

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		08/27/2024																													
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT						
59TH STREET_GT_1		30.58	28.51	26.57	25.02	25.08	26.87	30.73	31.27	32.20	34.24	33.70	35.13	37.57	40.81	43.89	47.37	61.94	79.66	64.95	54.31	48.82	42.29	36.66	32.60						
24138		1.84	1.67	1.17	1.03	1.08	1.30	1.82	2.10	2.36	2.51	2.70	2.75	2.69	2.78	2.76	3.22	4.00	5.23	3.79	3.03	2.54	2.17	2.21	2.10						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-0.02	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1		30.72	28.59	26.65	25.09	25.15	26.94	30.78	31.33	32.26	34.27	33.67	35.16	37.67	40.97	44.14	47.68	62.17	80.25	65.44	54.72	49.43	42.57	36.83	32.72						
24260		1.98	1.74	1.24	1.10	1.15	1.38	1.88	2.16	2.42	2.54	2.67	2.78	2.79	2.93	3.00	3.53	4.23	5.82	4.28	3.44	3.15	2.45	2.38	2.23						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-0.02	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2		30.72	28.59	26.65	25.09	25.15	26.94	30.78	31.33	32.26	34.27	33.67	35.16	37.67	40.97	44.14	47.68	62.17	80.25	65.44	54.72	49.43	42.57	36.83	32.72						
24261		1.98	1.74	1.24	1.10	1.15	1.38	1.88	2.16	2.42	2.54	2.67	2.78	2.79	2.93	3.00	3.53	4.23	5.82	4.28	3.44	3.15	2.45	2.38	2.23						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-0.02	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS		31.24	29.18	27.39	25.86	25.67	27.46	31.22	31.13	31.90	33.83	33.05	34.55	37.22	40.47	43.97	47.46	62.52	79.06	66.68	56.10	50.77	43.41	37.45	33.15						
24011		2.50	2.34	1.98	1.87	1.68	1.89	2.31	1.95	2.06	2.09	2.05	2.17	2.34	2.43	2.84	3.31	4.58	6.12	5.56	4.82	4.49	3.29	3.00	2.65						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.02	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY		31.49	29.45	27.61	26.05	25.87	27.68	31.48	31.77	32.58	34.59	33.80	35.32	38.13	41.50	45.12	48.69	64.43	81.67	69.06	58.00	52.39	44.78	38.62	34.06						
23798		2.76	2.60	2.21	2.06	1.87	2.12	2.57	2.60	2.74	2.86	2.79	2.95	3.24	3.46	3.99	4.55	6.49	8.69	7.94	6.72	6.11	4.65	4.17	3.57						
		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	0.74	0.02	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS		31.24	29.18	27.39	25.86	25.67	27.46	31.22	31.13	31.90	33.83	33.05	34.55	37.22	40.47	43.97	47.46	62.52	79.06	66.68	56.10	50.77	43.41	37.45	33.15						
24028		2.50	2.34	1.98	1.87	1.68	1.89	2.31	1.95	2.06	2.09	2.05	2.17	2.34	2.43	2.84	3.31	4.58	6.12	5.56	4.82	4.49	3.29	3.00	2.65						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.02	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM		30.20	28.37	26.60	25.04	25.08	26.82	30.49	30.75	31.36	33.19	32.37	33.84	36.21	39.33	42.37	45.47	59.63	74.01	62.43	53.03	47.99	41.65	36.04	32.29						
23527		1.46	1.53	1.19	1.05	1.08	1.25	1.59	1.57	1.52	1.46	1.36	1.46	1.33	1.29	1.23	1.32	1.68	1.84	1.34	1.74	1.71	1.52	1.59	1.80						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	0.05	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP		28.99	27.14	25.53	24.11	24.14	25.74	29.19	29.40	30.11	31.89	31.19	32.51	34.92	37.96	41.05	44.19	57.83	73.08	61.12	51.49	46.65	40.24	34.62	30.86						
24190		0.26	0.30	0.13	0.12	0.14	0.18	0.29	0.23	0.27	0.16	0.19	0.13	0.03	-0.08	-0.08	0.04	-0.12	0.00	0.00	0.21	0.37	0.12	0.17	0.37						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.02	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK		28.28	26.47	25.33	23.94	23.90	25.46	28.62	28.82	29.45	31.35	30.63	31.96	34.40	37.50	40.44	42.95	57.03	73.67	58.97	49.54	44.57	39.20	33.76	29.89						
355683		-0.46	-0.38	-0.08	-0.05	-0.10	-0.10	-0.29	-0.35	-0.39	-0.38	-0.37	-0.42	-0.49	-0.53	-0.70	-1.19	-2.03	-2.65	-2.20	-1.74	-1.71	-0.92	-0.69	-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	-1.11	-2.61	-0.03	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR		29.65	27.78	26.11	24.69	24.69	26.31	29.83	29.96	30.58	32.30	31.47	32.80	35.16	38.27	41.38	44.54	58.58	74.66	62.47	52.67	47.62	41.21	35.45	31.53						
323833		0.92	0.94	0.71	0.70	0.70	0.74	0.92	0.79	0.75	0.57	0.47	0.42	0.28	0.23	0.25	0.40	0.64	1.33	1.34	1.39	1.34	1.08	1.00	1.04						
		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	0.38	0.01	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR		29.63	27.78	26.09	24.69	24.69	26.31	29.83	29.96	30.55	32.30	31.47	32.80	35.16	38.27	41.38	44.54	58.58	74.66	62.41	52.67	47.62	41.17	35.45	31.50						
323834		0.89	0.94	0.69	0.70	0.70	0.74	0.92	0.79	0.71	0.57	0.47	0.42	0.28	0.23	0.25	0.40	0.64	1.33	1.29	1.39	1.34	1.04	1.00	1.00						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.01	0.00	0.00	0.00	0.00	0.00						
ALBANY___1		28.99	27.14	25.53	24.11	24.14	25.74	29.19	29.40	30.11	31.89	31.19	32.51	34.92	37.96	41.05	44.19	57.83	73.08	61.12	51.49	46.65	40.24	34.62	30.86						
23571		0.26	0.30	0.13	0.12	0.14	0.18	0.29	0.23	0.27	0.16	0.19	0.13	0.03	-0.08	-0.08	0.04	-0.12	0.00	0.00	0.21	0.37	0.12	0.17	0.37						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.02	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	28.99 0.26 0.00	27.14 0.30 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.51 0.13 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.05 -0.08 0.00	44.19 0.04 0.00	57.83 -0.12 0.00	73.08 0.00 0.63	61.12 0.00 0.02	51.49 0.21 0.00	46.65 0.37 0.00	40.24 0.12 0.00	34.62 0.17 0.00	30.86 0.37 0.00
ALBANY___3 23573	28.99 0.26 0.00	27.14 0.30 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.51 0.13 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.05 -0.08 0.00	44.19 0.04 0.00	57.83 -0.12 0.00	73.08 0.00 0.63	61.12 0.00 0.02	51.49 0.21 0.00	46.65 0.37 0.00	40.24 0.12 0.00	34.62 0.17 0.00	30.86 0.37 0.00
ALBANY___4 23574	28.99 0.26 0.00	27.14 0.30 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.51 0.13 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.05 -0.08 0.00	44.19 0.04 0.00	57.83 -0.12 0.00	73.08 0.00 0.63	61.12 0.00 0.02	51.49 0.21 0.00	46.65 0.37 0.00	40.24 0.12 0.00	34.62 0.17 0.00	30.86 0.37 0.00
ALBANY___LFGE 323615	29.34 0.60 0.00	27.52 0.67 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.54 0.64 0.00	29.75 0.58 0.00	30.44 0.60 0.00	32.27 0.54 0.00	31.53 0.53 0.00	32.96 0.58 0.00	35.37 0.49 0.00	38.46 0.42 0.00	41.59 0.45 0.00	44.68 0.53 0.00	58.58 0.64 0.00	73.94 0.89 0.66	61.85 0.74 0.02	52.10 0.82 0.00	47.07 0.79 0.00	40.73 0.60 0.00	35.07 0.62 0.00	31.23 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	28.28 -0.46 0.00	26.44 -0.40 0.00	25.33 -0.08 0.00	23.94 -0.05 0.00	23.90 -0.10 0.00	25.46 -0.10 0.00	28.59 -0.32 0.00	28.82 -0.35 0.00	29.42 -0.42 0.00	31.32 -0.41 0.00	30.57 -0.43 0.00	31.89 -0.49 0.00	34.33 -0.56 0.00	37.43 -0.61 0.00	40.35 -0.78 0.00	42.87 -1.28 0.00	57.20 -2.55 -1.80	74.55 -3.39 -4.23	58.37 -2.81 -0.05	49.08 -2.21 0.00	44.15 -2.13 0.00	39.12 -1.00 0.00	33.73 -0.72 0.00	29.86 -0.64 0.00
ALCOA_RYNLDS___DRP 24188	28.28 -0.46 0.00	26.44 -0.40 0.00	25.33 -0.08 0.00	23.94 -0.05 0.00	23.90 -0.10 0.00	25.46 -0.10 0.00	28.59 -0.32 0.00	28.82 -0.35 0.00	29.42 -0.42 0.00	31.32 -0.41 0.00	30.57 -0.43 0.00	31.89 -0.49 0.00	34.33 -0.56 0.00	37.43 -0.61 0.00	40.35 -0.78 0.00	42.87 -1.28 0.00	57.20 -2.55 -1.80	74.55 -3.39 -4.23	58.37 -2.81 -0.05	49.08 -2.21 0.00	44.15 -2.13 0.00	39.12 -1.00 0.00	33.73 -0.72 0.00	29.86 -0.64 0.00
ALCOA___DSASP 323711	28.27 -0.46 0.00	26.41 -0.43 0.00	25.33 -0.08 0.00	23.94 -0.05 0.00	23.90 -0.10 0.00	25.46 -0.10 0.00	28.59 -0.32 0.00	28.82 -0.35 0.00	29.42 -0.42 0.00	31.32 -0.41 0.00	30.57 -0.43 0.00	31.89 -0.48 0.00	34.32 -0.56 0.00	37.43 -0.61 0.00	40.56 -0.58 0.00	43.26 -0.88 0.00	57.63 -2.14 -1.83	75.36 -2.65 -4.30	59.29 -1.90 -0.05	49.49 -1.80 0.00	45.26 -1.02 0.00	39.32 -0.80 0.00	33.73 -0.73 0.00	29.85 -0.64 0.00
ALLEGHENY___COGEN 23514	29.74 1.01 0.00	27.65 0.80 0.00	25.99 0.58 0.00	24.33 0.34 0.00	24.28 0.29 0.00	26.02 0.46 0.00	29.74 0.84 0.00	30.34 1.17 0.00	30.73 0.89 0.00	32.72 0.98 0.00	31.63 0.62 0.00	33.09 0.71 0.00	36.38 1.50 0.00	38.64 0.61 0.00	42.00 0.87 0.00	45.92 1.77 0.00	61.54 3.59 0.00	78.79 5.08 0.00	66.58 5.44 0.00	56.46 5.18 0.00	50.82 4.54 0.00	43.37 3.25 0.00	36.45 2.00 0.00	32.26 1.77 0.00
ALTAMONT_115KV_TB 2 55880	29.43 0.69 0.00	27.49 0.64 0.00	25.86 0.46 0.00	24.45 0.46 0.00	24.48 0.48 0.00	26.07 0.51 0.00	29.60 0.69 0.00	29.84 0.67 0.00	30.52 0.69 0.00	32.40 0.67 0.00	31.66 0.65 0.00	33.03 0.65 0.00	35.51 0.63 0.00	38.61 0.57 0.00	41.75 0.62 0.00	44.94 0.79 0.00	58.87 0.93 0.00	74.67 1.33 0.36	62.23 1.10 0.01	52.36 1.08 0.00	47.39 1.11 0.00	40.93 0.80 0.00	35.21 0.76 0.00	31.29 0.79 0.00
ALTONA_WT_PWR 323606	29.17 0.43 0.00	27.17 0.32 0.00	26.04 0.64 0.00	24.59 0.60 0.00	24.50 0.50 0.00	26.10 0.54 0.00	29.37 0.46 0.00	29.64 0.47 0.00	30.29 0.45 0.00	32.30 0.57 0.00	31.59 0.59 0.00	32.93 0.55 0.00	35.41 0.52 0.00	38.61 0.57 0.00	41.88 0.74 0.00	44.59 0.44 0.00	57.52 0.12 0.54	72.73 0.30 1.28	61.86 0.74 0.01	51.39 0.10 0.00	46.33 0.05 0.00	40.04 -0.08 0.00	34.21 -0.24 0.00	30.19 -0.30 0.00
AMERICAN_REF_FUEL 24010	27.73 -1.01 0.00	25.74 -1.10 0.00	24.31 -1.09 0.00	22.69 -1.30 0.00	22.60 -1.39 0.00	24.23 -1.33 0.00	27.34 -1.56 0.00	28.09 -1.08 0.00	28.94 -0.89 0.00	31.38 -0.35 0.00	30.35 -0.65 0.00	31.83 -0.55 0.00	35.41 0.52 0.00	39.06 1.03 0.00	42.16 1.03 0.00	46.14 1.99 0.00	62.02 4.05 -0.02	78.15 4.42 -0.02	64.96 3.79 -0.03	54.23 2.92 -0.02	48.22 1.94 0.00	41.41 1.28 0.00	34.97 0.52 0.00	29.89 -0.61 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.25 0.52 0.00	27.09 0.24 0.00	25.43 0.03 0.00	23.75 -0.24 0.00	23.68 -0.31 0.00	25.39 -0.18 0.00	28.82 -0.09 0.00	29.84 0.67 0.00	30.61 0.77 0.00	33.29 1.55 0.00	32.43 1.43 0.00	34.06 1.68 0.00	37.92 3.03 0.00	41.88 3.84 0.00	45.25 4.11 0.00	49.36 5.21 -0.01	66.24 8.29 -0.01	83.45 9.73 -0.01	68.86 7.70 -0.02	57.29 6.00 -0.01	51.00 4.72 0.00	43.61 3.49 0.00	36.55 2.10 0.00	31.07 0.58 0.00
ARTHUR KILL_GT_1 23520	41.56 1.93 -10.90	40.64 1.67 -12.13	40.27 1.17 -13.69	25.08 1.03 -0.06	28.84 1.08 -3.77	26.92 1.30 -0.06	40.28 1.73 -9.64	40.28 1.95 -9.15	40.62 2.21 -8.57	41.19 2.32 -7.15	41.57 2.51 -8.06	58.65 2.62 -23.65	52.03 2.62 -14.53	60.50 2.74 -19.72	94.70 2.67 -50.89	60.30 3.13 -13.02	62.22 3.71 -0.56	92.95 5.01 -14.22	64.64 3.48 -0.01	60.04 3.08 -5.68	58.37 2.59 -9.50	43.61 2.25 -1.24	42.75 2.27 -6.03	41.19 2.17 -8.53
ARTHUR_KILL_2 23512	41.45 1.81 -10.90	40.53 1.56 -12.13	40.19 1.09 -13.69	25.01 0.96 -0.06	28.77 1.01 -3.77	26.85 1.23 -0.06	40.19 1.65 -9.64	40.19 1.87 -9.15	40.53 2.12 -8.57	41.10 2.22 -7.15	41.45 2.39 -8.06	58.52 2.49 -23.65	51.89 2.48 -14.53	60.31 2.55 -19.72	94.54 2.51 -50.89	60.08 2.91 -13.02	61.92 3.42 -0.56	92.58 4.65 -14.22	64.33 3.18 -0.01	59.78 2.82 -5.68	58.14 2.36 -9.50	43.45 2.09 -1.24	42.58 2.10 -6.03	41.10 2.07 -8.53
ARTHUR_KILL_3 23513	41.25 1.61 -10.91	40.41 1.45 -12.12	40.08 0.99 -13.69	24.88 0.84 -0.05	28.64 0.89 -3.76	26.68 1.07 -0.05	40.11 1.56 -9.65	40.14 1.81 -9.16	40.45 2.03 -8.58	40.98 2.09 -7.16	41.33 2.26 -8.06	58.37 2.33 -23.66	51.65 2.23 -14.53	60.09 2.32 -19.73	94.26 2.22 -50.90	59.78 2.60 -13.03	61.70 3.18 -0.57	92.21 4.27 -14.23	64.10 2.93 -0.02	59.33 2.36 -5.69	57.77 1.99 -9.50	43.10 1.72 -1.25	42.35 1.86 -6.04	40.89 1.86 -8.54

ARTHUR_KILL_COGEN 323718	41.56 1.93 -10.90	40.64 1.67 -12.13	40.27 1.17 -13.69	25.08 1.03 -0.06	28.84 1.08 -3.77	26.92 1.30 -0.06	40.28 1.73 -9.64	40.28 1.95 -9.15	40.62 2.21 -8.57	41.19 2.32 -7.15	41.57 2.51 -8.06	58.65 2.62 -23.65	52.03 2.62 -14.53	60.50 2.74 -19.72	94.70 2.67 -50.89	60.30 3.13 -13.02	62.22 3.71 -0.56	92.95 5.01 -14.22	64.64 3.48 -0.01	60.04 3.08 -5.68	58.37 2.59 -9.50	43.61 2.25 -1.24	42.75 2.27 -6.03	41.19 2.17 -8.53
ASHOKAN____ 23654	29.68 0.95 0.00	27.78 0.94 0.00	25.99 0.58 0.00	24.59 0.60 0.00	24.64 0.65 0.00	26.23 0.66 0.00	29.80 0.90 0.00	29.72 0.55 0.00	30.35 0.51 0.00	32.02 0.28 0.00	31.32 0.31 0.00	32.61 0.23 0.00	35.13 0.25 0.00	38.23 0.19 0.00	41.59 0.45 0.00	44.85 0.70 0.00	59.16 1.22 0.00	78.79 5.08 0.00	63.46 2.32 0.00	53.28 2.00 0.00	48.18 1.90 0.00	41.37 1.25 0.00	35.62 1.17 0.00	31.65 1.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.28 2.10 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.20 3.04 -0.01	61.66 3.71 -0.01	79.51 5.08 -0.72	64.65 3.48 -0.03	54.32 3.03 -0.01	48.83 2.54 -0.01	42.42 2.29 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.28 2.10 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.20 3.04 -0.01	61.66 3.71 -0.01	79.51 5.08 -0.72	64.65 3.48 -0.03	54.32 3.03 -0.01	48.83 2.54 -0.01	42.42 2.29 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
ASTORIA_GT2_1 24094	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT2_2 24095	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT2_3 24096	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT2_4 24097	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT3_1 24098	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT3_2 24099	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT3_3 24100	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT3_4 24101	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT4_1 24102	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT4_2 24103	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT4_3 24104	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01

ASTORIA_GT4_4 24105	30.70 1.95 -0.01	28.71 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.28 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.06 2.32 -0.01	33.49 2.48 -0.01	34.94 2.56 -0.01	37.44 2.55 -0.01	40.67 2.62 -0.01	43.98 2.84 -0.01	47.42 3.27 -0.01	61.89 3.94 -0.01	80.03 5.60 -0.72	65.14 3.97 -0.03	54.63 3.33 -0.01	49.30 3.01 -0.01	42.54 2.41 -0.01	36.66 2.20 -0.01	32.73 2.23 -0.01
ASTORIA_GT_1 23523	30.72 1.98 -0.01	28.79 1.93 -0.01	26.83 1.42 -0.01	25.25 1.25 -0.01	25.30 1.29 -0.01	27.07 1.51 0.00	30.88 1.97 -0.01	31.34 2.16 -0.01	32.20 2.36 -0.01	34.12 2.38 -0.01	33.56 2.54 -0.01	35.01 2.62 -0.01	37.47 2.58 -0.01	40.71 2.66 -0.01	43.94 2.80 -0.01	47.33 3.18 -0.01	61.89 3.94 -0.01	79.81 5.38 -0.72	64.90 3.73 -0.03	54.52 3.23 -0.01	49.02 2.73 -0.01	42.54 2.41 -0.01	36.70 2.24 -0.01	32.79 2.29 -0.01
ASTORIA_GT_10 24110	30.64 1.90 -0.01	28.51 1.66 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.70 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.96 2.62 -3.46	41.25 2.66 -0.55	43.90 2.76 -0.01	47.38 3.22 -0.01	61.65 3.71 0.00	79.66 5.23 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.38 2.25 -0.01	36.70 2.24 -0.01	32.64 2.13 -0.01
ASTORIA_GT_11 24225	30.64 1.90 -0.01	28.51 1.66 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.70 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.96 2.62 -3.46	41.25 2.66 -0.55	43.90 2.76 -0.01	47.38 3.22 -0.01	61.65 3.71 0.00	79.66 5.23 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.38 2.25 -0.01	36.70 2.24 -0.01	32.64 2.13 -0.01
ASTORIA_GT_12 24226	30.64 1.90 -0.01	28.51 1.66 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.70 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.96 2.62 -3.46	41.25 2.66 -0.55	43.90 2.76 -0.01	47.38 3.22 -0.01	61.65 3.71 0.00	79.66 5.23 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.38 2.25 -0.01	36.70 2.24 -0.01	32.64 2.13 -0.01
ASTORIA_GT_13 24227	30.64 1.90 -0.01	28.51 1.66 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.70 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.96 2.62 -3.46	41.25 2.66 -0.55	43.90 2.76 -0.01	47.38 3.22 -0.01	61.65 3.71 0.00	79.66 5.23 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.38 2.25 -0.01	36.70 2.24 -0.01	32.64 2.13 -0.01
ASTORIA_GT_5 24106	30.75 2.01 -0.01	28.76 1.91 -0.01	26.81 1.40 -0.01	25.25 1.25 -0.01	25.30 1.30 -0.01	27.07 1.51 0.00	30.88 1.97 -0.01	31.34 2.16 -0.01	32.20 2.36 -0.01	34.12 2.38 -0.01	33.56 2.54 -0.01	35.01 2.62 -0.01	37.54 2.65 -0.01	40.75 2.70 -0.01	44.10 2.96 -0.01	47.60 3.44 -0.01	62.07 4.11 -0.01	80.25 5.82 -0.72	65.33 4.16 -0.03	54.78 3.49 -0.01	49.48 3.19 -0.01	42.66 2.53 -0.01	36.77 2.31 -0.01	32.79 2.29 -0.01
ASTORIA_GT_7 24107	30.75 2.01 -0.01	28.76 1.91 -0.01	26.81 1.40 -0.01	25.25 1.25 -0.01	25.30 1.30 -0.01	27.07 1.51 0.00	30.88 1.97 -0.01	31.34 2.16 -0.01	32.20 2.36 -0.01	34.12 2.38 -0.01	33.56 2.54 -0.01	35.01 2.62 -0.01	37.54 2.65 -0.01	40.75 2.70 -0.01	44.10 2.96 -0.01	47.60 3.44 -0.01	62.07 4.11 -0.01	80.25 5.82 -0.72	65.33 4.16 -0.03	54.78 3.49 -0.01	49.48 3.19 -0.01	42.66 2.53 -0.01	36.77 2.31 -0.01	32.79 2.29 -0.01
ASTORIA_GT_8 24108	30.75 2.01 -0.01	28.76 1.91 -0.01	26.81 1.40 -0.01	25.25 1.25 -0.01	25.30 1.30 -0.01	27.07 1.51 0.00	30.88 1.97 -0.01	31.34 2.16 -0.01	32.20 2.36 -0.01	34.12 2.38 -0.01	33.56 2.54 -0.01	35.01 2.62 -0.01	37.54 2.65 -0.01	40.75 2.70 -0.01	44.10 2.96 -0.01	47.60 3.44 -0.01	62.07 4.11 -0.01	80.25 5.82 -0.72	65.33 4.16 -0.03	54.78 3.49 -0.01	49.48 3.19 -0.01	42.66 2.53 -0.01	36.77 2.31 -0.01	32.79 2.29 -0.01
ASTORIA___2 24149	30.67 1.93 -0.01	28.73 1.88 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.27 1.27 -0.01	27.02 1.46 0.00	30.85 1.94 -0.01	31.28 2.10 -0.01	32.14 2.30 -0.01	34.05 2.32 -0.01	33.50 2.48 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.82 2.67 -0.01	47.20 3.04 -0.01	61.72 3.76 -0.01	79.51 5.08 -0.72	64.71 3.54 -0.03	54.37 3.08 -0.01	48.88 2.59 -0.01	42.42 2.29 -0.01	36.63 2.17 -0.01	32.73 2.23 -0.01
ASTORIA___3 23516	30.61 1.87 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.04 1.05 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.71 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.88 2.55 -3.46	41.21 2.62 -0.55	43.74 2.59 -0.01	47.16 3.00 -0.01	61.48 3.54 0.00	79.21 4.79 -0.71	64.40 3.24 -0.02	54.10 2.82 0.00	48.64 2.36 0.00	42.26 2.13 -0.01	36.63 2.17 -0.01	32.64 2.13 -0.01
ASTORIA___4 23517	30.64 1.90 -0.01	28.51 1.66 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.70 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.96 2.62 -3.46	41.25 2.66 -0.55	43.90 2.76 -0.01	47.38 3.22 -0.01	61.65 3.71 0.00	79.66 5.23 -0.71	64.89 3.73 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.38 2.25 -0.01	36.70 2.24 -0.01	32.64 2.13 -0.01
ASTORIA___5 23518	30.61 1.87 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.04 1.05 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.71 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.88 2.55 -3.46	41.21 2.62 -0.55	43.74 2.59 -0.01	47.16 3.00 -0.01	61.48 3.54 0.00	79.21 4.79 -0.71	64.40 3.24 -0.02	54.10 2.82 0.00	48.64 2.36 0.00	42.26 2.13 -0.01	36.63 2.17 -0.01	32.64 2.13 -0.01
AST_ENERGY_2_CC3 323677	30.43 1.69 0.00	28.37 1.53 0.00	26.45 1.04 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.71 1.15 0.00	30.52 1.62 0.00	31.04 1.87 0.00	31.93 2.09 0.00	33.92 2.19 0.00	33.33 2.33 0.00	34.77 2.40 0.00	37.22 2.34 0.00	40.47 2.44 0.00	43.48 2.34 0.00	46.88 2.74 0.00	61.30 3.36 0.00	78.85 4.42 -0.71	64.28 3.12 -0.02	53.80 2.51 0.00	48.41 2.13 0.00	41.97 1.85 0.00	36.41 1.96 0.00	32.45 1.95 0.00
AST_ENERGY_2_CC4 323678	30.43 1.69 0.00	28.37 1.53 0.00	26.45 1.04 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.71 1.15 0.00	30.52 1.62 0.00	31.04 1.87 0.00	31.93 2.09 0.00	33.92 2.19 0.00	33.33 2.33 0.00	34.77 2.40 0.00	37.22 2.34 0.00	40.47 2.44 0.00	43.48 2.34 0.00	46.88 2.74 0.00	61.30 3.36 0.00	78.85 4.42 -0.71	64.28 3.12 -0.02	53.80 2.51 0.00	48.41 2.13 0.00	41.97 1.85 0.00	36.41 1.96 0.00	32.45 1.95 0.00

