19 0.00	55.23 3.71 0.00	47.10 3.16 0.00
WM_FLOYD_69_KV_BK2 356380	41.57 2.60 -4.77	35.75 2.87 -2.67	30.80 2.42 -2.60	29.58 2.44 -0.07	29.69 2.20 0.00	33.06 2.34 0.00	39.84 2.91 -0.08	43.13 3.32 -2.05	44.12 3.24 -3.16	45.24 2.97 -8.52	49.89 2.64 -12.54	51.84 2.40 -11.35	53.21 2.56 -12.45	56.75 2.84 -11.55	58.40 3.04 -10.00	61.25 3.80 -6.05	75.42 4.25 -12.98	100.86 5.08 -28.03	106.31 6.04 -19.70	104.06 7.49 -14.30	91.48 6.56 -3.88	66.36 4.01 -1.57	55.23 3.71 0.00	50.23 3.47 -2.82
WOODARD__115KV_TB2 355635	33.63 -0.58 0.00	29.63 -0.57 0.00	25.29 -0.49 0.00	26.56 -0.51 0.00	26.97 -0.52 0.00	30.17 -0.55 0.00	36.25 -0.59 0.00	37.12 -0.64 0.00	37.04 -0.68 0.00	33.07 -0.67 0.00	34.12 -0.59 0.00	37.44 -0.65 0.00	37.48 -0.76 -0.04	42.62 -0.76 -1.01	45.27 -0.77 -0.68	51.36 -0.98 -0.94	57.44 -0.93 -0.17	66.77 -0.95 0.03	80.35 -1.05 -0.83	80.84 -0.99 0.45	80.03 -1.05 -0.05	58.91 -0.97 0.89	50.01 -0.93 0.58	43.82 -0.88 -0.76
YORK___WARBASSE 23770	36.33 2.12 0.00	32.48 2.27 -0.01	27.64 1.86 -0.01	28.92 1.84 -0.01	29.19 1.70 0.00	32.35 1.63 0.00	38.65 1.81 0.00	40.10 2.34 0.00	40.26 2.53 -0.02	43.43 2.46 -7.21	56.87 2.50 -19.66	59.26 2.55 -18.62	63.09 2.83 -22.07	63.53 3.22 -17.94	66.27 3.54 -17.37	92.50 4.16 -36.94	130.85 4.66 -68.00	133.89 5.28 -60.85	128.65 6.12 -41.96	114.41 7.32 -24.81	87.68 6.64 0.00	64.78 4.01 0.00	57.57 3.86 -2.18	48.57 3.34 -1.30