ATHENS_STG_1 23668	29.51 0.78 0.00	27.60 0.75 0.00	25.86 0.46 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.10 0.54 0.00	29.65 0.75 0.00	30.02 0.85 0.00	30.76 0.93 0.00	32.62 0.89 0.00	31.91 0.90 0.00	33.28 0.91 0.00	35.72 0.84 0.00	38.87 0.84 0.00	41.91 0.78 0.00	45.07 0.93 0.00	58.99 1.04 0.00	75.31 1.33 -0.28	62.07 0.92 -0.01	52.21 0.92 0.00	47.16 0.88 0.00	40.85 0.72 0.00	35.28 0.83 0.00	31.41 0.91 0.00
ATHENS_STG_2 23670	29.51 0.78 0.00	27.60 0.75 0.00	25.86 0.46 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.10 0.54 0.00	29.65 0.75 0.00	30.02 0.85 0.00	30.76 0.93 0.00	32.62 0.89 0.00	31.91 0.90 0.00	33.28 0.91 0.00	35.72 0.84 0.00	38.87 0.84 0.00	41.91 0.78 0.00	45.07 0.93 0.00	58.99 1.04 0.00	75.31 1.33 -0.28	62.07 0.92 -0.01	52.21 0.92 0.00	47.16 0.88 0.00	40.85 0.72 0.00	35.28 0.83 0.00	31.41 0.91 0.00
ATHENS_STG_3 23677	29.51 0.78 0.00	27.60 0.75 0.00	25.86 0.46 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.10 0.54 0.00	29.65 0.75 0.00	30.02 0.85 0.00	30.76 0.93 0.00	32.62 0.89 0.00	31.91 0.90 0.00	33.28 0.91 0.00	35.72 0.84 0.00	38.87 0.84 0.00	41.91 0.78 0.00	45.07 0.93 0.00	58.99 1.04 0.00	75.31 1.33 -0.28	62.07 0.92 -0.01	52.21 0.92 0.00	47.16 0.88 0.00	40.85 0.72 0.00	35.28 0.83 0.00	31.41 0.91 0.00
AUBURN___LFGE 323710	29.05 0.32 0.00	27.06 0.21 0.00	25.48 0.08 0.00	23.99 0.00 0.00	24.00 0.00 0.00	25.59 0.03 0.00	29.11 0.20 0.00	29.43 0.26 0.00	30.05 0.21 0.00	32.08 0.35 0.00	31.28 0.28 0.00	32.73 0.36 0.00	35.44 0.56 0.00	38.87 0.84 0.00	42.29 1.15 0.00	45.74 1.59 0.00	60.78 2.84 0.00	77.39 3.69 0.00	64.25 3.12 0.00	53.59 2.31 0.00	48.27 1.99 0.00	41.33 1.20 0.00	35.21 0.76 0.00	30.80 0.30 0.00
BABYLON_RES_REC 323704	30.98 2.24 0.00	29.44 2.12 -0.48	27.03 1.63 0.00	25.28 1.29 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.59 2.42 0.00	33.96 2.74 -1.37	34.24 2.51 0.00	33.83 2.82 0.00	35.16 2.78 0.00	37.08 2.20 0.00	40.28 2.24 0.00	43.64 2.47 -0.04	46.80 2.65 0.00	61.13 3.18 0.00	78.25 3.83 -0.71	64.10 2.93 -0.02	53.28 2.00 0.00	47.86 1.57 0.00	41.85 1.72 0.00	36.00 1.55 0.00	33.36 2.56 -0.31
BABYLON__69_KV_BK2 356345	31.32 2.59 0.00	29.74 2.42 -0.48	27.26 1.85 0.00	25.57 1.58 0.00	25.53 1.54 0.00	27.61 2.05 0.00	31.27 2.37 0.00	31.94 2.77 0.00	34.35 3.13 -1.37	34.59 2.86 0.00	34.29 3.29 0.00	35.75 3.37 0.00	38.16 3.28 0.00	41.46 3.42 0.00	45.17 3.99 -0.04	48.53 4.37 -0.01	63.22 5.27 0.00	80.91 6.49 -0.71	66.30 5.14 -0.02	55.44 4.15 0.00	50.26 3.98 0.00	43.25 3.13 0.00	37.03 2.58 0.00	33.82 3.02 -0.31
BALL_HILL_WT_PWR 323825	28.79 0.06 0.00	26.69 -0.16 0.00	25.12 -0.28 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.08 -0.49 0.00	28.41 -0.49 0.00	29.35 0.18 0.00	30.17 0.33 0.00	32.72 0.98 0.00	31.75 0.74 0.00	33.35 0.97 0.00	37.08 2.20 0.00	40.89 2.85 0.00	44.22 3.09 0.00	48.26 4.11 -0.01	64.79 6.83 -0.01	81.69 7.96 -0.01	67.52 6.36 -0.02	56.27 4.97 -0.01	50.21 3.93 0.00	43.09 2.97 0.00	36.24 1.79 0.00	30.95 0.46 0.00
BARON_WINDS___WT_PWR 323822	28.96 0.23 0.00	26.90 0.05 0.00	25.28 -0.13 0.00	23.70 -0.29 0.00	23.68 -0.31 0.00	25.31 -0.26 0.00	28.85 -0.06 0.00	29.55 0.38 0.00	30.26 0.42 0.00	32.59 0.86 0.00	31.66 0.65 0.00	33.15 0.78 0.00	36.46 1.57 0.00	40.01 1.98 0.00	43.35 2.22 0.00	47.15 3.00 0.00	62.87 4.92 -0.01	79.68 5.97 -0.01	65.98 4.83 -0.01	55.14 3.85 -0.01	49.43 3.15 0.00	42.37 2.25 0.00	35.86 1.41 0.00	30.98 0.49 0.00
BARRETT_IC_1 23704	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_10 23701	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_11 23702	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_12 23703	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_2 23705	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_3 23706	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_4 23707	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31

BARRETT_IC_5 23708	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_6 23709	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_7 23710	30.80 2.07 0.00	29.20 1.88 -0.48	26.75 1.35 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.07 1.51 0.00	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.92 2.19 0.00	33.49 2.48 0.00	34.87 2.49 0.00	37.29 2.41 0.00	40.43 2.40 0.00	43.82 2.67 -0.01	47.19 3.05 0.00	61.65 3.71 0.00	78.62 4.20 -0.71	64.65 3.48 -0.02	53.95 2.67 0.00	48.83 2.55 0.00	42.05 1.93 0.00	36.59 2.14 0.00	33.15 2.35 -0.31
BARRETT_IC_8 23711	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT_IC_9 23700	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT___1 23545	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BARRETT___2 23546	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.95 2.22 0.00	33.49 2.48 0.00	34.84 2.46 0.00	37.12 2.23 0.00	40.28 2.24 0.00	43.49 2.34 -0.01	46.88 2.74 0.00	61.30 3.36 0.00	78.17 3.76 -0.71	64.22 3.06 -0.02	53.49 2.20 0.00	48.08 1.80 0.00	41.81 1.68 0.00	36.24 1.79 0.00	33.12 2.32 -0.31
BATAVIA__115KV_TB1 55881	28.82 0.09 0.00	26.76 -0.08 0.00	25.30 -0.10 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.18 -0.38 0.00	28.62 -0.29 0.00	29.43 0.26 0.00	30.29 0.45 0.00	32.75 1.02 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.70 1.81 0.00	40.55 2.51 0.00	44.10 2.96 0.00	48.25 4.11 0.00	65.36 7.30 -0.11	82.44 8.62 -0.11	68.93 7.64 -0.15	57.09 5.69 -0.11	50.91 4.63 0.00	43.41 3.29 0.00	36.62 2.17 0.00	31.35 0.85 0.00
BAYONEEC___CTG1 323682	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG10 323750	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG2 323683	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG3 323684	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG4 323685	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG5 323686	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG6 323687	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00

BAYONEEC___CTG7 323688	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG8 323689	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BAYONEEC___CTG9 323749	30.46 1.72 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.07 1.90 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.30 3.36 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.45 2.00 0.00	32.48 1.98 0.00
BEACON___LESR 323632	29.48 0.75 0.00	27.62 0.78 0.00	25.91 0.51 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.15 0.59 0.00	29.69 0.78 0.00	29.90 0.73 0.00	30.58 0.75 0.00	32.43 0.70 0.00	31.69 0.68 0.00	33.12 0.75 0.00	35.51 0.63 0.00	38.61 0.57 0.00	41.79 0.66 0.00	44.98 0.84 0.00	59.04 1.10 0.00	74.60 1.55 0.66	62.40 1.29 0.02	52.57 1.28 0.00	47.48 1.20 0.00	41.05 0.92 0.00	35.34 0.89 0.00	31.44 0.95 0.00
BEAVER RIVER___HYD 24048	28.31 -0.43 0.00	26.36 -0.48 0.00	24.97 -0.43 0.00	23.53 -0.46 0.00	23.56 -0.43 0.00	25.13 -0.43 0.00	28.56 -0.35 0.00	28.85 -0.32 0.00	29.24 -0.60 0.00	31.06 -0.67 0.00	30.26 -0.74 0.00	31.67 -0.71 0.00	34.15 -0.73 0.00	37.43 -0.61 0.00	40.48 -0.66 0.00	43.57 -0.58 0.00	53.92 -0.99 3.04	65.61 -0.96 7.14	60.64 -0.42 0.08	51.18 -0.10 0.00	46.37 0.09 0.00	40.00 -0.12 0.00	33.93 -0.52 0.00	29.82 -0.67 0.00
BEEBEE_GT_13 23619	28.53 -0.20 0.00	26.55 -0.30 0.00	25.07 -0.33 0.00	23.46 -0.53 0.00	23.42 -0.58 0.00	25.05 -0.51 0.00	28.47 -0.43 0.00	29.05 -0.12 0.00	29.87 0.03 0.00	32.18 0.44 0.00	31.28 0.28 0.00	32.80 0.42 0.00	35.97 1.08 0.00	39.60 1.56 0.00	43.03 1.89 0.00	46.93 2.78 0.00	63.04 5.10 0.01	79.75 6.04 0.01	66.63 5.50 0.01	55.17 3.90 0.01	49.34 3.05 0.00	42.17 2.05 0.00	35.59 1.14 0.00	30.80 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.87 2.24 -24.89	46.23 1.93 -17.45	40.52 1.42 -13.69	25.29 1.25 -0.06	29.06 1.30 -3.77	27.15 1.53 -0.06	40.60 2.05 -9.64	44.70 2.33 -13.19	44.80 2.60 -12.36	46.46 2.73 -12.00	47.46 2.91 -13.54	75.12 3.04 -39.69	62.37 3.10 -24.38	70.27 3.27 -28.96	117.80 3.37 -73.29	66.80 3.88 -18.77	63.34 4.58 -0.82	100.29 6.41 -20.17	65.81 4.65 -0.02	63.42 3.95 -8.19	63.53 3.56 -13.68	44.78 2.85 -1.81	45.87 2.72 -8.70	45.30 2.50 -12.30
BETHLEHEM___GRP 23843	28.99 0.26 0.00	27.14 0.30 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.51 0.13 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.05 -0.08 0.00	44.19 0.04 0.00	57.83 -0.12 0.00	73.08 0.00 0.63	61.12 0.00 0.02	51.49 0.21 0.00	46.65 0.37 0.00	40.24 0.12 0.00	34.62 0.17 0.00	30.86 0.37 0.00
BETHLEHEM___GS1 323560	28.99 0.26 0.00	27.19 0.35 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.57 0.20 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.01 -0.12 0.00	44.06 -0.09 0.00	57.71 -0.23 0.00	72.86 -0.22 0.63	60.88 -0.24 0.02	51.34 0.05 0.00	46.42 0.14 0.00	40.16 0.04 0.00	34.62 0.17 0.00	30.86 0.37 0.00
BETHLEHEM___GS2 323561	28.99 0.26 0.00	27.19 0.35 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.57 0.20 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.01 -0.12 0.00	44.06 -0.09 0.00	57.71 -0.23 0.00	72.86 -0.22 0.63	60.88 -0.24 0.02	51.34 0.05 0.00	46.42 0.14 0.00	40.16 0.04 0.00	34.62 0.17 0.00	30.86 0.37 0.00
BETHLEHEM___GS3 323562	28.99 0.26 0.00	27.19 0.35 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.14 0.14 0.00	25.74 0.18 0.00	29.19 0.29 0.00	29.40 0.23 0.00	30.11 0.27 0.00	31.89 0.16 0.00	31.19 0.19 0.00	32.57 0.20 0.00	34.92 0.03 0.00	37.96 -0.08 0.00	41.01 -0.12 0.00	44.06 -0.09 0.00	57.71 -0.23 0.00	72.86 -0.22 0.63	60.88 -0.24 0.02	51.34 0.05 0.00	46.42 0.14 0.00	40.16 0.04 0.00	34.62 0.17 0.00	30.86 0.37 0.00
BETHLEHEM___STEEL 23779	28.65 -0.09 0.00	26.58 -0.27 0.00	25.12 -0.28 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	24.98 -0.59 0.00	28.27 -0.64 0.00	29.14 -0.03 0.00	30.02 0.18 0.00	32.52 0.79 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.77 1.88 0.00	40.59 2.55 0.00	44.06 2.92 0.00	48.13 3.97 -0.01	64.97 7.01 -0.02	81.61 7.89 -0.02	67.58 6.42 -0.02	56.12 4.82 -0.02	50.26 3.98 0.00	42.97 2.85 0.00	36.10 1.65 0.00	30.89 0.40 0.00
BETHLHEM_115KV_TB1 79974	29.05 0.32 0.00	27.19 0.35 0.00	25.56 0.15 0.00	24.13 0.14 0.00	24.16 0.17 0.00	25.77 0.20 0.00	29.22 0.32 0.00	29.43 0.26 0.00	30.14 0.30 0.00	31.92 0.19 0.00	31.22 0.22 0.00	32.54 0.16 0.00	34.95 0.07 0.00	38.00 -0.04 0.00	41.09 -0.04 0.00	44.23 0.09 0.00	57.89 -0.06 0.00	73.16 0.07 0.63	61.24 0.12 0.02	51.59 0.31 0.00	46.70 0.42 0.00	40.28 0.16 0.00	34.66 0.21 0.00	30.89 0.40 0.00
BETHPAGE_CC_5 323564	30.89 2.16 0.00	29.34 2.01 -0.48	26.93 1.52 0.00	25.24 1.25 0.00	25.22 1.22 0.00	27.10 1.53 -0.01	30.87 1.97 0.00	31.48 2.30 0.00	33.84 2.63 -1.37	34.17 2.44 0.00	33.76 2.76 0.00	35.10 2.72 0.00	37.33 2.44 0.00	40.55 2.51 0.00	43.78 2.59 -0.05	47.11 2.96 0.00	61.60 3.65 0.00	78.77 4.35 -0.71	64.46 3.30 -0.02	53.64 2.36 0.00	48.18 1.90 0.00	41.97 1.85 0.00	36.21 1.76 0.00	33.18 2.38 -0.31
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.76 0.03 0.00	26.66 -0.19 0.00	25.20 -0.20 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.05 -0.51 0.00	28.38 -0.52 0.00	29.26 0.09 0.00	30.14 0.30 0.00	32.65 0.92 0.00	31.69 0.68 0.00	33.29 0.91 0.00	36.94 2.06 0.00	40.81 2.78 0.00	44.26 3.13 0.00	48.39 4.24 -0.01	65.26 7.30 -0.01	81.98 8.26 -0.01	67.70 6.54 -0.02	56.27 4.97 -0.01	50.49 4.21 0.00	43.13 3.01 0.00	36.24 1.79 0.00	31.01 0.52 0.00

BINGHAMTON___COGEN 23790	29.11 0.37 0.00	27.11 0.27 0.00	25.51 0.10 0.00	24.01 0.02 0.00	24.02 0.02 0.00	25.61 0.05 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.63 0.62 0.00	33.06 0.68 0.00	35.90 1.01 0.00	39.29 1.26 0.00	42.66 1.52 0.00	46.18 2.03 0.00	61.25 3.30 0.00	77.76 4.05 0.00	64.44 3.30 0.00	53.85 2.56 0.00	48.55 2.27 0.00	41.69 1.56 0.00	35.48 1.03 0.00	31.08 0.58 0.00
BIXINCNT_115KV_LOAD 355685	29.08 0.34 0.00	26.93 0.08 0.00	25.40 0.00 0.00	23.68 -0.31 0.00	23.61 -0.38 0.00	25.28 -0.28 0.00	28.67 -0.23 0.00	29.70 0.53 0.00	30.55 0.72 0.00	33.03 1.30 0.00	32.03 1.02 0.00	33.54 1.17 0.00	37.26 2.37 0.00	41.00 2.97 0.00	44.30 3.17 0.00	48.39 4.24 -0.01	65.20 7.24 -0.01	82.27 8.55 -0.01	67.76 6.60 -0.02	56.27 4.97 -0.01	50.77 4.49 0.00	43.29 3.17 0.00	36.41 1.96 0.00	31.14 0.64 0.00
BLACK RIVER___HYD 24047	28.50 -0.23 0.00	26.52 -0.32 0.00	25.05 -0.36 0.00	23.61 -0.38 0.00	23.66 -0.34 0.00	25.23 -0.33 0.00	28.76 -0.14 0.00	28.94 -0.23 0.00	29.30 -0.54 0.00	31.16 -0.57 0.00	30.32 -0.68 0.00	31.76 -0.62 0.00	34.26 -0.63 0.00	37.58 -0.45 0.00	40.56 -0.58 0.00	43.79 -0.35 0.00	55.35 -0.47 2.13	68.50 -0.22 4.99	61.45 0.37 0.05	51.95 0.66 0.00	47.02 0.74 0.00	40.53 0.40 0.00	34.42 -0.03 0.00	30.16 -0.33 0.00
BLACKRVR_115KV_TB2 79977	28.48 -0.26 0.00	26.50 -0.35 0.00	25.07 -0.33 0.00	23.61 -0.38 0.00	23.66 -0.34 0.00	25.23 -0.33 0.00	28.76 -0.14 0.00	28.94 -0.23 0.00	29.30 -0.54 0.00	31.16 -0.57 0.00	30.32 -0.68 0.00	31.76 -0.62 0.00	34.26 -0.63 0.00	37.58 -0.46 0.00	40.56 -0.58 0.00	43.79 -0.35 0.00	55.28 -0.41 2.25	68.27 -0.15 5.29	61.45 0.37 0.05	51.95 0.67 0.00	46.93 0.65 0.00	40.53 0.40 0.00	34.38 -0.07 0.00	30.16 -0.34 0.00
BLISS_WT_PWR 323608	29.05 0.32 0.00	26.93 0.08 0.00	25.33 -0.08 0.00	23.68 -0.31 0.00	23.61 -0.38 0.00	25.26 -0.31 0.00	28.64 -0.26 0.00	29.70 0.53 0.00	30.55 0.71 0.00	33.03 1.30 0.00	32.03 1.02 0.00	33.51 1.13 0.00	37.33 2.44 0.00	41.04 3.00 0.00	44.14 3.00 0.00	48.17 4.02 -0.01	64.68 6.72 -0.01	81.83 8.11 -0.01	67.52 6.36 -0.02	56.07 4.77 -0.01	50.35 4.07 0.00	43.13 3.01 0.00	36.38 1.93 0.00	31.07 0.58 0.00
BLUESTONE___WT_PWR 323821	30.31 1.58 0.00	28.21 1.37 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.66 1.10 0.00	30.49 1.59 0.00	30.89 1.72 0.00	31.45 1.61 0.00	33.48 1.74 0.00	32.62 1.61 0.00	34.09 1.71 0.00	36.91 2.02 0.00	40.47 2.44 0.00	43.85 2.71 0.00	47.50 3.35 0.00	62.93 4.98 0.00	80.41 6.56 -0.15	66.53 5.38 0.00	55.80 4.51 0.00	50.21 3.93 0.00	43.17 3.05 0.00	36.90 2.45 0.00	32.36 1.86 0.00
BLUE_CIRC_CHEM_DRP 24182	29.45 0.72 0.00	27.57 0.72 0.00	25.94 0.53 0.00	24.54 0.55 0.00	24.55 0.55 0.00	26.15 0.59 0.00	29.66 0.75 0.00	29.84 0.67 0.00	30.47 0.63 0.00	32.27 0.54 0.00	31.47 0.47 0.00	32.80 0.42 0.00	35.23 0.35 0.00	38.34 0.30 0.00	41.46 0.33 0.00	44.63 0.49 0.00	58.58 0.64 0.00	74.44 1.11 0.38	62.17 1.04 0.01	52.41 1.13 0.00	47.44 1.16 0.00	40.97 0.84 0.00	35.21 0.76 0.00	31.32 0.82 0.00
BOC_GAS_DRP 24189	29.28 0.55 0.00	27.38 0.54 0.00	25.73 0.33 0.00	24.35 0.36 0.00	24.36 0.36 0.00	25.95 0.38 0.00	29.45 0.55 0.00	29.75 0.58 0.00	30.44 0.60 0.00	32.27 0.54 0.00	31.56 0.56 0.00	32.93 0.55 0.00	35.37 0.49 0.00	38.49 0.46 0.00	41.59 0.45 0.00	44.76 0.62 0.00	58.58 0.64 0.00	74.24 0.88 0.35	61.80 0.67 0.01	52.00 0.72 0.00	47.07 0.79 0.00	40.69 0.56 0.00	35.00 0.55 0.00	31.14 0.64 0.00
BOONVILLE_115KV_TB1 79983	29.22 0.49 0.00	27.22 0.38 0.00	25.71 0.30 0.00	24.23 0.24 0.00	24.26 0.26 0.00	25.87 0.31 0.00	29.45 0.55 0.00	29.93 0.76 0.00	30.41 0.57 0.00	32.30 0.57 0.00	31.47 0.47 0.00	32.96 0.58 0.00	35.55 0.66 0.00	38.99 0.95 0.00	42.25 1.11 0.00	45.60 1.46 0.00	58.09 1.68 1.54	72.39 2.28 3.60	63.07 1.96 0.03	53.03 1.74 0.00	47.85 1.57 0.00	41.29 1.16 0.00	35.14 0.69 0.00	30.95 0.46 0.00
BORALEX_4TH_BRANCH 23824	30.23 1.49 0.00	28.32 1.48 0.00	26.60 1.19 0.00	25.05 1.06 0.00	25.08 1.08 0.00	26.82 1.25 0.00	30.49 1.59 0.00	30.75 1.58 0.00	31.36 1.52 0.00	33.19 1.46 0.00	32.37 1.36 0.00	33.84 1.46 0.00	36.21 1.33 0.00	39.33 1.29 0.00	42.41 1.28 0.00	45.65 1.50 0.00	59.74 1.80 0.00	74.23 2.06 1.54	62.74 1.65 0.05	53.23 1.95 0.00	48.32 2.04 0.00	41.73 1.60 0.00	36.04 1.58 0.00	32.30 1.80 0.00
BOWLINE___1 23526	30.11 1.38 0.00	28.11 1.26 0.00	26.22 0.81 0.00	24.69 0.70 0.00	24.74 0.74 0.00	26.46 0.89 0.00	30.21 1.30 0.00	30.63 1.46 0.00	31.48 1.64 0.00	33.35 1.62 0.00	32.71 1.70 0.00	34.06 1.68 0.00	36.49 1.61 0.00	39.63 1.60 0.00	42.74 1.60 0.00	46.04 1.90 0.00	60.32 2.38 0.00	77.47 3.10 -0.66	63.36 2.20 -0.02	53.08 1.79 0.00	47.81 1.53 0.00	41.41 1.28 0.00	35.83 1.38 0.00	32.02 1.52 0.00
BOWLINE___2 23595	30.11 1.38 0.00	28.11 1.26 0.00	26.22 0.81 0.00	24.69 0.70 0.00	24.74 0.74 0.00	26.46 0.89 0.00	30.21 1.30 0.00	30.63 1.46 0.00	31.51 1.67 0.00	33.38 1.65 0.00	32.71 1.70 0.00	34.09 1.71 0.00	36.52 1.64 0.00	39.63 1.60 0.00	42.74 1.60 0.00	46.04 1.90 0.00	60.32 2.38 0.00	77.47 3.10 -0.66	63.36 2.20 -0.02	53.08 1.79 0.00	47.81 1.53 0.00	41.45 1.32 0.00	35.86 1.41 0.00	32.02 1.52 0.00
BRADY___115KV_TB2 356060	28.36 -0.37 0.00	26.50 -0.35 0.00	25.40 0.00 0.00	23.99 0.00 0.00	23.95 -0.05 0.00	25.51 -0.05 0.00	28.70 -0.20 0.00	28.85 -0.32 0.00	29.39 -0.45 0.00	31.22 -0.51 0.00	30.45 -0.56 0.00	31.76 -0.62 0.00	34.19 -0.70 0.00	37.31 -0.72 0.00	40.23 -0.90 0.00	42.73 -1.41 0.00	44.62 -2.78 10.55	45.42 -3.54 24.76	58.06 -2.81 0.27	49.23 -2.05 0.00	44.29 -1.99 0.00	39.32 -0.80 0.00	33.83 -0.62 0.00	29.92 -0.58 0.00
BRANSCOMB___SOLAR 323811	30.66 1.93 0.00	28.72 1.88 0.00	26.93 1.52 0.00	25.41 1.42 0.00	25.34 1.34 0.00	27.07 1.51 0.00	30.76 1.85 0.00	30.83 1.66 0.00	31.57 1.73 0.00	33.48 1.74 0.00	32.68 1.67 0.00	34.16 1.78 0.00	36.73 1.85 0.00	39.98 1.94 0.00	43.27 2.14 0.00	46.57 2.43 0.00	61.30 3.36 0.00	77.29 4.42 0.85	65.03 3.92 0.03	54.77 3.49 0.00	49.47 3.19 0.00	42.61 2.49 0.00	36.79 2.34 0.00	32.66 2.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.15 2.41 0.00	29.60 2.28 -0.48	27.13 1.73 0.00	25.43 1.44 0.00	25.41 1.42 0.00	27.48 1.92 0.00	31.10 2.20 0.00	31.80 2.63 0.00	34.20 2.98 -1.37	34.36 2.63 0.00	33.98 2.98 0.00	35.42 3.04 0.00	37.81 2.93 0.00	41.04 3.00 0.00	44.73 3.54 -0.05	48.06 3.88 -0.03	62.06 4.11 0.00	79.51 5.09 -0.71	65.07 3.91 -0.02	54.72 3.44 0.00	49.75 3.47 0.00	42.77 2.65 0.00	36.66 2.20 0.00	33.55 2.74 -0.31

BRISTLHL_115KV_TB1 79998	28.45 -0.29 0.00	26.50 -0.35 0.00	25.00 -0.41 0.00	23.58 -0.41 0.00	23.56 -0.43 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	28.76 -0.41 0.00	29.36 -0.48 0.00	31.32 -0.41 0.00	30.54 -0.47 0.00	31.96 -0.42 0.00	34.54 -0.35 0.00	37.77 -0.27 0.00	40.97 -0.16 0.00	44.15 0.00 0.00	58.15 0.46 0.25	73.70 0.59 0.60	61.74 0.61 0.01	51.59 0.31 0.00	46.51 0.23 0.00	40.08 -0.04 0.00	34.24 -0.21 0.00	30.13 -0.37 0.00
BROOKHAVEN___DRP 24191	30.75 2.01 0.00	29.36 2.04 -0.48	26.93 1.52 0.00	25.19 1.20 0.00	25.15 1.15 0.00	27.28 1.71 0.00	30.78 1.88 0.00	31.45 2.28 0.00	33.96 2.75 -1.37	33.92 2.19 0.00	33.70 2.70 0.00	35.16 2.78 0.00	37.47 2.58 0.00	40.66 2.62 0.00	44.32 3.17 -0.02	47.59 3.44 0.00	62.29 4.35 0.00	79.88 5.45 -0.71	65.38 4.22 -0.02	54.46 3.18 0.00	49.24 2.96 0.00	42.41 2.29 0.00	36.28 1.83 0.00	33.27 2.47 -0.31
BROOKLYN_NAVY_YARD 23515	30.52 1.78 0.00	28.43 1.58 0.00	26.50 1.09 0.00	24.93 0.93 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.58 1.68 0.00	31.13 1.95 0.00	32.05 2.21 0.00	34.02 2.29 0.00	33.45 2.45 0.00	34.91 2.53 0.00	37.36 2.48 0.00	40.62 2.59 0.00	43.64 2.51 0.00	47.06 2.91 0.00	61.48 3.54 0.00	79.21 4.79 -0.71	64.52 3.36 -0.02	54.05 2.77 0.00	48.64 2.36 0.00	42.13 2.01 0.00	36.55 2.10 0.00	32.54 2.04 0.00
BROOKLYN___ARMY_DRP 323595	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
BROOKVLE_69_KV_TB1 55790	31.06 2.33 0.00	29.44 2.12 -0.48	26.98 1.58 0.00	25.36 1.37 0.00	25.34 1.34 0.00	27.30 1.74 0.00	31.04 2.14 0.00	31.62 2.45 0.00	33.99 2.77 -1.37	34.43 2.70 0.00	34.08 3.07 0.00	35.55 3.17 0.00	38.09 3.21 0.00	41.42 3.39 0.00	44.91 3.62 -0.16	48.21 4.06 0.00	62.98 5.04 0.00	80.61 6.19 -0.71	65.99 4.83 -0.02	55.03 3.74 0.00	49.71 3.42 0.00	42.89 2.77 0.00	37.00 2.55 0.00	33.52 2.71 -0.31
BROOME_2_LFGE 323671	29.11 0.37 0.00	27.11 0.27 0.00	25.51 0.10 0.00	24.01 0.02 0.00	24.02 0.02 0.00	25.61 0.05 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.63 0.62 0.00	33.06 0.68 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.61 1.48 0.00	46.04 1.90 0.00	61.01 3.07 0.00	77.54 3.83 0.00	64.13 3.00 0.00	53.75 2.46 0.00	48.32 2.03 0.00	41.65 1.52 0.00	35.52 1.07 0.00	31.07 0.58 0.00
BROOME___LFGE 323600	29.11 0.37 0.00	27.11 0.27 0.00	25.51 0.10 0.00	24.01 0.02 0.00	24.02 0.02 0.00	25.61 0.05 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.63 0.62 0.00	33.06 0.68 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.61 1.48 0.00	46.04 1.90 0.00	61.01 3.07 0.00	77.54 3.83 0.00	64.13 3.00 0.00	53.75 2.46 0.00	48.32 2.03 0.00	41.65 1.52 0.00	35.52 1.07 0.00	31.07 0.58 0.00
BROWNFLS_115KV_TB_3_5 80003	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.12 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.17 0.00	33.63 -1.26 0.00	36.78 -1.26 0.00	39.70 -1.44 0.00	42.47 -1.68 0.00	49.56 -2.78 5.61	57.16 -3.39 13.16	58.43 -2.57 0.14	49.39 -1.90 0.00	44.48 -1.80 0.00	38.96 -1.16 0.00	33.24 -1.21 0.00	29.31 -1.19 0.00
BROWNSV1_27_KV_LOAD 356125	30.78 2.04 0.00	28.62 1.77 0.00	26.70 1.30 0.00	25.12 1.13 0.00	25.17 1.18 0.00	26.97 1.41 0.00	30.84 1.94 0.00	31.36 2.19 0.00	32.29 2.45 0.00	34.30 2.57 0.00	33.73 2.73 0.00	35.23 2.85 0.00	37.74 2.86 0.00	41.04 3.00 0.00	44.22 3.09 0.00	47.77 3.62 0.00	62.35 4.40 0.00	80.47 6.04 -0.71	65.69 4.52 -0.02	54.87 3.59 0.00	49.57 3.29 0.00	42.65 2.53 0.00	36.93 2.48 0.00	32.81 2.32 0.00
BURROWS___LYONSDAL 23803	29.05 0.32 0.00	27.06 0.21 0.00	25.56 0.15 0.00	24.09 0.10 0.00	24.12 0.12 0.00	25.72 0.15 0.00	29.28 0.38 0.00	29.70 0.53 0.00	30.17 0.33 0.00	32.05 0.32 0.00	31.19 0.19 0.00	32.70 0.32 0.00	35.27 0.38 0.00	38.68 0.65 0.00	41.83 0.70 0.00	45.16 1.02 0.00	57.17 1.10 1.87	70.94 1.62 4.39	62.57 1.47 0.04	52.67 1.38 0.00	47.53 1.25 0.00	41.01 0.88 0.00	34.86 0.41 0.00	30.71 0.21 0.00
CAITHNESS_CC_1 323624	30.72 1.98 0.00	29.34 2.01 -0.48	26.98 1.58 0.00	25.17 1.18 0.00	25.12 1.13 0.00	27.00 1.43 -0.01	30.76 1.85 0.00	31.42 2.25 0.00	33.90 2.69 -1.37	33.92 2.19 0.00	33.67 2.67 0.00	35.00 2.62 0.00	37.12 2.23 0.00	40.32 2.28 0.00	43.79 2.63 -0.02	47.11 2.96 0.00	61.66 3.71 0.00	78.99 4.57 -0.71	64.65 3.48 -0.02	53.59 2.31 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.83 1.38 0.00	33.21 2.41 -0.31
CALPINE BETH_PAGE_GT4 24209	30.95 2.21 0.00	29.34 2.01 -0.48	26.90 1.50 0.00	25.26 1.27 0.00	25.24 1.25 0.00	27.23 1.66 0.00	30.93 2.02 0.00	31.50 2.33 0.00	33.87 2.66 -1.37	34.21 2.48 0.00	33.83 2.82 0.00	35.26 2.88 0.00	37.60 2.72 0.00	40.78 2.74 0.00	44.16 2.96 -0.06	47.41 3.27 0.00	61.88 3.94 0.00	79.29 4.86 -0.71	64.95 3.79 -0.02	54.16 2.87 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.52 2.07 0.00	33.21 2.41 -0.31
CALPINE_BETH_PAGE_GT_4 323586	30.95 2.21 0.00	29.36 2.04 -0.48	26.95 1.55 0.00	25.26 1.27 0.00	25.24 1.25 0.00	27.13 1.56 -0.01	30.93 2.02 0.00	31.51 2.33 0.00	33.87 2.65 -1.37	34.24 2.51 0.00	33.83 2.82 0.00	35.19 2.82 0.00	37.40 2.51 0.00	40.62 2.59 0.00	43.75 2.55 -0.06	47.11 2.96 0.00	61.54 3.59 0.00	78.77 4.35 -0.71	64.46 3.30 -0.02	53.64 2.36 0.00	48.18 1.90 0.00	41.97 1.85 0.00	36.24 1.79 0.00	33.18 2.38 -0.31
CALPINE_BP_GT1 23823	30.95 2.21 0.00	29.36 2.04 -0.48	26.95 1.55 0.00	25.26 1.27 0.00	25.24 1.25 0.00	27.13 1.56 -0.01	30.93 2.02 0.00	31.51 2.33 0.00	33.87 2.65 -1.37	34.24 2.51 0.00	33.83 2.82 0.00	35.19 2.82 0.00	37.40 2.51 0.00	40.62 2.59 0.00	43.75 2.55 -0.06	47.11 2.96 0.00	61.54 3.59 0.00	78.77 4.35 -0.71	64.46 3.30 -0.02	53.64 2.36 0.00	48.18 1.90 0.00	41.97 1.85 0.00	36.24 1.79 0.00	33.18 2.38 -0.31
CALSPAN___DRP 24200	28.65 -0.09 0.00	26.58 -0.27 0.00	25.12 -0.28 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	24.98 -0.59 0.00	28.27 -0.64 0.00	29.14 -0.03 0.00	30.02 0.18 0.00	32.52 0.79 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.77 1.88 0.00	40.59 2.55 0.00	44.06 2.92 0.00	48.13 3.97 -0.01	64.97 7.01 -0.02	81.61 7.89 -0.02	67.58 6.42 -0.02	56.12 4.82 -0.02	50.26 3.98 0.00	42.97 2.85 0.00	36.10 1.65 0.00	30.89 0.40 0.00

CALVERTON___SOLAR 323806	30.78 2.04 0.00	29.47 2.15 -0.48	27.11 1.70 0.00	25.24 1.25 0.00	25.19 1.20 0.00	27.08 1.51 -0.01	30.84 1.94 0.00	31.53 2.36 0.00	34.08 2.86 -1.37	34.02 2.29 0.00	33.83 2.82 0.00	35.19 2.82 0.00	37.33 2.44 0.00	40.62 2.59 0.00	44.12 2.96 -0.02	47.46 3.31 0.00	62.23 4.29 0.00	79.73 5.31 -0.71	65.26 4.10 -0.02	54.10 2.82 0.00	48.37 2.08 0.00	42.17 2.05 0.00	36.00 1.55 0.00	33.33 2.53 -0.31
CANDIGU_WT_PWR 323617	28.96 0.23 0.00	26.90 0.05 0.00	25.28 -0.13 0.00	23.70 -0.29 0.00	23.68 -0.31 0.00	25.31 -0.26 0.00	28.85 -0.06 0.00	29.55 0.38 0.00	30.26 0.42 0.00	32.59 0.86 0.00	31.66 0.65 0.00	33.15 0.78 0.00	36.46 1.57 0.00	40.01 1.98 0.00	43.35 2.22 0.00	47.15 3.00 0.00	62.87 4.92 -0.01	79.68 5.97 -0.01	65.98 4.83 -0.01	55.14 3.85 -0.01	49.43 3.15 0.00	42.37 2.25 0.00	35.86 1.41 0.00	30.98 0.49 0.00
CARR STREET_E_SYR 24060	28.71 -0.03 0.00	26.77 -0.08 0.00	25.20 -0.20 0.00	23.77 -0.22 0.00	23.78 -0.22 0.00	25.33 -0.23 0.00	28.85 -0.06 0.00	29.11 -0.06 0.00	29.75 -0.09 0.00	31.73 0.00 0.00	30.97 -0.03 0.00	32.38 0.00 0.00	35.06 0.18 0.00	38.27 0.23 0.00	41.46 0.33 0.00	44.68 0.53 0.00	58.94 1.22 0.22	74.75 1.55 0.51	62.42 1.29 0.01	52.26 0.97 0.00	47.02 0.74 0.00	40.53 0.40 0.00	34.72 0.27 0.00	30.50 0.00 0.00
CARTHAGE___PAPER 23857	28.36 -0.37 0.00	26.39 -0.46 0.00	25.00 -0.41 0.00	23.56 -0.43 0.00	23.59 -0.41 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	28.85 -0.32 0.00	29.21 -0.63 0.00	31.03 -0.70 0.00	30.23 -0.77 0.00	31.64 -0.74 0.00	34.08 -0.80 0.00	37.35 -0.68 0.00	40.31 -0.82 0.00	43.44 -0.71 0.00	54.42 -1.04 2.48	66.93 -0.96 5.82	60.71 -0.36 0.06	51.34 0.05 0.00	46.51 0.23 0.00	40.12 0.00 0.00	34.07 -0.38 0.00	29.89 -0.61 0.00
CASSADAGA_WT_PWR 323784	29.48 0.75 0.00	27.30 0.46 0.00	25.63 0.23 0.00	23.94 -0.05 0.00	23.88 -0.12 0.00	25.61 0.05 0.00	29.11 0.20 0.00	30.19 1.02 0.00	30.88 1.04 0.00	33.60 1.87 0.00	32.74 1.74 0.00	34.42 2.04 0.00	38.37 3.49 0.00	42.30 4.26 0.00	45.70 4.57 0.00	49.80 5.65 -0.01	66.76 8.80 -0.01	84.19 10.46 -0.01	69.35 8.20 -0.02	57.65 6.36 -0.01	51.37 5.09 0.00	43.94 3.81 0.00	36.83 2.38 0.00	31.26 0.76 0.00
CE_DUNWOOD___DRP 24194	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.85 0.86 0.00	24.91 0.91 0.00	26.66 1.10 0.00	30.44 1.53 0.00	30.89 1.72 0.00	31.78 1.94 0.00	33.70 1.97 0.00	33.11 2.11 0.00	34.52 2.14 0.00	37.01 2.13 0.00	40.20 2.17 0.00	43.40 2.26 0.00	46.84 2.69 0.00	61.19 3.24 0.00	78.84 4.42 -0.71	64.40 3.24 -0.02	53.90 2.62 0.00	48.73 2.45 0.00	41.97 1.85 0.00	36.24 1.79 0.00	32.33 1.83 0.00
CE_MILLWOOD___DRP 24193	30.29 1.55 0.00	28.21 1.37 0.00	26.34 0.94 0.00	24.83 0.84 0.00	24.86 0.86 0.00	26.61 1.05 0.00	30.38 1.47 0.00	30.83 1.66 0.00	31.69 1.85 0.00	33.63 1.90 0.00	32.99 1.98 0.00	34.42 2.04 0.00	36.91 2.02 0.00	40.05 2.02 0.00	43.27 2.14 0.00	46.66 2.52 0.00	61.01 3.07 0.00	78.62 4.20 -0.71	64.28 3.12 -0.02	53.75 2.46 0.00	48.64 2.36 0.00	41.89 1.77 0.00	36.17 1.72 0.00	32.23 1.74 0.00
CE_NYC2_DRP 24202	30.64 1.90 -0.01	28.54 1.69 0.00	26.61 1.19 -0.01	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.73 1.82 -0.01	31.25 2.07 -0.01	32.14 2.30 -0.01	35.81 2.38 -1.70	35.48 2.54 -1.93	40.63 2.62 -5.63	40.99 2.65 -3.46	41.29 2.70 -0.55	43.94 2.80 -0.01	47.46 3.31 -0.01	61.71 3.77 0.00	79.73 5.31 -0.71	64.95 3.79 -0.02	54.46 3.18 0.00	49.15 2.87 0.00	42.42 2.29 -0.01	36.70 2.24 -0.01	32.67 2.17 -0.01
CE_NYC_DRP 24195	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	34.02 2.28 0.00	33.46 2.45 0.00	34.90 2.53 0.00	37.40 2.51 0.00	40.62 2.59 0.00	43.81 2.67 0.00	47.28 3.13 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	64.95 3.79 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
CHAFFEE___LFGE 323603	28.79 0.06 0.00	26.69 -0.16 0.00	25.12 -0.28 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.08 -0.49 0.00	28.39 -0.52 0.00	29.32 0.15 0.00	30.17 0.33 0.00	32.68 0.95 0.00	31.72 0.71 0.00	33.35 0.97 0.00	37.12 2.23 0.00	41.01 2.97 0.00	44.35 3.21 0.00	48.43 4.28 -0.01	64.97 7.01 -0.01	81.98 8.25 -0.01	67.64 6.48 -0.02	56.38 5.08 -0.01	50.35 4.07 0.00	43.21 3.09 0.00	36.38 1.93 0.00	31.05 0.55 0.00
CHATEAUG_35_KV_LOAD 355732	28.71 -0.03 0.00	26.82 -0.03 0.00	25.68 0.28 0.00	24.23 0.24 0.00	24.16 0.17 0.00	25.74 0.18 0.00	28.93 0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.92 -0.11 0.00	40.07 -1.07 0.00	41.85 -2.30 0.00	53.22 -3.48 1.25	66.43 -4.35 2.93	57.50 -3.61 0.03	48.31 -2.97 0.00	43.32 -2.96 0.00	38.48 -1.65 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
CHATEAUG_WT_PWR 323614	28.71 -0.03 0.00	26.77 -0.08 0.00	25.66 0.25 0.00	24.21 0.22 0.00	24.14 0.14 0.00	25.72 0.15 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.96 -0.08 0.00	41.09 -0.04 0.00	43.75 -0.40 0.00	56.55 -0.93 0.47	71.58 -1.03 1.10	60.64 -0.49 0.01	50.46 -0.82 0.00	45.59 -0.69 0.00	39.44 -0.68 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
CHAT_HIGH_FALL_HYD 323578	28.71 -0.03 0.00	26.82 -0.03 0.00	25.68 0.28 0.00	24.23 0.24 0.00	24.16 0.17 0.00	25.74 0.18 0.00	28.93 0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.92 -0.11 0.00	40.07 -1.07 0.00	41.85 -2.30 0.00	53.22 -3.48 1.25	66.43 -4.35 2.93	57.50 -3.61 0.03	48.31 -2.97 0.00	43.32 -2.96 0.00	38.48 -1.65 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
CHAUTAUQUA___LFGE 323629	29.14 0.40 0.00	27.01 0.16 0.00	25.38 -0.03 0.00	23.70 -0.29 0.00	23.64 -0.36 0.00	25.33 -0.23 0.00	28.76 -0.14 0.00	29.72 0.55 0.00	30.55 0.71 0.00	33.16 1.43 0.00	32.25 1.24 0.00	33.87 1.49 0.00	37.68 2.79 0.00	41.57 3.54 0.00	44.96 3.83 0.00	49.01 4.86 -0.01	65.84 7.88 -0.01	83.01 9.29 -0.01	68.55 7.39 -0.02	57.04 5.74 -0.01	50.86 4.58 0.00	43.61 3.49 0.00	36.59 2.14 0.00	31.20 0.70 0.00
CHERRYST_13_KV_LD 356241	30.63 1.90 0.00	28.48 1.64 0.00	26.57 1.17 0.00	25.02 1.03 0.00	25.08 1.08 0.00	26.87 1.30 0.00	30.70 1.79 0.00	31.24 2.07 0.00	32.17 2.33 0.00	34.17 2.44 0.00	33.61 2.60 0.00	35.10 2.72 0.00	37.60 2.72 0.00	40.85 2.81 0.00	44.01 2.88 0.00	47.55 3.40 0.00	62.00 4.06 0.00	80.03 5.60 -0.71	65.26 4.10 -0.02	54.46 3.18 0.00	49.20 2.92 0.00	42.37 2.25 0.00	36.69 2.24 0.00	32.63 2.13 0.00

CHESTROR_138KV_BK263 355645	29.94 1.21 0.00	27.92 1.07 0.00	26.09 0.69 0.00	24.61 0.62 0.00	24.67 0.67 0.00	26.36 0.79 0.00	30.06 1.16 0.00	30.45 1.28 0.00	31.27 1.43 0.00	33.16 1.43 0.00	32.49 1.49 0.00	33.87 1.49 0.00	36.38 1.50 0.00	39.52 1.48 0.00	42.74 1.60 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.69 3.39 -0.59	63.73 2.57 -0.02	53.39 2.10 0.00	48.22 1.94 0.00	41.53 1.40 0.00	35.79 1.34 0.00	31.90 1.40 0.00
CH_MIDHUDSON___DRP 24192	30.20 1.47 0.00	28.16 1.32 0.00	26.32 0.91 0.00	24.83 0.84 0.00	24.88 0.89 0.00	26.61 1.05 0.00	30.35 1.45 0.00	30.72 1.55 0.00	31.54 1.70 0.00	33.44 1.71 0.00	32.74 1.74 0.00	34.09 1.72 0.00	36.59 1.71 0.00	39.75 1.71 0.00	42.99 1.85 0.00	46.40 2.25 0.00	60.61 2.67 0.00	77.89 3.69 -0.50	64.09 2.93 -0.02	53.75 2.46 0.00	48.64 2.36 0.00	41.85 1.73 0.00	36.10 1.65 0.00	32.17 1.68 0.00
CH_MISC_IPPS 23765	30.31 1.58 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.46 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.03 1.65 0.00	36.46 1.57 0.00	39.60 1.56 0.00	42.82 1.69 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.58 3.32 -0.55	64.15 3.00 -0.02	53.85 2.56 0.00	48.73 2.45 0.00	42.05 1.93 0.00	36.31 1.86 0.00	32.36 1.86 0.00
CH_RES_BVR_FALLS 23983	28.39 -0.34 0.00	26.52 -0.32 0.00	25.28 -0.13 0.00	23.87 -0.12 0.00	23.85 -0.14 0.00	25.39 -0.18 0.00	28.59 -0.32 0.00	28.82 -0.35 0.00	29.48 -0.36 0.00	31.38 -0.35 0.00	30.67 -0.34 0.00	32.02 -0.36 0.00	34.47 -0.42 0.00	37.58 -0.45 0.00	40.64 -0.49 0.00	43.44 -0.71 0.00	57.12 -1.22 -0.39	73.16 -1.47 -0.93	59.99 -1.16 -0.01	50.16 -1.13 0.00	45.31 -0.97 0.00	39.24 -0.88 0.00	33.59 -0.86 0.00	29.70 -0.79 0.00
CH_RES_NIAGARA 23895	27.59 -1.15 0.00	25.61 -1.23 0.00	24.29 -1.12 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.76 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.78 0.00	31.70 -0.68 0.00	35.16 0.28 0.00	38.76 0.72 0.00	42.00 0.86 0.00	45.92 1.77 0.00	62.31 4.35 -0.02	78.07 4.35 -0.02	65.19 4.04 -0.02	53.97 2.67 -0.02	48.13 1.85 0.00	41.25 1.12 0.00	34.69 0.24 0.00	29.70 -0.79 0.00
CH_RES_SYRACUSE 23985	28.88 0.14 0.00	26.93 0.08 0.00	25.35 -0.05 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.09 0.21 0.00	38.38 0.34 0.00	41.67 0.53 0.00	44.90 0.75 0.00	59.25 1.50 0.20	75.16 1.91 0.46	62.79 1.65 0.00	52.51 1.23 0.00	47.30 1.02 0.00	40.73 0.60 0.00	34.79 0.34 0.00	30.59 0.09 0.00
CLINTON_WT_PWR 323605	28.71 -0.03 0.00	26.77 -0.08 0.00	25.66 0.25 0.00	24.21 0.22 0.00	24.14 0.14 0.00	25.72 0.15 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.96 -0.08 0.00	41.09 -0.04 0.00	43.75 -0.40 0.00	56.55 -0.93 0.47	71.58 -1.03 1.10	60.64 -0.49 0.01	50.46 -0.82 0.00	45.59 -0.69 0.00	39.44 -0.68 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
CLINTON___LFGE 323618	29.34 0.60 0.00	27.33 0.48 0.00	26.22 0.81 0.00	24.76 0.77 0.00	24.64 0.65 0.00	26.31 0.74 0.00	29.63 0.72 0.00	29.87 0.70 0.00	30.53 0.69 0.00	32.55 0.82 0.00	31.84 0.84 0.00	33.15 0.78 0.00	35.69 0.80 0.00	38.87 0.84 0.00	42.20 1.07 0.00	44.98 0.84 0.00	57.90 0.70 0.75	73.06 1.11 1.75	62.58 1.46 0.02	51.90 0.62 0.00	46.79 0.51 0.00	40.37 0.24 0.00	34.45 0.00 0.00	30.40 -0.09 0.00
COBBLENY_34_KV_TB1 80064	28.76 0.03 0.00	26.66 -0.19 0.00	25.20 -0.20 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.08 -0.49 0.00	28.38 -0.52 0.00	29.32 0.15 0.00	30.17 0.33 0.00	32.68 0.95 0.00	31.72 0.71 0.00	33.35 0.97 0.00	37.01 2.13 0.00	40.89 2.85 0.00	44.38 3.25 0.00	48.52 4.37 -0.01	65.49 7.53 -0.01	82.27 8.55 -0.01	68.01 6.85 -0.02	56.48 5.18 -0.01	50.63 4.35 0.00	43.25 3.13 0.00	36.31 1.86 0.00	31.04 0.55 0.00
COFFEEN___115KV_TB3 355620	28.71 -0.03 0.00	26.68 -0.16 0.00	25.23 -0.18 0.00	23.75 -0.24 0.00	23.80 -0.19 0.00	25.38 -0.18 0.00	28.96 0.06 0.00	29.11 -0.06 0.00	29.45 -0.39 0.00	31.32 -0.41 0.00	30.48 -0.53 0.00	31.93 -0.45 0.00	34.43 -0.45 0.00	37.81 -0.23 0.00	40.76 -0.37 0.00	44.06 -0.09 0.00	55.82 0.06 2.19	69.09 0.52 5.13	62.06 0.98 0.05	52.57 1.28 0.00	47.48 1.20 0.00	40.97 0.84 0.00	34.73 0.28 0.00	30.43 -0.06 0.00
COLDSPRG_115KV_BK1 355956	29.63 0.89 0.00	27.38 0.54 0.00	25.78 0.38 0.00	24.04 0.05 0.00	24.02 0.02 0.00	25.77 0.20 0.00	29.34 0.43 0.00	30.43 1.25 0.00	31.21 1.37 0.00	33.86 2.13 0.00	32.96 1.95 0.00	34.64 2.27 0.00	38.48 3.59 0.00	42.30 4.26 0.00	45.91 4.77 0.00	50.07 5.92 -0.01	67.23 9.27 -0.01	84.56 10.84 -0.01	69.47 8.31 -0.02	57.86 6.56 -0.01	52.02 5.74 0.00	44.30 4.17 0.00	37.21 2.76 0.00	31.69 1.19 0.00
COLONIE_LFGE___ 323577	29.94 1.21 0.00	28.08 1.24 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.56 1.00 0.00	30.15 1.24 0.00	30.37 1.20 0.00	31.03 1.19 0.00	32.91 1.17 0.00	32.12 1.11 0.00	33.58 1.20 0.00	36.03 1.15 0.00	39.18 1.14 0.00	42.29 1.15 0.00	45.47 1.32 0.00	59.68 1.74 0.00	74.90 2.14 0.95	62.88 1.77 0.03	53.08 1.79 0.00	47.99 1.71 0.00	41.53 1.40 0.00	35.83 1.38 0.00	31.93 1.43 0.00
COOPERNY_115KV_TB1 80082	29.68 0.95 0.00	27.68 0.83 0.00	25.94 0.53 0.00	24.49 0.50 0.00	24.52 0.53 0.00	26.18 0.61 0.00	29.80 0.90 0.00	30.19 1.02 0.00	30.97 1.13 0.00	32.84 1.11 0.00	32.18 1.18 0.00	33.58 1.20 0.00	36.07 1.19 0.00	39.25 1.22 0.00	42.45 1.32 0.00	45.74 1.59 0.00	59.91 1.97 0.00	76.78 2.73 -0.34	63.23 2.08 -0.01	52.98 1.69 0.00	47.85 1.57 0.00	41.29 1.16 0.00	35.55 1.10 0.00	31.62 1.13 0.00
COPENHAGEN_WT_PWR 323753	28.48 -0.26 0.00	26.50 -0.35 0.00	25.05 -0.36 0.00	23.61 -0.38 0.00	23.64 -0.36 0.00	25.21 -0.36 0.00	28.73 -0.17 0.00	28.91 -0.26 0.00	29.30 -0.54 0.00	31.16 -0.57 0.00	30.35 -0.65 0.00	31.76 -0.62 0.00	34.29 -0.59 0.00	37.58 -0.45 0.00	40.60 -0.54 0.00	43.79 -0.35 0.00	55.59 -0.40 1.95	68.98 -0.15 4.58	61.40 0.31 0.05	51.90 0.62 0.00	46.93 0.65 0.00	40.48 0.36 0.00	34.42 -0.03 0.00	30.16 -0.33 0.00
CORNELL_____ 23752	29.54 0.80 0.00	27.49 0.64 0.00	25.89 0.48 0.00	24.37 0.38 0.00	24.38 0.38 0.00	26.00 0.43 0.00	29.69 0.78 0.00	30.10 0.93 0.00	30.67 0.84 0.00	32.68 0.95 0.00	31.84 0.84 0.00	33.29 0.91 0.00	36.04 1.15 0.00	39.52 1.48 0.00	42.90 1.77 0.00	46.49 2.34 0.00	61.77 3.82 0.00	78.80 5.09 0.00	65.36 4.22 0.00	54.67 3.38 0.00	49.24 2.96 0.00	42.17 2.05 0.00	35.86 1.41 0.00	31.41 0.91 0.00

CORONA_69_KV_TB1 355595	30.98 2.24 0.00	29.34 2.01 -0.48	26.90 1.50 0.00	25.29 1.30 0.00	25.29 1.30 0.00	27.20 1.64 0.00	30.93 2.02 0.00	31.45 2.28 0.00	33.78 2.57 -1.37	34.21 2.48 0.00	33.73 2.73 0.00	35.23 2.85 0.00	37.74 2.86 0.00	41.00 2.97 0.00	44.50 3.29 -0.08	47.90 3.75 0.00	62.64 4.69 0.00	80.17 5.75 -0.71	65.75 4.59 -0.02	54.87 3.59 0.00	49.61 3.33 0.00	42.69 2.57 0.00	36.90 2.45 0.00	33.40 2.59 -0.31
CORTLAND_115KV_TB3 80093	29.25 0.52 0.00	27.25 0.40 0.00	25.66 0.25 0.00	24.16 0.17 0.00	24.19 0.19 0.00	25.77 0.20 0.00	29.40 0.49 0.00	29.87 0.70 0.00	30.47 0.63 0.00	32.49 0.76 0.00	31.63 0.62 0.00	33.09 0.71 0.00	35.83 0.94 0.00	39.22 1.18 0.00	42.57 1.44 0.00	46.04 1.90 0.00	61.19 3.24 0.00	77.84 4.13 0.00	64.31 3.18 0.00	53.80 2.51 0.00	48.55 2.27 0.00	41.65 1.52 0.00	35.48 1.03 0.00	31.14 0.64 0.00
COXSACKIE___GT 23611	30.14 1.41 0.00	28.27 1.42 0.00	26.52 1.12 0.00	25.09 1.10 0.00	25.15 1.15 0.00	26.79 1.23 0.00	30.49 1.59 0.00	30.34 1.17 0.00	30.94 1.10 0.00	32.59 0.86 0.00	31.78 0.78 0.00	33.09 0.71 0.00	35.65 0.77 0.00	38.80 0.76 0.00	42.20 1.07 0.00	45.52 1.37 0.00	60.15 2.20 0.00	77.65 4.20 0.26	64.74 3.61 0.01	54.62 3.33 0.00	49.52 3.24 0.00	42.37 2.25 0.00	36.34 1.89 0.00	32.14 1.65 0.00
CPV_VALLEY___CC1 323721	29.74 1.01 0.00	27.76 0.91 0.00	25.96 0.56 0.00	24.47 0.48 0.00	24.52 0.53 0.00	26.20 0.64 0.00	29.86 0.95 0.00	30.25 1.08 0.00	31.06 1.22 0.00	32.94 1.21 0.00	32.31 1.30 0.00	33.64 1.26 0.00	36.10 1.22 0.00	39.22 1.18 0.00	42.33 1.19 0.00	45.56 1.41 0.00	59.74 1.80 0.00	76.57 2.36 -0.51	62.86 1.71 -0.02	52.67 1.39 0.00	47.48 1.20 0.00	41.13 1.00 0.00	35.52 1.07 0.00	31.68 1.19 0.00
CPV_VALLEY___CC2 323722	29.74 1.01 0.00	27.76 0.91 0.00	25.96 0.56 0.00	24.47 0.48 0.00	24.52 0.53 0.00	26.20 0.64 0.00	29.86 0.95 0.00	30.25 1.08 0.00	31.06 1.22 0.00	32.94 1.21 0.00	32.31 1.30 0.00	33.64 1.26 0.00	36.10 1.22 0.00	39.22 1.18 0.00	42.33 1.19 0.00	45.56 1.41 0.00	59.74 1.80 0.00	76.57 2.36 -0.51	62.86 1.71 -0.02	52.67 1.39 0.00	47.48 1.20 0.00	41.13 1.00 0.00	35.52 1.07 0.00	31.68 1.19 0.00
CRESCENT___HYD 24018	29.94 1.21 0.00	28.08 1.24 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.56 1.00 0.00	30.15 1.24 0.00	30.37 1.20 0.00	31.03 1.19 0.00	32.91 1.17 0.00	32.12 1.11 0.00	33.58 1.20 0.00	36.03 1.15 0.00	39.18 1.14 0.00	42.29 1.15 0.00	45.47 1.32 0.00	59.68 1.74 0.00	74.90 2.14 0.95	62.88 1.77 0.03	53.08 1.79 0.00	47.99 1.71 0.00	41.53 1.40 0.00	35.83 1.38 0.00	31.93 1.43 0.00
CRICKET___VALLEY_CC1 323756	30.00 1.26 0.00	28.05 1.21 0.00	26.24 0.84 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.18 1.27 0.00	30.54 1.37 0.00	31.30 1.46 0.00	33.13 1.39 0.00	32.40 1.40 0.00	33.77 1.39 0.00	36.14 1.25 0.00	39.25 1.22 0.00	42.25 1.11 0.00	45.47 1.32 0.00	59.51 1.57 0.00	65.83 1.91 9.79	62.05 1.22 0.31	52.57 1.28 0.00	47.48 1.20 0.00	41.17 1.04 0.00	35.66 1.21 0.00	31.90 1.40 0.00
CRICKET___VALLEY_CC2 323757	30.00 1.26 0.00	28.05 1.21 0.00	26.24 0.84 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.18 1.27 0.00	30.54 1.37 0.00	31.30 1.46 0.00	33.13 1.39 0.00	32.40 1.40 0.00	33.77 1.39 0.00	36.14 1.25 0.00	39.25 1.22 0.00	42.25 1.11 0.00	45.47 1.32 0.00	59.51 1.57 0.00	65.83 1.91 9.79	62.05 1.22 0.31	52.57 1.28 0.00	47.48 1.20 0.00	41.17 1.04 0.00	35.66 1.21 0.00	31.90 1.40 0.00
CRICKET___VALLEY_CC3 323758	30.00 1.26 0.00	28.05 1.21 0.00	26.24 0.84 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.18 1.27 0.00	30.54 1.37 0.00	31.30 1.46 0.00	33.13 1.39 0.00	32.40 1.40 0.00	33.77 1.39 0.00	36.14 1.25 0.00	39.25 1.22 0.00	42.25 1.11 0.00	45.47 1.32 0.00	59.51 1.57 0.00	65.83 1.91 9.79	62.05 1.22 0.31	52.57 1.28 0.00	47.48 1.20 0.00	41.17 1.04 0.00	35.66 1.21 0.00	31.90 1.40 0.00
CRUCIBLE_METL_DRP 24180	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00
DAHOWA___HYDRO 323763	30.86 2.13 0.00	28.88 2.04 0.00	27.11 1.70 0.00	25.57 1.58 0.00	25.46 1.46 0.00	27.22 1.66 0.00	30.93 2.02 0.00	30.95 1.78 0.00	31.69 1.85 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.29 1.91 0.00	36.91 2.02 0.00	40.17 2.13 0.00	43.48 2.34 0.00	46.84 2.69 0.00	61.71 3.76 0.00	77.83 4.94 0.82	65.52 4.40 0.03	55.18 3.90 0.00	49.84 3.56 0.00	42.89 2.77 0.00	37.00 2.55 0.00	32.84 2.35 0.00
DANC___LFGE 323619	28.45 -0.29 0.00	26.50 -0.35 0.00	25.02 -0.38 0.00	23.58 -0.41 0.00	23.61 -0.38 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	28.79 -0.38 0.00	29.27 -0.57 0.00	31.19 -0.54 0.00	30.42 -0.59 0.00	31.83 -0.55 0.00	34.36 -0.52 0.00	37.66 -0.38 0.00	40.68 -0.45 0.00	43.84 -0.31 0.00	56.37 -0.23 1.34	70.49 -0.07 3.14	61.35 0.25 0.03	51.69 0.41 0.00	46.65 0.37 0.00	40.29 0.16 0.00	34.35 -0.10 0.00	30.16 -0.33 0.00
DANSKAMMER___1 23586	30.31 1.58 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.46 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.03 1.65 0.00	36.46 1.57 0.00	39.60 1.56 0.00	42.82 1.69 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.58 3.32 -0.55	64.15 3.00 -0.02	53.85 2.56 0.00	48.73 2.45 0.00	42.05 1.93 0.00	36.31 1.86 0.00	32.36 1.86 0.00
DANSKAMMER___2 23589	30.31 1.58 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.46 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.03 1.65 0.00	36.46 1.57 0.00	39.60 1.56 0.00	42.82 1.69 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.58 3.32 -0.55	64.15 3.00 -0.02	53.85 2.56 0.00	48.73 2.45 0.00	42.05 1.93 0.00	36.31 1.86 0.00	32.36 1.86 0.00
DANSKAMMER___3 23590	30.31 1.58 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.46 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.03 1.65 0.00	36.46 1.57 0.00	39.60 1.56 0.00	42.82 1.69 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.58 3.32 -0.55	64.15 3.00 -0.02	53.85 2.56 0.00	48.73 2.45 0.00	42.05 1.93 0.00	36.31 1.86 0.00	32.36 1.86 0.00

DANSKAMMER___4 23591	30.31 1.58 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.46 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.03 1.65 0.00	36.46 1.57 0.00	39.60 1.56 0.00	42.82 1.69 0.00	46.13 1.99 0.00	60.38 2.43 0.00	77.58 3.32 -0.55	64.15 3.00 -0.02	53.85 2.56 0.00	48.73 2.45 0.00	42.05 1.93 0.00	36.31 1.86 0.00	32.36 1.86 0.00
DANSKAMMER___DIESEL 23592	30.32 1.58 0.00	28.30 1.45 0.00	26.42 1.02 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.71 1.15 0.00	30.47 1.56 0.00	30.80 1.63 0.00	31.72 1.88 0.00	33.60 1.87 0.00	32.84 1.83 0.00	34.03 1.65 0.00	36.49 1.60 0.00	39.63 1.60 0.00	42.95 1.81 0.00	46.35 2.21 0.00	60.55 2.61 0.00	77.94 3.69 -0.55	64.58 3.42 -0.02	54.10 2.82 0.00	49.10 2.82 0.00	42.17 2.05 0.00	36.35 1.89 0.00	32.36 1.86 0.00
DARBY___SOLAR 323810	30.69 1.95 0.00	28.75 1.91 0.00	26.95 1.55 0.00	25.43 1.44 0.00	25.36 1.37 0.00	27.10 1.53 0.00	30.78 1.88 0.00	30.83 1.66 0.00	31.57 1.73 0.00	33.48 1.74 0.00	32.71 1.70 0.00	34.19 1.81 0.00	36.77 1.88 0.00	40.01 1.98 0.00	43.31 2.18 0.00	46.62 2.47 0.00	61.36 3.42 0.00	77.36 4.50 0.84	65.08 3.97 0.03	54.82 3.54 0.00	49.57 3.29 0.00	42.65 2.53 0.00	36.83 2.38 0.00	32.66 2.17 0.00
DASHVILLE___HYD 23610	29.88 1.15 0.00	27.87 1.02 0.00	26.04 0.64 0.00	24.59 0.60 0.00	24.64 0.65 0.00	26.28 0.72 0.00	29.97 1.07 0.00	30.31 1.14 0.00	31.15 1.31 0.00	33.00 1.27 0.00	32.37 1.36 0.00	33.71 1.33 0.00	36.21 1.33 0.00	39.29 1.26 0.00	42.53 1.40 0.00	45.91 1.77 0.00	59.97 2.03 0.00	77.98 3.98 -0.29	63.78 2.63 -0.01	53.08 1.79 0.00	48.04 1.76 0.00	41.37 1.24 0.00	35.73 1.27 0.00	31.84 1.34 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.38 2.64 0.00	30.01 2.68 -0.48	27.54 2.13 0.00	25.77 1.78 0.00	25.70 1.70 0.00	27.97 2.40 0.00	31.48 2.57 0.00	32.23 3.06 0.00	34.88 3.67 -1.37	34.84 3.11 0.00	34.88 3.88 0.00	36.43 4.05 0.00	38.93 4.05 0.00	42.37 4.34 0.00	46.30 5.14 -0.02	49.80 5.65 0.00	65.42 7.47 0.00	83.64 9.21 -0.71	68.44 7.28 -0.02	56.87 5.59 0.00	51.19 4.91 0.00	43.98 3.85 0.00	37.38 2.93 0.00	34.16 3.35 -0.31
DELAWARE___LFGE 323621	29.63 0.89 0.00	27.62 0.78 0.00	25.96 0.56 0.00	24.54 0.55 0.00	24.60 0.60 0.00	26.18 0.61 0.00	29.80 0.90 0.00	30.13 0.96 0.00	30.79 0.95 0.00	32.75 1.02 0.00	32.00 0.99 0.00	33.41 1.04 0.00	36.04 1.15 0.00	39.33 1.29 0.00	42.62 1.48 0.00	45.96 1.81 0.00	60.38 2.43 0.00	76.95 3.24 0.00	63.83 2.69 0.00	53.49 2.21 0.00	48.36 2.08 0.00	41.69 1.56 0.00	35.73 1.27 0.00	31.56 1.07 0.00
DERFIELD_115KV_TB7 355931	28.91 0.17 0.00	27.01 0.16 0.00	25.48 0.08 0.00	24.06 0.07 0.00	24.09 0.10 0.00	25.67 0.10 0.00	29.08 0.17 0.00	29.35 0.18 0.00	30.02 0.18 0.00	31.92 0.19 0.00	31.16 0.16 0.00	32.57 0.19 0.00	35.09 0.21 0.00	38.27 0.23 0.00	41.38 0.25 0.00	44.54 0.40 0.00	58.20 0.46 0.20	73.82 0.59 0.48	61.62 0.49 0.00	51.75 0.46 0.00	46.70 0.42 0.00	40.36 0.24 0.00	34.66 0.21 0.00	30.71 0.21 0.00
DOGLEVILLE___HYD 23807	28.82 0.09 0.00	26.90 0.05 0.00	25.38 -0.03 0.00	23.94 -0.05 0.00	23.97 -0.02 0.00	25.54 -0.03 0.00	28.99 0.09 0.00	29.23 0.06 0.00	29.87 0.03 0.00	31.73 0.00 0.00	31.01 0.00 0.00	32.38 0.00 0.00	34.92 0.03 0.00	38.11 0.08 0.00	41.14 0.00 0.00	44.28 0.13 0.00	57.76 0.00 0.18	73.28 0.00 0.43	61.07 -0.06 0.00	51.39 0.10 0.00	46.51 0.23 0.00	40.29 0.16 0.00	34.55 0.10 0.00	30.56 0.06 0.00
DUNKIRK___115KV_TB_200 55889	29.08 0.34 0.00	26.93 0.08 0.00	25.40 0.00 0.00	23.65 -0.34 0.00	23.61 -0.38 0.00	25.28 -0.28 0.00	28.70 -0.20 0.00	29.67 0.50 0.00	30.47 0.63 0.00	33.06 1.33 0.00	32.15 1.15 0.00	33.77 1.39 0.00	37.47 2.58 0.00	41.35 3.31 0.00	44.84 3.70 0.00	49.01 4.86 -0.01	66.13 8.17 -0.01	83.08 9.36 -0.01	68.74 7.58 -0.02	57.04 5.74 -0.01	51.05 4.77 0.00	43.57 3.45 0.00	36.48 2.03 0.00	31.14 0.64 0.00
DUNKIRK___1 23563	29.08 0.34 0.00	26.93 0.08 0.00	25.40 0.00 0.00	23.65 -0.34 0.00	23.61 -0.38 0.00	25.28 -0.28 0.00	28.70 -0.20 0.00	29.67 0.50 0.00	30.47 0.63 0.00	33.06 1.33 0.00	32.15 1.15 0.00	33.77 1.39 0.00	37.47 2.58 0.00	41.35 3.31 0.00	44.84 3.70 0.00	49.01 4.86 -0.01	66.13 8.17 -0.01	83.08 9.36 -0.01	68.74 7.58 -0.02	57.04 5.74 -0.01	51.05 4.77 0.00	43.57 3.45 0.00	36.48 2.03 0.00	31.14 0.64 0.00
DUNKIRK___2 23564	29.08 0.34 0.00	26.93 0.08 0.00	25.40 0.00 0.00	23.65 -0.34 0.00	23.61 -0.38 0.00	25.28 -0.28 0.00	28.70 -0.20 0.00	29.67 0.50 0.00	30.47 0.63 0.00	33.06 1.33 0.00	32.15 1.15 0.00	33.77 1.39 0.00	37.47 2.58 0.00	41.35 3.31 0.00	44.84 3.70 0.00	49.01 4.86 -0.01	66.13 8.17 -0.01	83.08 9.36 -0.01	68.74 7.58 -0.02	57.04 5.74 -0.01	51.05 4.77 0.00	43.57 3.45 0.00	36.48 2.03 0.00	31.14 0.64 0.00
DUNKIRK___3 23565	28.88 0.14 0.00	26.76 -0.08 0.00	25.25 -0.15 0.00	23.51 -0.48 0.00	23.47 -0.53 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	29.43 0.26 0.00	30.26 0.42 0.00	32.84 1.11 0.00	31.87 0.87 0.00	33.48 1.10 0.00	37.12 2.23 0.00	40.97 2.93 0.00	44.43 3.29 0.00	48.52 4.37 -0.01	65.49 7.53 -0.01	82.35 8.62 -0.01	68.13 6.97 -0.02	56.58 5.28 -0.01	50.68 4.40 0.00	43.25 3.13 0.00	36.28 1.83 0.00	31.01 0.52 0.00
DUNKIRK___4 23566	28.88 0.14 0.00	26.76 -0.08 0.00	25.25 -0.15 0.00	23.51 -0.48 0.00	23.47 -0.53 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	29.43 0.26 0.00	30.26 0.42 0.00	32.84 1.11 0.00	31.87 0.87 0.00	33.48 1.10 0.00	37.12 2.23 0.00	40.97 2.93 0.00	44.43 3.29 0.00	48.52 4.37 -0.01	65.49 7.53 -0.01	82.35 8.62 -0.01	68.13 6.97 -0.02	56.58 5.28 -0.01	50.68 4.40 0.00	43.25 3.13 0.00	36.28 1.83 0.00	31.01 0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.40 1.67 0.00	28.32 1.48 0.00	26.45 1.04 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.52 1.62 0.00	30.98 1.81 0.00	31.90 2.06 0.00	33.83 2.09 0.00	33.21 2.20 0.00	34.64 2.27 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.56 2.43 0.00	46.97 2.83 0.00	61.36 3.42 0.00	79.07 4.64 -0.71	64.65 3.48 -0.02	54.05 2.77 0.00	48.87 2.59 0.00	42.09 1.97 0.00	36.38 1.93 0.00	32.39 1.89 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.11 1.38 0.00	28.08 1.23 0.00	26.24 0.84 0.00	24.76 0.77 0.00	24.79 0.79 0.00	26.51 0.95 0.00	30.23 1.33 0.00	30.60 1.43 0.00	31.48 1.64 0.00	33.35 1.62 0.00	32.68 1.67 0.00	33.97 1.59 0.00	36.49 1.60 0.00	39.60 1.56 0.00	42.90 1.77 0.00	46.31 2.16 0.00	60.55 2.61 0.00	77.94 3.69 -0.54	64.15 3.00 -0.02	53.69 2.41 0.00	48.64 2.36 0.00	41.81 1.69 0.00	36.04 1.58 0.00	32.11 1.62 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.67 1.93 -0.01	28.63 1.77 -0.01	26.71 1.30 -0.01	25.15 1.15 -0.01	25.20 1.20 -0.01	26.94 1.38 0.00	30.73 1.82 -0.01	31.19 2.01 -0.01	32.05 2.21 -0.01	33.99 2.25 -0.01	33.43 2.42 -0.01	34.88 2.49 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.86 2.71 -0.01	47.33 3.18 -0.01	61.65 3.71 0.00	79.73 5.31 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.42 2.29 -0.01	36.63 2.17 -0.01	32.67 2.17 -0.01
E179THST_13_KV_LOAD 356214	30.84 2.10 -0.01	28.79 1.93 -0.01	26.83 1.42 -0.01	25.25 1.25 -0.01	25.32 1.32 -0.01	27.07 1.51 0.00	30.91 1.99 -0.01	31.37 2.19 -0.01	32.23 2.39 -0.01	34.18 2.44 -0.01	33.62 2.60 -0.01	35.11 2.72 -0.01	37.61 2.72 -0.01	40.86 2.81 -0.01	44.15 3.00 -0.01	47.64 3.49 -0.01	62.12 4.17 0.00	80.32 5.90 -0.71	65.38 4.22 -0.02	54.82 3.54 0.00	49.47 3.19 0.00	42.70 2.57 -0.01	36.87 2.41 -0.01	32.85 2.35 -0.01
EAST HAMPTON___GT 23717	31.72 2.99 0.00	30.35 3.03 -0.48	27.97 2.56 0.00	26.10 2.11 0.00	26.03 2.04 0.00	28.05 2.48 -0.01	31.91 3.01 0.00	32.70 3.53 0.00	35.39 4.18 -1.37	35.38 3.65 0.00	35.50 4.49 0.00	37.01 4.63 0.00	39.42 4.53 0.00	43.02 4.98 0.00	46.92 5.76 -0.02	50.55 6.40 0.00	66.46 8.52 0.00	85.04 10.62 -0.71	69.54 8.38 -0.02	57.38 6.10 0.00	51.05 4.77 0.00	44.42 4.30 0.00	37.62 3.17 0.00	34.68 3.87 -0.31
EAST RIVER___6 23660	30.52 1.78 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.77 1.20 0.00	30.55 1.65 0.00	31.07 1.90 0.00	32.02 2.18 0.00	34.02 2.29 0.00	33.45 2.45 0.00	34.94 2.56 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.60 2.47 0.00	47.06 2.91 0.00	61.36 3.42 0.00	79.07 4.65 -0.71	64.40 3.24 -0.02	53.85 2.56 0.00	48.55 2.27 0.00	42.09 1.97 0.00	36.55 2.10 0.00	32.51 2.01 0.00
EAST RIVER___7 23524	30.52 1.78 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.77 1.20 0.00	30.55 1.65 0.00	31.07 1.90 0.00	32.02 2.18 0.00	34.02 2.29 0.00	33.45 2.45 0.00	34.94 2.56 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.60 2.47 0.00	47.06 2.91 0.00	61.36 3.42 0.00	79.07 4.65 -0.71	64.40 3.24 -0.02	53.85 2.56 0.00	48.55 2.27 0.00	42.09 1.97 0.00	36.55 2.10 0.00	32.51 2.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.85 0.86 0.00	24.91 0.91 0.00	26.66 1.10 0.00	30.44 1.53 0.00	30.89 1.72 0.00	31.78 1.94 0.00	33.70 1.97 0.00	33.11 2.11 0.00	34.52 2.14 0.00	37.01 2.13 0.00	40.20 2.17 0.00	43.40 2.26 0.00	46.84 2.69 0.00	61.19 3.24 0.00	78.84 4.42 -0.71	64.40 3.24 -0.02	53.90 2.62 0.00	48.73 2.45 0.00	41.97 1.85 0.00	36.24 1.79 0.00	32.33 1.83 0.00
EAST_HAMPTON___DIESEL 23722	31.72 2.99 0.00	30.35 3.03 -0.48	27.97 2.56 0.00	26.10 2.11 0.00	26.03 2.04 0.00	28.05 2.48 -0.01	31.91 3.01 0.00	32.73 3.56 0.00	35.42 4.21 -1.37	35.38 3.65 0.00	35.50 4.49 0.00	37.01 4.63 0.00	39.42 4.53 0.00	43.02 4.98 0.00	46.92 5.76 -0.02	50.55 6.40 0.00	66.52 8.57 0.00	85.04 10.62 -0.71	69.54 8.38 -0.02	57.44 6.15 0.00	51.05 4.77 0.00	44.42 4.30 0.00	37.62 3.17 0.00	34.68 3.87 -0.31
EAST_POINT___SOLAR 323840	31.32 2.59 0.00	29.26 2.42 0.00	27.46 2.06 0.00	25.93 1.94 0.00	26.01 2.02 0.00	27.79 2.22 0.00	31.53 2.63 0.00	30.83 1.66 0.00	30.70 0.87 0.00	32.43 0.70 0.00	31.56 0.56 0.00	32.89 0.52 0.00	35.55 0.66 0.00	38.68 0.65 0.00	41.88 0.74 0.00	45.34 1.19 0.00	59.68 1.74 0.00	79.76 6.49 0.44	68.09 6.97 0.01	56.52 5.23 0.00	51.74 5.46 0.00	44.50 4.37 0.00	38.03 3.58 0.00	33.45 2.96 0.00
EAST_PULASKI___ESR 323781	28.48 -0.26 0.00	26.55 -0.29 0.00	25.02 -0.38 0.00	23.61 -0.38 0.00	23.61 -0.38 0.00	25.18 -0.38 0.00	28.59 -0.32 0.00	28.76 -0.41 0.00	29.30 -0.54 0.00	31.26 -0.48 0.00	30.51 -0.50 0.00	31.93 -0.45 0.00	34.50 -0.38 0.00	37.77 -0.26 0.00	40.85 -0.29 0.00	43.88 -0.26 0.00	57.11 -0.12 0.72	72.01 0.00 1.70	61.30 0.18 0.02	51.49 0.21 0.00	46.42 0.14 0.00	40.20 0.08 0.00	34.35 -0.10 0.00	30.19 -0.30 0.00
EAST_RIVER___1 323558	30.52 1.78 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.77 1.20 0.00	30.58 1.68 0.00	31.10 1.92 0.00	32.02 2.18 0.00	34.02 2.29 0.00	33.45 2.45 0.00	34.91 2.53 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.64 2.51 0.00	47.06 2.91 0.00	61.48 3.54 0.00	79.14 4.72 -0.71	64.46 3.30 -0.02	53.95 2.67 0.00	48.59 2.31 0.00	42.09 1.97 0.00	36.52 2.07 0.00	32.51 2.01 0.00
EAST_RIVER___2 323559	30.52 1.78 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.77 1.20 0.00	30.55 1.65 0.00	31.07 1.90 0.00	32.02 2.18 0.00	34.02 2.29 0.00	33.45 2.45 0.00	34.94 2.56 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.60 2.47 0.00	47.06 2.91 0.00	61.36 3.42 0.00	79.07 4.65 -0.71	64.40 3.24 -0.02	53.85 2.56 0.00	48.55 2.27 0.00	42.09 1.97 0.00	36.55 2.10 0.00	32.51 2.01 0.00
EAST___DELAWARE_HYD 23607	30.29 1.55 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.66 1.10 0.00	30.44 1.53 0.00	30.75 1.57 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.73 1.85 0.00	39.94 1.90 0.00	43.23 2.10 0.00	46.62 2.47 0.00	61.30 3.36 0.00	78.75 4.65 -0.39	64.88 3.73 -0.01	54.36 3.08 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.41 1.96 0.00	32.36 1.86 0.00
EIGHT_POINT___WT_PWR 323820	30.60 1.87 0.00	28.37 1.53 0.00	26.62 1.22 0.00	24.95 0.96 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.64 1.73 0.00	31.53 2.36 0.00	32.05 2.21 0.00	34.46 2.73 0.00	33.49 2.48 0.00	35.10 2.72 0.00	38.72 3.84 0.00	42.60 4.56 0.00	46.28 5.14 0.00	50.37 6.23 0.00	67.51 9.56 -0.01	85.88 12.16 -0.01	70.87 9.72 -0.01	59.14 7.85 -0.01	52.90 6.62 0.00	44.70 4.57 0.00	37.31 2.86 0.00	31.47 0.98 0.00
ELBRIDGE_115KV_TB2 80188	28.74 0.00 0.00	26.79 -0.05 0.00	25.25 -0.15 0.00	23.80 -0.19 0.00	23.80 -0.19 0.00	25.36 -0.20 0.00	28.73 -0.17 0.00	29.00 -0.18 0.00	29.60 -0.24 0.00	31.57 -0.16 0.00	30.82 -0.19 0.00	32.22 -0.16 0.00	34.85 -0.03 0.00	38.15 0.11 0.00	41.42 0.29 0.00	44.68 0.53 0.00	59.07 1.27 0.15	74.98 1.62 0.35	62.60 1.47 0.00	52.26 0.97 0.00	47.11 0.83 0.00	40.49 0.36 0.00	34.55 0.10 0.00	30.37 -0.12 0.00
ELEC_TRO_TEK 24086	30.78 2.04 0.00	29.15 1.83 -0.48	26.72 1.32 0.00	25.14 1.15 0.00	25.15 1.15 0.00	27.05 1.48 0.00	30.78 1.88 0.00	31.30 2.13 0.00	33.63 2.42 -1.37	34.05 2.32 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.47 2.58 0.00	40.70 2.66 0.00	44.18 2.96 -0.09	47.50 3.36 0.00	62.00 4.06 0.00	79.44 5.01 -0.71	65.07 3.91 -0.02	54.31 3.03 0.00	49.15 2.87 0.00	42.33 2.21 0.00	36.55 2.10 0.00	33.12 2.32 -0.31

ELLENBURG_WT_PWR 323604	28.71 -0.03 0.00	26.77 -0.08 0.00	25.66 0.25 0.00	24.21 0.22 0.00	24.14 0.14 0.00	25.72 0.15 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.96 -0.08 0.00	41.09 -0.04 0.00	43.75 -0.40 0.00	56.55 -0.93 0.47	71.58 -1.03 1.10	60.64 -0.49 0.01	50.46 0.00 0.00	45.59 -0.69 0.00	39.44 -0.68 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.45 -0.29 0.00	26.39 -0.46 0.00	24.95 -0.46 0.00	23.22 -0.77 0.00	23.16 -0.84 0.00	24.82 -0.74 0.00	28.07 -0.84 0.00	28.91 -0.26 0.00	29.78 -0.06 0.00	32.27 0.54 0.00	31.32 0.31 0.00	32.86 0.49 0.00	36.45 1.57 0.00	40.24 2.21 0.00	43.64 2.51 0.00	47.69 3.53 -0.01	64.45 6.49 -0.01	80.95 7.22 -0.01	67.15 5.99 -0.02	55.71 4.41 -0.01	49.84 3.56 0.00	42.61 2.49 0.00	35.83 1.38 0.00	30.65 0.15 0.00
EMPIRE_CC_1 323656	29.37 0.63 0.00	27.65 0.80 0.00	25.96 0.56 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.15 0.59 0.00	29.60 0.69 0.00	29.87 0.70 0.00	30.49 0.66 0.00	32.30 0.57 0.00	31.56 0.56 0.00	32.96 0.58 0.00	35.34 0.45 0.00	38.38 0.34 0.00	41.34 0.21 0.00	44.41 0.27 0.00	58.18 0.23 0.00	72.63 0.15 1.23	61.16 0.06 0.04	51.69 0.41 0.00	46.74 0.46 0.00	40.57 0.44 0.00	35.04 0.59 0.00	31.32 0.82 0.00
EMPIRE_CC_2 323658	29.37 0.63 0.00	27.65 0.80 0.00	25.96 0.56 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.15 0.59 0.00	29.60 0.69 0.00	29.87 0.70 0.00	30.49 0.66 0.00	32.30 0.57 0.00	31.56 0.56 0.00	32.96 0.58 0.00	35.34 0.45 0.00	38.38 0.34 0.00	41.34 0.21 0.00	44.41 0.27 0.00	58.18 0.23 0.00	72.63 0.15 1.23	61.16 0.06 0.04	51.69 0.41 0.00	46.74 0.46 0.00	40.57 0.44 0.00	35.04 0.59 0.00	31.32 0.82 0.00
ENORWICH_115KV_TB1 80156	30.98 2.24 0.00	28.78 1.93 0.00	27.05 1.65 0.00	25.41 1.42 0.00	25.48 1.49 0.00	27.17 1.61 0.00	31.19 2.28 0.00	31.53 2.36 0.00	31.93 2.09 0.00	33.95 2.22 0.00	32.93 1.92 0.00	34.52 2.14 0.00	37.40 2.51 0.00	41.16 3.12 0.00	44.67 3.54 0.00	48.69 4.55 0.00	64.90 6.95 0.00	83.00 9.29 0.00	69.09 7.95 0.00	57.95 6.67 0.00	52.20 5.92 0.00	44.54 4.41 0.00	37.79 3.34 0.00	32.97 2.47 0.00
ERIE_ST__34_KV_TB1-2 80199	28.88 0.14 0.00	26.74 -0.11 0.00	25.25 -0.15 0.00	23.51 -0.48 0.00	23.47 -0.53 0.00	25.13 -0.43 0.00	28.50 -0.40 0.00	29.43 0.26 0.00	30.32 0.48 0.00	32.87 1.14 0.00	31.94 0.93 0.00	33.51 1.13 0.00	37.26 2.37 0.00	41.16 3.12 0.00	44.67 3.54 0.00	48.83 4.68 -0.01	65.67 7.71 -0.02	82.57 8.85 -0.02	67.76 6.60 -0.02	56.53 5.23 -0.02	50.86 4.58 0.00	43.41 3.29 0.00	36.45 2.00 0.00	31.17 0.67 0.00
ERIE_WT_PWR 323693	28.68 -0.06 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.39 -0.60 0.00	23.35 -0.65 0.00	25.00 -0.56 0.00	28.30 -0.61 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.55 0.82 0.00	31.59 0.59 0.00	33.15 0.78 0.00	36.91 2.02 0.00	40.74 2.70 0.00	44.06 2.92 0.00	48.08 3.93 -0.01	64.56 6.60 -0.02	81.39 7.67 -0.02	67.27 6.11 -0.02	56.07 4.77 -0.02	50.08 3.80 0.00	42.97 2.85 0.00	36.17 1.72 0.00	30.92 0.43 0.00
ESPRGFLD_115KV_TB1 80157	30.66 1.93 0.00	28.54 1.69 0.00	26.83 1.42 0.00	25.33 1.34 0.00	25.39 1.39 0.00	27.10 1.53 0.00	30.90 1.99 0.00	31.01 1.84 0.00	31.51 1.67 0.00	33.44 1.71 0.00	32.62 1.61 0.00	34.06 1.68 0.00	36.80 1.92 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.19 3.05 0.00	62.17 4.23 0.00	80.00 6.56 0.27	67.00 5.87 0.01	56.00 4.72 0.00	50.72 4.44 0.00	43.61 3.49 0.00	37.21 2.76 0.00	32.72 2.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.48 0.75 0.00	27.44 0.59 0.00	25.84 0.43 0.00	24.33 0.34 0.00	24.33 0.34 0.00	25.95 0.38 0.00	29.63 0.72 0.00	30.05 0.88 0.00	30.61 0.78 0.00	32.62 0.89 0.00	31.75 0.74 0.00	33.22 0.84 0.00	35.97 1.08 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.35 2.21 0.00	61.59 3.65 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.51 3.23 0.00	49.15 2.87 0.00	42.09 1.97 0.00	35.79 1.34 0.00	31.35 0.85 0.00
ETNA____115KV_TB2 80207	29.48 0.75 0.00	27.44 0.59 0.00	25.84 0.43 0.00	24.33 0.34 0.00	24.33 0.34 0.00	25.95 0.38 0.00	29.63 0.72 0.00	30.05 0.88 0.00	30.61 0.78 0.00	32.62 0.89 0.00	31.75 0.74 0.00	33.22 0.84 0.00	35.97 1.08 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.35 2.21 0.00	61.59 3.65 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.51 3.23 0.00	49.15 2.87 0.00	42.09 1.97 0.00	35.79 1.34 0.00	31.35 0.85 0.00
EUCLID__115KV_TB2 356179	28.56 -0.17 0.00	26.60 -0.24 0.00	25.10 -0.30 0.00	23.65 -0.34 0.00	23.66 -0.34 0.00	25.23 -0.33 0.00	28.67 -0.23 0.00	28.94 -0.23 0.00	29.57 -0.27 0.00	31.54 -0.19 0.00	30.79 -0.22 0.00	32.18 -0.19 0.00	34.81 -0.07 0.00	38.04 0.00 0.00	41.26 0.12 0.00	44.54 0.40 0.00	58.80 1.04 0.19	74.52 1.25 0.44	62.23 1.10 0.01	52.05 0.77 0.00	46.88 0.60 0.00	40.32 0.20 0.00	34.45 0.00 0.00	30.31 -0.18 0.00
E_CANADA_CAP_HY 24051	31.18 2.44 0.00	29.10 2.26 0.00	27.31 1.91 0.00	25.81 1.82 0.00	25.87 1.87 0.00	27.63 2.07 0.00	31.42 2.51 0.00	31.27 2.10 0.00	31.60 1.76 0.00	33.44 1.71 0.00	32.59 1.58 0.00	34.00 1.62 0.00	36.70 1.81 0.00	40.01 1.98 0.00	43.35 2.22 0.00	46.84 2.69 0.00	61.66 3.71 0.00	80.02 6.71 0.40	67.54 6.42 0.01	56.46 5.18 0.00	51.28 5.00 0.00	44.22 4.09 0.00	37.79 3.34 0.00	33.27 2.77 0.00
E_CANADA_MHWK_HY 24050	28.82 0.09 0.00	26.90 0.05 0.00	25.38 -0.03 0.00	23.94 -0.05 0.00	23.97 -0.02 0.00	25.54 -0.03 0.00	28.99 0.09 0.00	29.23 0.06 0.00	29.87 0.03 0.00	31.73 0.00 0.00	31.01 0.00 0.00	32.38 0.00 0.00	34.92 0.03 0.00	38.11 0.08 0.00	41.14 0.00 0.00	44.28 0.13 0.00	57.76 0.00 0.18	73.28 0.00 0.43	61.07 -0.06 0.00	51.39 0.10 0.00	46.51 0.23 0.00	40.29 0.16 0.00	34.55 0.10 0.00	30.56 0.06 0.00
E_FISHKILL__LBMP 23776	30.09 1.35 0.00	28.08 1.23 0.00	26.24 0.84 0.00	24.76 0.77 0.00	24.79 0.79 0.00	26.51 0.95 0.00	30.23 1.33 0.00	30.63 1.46 0.00	31.48 1.64 0.00	33.35 1.62 0.00	32.71 1.71 0.00	34.09 1.72 0.00	36.56 1.67 0.00	39.71 1.67 0.00	42.86 1.73 0.00	46.22 2.07 0.00	60.44 2.49 0.00	77.84 3.39 -0.74	63.67 2.51 -0.02	53.34 2.05 0.00	48.27 1.99 0.00	41.61 1.48 0.00	35.93 1.48 0.00	32.05 1.56 0.00
FALCON___SEABRD_CC1 323796	29.45 0.72 0.00	27.44 0.59 0.00	26.29 0.89 0.00	24.83 0.84 0.00	24.74 0.74 0.00	26.38 0.82 0.00	29.71 0.81 0.00	29.96 0.79 0.00	30.64 0.81 0.00	32.68 0.95 0.00	31.97 0.96 0.00	33.32 0.94 0.00	35.86 0.98 0.00	39.06 1.03 0.00	42.41 1.28 0.00	45.16 1.02 0.00	58.21 0.92 0.66	73.49 1.33 1.54	62.71 1.59 0.02	52.10 0.82 0.00	46.93 0.65 0.00	40.53 0.40 0.00	34.59 0.14 0.00	30.53 0.03 0.00

FALCON___SEABRD_CC2 323797	29.45 0.72 0.00	27.44 0.59 0.00	26.29 0.89 0.00	24.83 0.84 0.00	24.74 0.74 0.00	26.38 0.82 0.00	29.71 0.81 0.00	29.96 0.79 0.00	30.64 0.81 0.00	32.68 0.95 0.00	31.97 0.96 0.00	33.32 0.94 0.00	35.86 0.98 0.00	39.06 1.03 0.00	42.41 1.28 0.00	45.16 1.02 0.00	58.21 0.92 0.66	73.49 1.33 1.54	62.71 1.59 0.02	52.10 0.82 0.00	46.93 0.65 0.00	40.53 0.40 0.00	34.59 0.14 0.00	30.53 0.03 0.00
FAR ROCKAWAY___4 23548	31.24 2.50 0.00	29.58 2.26 -0.48	27.11 1.70 0.00	25.48 1.49 0.00	25.48 1.49 0.00	27.43 1.87 0.00	31.19 2.28 0.00	31.71 2.54 0.00	34.05 2.83 -1.37	34.49 2.76 0.00	34.14 3.13 0.00	35.62 3.24 0.00	38.20 3.31 0.00	41.50 3.46 0.00	45.11 3.91 -0.06	48.60 4.46 0.00	63.62 5.68 0.00	81.43 7.00 -0.71	66.79 5.62 -0.02	55.64 4.36 0.00	50.26 3.98 0.00	43.25 3.13 0.00	37.31 2.86 0.00	33.73 2.93 -0.31
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.55 1.81 0.00	28.43 1.58 0.00	26.50 1.09 0.00	24.97 0.98 0.00	25.00 1.01 0.00	26.79 1.23 0.00	30.61 1.71 0.00	31.13 1.95 0.00	32.05 2.21 0.00	34.05 2.32 0.00	33.46 2.45 0.00	34.94 2.56 0.00	37.43 2.55 0.00	40.66 2.62 0.00	43.81 2.67 0.00	47.32 3.18 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	65.01 3.85 -0.02	54.31 3.03 0.00	49.06 2.78 0.00	42.25 2.13 0.00	36.59 2.14 0.00	32.54 2.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.55 1.81 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.05 2.21 0.00	34.05 2.32 0.00	33.46 2.45 0.00	34.94 2.56 0.00	37.43 2.55 0.00	40.66 2.62 0.00	43.81 2.67 0.00	47.32 3.18 0.00	61.77 3.82 0.00	79.73 5.31 -0.71	65.01 3.85 -0.02	54.31 3.03 0.00	49.06 2.78 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.54 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.61 1.71 0.00	31.13 1.95 0.00	32.05 2.21 0.00	34.02 2.28 0.00	33.46 2.45 0.00	34.90 2.53 0.00	37.40 2.51 0.00	40.62 2.59 0.00	43.81 2.67 0.00	47.28 3.13 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	64.95 3.79 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
FARRAGUT___LBMP 323566	30.49 1.75 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.87 2.49 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.89 3.73 -0.02	54.21 2.92 0.00	48.97 2.68 0.00	42.17 2.05 0.00	36.52 2.07 0.00	32.51 2.01 0.00
FENNER___WINDPWR 24204	29.42 0.69 0.00	27.41 0.56 0.00	25.84 0.43 0.00	24.35 0.36 0.00	24.38 0.38 0.00	25.97 0.41 0.00	29.60 0.69 0.00	29.81 0.64 0.00	30.40 0.57 0.00	32.40 0.67 0.00	31.56 0.56 0.00	33.03 0.65 0.00	35.72 0.84 0.00	39.06 1.03 0.00	42.33 1.19 0.00	45.69 1.54 0.00	60.35 2.72 0.32	76.51 3.54 0.74	64.01 2.87 0.01	53.69 2.41 0.00	48.37 2.08 0.00	41.69 1.56 0.00	35.59 1.14 0.00	31.29 0.79 0.00
FIBERTEK___ENERGY 23856	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00
FITZPATRICK____ 23598	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.93 -0.64 0.00	28.24 -0.66 0.00	28.47 -0.70 0.00	29.09 -0.74 0.00	31.00 -0.73 0.00	30.26 -0.74 0.00	31.64 -0.74 0.00	34.19 -0.70 0.00	37.35 -0.68 0.00	40.44 -0.70 0.00	43.57 -0.58 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.82 -0.46 0.00	45.73 -0.55 0.00	39.52 -0.60 0.00	33.83 -0.62 0.00	29.80 -0.70 0.00
FLOWRFLD_69_KV_BK1 356044	30.98 2.24 0.00	29.47 2.15 -0.48	27.03 1.63 0.00	25.31 1.32 0.00	25.29 1.30 0.00	27.38 1.82 0.00	30.96 2.05 0.00	31.65 2.48 0.00	34.11 2.89 -1.37	34.21 2.48 0.00	33.95 2.95 0.00	35.36 2.98 0.00	37.74 2.86 0.00	40.97 2.93 0.00	44.65 3.50 -0.02	47.81 3.66 0.00	62.58 4.64 0.00	80.10 5.68 -0.71	65.56 4.40 -0.02	54.62 3.33 0.00	49.38 3.10 0.00	42.65 2.53 0.00	36.52 2.07 0.00	33.49 2.68 -0.31
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.37 1.64 0.00	28.35 1.50 0.00	26.45 1.04 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.74 1.18 0.00	30.52 1.62 0.00	30.86 1.69 0.00	31.81 1.97 0.00	33.73 2.00 0.00	32.96 1.95 0.00	34.19 1.81 0.00	36.70 1.81 0.00	39.86 1.83 0.00	43.23 2.10 0.00	46.71 2.56 0.00	60.90 2.96 0.00	78.40 4.13 -0.56	64.83 3.67 -0.02	54.26 2.97 0.00	49.24 2.96 0.00	42.29 2.17 0.00	36.41 1.96 0.00	32.42 1.92 0.00
FORT ORANGE____ 23900	29.31 0.57 0.00	27.49 0.64 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.51 0.61 0.00	29.72 0.55 0.00	30.38 0.54 0.00	32.18 0.44 0.00	31.41 0.40 0.00	32.80 0.42 0.00	34.95 0.07 0.00	38.00 -0.04 0.00	41.09 -0.04 0.00	44.19 0.04 0.00	57.89 -0.06 0.00	73.24 0.15 0.61	61.24 0.12 0.02	51.65 0.36 0.00	46.70 0.42 0.00	40.44 0.32 0.00	34.83 0.38 0.00	31.01 0.52 0.00
FORT_DRUM_COGEN 23780	28.45 -0.29 0.00	26.47 -0.38 0.00	25.02 -0.38 0.00	23.58 -0.41 0.00	23.64 -0.36 0.00	25.21 -0.36 0.00	28.73 -0.17 0.00	28.91 -0.26 0.00	29.27 -0.57 0.00	31.13 -0.60 0.00	30.32 -0.68 0.00	31.73 -0.65 0.00	34.22 -0.66 0.00	37.54 -0.49 0.00	40.52 -0.62 0.00	43.70 -0.44 0.00	55.10 -0.52 2.33	67.88 -0.37 5.46	61.33 0.24 0.06	51.85 0.56 0.00	46.84 0.56 0.00	40.45 0.32 0.00	34.31 -0.14 0.00	30.10 -0.40 0.00
FOX_HILLS___ESR 323835	55.64 2.01 -24.89	45.99 1.69 -17.45	40.32 1.22 -13.69	25.13 1.08 -0.06	28.89 1.13 -3.77	26.95 1.33 -0.06	40.36 1.82 -9.64	44.41 2.04 -13.19	44.50 2.30 -12.36	46.14 2.41 -12.00	47.12 2.57 -13.54	74.79 2.72 -39.69	61.99 2.72 -24.38	69.85 2.85 -28.96	117.35 2.92 -73.29	66.32 3.40 -18.77	62.71 3.94 -0.82	99.48 5.60 -20.17	65.14 3.97 -0.02	62.86 3.38 -8.19	63.02 3.05 -13.68	44.38 2.45 -1.81	45.49 2.34 -8.70	45.02 2.23 -12.30
FPL FAR_ROCK_GT1 24212	31.23 2.50 0.00	29.60 2.28 -0.48	27.16 1.75 0.00	25.48 1.49 0.00	25.48 1.49 0.00	27.36 1.79 -0.01	31.19 2.28 0.00	31.71 2.54 0.00	34.05 2.84 -1.37	34.52 2.79 0.00	34.14 3.13 0.00	35.55 3.17 0.00	38.02 3.14 0.00	41.38 3.35 0.00	44.82 3.62 -0.06	48.29 4.15 0.00	63.27 5.33 0.00	80.83 6.41 -0.71	66.30 5.14 -0.02	55.18 3.90 0.00	49.52 3.24 0.00	43.01 2.89 0.00	37.07 2.62 0.00	33.70 2.90 -0.31

FPL FAR_ROCK_GT2 23815	31.23 2.50 0.00	29.60 2.28 -0.48	27.16 1.75 0.00	25.48 1.49 0.00	25.48 1.49 0.00	27.36 1.79 -0.01	31.19 2.28 0.00	31.71 2.54 0.00	34.05 2.84 -1.37	34.52 2.79 0.00	34.14 3.13 0.00	35.55 3.17 0.00	38.02 3.14 0.00	41.38 3.35 0.00	44.82 3.62 -0.06	48.29 4.15 0.00	63.27 5.33 0.00	80.83 6.41 -0.71	66.30 5.14 -0.02	55.18 3.90 0.00	49.52 3.24 0.00	43.01 2.89 0.00	37.07 2.62 0.00	33.70 2.90 -0.31
FRANKLIN_FALL_HYD 24054	28.53 -0.20 0.00	26.63 -0.21 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.02 0.02 0.00	25.61 0.05 0.00	28.82 -0.09 0.00	29.03 -0.15 0.00	29.66 -0.18 0.00	31.60 -0.13 0.00	30.91 -0.09 0.00	32.22 -0.16 0.00	34.64 -0.24 0.00	37.77 -0.27 0.00	40.11 -1.03 0.00	42.07 -2.07 0.00	51.60 -3.36 2.98	62.50 -4.20 7.01	57.58 -3.48 0.08	48.41 -2.87 0.00	43.41 -2.87 0.00	38.56 -1.56 0.00	33.59 -0.86 0.00	29.67 -0.82 0.00
FREEPORT_EQUS_GT1 23764	31.01 2.27 0.00	29.42 2.10 -0.48	27.01 1.60 0.00	25.31 1.32 0.00	25.29 1.29 0.00	27.18 1.61 -0.01	30.99 2.08 0.00	31.53 2.36 0.00	33.90 2.69 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.29 2.92 0.00	37.64 2.76 0.00	40.93 2.89 0.00	44.13 2.92 -0.08	47.50 3.35 0.00	61.94 4.00 0.00	79.21 4.79 -0.71	64.89 3.73 -0.02	54.00 2.72 0.00	48.64 2.36 0.00	42.49 2.37 0.00	36.59 2.14 0.00	33.39 2.59 -0.31
FREEPORT___CT2 23818	31.01 2.27 0.00	29.42 2.10 -0.48	27.01 1.60 0.00	25.31 1.32 0.00	25.29 1.29 0.00	27.18 1.61 -0.01	30.99 2.08 0.00	31.53 2.36 0.00	33.90 2.69 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.29 2.92 0.00	37.64 2.76 0.00	40.93 2.89 0.00	44.13 2.92 -0.08	47.50 3.35 0.00	61.94 4.00 0.00	79.21 4.79 -0.71	64.89 3.73 -0.02	54.00 2.72 0.00	48.64 2.36 0.00	42.49 2.37 0.00	36.59 2.14 0.00	33.39 2.59 -0.31
FRESHKLS_33_KV_LOAD 356253	41.56 1.93 -10.90	40.61 1.64 -12.13	40.24 1.14 -13.69	25.08 1.03 -0.06	28.84 1.08 -3.77	26.92 1.30 -0.06	40.28 1.73 -9.64	40.28 1.95 -9.15	40.62 2.21 -8.57	41.20 2.32 -7.15	41.57 2.51 -8.06	58.68 2.66 -23.65	52.06 2.65 -14.53	60.54 2.78 -19.72	94.87 2.84 -50.89	60.52 3.36 -13.02	62.39 3.88 -0.56	93.46 5.53 -14.22	65.07 3.91 -0.01	60.30 3.33 -5.68	58.83 3.05 -9.50	43.73 2.37 -1.24	42.79 2.31 -6.03	41.19 2.17 -8.53
FULTON COGEN____ 23766	28.45 -0.29 0.00	26.50 -0.35 0.00	25.00 -0.41 0.00	23.58 -0.41 0.00	23.56 -0.43 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	28.76 -0.41 0.00	29.36 -0.48 0.00	31.32 -0.41 0.00	30.54 -0.47 0.00	31.96 -0.42 0.00	34.54 -0.35 0.00	37.77 -0.27 0.00	40.97 -0.16 0.00	44.15 0.00 0.25	58.15 0.46 0.60	73.70 0.59 0.01	61.74 0.61 0.00	51.59 0.31 0.00	46.51 0.23 0.00	40.08 -0.04 0.00	34.24 -0.21 0.00	30.13 -0.37 0.00
FULTON___LFGE 323630	31.06 2.33 0.00	29.02 2.17 0.00	27.23 1.83 0.00	25.74 1.75 0.00	25.80 1.80 0.00	27.56 2.00 0.00	31.33 2.43 0.00	31.21 2.04 0.00	31.63 1.79 0.00	33.44 1.71 0.00	32.62 1.61 0.00	34.00 1.62 0.00	36.70 1.81 0.00	39.94 1.90 0.00	43.31 2.18 0.00	46.79 2.65 0.00	61.66 3.71 0.00	79.67 6.41 0.45	67.24 6.11 0.01	56.31 5.03 0.00	51.09 4.81 0.00	43.98 3.85 0.00	37.62 3.17 0.00	33.12 2.62 0.00
G.F.CEMENT___DRP 24184	31.24 2.50 0.00	29.18 2.34 0.00	27.39 1.98 0.00	25.86 1.87 0.00	25.67 1.68 0.00	27.46 1.89 0.00	31.22 2.31 0.00	31.13 1.95 0.00	31.90 2.06 0.00	33.83 2.09 0.00	33.05 2.05 0.00	34.55 2.17 0.00	37.22 2.34 0.00	40.47 2.43 0.00	43.97 2.84 0.00	47.46 3.31 0.00	62.52 4.58 0.00	79.06 6.12 0.77	66.68 5.56 0.02	56.10 4.82 0.00	50.77 4.49 0.00	43.41 3.29 0.00	37.45 3.00 0.00	33.15 2.65 0.00
GARDENVILLE___LBMP 24039	28.56 -0.17 0.00	26.50 -0.35 0.00	25.05 -0.36 0.00	23.32 -0.67 0.00	23.25 -0.74 0.00	24.92 -0.64 0.00	28.21 -0.69 0.00	29.05 -0.12 0.00	29.93 0.09 0.00	32.43 0.70 0.00	31.44 0.43 0.00	33.03 0.65 0.00	36.63 1.74 0.00	40.43 2.40 0.00	43.85 2.71 0.00	47.95 3.80 -0.01	64.74 6.78 -0.01	81.32 7.59 -0.01	67.33 6.18 -0.02	55.91 4.62 -0.01	50.08 3.80 0.00	42.81 2.69 0.00	35.97 1.52 0.00	30.77 0.27 0.00
GARDNVLA_35_KV_LD 355827	28.71 -0.03 0.00	26.60 -0.24 0.00	25.15 -0.25 0.00	23.41 -0.58 0.00	23.37 -0.62 0.00	25.03 -0.54 0.00	28.33 -0.58 0.00	29.20 0.03 0.00	30.08 0.24 0.00	32.59 0.86 0.00	31.63 0.62 0.00	33.25 0.87 0.00	36.87 1.99 0.00	40.74 2.70 0.00	44.22 3.09 0.00	48.35 4.19 -0.01	65.26 7.30 -0.02	81.98 8.26 -0.02	67.82 6.66 -0.02	56.33 5.03 -0.02	50.45 4.17 0.00	43.09 2.97 0.00	36.21 1.76 0.00	30.98 0.49 0.00
GELCKHM___115KV_LOAD 80723	28.65 -0.09 0.00	26.71 -0.13 0.00	25.20 -0.20 0.00	23.75 -0.24 0.00	23.76 -0.24 0.00	25.31 -0.26 0.00	28.76 -0.14 0.00	29.03 -0.15 0.00	29.63 -0.21 0.00	31.60 -0.13 0.00	30.85 -0.16 0.00	32.28 -0.10 0.00	34.88 0.00 0.00	38.15 0.11 0.00	41.42 0.29 0.00	44.68 0.53 0.00	58.98 1.22 0.18	74.83 1.55 0.43	62.54 1.41 0.01	52.26 0.97 0.00	47.07 0.79 0.00	40.49 0.36 0.00	34.55 0.10 0.00	30.40 -0.09 0.00
GENERAL___MILLS 23808	28.65 -0.09 0.00	26.58 -0.27 0.00	25.12 -0.28 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	24.98 -0.59 0.00	28.27 -0.64 0.00	29.14 -0.03 0.00	30.02 0.18 0.00	32.52 0.79 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.77 1.88 0.00	40.59 2.55 0.00	44.06 2.92 0.00	48.13 3.97 -0.01	64.97 7.01 -0.02	81.61 7.89 -0.02	67.58 6.42 -0.02	56.12 4.82 -0.02	50.26 3.98 0.00	42.97 2.85 0.00	36.10 1.65 0.00	30.89 0.40 0.00
GE_PLASTICS___DRP 24183	29.28 0.55 0.00	27.38 0.54 0.00	25.76 0.36 0.00	24.35 0.36 0.00	24.38 0.38 0.00	25.97 0.41 0.00	29.48 0.58 0.00	29.73 0.55 0.00	30.41 0.57 0.00	32.24 0.51 0.00	31.50 0.50 0.00	32.83 0.45 0.00	35.30 0.42 0.00	38.38 0.34 0.00	41.51 0.37 0.00	44.68 0.53 0.00	58.47 0.52 0.00	74.07 0.81 0.46	61.80 0.67 0.01	52.00 0.72 0.00	47.11 0.83 0.00	40.65 0.52 0.00	35.00 0.55 0.00	31.14 0.64 0.00
GILBOA___1 23756	29.42 0.69 0.00	27.49 0.64 0.00	25.81 0.41 0.00	24.54 0.55 0.00	24.57 0.57 0.00	26.02 0.46 0.00	29.57 0.67 0.00	29.90 0.73 0.00	30.61 0.77 0.00	32.49 0.76 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.84 0.80 0.00	41.91 0.78 0.00	44.98 0.84 0.00	58.70 0.75 0.00	74.67 0.96 0.00	61.81 0.67 0.00	52.10 0.82 0.00	47.11 0.83 0.00	40.93 0.80 0.00	35.24 0.79 0.00	31.32 0.82 0.00
GILBOA___2 23757	29.42 0.69 0.00	27.49 0.64 0.00	25.81 0.41 0.00	24.54 0.55 0.00	24.57 0.57 0.00	26.02 0.46 0.00	29.57 0.67 0.00	29.90 0.73 0.00	30.61 0.77 0.00	32.49 0.76 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.84 0.80 0.00	41.91 0.78 0.00	44.98 0.84 0.00	58.70 0.75 0.00	74.67 0.96 0.00	61.81 0.67 0.00	52.10 0.82 0.00	47.11 0.83 0.00	40.93 0.80 0.00	35.24 0.79 0.00	31.32 0.82 0.00

GILBOA___3 23758	29.42 0.69 0.00	27.49 0.64 0.00	25.81 0.41 0.00	24.54 0.55 0.00	24.57 0.57 0.00	26.02 0.46 0.00	29.57 0.67 0.00	29.90 0.73 0.00	30.61 0.77 0.00	32.49 0.76 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.84 0.80 0.00	41.91 0.78 0.00	44.98 0.84 0.00	58.70 0.75 0.00	74.67 0.96 0.00	61.81 0.67 0.00	52.10 0.82 0.00	47.11 0.83 0.00	40.93 0.80 0.00	35.24 0.79 0.00	31.32 0.82 0.00
GILBOA___4 23759	29.42 0.69 0.00	27.49 0.64 0.00	25.81 0.41 0.00	24.54 0.55 0.00	24.57 0.57 0.00	26.02 0.46 0.00	29.57 0.67 0.00	29.90 0.73 0.00	30.61 0.77 0.00	32.49 0.76 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.84 0.80 0.00	41.91 0.78 0.00	44.98 0.84 0.00	58.70 0.75 0.00	74.67 0.96 0.00	61.81 0.67 0.00	52.10 0.82 0.00	47.11 0.83 0.00	40.93 0.80 0.00	35.24 0.79 0.00	31.32 0.82 0.00
GILBOA___ 23599	29.43 0.69 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.54 0.55 0.00	24.57 0.58 0.00	26.02 0.46 0.00	29.57 0.66 0.00	29.90 0.73 0.00	30.61 0.78 0.00	32.49 0.76 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.69 0.80 0.00	38.84 0.80 0.00	42.00 0.86 0.00	45.12 0.97 0.00	58.81 0.87 0.00	74.89 1.18 0.00	62.06 0.92 0.00	52.26 0.97 0.00	47.35 1.06 0.00	40.97 0.84 0.00	35.24 0.79 0.00	31.32 0.82 0.00
GINNA___ 23603	27.36 -1.38 0.00	25.48 -1.37 0.00	23.98 -1.42 0.00	22.53 -1.46 0.00	22.48 -1.51 0.00	24.03 -1.53 0.00	27.37 -1.53 0.00	27.89 -1.28 0.00	28.64 -1.19 0.00	30.81 -0.92 0.00	29.98 -1.02 0.00	31.41 -0.97 0.00	34.43 -0.45 0.00	37.89 -0.15 0.00	41.14 0.00 0.00	44.76 0.62 0.00	59.74 1.80 0.00	75.91 2.21 0.00	63.21 2.08 0.01	52.61 1.33 0.00	47.02 0.74 0.00	40.24 0.12 0.00	34.04 -0.41 0.00	29.52 -0.98 0.00
GLEN PARK___ 23778	28.62 -0.11 0.00	26.63 -0.22 0.00	25.15 -0.25 0.00	23.68 -0.31 0.00	23.73 -0.26 0.00	25.31 -0.26 0.00	28.88 -0.03 0.00	29.05 -0.12 0.00	29.39 -0.45 0.00	31.26 -0.48 0.00	30.42 -0.59 0.00	31.86 -0.52 0.00	34.36 -0.52 0.00	37.69 -0.34 0.00	40.68 -0.45 0.00	43.93 -0.22 0.00	55.69 -0.17 2.08	69.05 0.22 4.88	61.82 0.74 0.05	52.36 1.08 0.00	47.39 1.11 0.00	40.85 0.72 0.00	34.66 0.21 0.00	30.34 -0.15 0.00
GLENDALE_27_KV_LOAD 356172	30.81 2.07 -0.01	28.64 1.80 0.00	26.73 1.32 -0.01	25.14 1.15 0.00	25.20 1.20 0.00	26.99 1.43 0.00	30.88 1.97 -0.01	31.40 2.22 -0.01	32.32 2.48 -0.01	36.03 2.60 -1.70	35.67 2.73 -1.93	40.86 2.85 -5.63	41.20 2.86 -3.46	41.55 2.97 -0.55	44.23 3.09 -0.01	47.77 3.62 -0.01	62.17 4.23 0.00	80.32 5.90 -0.71	65.44 4.28 -0.02	54.82 3.54 0.00	49.52 3.24 0.00	42.70 2.57 -0.01	36.94 2.48 -0.01	32.82 2.32 -0.01
GLENWOOD_IC_1_G5 23712	30.95 2.21 0.00	29.34 2.01 -0.48	26.88 1.47 0.00	25.29 1.30 0.00	25.27 1.27 0.00	27.23 1.66 0.00	30.96 2.05 0.00	31.50 2.33 0.00	33.87 2.66 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.36 2.98 0.00	37.88 3.00 0.00	41.19 3.16 0.00	44.49 3.17 -0.19	47.72 3.58 0.00	62.41 4.46 0.00	79.88 5.45 -0.71	65.38 4.22 -0.02	54.51 3.23 0.00	49.29 3.01 0.00	42.61 2.49 0.00	36.83 2.38 0.00	33.40 2.59 -0.31
GLENWOOD_IC_2_G1 23688	30.86 2.13 0.00	29.28 1.96 -0.48	26.88 1.47 0.00	25.21 1.22 0.00	25.22 1.22 0.00	27.08 1.51 -0.01	30.87 1.97 0.00	31.42 2.25 0.00	33.78 2.57 -1.37	34.17 2.44 0.00	33.76 2.76 0.00	35.16 2.78 0.00	37.53 2.65 0.00	40.85 2.81 0.00	44.37 2.88 -0.36	47.46 3.31 0.00	62.06 4.11 0.00	79.44 5.01 -0.71	65.02 3.85 -0.02	54.15 2.87 0.00	48.64 2.36 0.00	42.37 2.25 0.00	36.52 2.07 0.00	33.24 2.44 -0.31
GLENWOOD_IC_3_G1 23689	30.86 2.13 0.00	29.28 1.96 -0.48	26.88 1.47 0.00	25.21 1.22 0.00	25.22 1.22 0.00	27.08 1.51 -0.01	30.87 1.97 0.00	31.42 2.25 0.00	33.78 2.57 -1.37	34.17 2.44 0.00	33.76 2.76 0.00	35.16 2.78 0.00	37.53 2.65 0.00	40.85 2.81 0.00	44.37 2.88 -0.36	47.46 3.31 0.00	62.06 4.11 0.00	79.44 5.01 -0.71	65.02 3.85 -0.02	54.15 2.87 0.00	48.64 2.36 0.00	42.37 2.25 0.00	36.52 2.07 0.00	33.24 2.44 -0.31
GLENWOOD___4 23550	30.95 2.21 0.00	29.34 2.01 -0.48	26.88 1.47 0.00	25.29 1.30 0.00	25.27 1.27 0.00	27.23 1.66 0.00	30.96 2.05 0.00	31.50 2.33 0.00	33.87 2.66 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.36 2.98 0.00	37.88 3.00 0.00	41.19 3.16 0.00	44.61 3.29 -0.19	47.85 3.71 0.00	62.58 4.64 0.00	80.10 5.68 -0.71	65.56 4.40 -0.02	54.67 3.38 0.00	49.43 3.15 0.00	42.65 2.53 0.00	36.83 2.38 0.00	33.40 2.59 -0.31
GLENWOOD___5 23614	30.95 2.21 0.00	29.34 2.01 -0.48	26.88 1.47 0.00	25.29 1.30 0.00	25.27 1.27 0.00	27.23 1.66 0.00	30.96 2.05 0.00	31.50 2.33 0.00	33.87 2.66 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.36 2.98 0.00	37.88 3.00 0.00	41.19 3.16 0.00	44.61 3.29 -0.19	47.85 3.71 0.00	62.58 4.64 0.00	80.10 5.68 -0.71	65.56 4.40 -0.02	54.67 3.38 0.00	49.43 3.15 0.00	42.65 2.53 0.00	36.83 2.38 0.00	33.40 2.59 -0.31
GLOBAL GREEN_PORT_GT1 23814	31.70 2.96 0.00	30.33 3.01 -0.48	27.92 2.52 0.00	26.03 2.04 0.00	25.96 1.97 0.00	27.97 2.40 -0.01	31.82 2.92 0.00	32.61 3.44 0.00	35.30 4.09 -1.37	35.28 3.55 0.00	35.38 4.37 0.00	36.88 4.50 0.00	39.28 4.40 0.00	42.87 4.83 0.00	46.71 5.55 -0.02	50.38 6.23 0.00	66.23 8.29 0.00	84.74 10.32 -0.71	69.29 8.13 -0.02	57.23 5.95 0.00	50.91 4.63 0.00	44.30 4.17 0.00	37.55 3.10 0.00	34.61 3.81 -0.31
GLOBE___DSASP 323697	27.50 -1.24 0.00	25.56 -1.29 0.00	24.21 -1.19 0.00	22.53 -1.46 0.00	22.44 -1.56 0.00	24.06 -1.51 0.00	27.11 -1.79 0.00	27.86 -1.31 0.00	28.70 -1.13 0.00	31.13 -0.60 0.00	30.14 -0.87 0.00	31.63 -0.74 0.00	35.06 0.17 0.00	38.68 0.65 0.00	41.88 0.74 0.00	45.83 1.68 0.00	62.13 4.17 -0.02	77.85 4.13 -0.02	65.07 3.91 -0.02	53.86 2.56 -0.02	47.99 1.71 0.00	41.13 1.00 0.00	34.59 0.14 0.00	29.64 -0.85 0.00
GOETHSLN___LBMP 323567	30.34 1.61 0.00	28.27 1.42 0.00	26.37 0.97 0.00	24.83 0.84 0.00	24.88 0.89 0.00	26.64 1.07 0.00	30.47 1.56 0.00	30.95 1.78 0.00	31.87 2.03 0.00	33.83 2.09 0.00	33.24 2.23 0.00	34.71 2.33 0.00	37.19 2.30 0.00	40.40 2.36 0.00	43.52 2.39 0.00	46.97 2.83 0.00	61.30 3.36 0.00	79.14 4.72 -0.71	64.52 3.36 -0.02	53.90 2.62 0.00	48.69 2.41 0.00	41.97 1.85 0.00	36.35 1.89 0.00	32.36 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	28.59 -0.14 0.00	26.60 -0.24 0.00	25.10 -0.30 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.05 -0.51 0.00	28.50 -0.40 0.00	29.11 -0.06 0.00	29.93 0.09 0.00	32.24 0.51 0.00	31.28 0.28 0.00	32.80 0.42 0.00	36.00 1.12 0.00	39.71 1.67 0.00	43.19 2.06 0.00	47.15 3.00 0.00	63.35 5.33 -0.07	80.05 6.27 -0.07	67.04 5.81 -0.10	55.61 4.26 -0.07	49.71 3.42 0.00	42.49 2.37 0.00	35.86 1.41 0.00	31.04 0.55 0.00

GOODYEAR_LAKE_HYD 323669	30.00 1.26 0.00	27.95 1.10 0.00	26.27 0.86 0.00	24.83 0.84 0.00	24.88 0.89 0.00	26.51 0.95 0.00	30.23 1.33 0.00	30.51 1.34 0.00	31.12 1.28 0.00	33.10 1.36 0.00	32.31 1.30 0.00	33.80 1.42 0.00	36.49 1.60 0.00	39.86 1.83 0.00	43.19 2.06 0.00	46.66 2.52 0.00	61.42 3.48 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.57 3.28 0.00	49.34 3.05 0.00	42.49 2.37 0.00	36.31 1.86 0.00	32.02 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.14 0.40 0.00	27.11 0.27 0.00	25.53 0.13 0.00	24.04 0.05 0.00	24.04 0.05 0.00	25.64 0.08 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.66 0.65 0.00	33.09 0.71 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.70 1.56 0.00	46.22 2.07 0.00	61.36 3.42 0.00	77.91 4.20 0.00	64.50 3.36 0.00	53.95 2.67 0.00	48.64 2.36 0.00	41.77 1.65 0.00	35.55 1.10 0.00	31.11 0.61 0.00
GOUDEY___7 23579	29.14 0.40 0.00	27.11 0.27 0.00	25.53 0.13 0.00	24.04 0.05 0.00	24.04 0.05 0.00	25.64 0.08 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.66 0.65 0.00	33.09 0.71 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.70 1.56 0.00	46.22 2.07 0.00	61.36 3.42 0.00	77.91 4.20 0.00	64.50 3.36 0.00	53.95 2.67 0.00	48.64 2.36 0.00	41.77 1.65 0.00	35.55 1.10 0.00	31.11 0.61 0.00
GOUDEY___8 23580	29.14 0.40 0.00	27.11 0.27 0.00	25.53 0.13 0.00	24.04 0.05 0.00	24.04 0.05 0.00	25.64 0.08 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.66 0.65 0.00	33.09 0.71 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.70 1.56 0.00	46.22 2.07 0.00	61.36 3.42 0.00	77.91 4.20 0.00	64.50 3.36 0.00	53.95 2.67 0.00	48.64 2.36 0.00	41.77 1.65 0.00	35.55 1.10 0.00	31.11 0.61 0.00
GOWANUS_GT1_1 24077	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_2 24078	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_3 24079	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_4 24080	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_5 24084	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_6 24111	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_7 24112	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT1_8 24113	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_1 24114	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_2 24115	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_3 24116	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30

GOWANUS_GT2_4 24117	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_5 24118	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_6 24119	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_7 24120	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT2_8 24121	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_1 24122	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_2 24123	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_3 24124	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_4 24125	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_5 24126	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_6 24127	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_7 24128	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT3_8 24129	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_1 24130	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_2 24131	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30

GOWANUS_GT4_3 24132	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_4 24133	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_5 24134	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_6 24135	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_7 24136	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GOWANUS_GT4_8 24137	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GREENBSH_115KV_TB3 55895	29.17 0.43 0.00	27.30 0.46 0.00	25.66 0.25 0.00	24.25 0.26 0.00	24.26 0.26 0.00	25.87 0.31 0.00	29.37 0.46 0.00	29.58 0.41 0.00	30.29 0.45 0.00	32.08 0.35 0.00	31.35 0.34 0.00	32.67 0.29 0.00	35.09 0.21 0.00	38.15 0.11 0.00	41.26 0.12 0.00	44.41 0.26 0.00	58.12 0.17 0.00	73.42 0.37 0.66	61.42 0.31 0.02	51.75 0.46 0.00	46.88 0.60 0.00	40.45 0.32 0.00	34.83 0.38 0.00	31.01 0.52 0.00
GREENDGE_115KV_TB5 80291	29.31 0.57 0.00	27.25 0.40 0.00	25.66 0.25 0.00	24.06 0.07 0.00	24.07 0.07 0.00	25.72 0.15 0.00	29.40 0.49 0.00	29.99 0.82 0.00	30.58 0.75 0.00	32.78 1.05 0.00	31.84 0.84 0.00	33.35 0.97 0.00	36.07 1.19 0.00	39.71 1.67 0.00	43.23 2.10 0.00	47.02 2.87 0.00	62.93 4.98 0.00	79.97 6.27 0.00	66.46 5.32 0.00	55.28 4.00 0.00	49.71 3.42 0.00	42.33 2.21 0.00	35.76 1.31 0.00	31.23 0.73 0.00
GREENIDGE___3 23582	29.31 0.57 0.00	27.25 0.40 0.00	25.66 0.25 0.00	24.06 0.07 0.00	24.07 0.07 0.00	25.72 0.15 0.00	29.40 0.49 0.00	29.99 0.82 0.00	30.58 0.75 0.00	32.78 1.05 0.00	31.84 0.84 0.00	33.35 0.97 0.00	36.07 1.19 0.00	39.71 1.67 0.00	43.23 2.10 0.00	47.02 2.87 0.00	62.93 4.98 0.00	79.97 6.27 0.00	66.46 5.32 0.00	55.28 4.00 0.00	49.71 3.42 0.00	42.33 2.21 0.00	35.76 1.31 0.00	31.23 0.73 0.00
GREENIDGE___4 23583	29.31 0.57 0.00	27.25 0.40 0.00	25.63 0.23 0.00	24.06 0.07 0.00	24.07 0.07 0.00	25.72 0.15 0.00	29.40 0.49 0.00	29.99 0.82 0.00	30.58 0.75 0.00	32.78 1.05 0.00	31.84 0.84 0.00	33.35 0.97 0.00	36.42 1.53 0.00	39.75 1.71 0.00	43.19 2.06 0.00	46.93 2.78 0.00	62.58 4.64 0.00	79.53 5.82 0.00	66.15 5.01 0.00	55.18 3.90 0.00	49.47 3.19 0.00	42.29 2.17 0.00	36.07 1.62 0.00	31.23 0.73 0.00
GREENLWN_69_KV_BK 3 55738	30.69 1.95 0.00	29.09 1.77 -0.48	26.67 1.27 0.00	25.05 1.06 0.00	25.03 1.03 0.00	26.99 1.43 0.00	30.67 1.76 0.00	31.24 2.07 0.00	33.60 2.39 -1.37	33.89 2.16 0.00	33.36 2.36 0.00	34.68 2.30 0.00	37.08 2.20 0.00	40.32 2.28 0.00	43.79 2.63 -0.02	47.10 2.96 0.00	61.54 3.59 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.80 2.51 0.00	48.64 2.36 0.00	41.85 1.73 0.00	36.00 1.55 0.00	32.91 2.10 -0.31
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30
GRISSOM___SOLAR 323813	30.89 2.16 0.00	28.86 2.01 0.00	27.11 1.70 0.00	25.60 1.61 0.00	25.65 1.65 0.00	27.41 1.84 0.00	31.16 2.26 0.00	31.10 1.92 0.00	31.54 1.70 0.00	33.38 1.65 0.00	32.56 1.55 0.00	33.96 1.59 0.00	36.63 1.74 0.00	39.86 1.83 0.00	43.19 2.06 0.00	46.62 2.47 0.00	61.42 3.48 0.00	79.07 5.82 0.46	66.69 5.56 0.01	55.85 4.56 0.00	50.68 4.40 0.00	43.61 3.49 0.00	37.34 2.89 0.00	32.94 2.44 0.00
GROVEVILLE___HYD 323602	30.37 1.64 0.00	28.35 1.50 0.00	26.45 1.04 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.74 1.18 0.00	30.52 1.62 0.00	30.86 1.69 0.00	31.81 1.97 0.00	33.73 2.00 0.00	32.96 1.95 0.00	34.19 1.81 0.00	36.70 1.81 0.00	39.86 1.83 0.00	43.23 2.10 0.00	46.71 2.56 0.00	60.90 2.96 0.00	78.40 4.13 -0.56	64.83 3.67 -0.02	54.26 2.97 0.00	49.24 2.96 0.00	42.29 2.17 0.00	36.41 1.96 0.00	32.42 1.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00

HAMLTNNY_34_KV_TB 80303	28.91 0.17 0.00	26.95 0.11 0.00	25.40 0.00 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.51 -0.05 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.84 0.00 0.00	31.83 0.10 0.00	31.04 0.03 0.00	32.48 0.10 0.00	35.16 0.28 0.00	38.49 0.46 0.00	41.83 0.70 0.00	45.21 1.06 0.00	59.82 2.03 0.15	75.94 2.58 0.35	63.34 2.20 0.00	52.87 1.59 0.00	47.62 1.34 0.00	40.89 0.76 0.00	34.86 0.41 0.00	30.59 0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.13 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.16 0.00	33.63 -1.25 0.00	36.78 -1.25 0.00	39.82 -1.32 0.00	42.73 -1.41 0.00	49.99 -2.49 5.47	57.93 -2.95 12.83	58.92 -2.08 0.14	49.64 -1.64 0.00	45.17 -1.11 0.00	39.08 -1.04 0.00	33.28 -1.17 0.00	29.31 -1.19 0.00
HARDSCRABBLE_WT_PWR 323673	28.91 0.17 0.00	26.98 0.13 0.00	25.45 0.05 0.00	24.01 0.02 0.00	24.04 0.05 0.00	25.61 0.05 0.00	29.08 0.17 0.00	29.32 0.15 0.00	29.96 0.12 0.00	31.86 0.13 0.00	31.10 0.09 0.00	32.51 0.13 0.00	35.02 0.14 0.00	38.27 0.23 0.00	41.30 0.17 0.00	44.46 0.31 0.00	58.05 0.29 0.18	73.58 0.30 0.43	61.32 0.18 0.00	51.59 0.31 0.00	46.65 0.37 0.00	40.37 0.24 0.00	34.66 0.21 0.00	30.62 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.17 1.44 0.00	28.13 1.29 0.00	26.27 0.86 0.00	24.78 0.79 0.00	24.84 0.84 0.00	26.53 0.97 0.00	30.29 1.39 0.00	30.69 1.52 0.00	31.54 1.70 0.00	33.44 1.71 0.00	32.80 1.80 0.00	34.19 1.81 0.00	36.80 1.92 0.00	39.94 1.90 0.00	43.27 2.14 0.00	46.75 2.60 0.00	61.25 3.30 0.00	78.81 4.50 -0.61	64.64 3.48 -0.02	54.05 2.77 0.00	48.83 2.55 0.00	41.97 1.85 0.00	36.14 1.69 0.00	32.17 1.68 0.00
HARSNRAD_115KV_TB1 81005	28.16 -0.57 0.00	26.12 -0.72 0.00	24.74 -0.66 0.00	23.01 -0.98 0.00	22.94 -1.06 0.00	24.59 -0.97 0.00	27.78 -1.13 0.00	28.59 -0.58 0.00	29.45 -0.39 0.00	31.92 0.19 0.00	30.60 -0.40 0.00	32.12 -0.26 0.00	35.65 0.77 0.00	39.37 1.33 0.00	42.66 1.52 0.00	46.67 2.52 0.00	63.19 5.21 -0.03	79.27 5.53 -0.03	66.13 4.95 -0.04	54.75 3.44 -0.03	48.92 2.64 0.00	41.85 1.73 0.00	35.52 1.07 0.00	30.40 -0.09 0.00
HARZA MOOSE___RIVER 24016	29.05 0.32 0.00	27.06 0.21 0.00	25.56 0.15 0.00	24.09 0.10 0.00	24.12 0.12 0.00	25.72 0.15 0.00	29.28 0.38 0.00	29.70 0.53 0.00	30.17 0.33 0.00	32.05 0.32 0.00	31.19 0.19 0.00	32.70 0.32 0.00	35.27 0.38 0.00	38.68 0.65 0.00	41.83 0.70 0.00	45.16 1.02 0.00	57.17 1.10 1.87	70.94 1.62 4.39	62.57 1.47 0.04	52.67 1.38 0.00	47.53 1.25 0.00	41.01 0.88 0.00	34.86 0.41 0.00	30.71 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.68 -0.06 0.00	26.74 -0.11 0.00	25.20 -0.20 0.00	23.75 -0.24 0.00	23.76 -0.24 0.00	25.33 -0.23 0.00	28.82 -0.09 0.00	29.08 -0.09 0.00	29.75 -0.09 0.00	31.73 0.00 0.00	30.94 -0.06 0.00	32.38 0.00 0.00	35.02 0.14 0.00	38.27 0.23 0.00	41.55 0.41 0.00	44.81 0.66 0.00	59.23 1.45 0.17	75.16 1.84 0.39	62.72 1.59 0.01	52.41 1.13 0.00	47.25 0.97 0.00	40.61 0.48 0.00	34.69 0.24 0.00	30.50 0.00 0.00
HELLGATE_13_KV_LD 55870	30.67 1.93 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.05 1.06 0.00	25.13 1.13 0.00	26.89 1.33 0.00	30.73 1.82 -0.01	31.22 2.04 -0.01	32.14 2.30 -0.01	35.81 2.38 -1.70	35.45 2.51 -1.93	40.63 2.62 -5.63	40.96 2.62 -3.46	41.29 2.70 -0.55	43.94 2.80 -0.01	47.42 3.27 -0.01	61.71 3.77 0.00	79.73 5.31 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.15 2.87 0.00	42.42 2.29 -0.01	36.70 2.24 -0.01	32.67 2.17 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.67 1.93 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.05 1.06 0.00	25.13 1.13 0.00	26.89 1.33 0.00	30.73 1.82 -0.01	31.22 2.04 -0.01	32.14 2.30 -0.01	35.81 2.38 -1.70	35.45 2.51 -1.93	40.63 2.62 -5.63	40.96 2.62 -3.46	41.29 2.70 -0.55	43.94 2.80 -0.01	47.42 3.27 -0.01	61.71 3.77 0.00	79.73 5.31 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.15 2.87 0.00	42.42 2.29 -0.01	36.70 2.24 -0.01	32.67 2.17 -0.01
HEMPSTEAD___ 23647	30.81 2.07 0.00	29.23 1.91 -0.48	26.83 1.42 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.00 1.43 -0.01	30.78 1.88 0.00	31.36 2.19 0.00	33.72 2.51 -1.37	34.11 2.38 0.00	33.70 2.70 0.00	35.06 2.69 0.00	37.43 2.55 0.00	40.70 2.66 0.00	43.92 2.67 -0.11	47.24 3.09 0.00	61.77 3.82 0.00	78.99 4.57 -0.71	64.65 3.48 -0.02	53.80 2.51 0.00	48.37 2.08 0.00	42.17 2.05 0.00	36.34 1.89 0.00	33.15 2.35 -0.31
HEWLETT_69_KV_BK3 55828	31.06 2.33 0.00	29.42 2.09 -0.48	26.98 1.58 0.00	25.36 1.37 0.00	25.36 1.37 0.00	27.30 1.74 0.00	31.04 2.14 0.00	31.53 2.36 0.00	33.90 2.69 -1.37	34.33 2.60 0.00	33.92 2.91 0.00	35.39 3.01 0.00	37.92 3.03 0.00	41.19 3.16 0.00	44.78 3.58 -0.06	48.21 4.06 0.00	63.10 5.16 0.00	80.69 6.27 -0.71	66.18 5.01 -0.02	55.18 3.90 0.00	49.89 3.61 0.00	42.93 2.81 0.00	37.07 2.62 0.00	33.52 2.71 -0.31
HICKLING___1 23621	29.71 0.98 0.00	27.57 0.72 0.00	25.96 0.56 0.00	24.30 0.31 0.00	24.28 0.29 0.00	25.97 0.41 0.00	29.69 0.78 0.00	30.43 1.25 0.00	31.06 1.22 0.00	33.38 1.65 0.00	32.43 1.43 0.00	34.00 1.62 0.00	37.15 2.27 0.00	40.97 2.93 0.00	44.59 3.46 0.00	48.52 4.37 0.00	64.21 6.26 -0.01	81.38 7.67 -0.01	67.38 6.24 -0.01	56.11 4.82 0.00	50.49 4.21 0.00	43.05 2.93 0.00	36.35 1.89 0.00	31.47 0.98 0.00
HICKLING___2 23622	29.71 0.98 0.00	27.57 0.72 0.00	25.96 0.56 0.00	24.30 0.31 0.00	24.28 0.29 0.00	25.97 0.41 0.00	29.69 0.78 0.00	30.43 1.25 0.00	31.06 1.22 0.00	33.38 1.65 0.00	32.43 1.43 0.00	34.00 1.62 0.00	37.15 2.27 0.00	40.97 2.93 0.00	44.59 3.46 0.00	48.52 4.37 0.00	64.21 6.26 -0.01	81.38 7.67 -0.01	67.38 6.24 -0.01	56.11 4.82 0.00	50.49 4.21 0.00	43.05 2.93 0.00	36.35 1.89 0.00	31.47 0.98 0.00
HIGH FALLS___HY 23754	30.32 1.58 0.00	28.24 1.40 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.93 0.94 0.00	26.64 1.07 0.00	30.44 1.53 0.00	30.80 1.63 0.00	31.69 1.85 0.00	33.57 1.84 0.00	32.93 1.92 0.00	34.29 1.91 0.00	36.87 1.99 0.00	40.09 2.05 0.00	43.48 2.34 0.00	46.97 2.83 0.00	61.54 3.59 0.00	79.13 5.09 -0.34	65.31 4.16 -0.01	54.57 3.28 0.00	49.34 3.05 0.00	42.33 2.21 0.00	36.41 1.96 0.00	32.39 1.89 0.00
HIGH_RIVER___SOLAR 323847	30.14 1.41 0.00	28.19 1.34 0.00	26.50 1.09 0.00	25.02 1.03 0.00	25.05 1.05 0.00	26.71 1.15 0.00	30.32 1.42 0.00	30.34 1.17 0.00	30.76 0.93 0.00	32.49 0.76 0.00	31.66 0.65 0.00	33.06 0.68 0.00	35.58 0.70 0.00	38.72 0.69 0.00	41.88 0.74 0.00	45.16 1.02 0.00	59.56 1.62 0.00	76.60 3.39 0.50	64.42 3.30 0.02	54.00 2.72 0.00	48.96 2.68 0.00	42.25 2.13 0.00	36.28 1.82 0.00	32.11 1.62 0.00

HILLBURN___GT 23639	30.17 1.44 0.00	28.16 1.32 0.00	26.27 0.86 0.00	24.73 0.74 0.00	24.79 0.79 0.00	26.53 0.97 0.00	30.29 1.39 0.00	30.72 1.55 0.00	31.60 1.76 0.00	33.48 1.74 0.00	32.87 1.86 0.00	34.22 1.84 0.00	36.70 1.81 0.00	39.86 1.83 0.00	43.03 1.89 0.00	46.35 2.21 0.00	60.78 2.84 0.00	78.02 3.68 -0.63	63.85 2.69 -0.02	53.44 2.15 0.00	48.13 1.85 0.00	41.69 1.56 0.00	36.04 1.59 0.00	32.14 1.65 0.00
HILLSIDE_115KV_TB1 80332	28.71 -0.03 0.00	26.71 -0.13 0.00	25.12 -0.28 0.00	23.58 -0.41 0.00	23.56 -0.43 0.00	25.18 -0.38 0.00	28.73 -0.17 0.00	29.38 0.20 0.00	30.08 0.24 0.00	32.30 0.57 0.00	31.44 0.43 0.00	32.86 0.49 0.00	35.90 1.01 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.53 2.38 0.00	62.29 4.35 0.00	78.87 5.16 0.00	65.24 4.10 -0.01	54.47 3.18 0.00	49.01 2.73 0.00	41.93 1.81 0.00	35.48 1.03 0.00	30.83 0.34 0.00
HISHELDN_WT_PWR 323625	28.59 -0.14 0.00	26.52 -0.32 0.00	24.97 -0.43 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.95 -0.61 0.00	28.27 -0.64 0.00	29.08 -0.09 0.00	29.90 0.06 0.00	32.37 0.63 0.00	31.35 0.34 0.00	32.89 0.52 0.00	36.49 1.61 0.00	40.17 2.13 0.00	43.48 2.34 0.00	47.42 3.27 -0.01	63.58 5.62 -0.01	80.28 6.56 -0.01	66.47 5.32 -0.02	55.45 4.15 -0.01	49.52 3.24 0.00	42.45 2.33 0.00	35.79 1.34 0.00	30.68 0.18 0.00
HOLTSVILLE_IC_1 23690	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.21 1.22 0.00	25.17 1.18 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.93 2.71 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.79 2.63 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
HOLTSVILLE_IC_10 23699	30.95 2.21 0.00	29.50 2.17 -0.48	27.13 1.73 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.62 2.45 0.00	34.11 2.89 -1.37	34.17 2.44 0.00	33.92 2.91 0.00	35.26 2.88 0.00	37.43 2.55 0.00	40.70 2.66 0.00	44.20 3.04 -0.02	47.50 3.35 -0.01	62.23 4.29 0.00	79.66 5.23 -0.71	65.20 4.03 -0.02	54.05 2.77 0.00	48.41 2.13 0.00	42.25 2.13 0.00	36.14 1.69 0.00	33.45 2.65 -0.31
HOLTSVILLE_IC_2 23691	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.21 1.22 0.00	25.17 1.18 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.93 2.71 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.79 2.63 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
HOLTSVILLE_IC_3 23692	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.21 1.22 0.00	25.17 1.18 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.93 2.71 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.79 2.63 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
HOLTSVILLE_IC_4 23693	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.21 1.22 0.00	25.17 1.18 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.93 2.71 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.79 2.63 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
HOLTSVILLE_IC_5 23694	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.21 1.22 0.00	25.17 1.18 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.93 2.71 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.15 2.27 0.00	40.36 2.32 0.00	43.79 2.63 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.89 1.76 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
HOLTSVILLE_IC_6 23695	30.95 2.21 0.00	29.50 2.17 -0.48	27.13 1.73 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.62 2.45 0.00	34.11 2.89 -1.37	34.17 2.44 0.00	33.92 2.91 0.00	35.26 2.88 0.00	37.43 2.55 0.00	40.70 2.66 0.00	44.20 3.04 -0.02	47.50 3.35 -0.01	62.23 4.29 0.00	79.66 5.23 -0.71	65.20 4.03 -0.02	54.05 2.77 0.00	48.41 2.13 0.00	42.25 2.13 0.00	36.14 1.69 0.00	33.45 2.65 -0.31
HOLTSVILLE_IC_7 23696	30.95 2.21 0.00	29.50 2.17 -0.48	27.13 1.73 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.62 2.45 0.00	34.11 2.89 -1.37	34.17 2.44 0.00	33.92 2.91 0.00	35.26 2.88 0.00	37.43 2.55 0.00	40.70 2.66 0.00	44.20 3.04 -0.02	47.50 3.35 -0.01	62.23 4.29 0.00	79.66 5.23 -0.71	65.20 4.03 -0.02	54.05 2.77 0.00	48.41 2.13 0.00	42.25 2.13 0.00	36.14 1.69 0.00	33.45 2.65 -0.31
HOLTSVILLE_IC_8 23697	30.95 2.21 0.00	29.50 2.17 -0.48	27.13 1.73 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.62 2.45 0.00	34.11 2.89 -1.37	34.17 2.44 0.00	33.92 2.91 0.00	35.26 2.88 0.00	37.43 2.55 0.00	40.70 2.66 0.00	44.20 3.04 -0.02	47.50 3.35 -0.01	62.23 4.29 0.00	79.66 5.23 -0.71	65.20 4.03 -0.02	54.05 2.77 0.00	48.41 2.13 0.00	42.25 2.13 0.00	36.14 1.69 0.00	33.45 2.65 -0.31
HOLTSVILLE_IC_9 23698	30.95 2.21 0.00	29.50 2.17 -0.48	27.13 1.73 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.62 2.45 0.00	34.11 2.89 -1.37	34.17 2.44 0.00	33.92 2.91 0.00	35.26 2.88 0.00	37.43 2.55 0.00	40.70 2.66 0.00	44.20 3.04 -0.02	47.50 3.35 -0.01	62.23 4.29 0.00	79.66 5.23 -0.71	65.20 4.03 -0.02	54.05 2.77 0.00	48.41 2.13 0.00	42.25 2.13 0.00	36.14 1.69 0.00	33.45 2.65 -0.31
HOMER_HL_115KV_TB2 355744	28.97 0.23 0.00	26.85 0.00 0.00	25.25 -0.15 0.00	23.58 -0.41 0.00	23.54 -0.46 0.00	25.23 -0.33 0.00	28.76 -0.14 0.00	29.70 0.53 0.00	30.50 0.66 0.00	33.03 1.30 0.00	32.09 1.09 0.00	33.61 1.23 0.00	37.22 2.34 0.00	40.62 2.59 0.00	44.18 3.04 0.00	48.17 4.02 -0.01	64.50 6.55 -0.01	81.31 7.59 -0.01	66.35 5.20 -0.02	55.71 4.41 -0.01	50.45 4.17 0.00	43.05 2.93 0.00	36.38 1.93 0.00	31.14 0.64 0.00
HOWARD_WT_PWR 323690	30.58 1.84 0.00	28.35 1.50 0.00	26.60 1.19 0.00	24.93 0.93 0.00	24.93 0.93 0.00	26.71 1.15 0.00	30.61 1.70 0.00	31.51 2.33 0.00	32.02 2.18 0.00	34.43 2.70 0.00	33.45 2.45 0.00	35.06 2.69 0.00	38.72 3.84 0.00	42.56 4.52 0.00	46.28 5.14 0.00	50.37 6.23 0.00	67.51 9.56 -0.01	85.87 12.16 -0.01	70.80 9.66 -0.01	59.08 7.79 -0.01	52.85 6.57 0.00	44.66 4.53 0.00	37.31 2.86 0.00	31.50 1.00 0.00

HQ_GEN_CEDARS 23644	28.19 -0.55 0.00	26.36 -0.48 0.00	25.25 -0.15 0.00	23.87 -0.12 0.00	23.80 -0.19 0.00	25.38 -0.18 0.00	28.50 -0.40 0.00	28.73 -0.44 0.00	29.33 -0.51 0.00	31.19 -0.54 0.00	30.48 -0.53 0.00	31.80 -0.58 0.00	34.22 -0.66 0.00	37.31 -0.72 0.00	40.23 -0.90 0.00	42.73 -1.41 0.00	43.61 -3.07 11.26	43.23 -4.05 26.43	57.49 -3.36 0.29	48.62 -2.67 0.00	43.74 -2.55 0.00	39.00 -1.12 0.00	33.59 -0.86 0.00	29.73 -0.76 0.00
HQ_GEN_CEDARS_PROXY 323590	28.05 -0.55 0.14	26.48 -0.51 -0.14	25.28 -0.13 0.00	23.87 -0.12 0.00	23.80 -0.19 0.00	25.39 -0.18 0.00	28.50 -0.40 0.00	28.73 -0.44 0.00	29.33 -0.51 0.00	31.19 -0.54 0.00	30.48 -0.53 0.00	31.80 -0.58 0.00	34.22 -0.66 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.13 -1.01 0.00	44.06 -2.66 11.22	44.06 -3.32 26.33	58.40 -2.45 0.29	49.03 -2.26 0.00	45.08 -1.20 0.00	39.20 -0.92 0.00	33.62 -0.83 0.00	29.73 -0.76 0.00
HQ_GEN_IMPORT 323601	28.19 -0.40 0.14	26.61 -0.38 -0.14	25.30 -0.10 0.00	23.89 -0.10 0.00	23.90 -0.10 0.00	26.61 -0.13 -1.17	27.39 -0.35 1.17	28.82 -0.35 0.00	29.45 -0.39 0.00	31.32 -0.41 0.00	30.64 -0.37 0.00	31.96 -0.42 0.00	34.40 -0.49 0.00	37.50 -0.53 0.00	40.60 -0.54 0.00	43.35 -0.79 0.00	57.02 -1.33 -0.40	72.97 -1.69 -0.95	59.86 -1.29 -0.01	50.16 -1.13 0.00	45.36 -0.93 0.00	39.48 -0.64 0.00	33.86 -0.59 0.00	30.01 -0.49 0.00
HQ_GEN_WHEEL 23651	28.19 -0.40 0.14	26.61 -0.38 -0.14	25.30 -0.10 0.00	23.89 -0.10 0.00	23.90 -0.10 0.00	26.61 -0.13 -1.17	27.39 -0.35 1.17	28.82 -0.35 0.00	29.45 -0.39 0.00	31.32 -0.41 0.00	30.64 -0.37 0.00	31.96 -0.42 0.00	34.40 -0.49 0.00	37.50 -0.53 0.00	40.60 -0.54 0.00	43.35 -0.79 0.00	57.02 -1.33 -0.40	72.97 -1.69 -0.95	59.86 -1.29 -0.01	50.16 -1.13 0.00	45.36 -0.93 0.00	39.48 -0.64 0.00	33.86 -0.59 0.00	30.01 -0.49 0.00
HUDSON AVE_GT_3 23810	30.55 1.81 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.08 2.24 0.00	34.05 2.32 0.00	33.49 2.48 0.00	34.97 2.59 0.00	37.47 2.58 0.00	40.70 2.66 0.00	43.85 2.71 0.00	47.37 3.22 0.00	61.77 3.82 0.00	79.73 5.31 -0.71	65.07 3.91 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.57 2.07 0.00
HUDSON AVE_GT_4 23540	30.55 1.81 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.08 2.24 0.00	34.05 2.32 0.00	33.49 2.48 0.00	34.97 2.59 0.00	37.47 2.58 0.00	40.70 2.66 0.00	43.85 2.71 0.00	47.37 3.22 0.00	61.77 3.82 0.00	79.73 5.31 -0.71	65.07 3.91 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.57 2.07 0.00
HUDSON AVE_GT_5 23657	30.55 1.81 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.08 2.24 0.00	34.05 2.32 0.00	33.49 2.48 0.00	34.97 2.59 0.00	37.47 2.58 0.00	40.70 2.66 0.00	43.85 2.71 0.00	47.37 3.22 0.00	61.77 3.82 0.00	79.73 5.31 -0.71	65.07 3.91 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.57 2.07 0.00
HUDSON_AVE_10 24168	30.55 1.81 0.00	28.40 1.56 0.00	26.47 1.07 0.00	24.93 0.94 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.58 1.68 0.00	31.13 1.95 0.00	32.05 2.21 0.00	34.02 2.28 0.00	33.46 2.45 0.00	34.94 2.56 0.00	37.43 2.55 0.00	40.66 2.62 0.00	43.81 2.67 0.00	47.28 3.13 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	65.01 3.85 -0.02	54.31 3.03 0.00	49.06 2.78 0.00	42.25 2.13 0.00	36.59 2.14 0.00	32.54 2.04 0.00
HUDSON___115KV_TB 4 355613	29.71 0.98 0.00	27.81 0.97 0.00	26.12 0.71 0.00	24.69 0.70 0.00	24.72 0.72 0.00	26.36 0.79 0.00	29.92 1.01 0.00	30.02 0.85 0.00	30.64 0.81 0.00	32.40 0.67 0.00	31.59 0.59 0.00	32.80 0.42 0.00	35.30 0.42 0.00	38.42 0.38 0.00	41.67 0.53 0.00	44.94 0.79 0.00	58.99 1.04 0.00	75.49 2.21 0.43	63.14 2.02 0.01	53.13 1.85 0.00	48.13 1.85 0.00	41.37 1.24 0.00	35.52 1.07 0.00	31.53 1.04 0.00
HUNTER MOUNT___DRP 323613	29.77 1.03 0.00	27.87 1.02 0.00	26.22 0.81 0.00	24.78 0.79 0.00	24.81 0.82 0.00	26.43 0.87 0.00	30.03 1.13 0.00	29.99 0.82 0.00	30.58 0.75 0.00	32.30 0.57 0.00	31.50 0.50 0.00	32.70 0.32 0.00	35.30 0.42 0.00	38.42 0.38 0.00	41.75 0.62 0.00	45.03 0.88 0.00	59.22 1.27 0.00	76.32 2.87 0.26	63.76 2.63 0.01	53.54 2.26 0.00	48.55 2.27 0.00	41.61 1.48 0.00	35.69 1.24 0.00	31.65 1.16 0.00
HUNTINGTON_RES_REC 323705	30.81 2.07 0.00	29.31 1.99 -0.48	26.90 1.50 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.03 1.46 -0.01	30.78 1.88 0.00	31.45 2.28 0.00	33.84 2.63 -1.37	34.05 2.32 0.00	33.64 2.63 0.00	34.94 2.56 0.00	37.19 2.30 0.00	40.43 2.40 0.00	43.87 2.71 -0.02	47.19 3.04 0.00	61.77 3.82 0.00	79.07 4.65 -0.71	64.71 3.54 -0.02	53.69 2.41 0.00	48.08 1.80 0.00	41.93 1.81 0.00	35.93 1.48 0.00	33.09 2.29 -0.31
HUNTLEY___63 23557	28.42 -0.32 0.00	26.36 -0.48 0.00	24.95 -0.46 0.00	23.20 -0.79 0.00	23.13 -0.86 0.00	24.77 -0.79 0.00	27.98 -0.92 0.00	28.85 -0.32 0.00	29.72 -0.12 0.00	32.24 0.51 0.00	31.19 0.19 0.00	32.77 0.39 0.00	36.38 1.50 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.51 3.36 0.00	64.34 6.37 -0.02	80.73 7.00 -0.02	67.16 5.99 -0.03	55.61 4.31 -0.02	49.66 3.38 0.00	42.61 2.49 0.00	35.86 1.41 0.00	30.68 0.18 0.00
HUNTLEY___64 23558	28.42 -0.32 0.00	26.36 -0.48 0.00	24.95 -0.46 0.00	23.20 -0.79 0.00	23.13 -0.86 0.00	24.77 -0.79 0.00	27.98 -0.92 0.00	28.85 -0.32 0.00	29.72 -0.12 0.00	32.24 0.51 0.00	31.19 0.19 0.00	32.77 0.39 0.00	36.38 1.50 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.51 3.36 0.00	64.34 6.37 -0.02	80.73 7.00 -0.02	67.16 5.99 -0.03	55.61 4.31 -0.02	49.66 3.38 0.00	42.61 2.49 0.00	35.86 1.41 0.00	30.68 0.18 0.00
HUNTLEY___65 23559	28.42 -0.32 0.00	26.36 -0.48 0.00	24.95 -0.46 0.00	23.20 -0.79 0.00	23.13 -0.86 0.00	24.77 -0.79 0.00	27.98 -0.92 0.00	28.85 -0.32 0.00	29.72 -0.12 0.00	32.24 0.51 0.00	31.19 0.19 0.00	32.77 0.39 0.00	36.38 1.50 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.51 3.36 0.00	64.34 6.37 -0.02	80.73 7.00 -0.02	67.16 5.99 -0.03	55.61 4.31 -0.02	49.66 3.38 0.00	42.61 2.49 0.00	35.86 1.41 0.00	30.68 0.18 0.00
HUNTLEY___66 23560	28.42 -0.32 0.00	26.36 -0.48 0.00	24.95 -0.46 0.00	23.20 -0.79 0.00	23.13 -0.86 0.00	24.77 -0.79 0.00	27.98 -0.92 0.00	28.85 -0.32 0.00	29.72 -0.12 0.00	32.24 0.51 0.00	31.19 0.19 0.00	32.77 0.39 0.00	36.38 1.50 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.51 3.36 0.00	64.34 6.37 -0.02	80.73 7.00 -0.02	67.16 5.99 -0.03	55.61 4.31 -0.02	49.66 3.38 0.00	42.61 2.49 0.00	35.86 1.41 0.00	30.68 0.18 0.00

HUNTLEY___67 23561	28.19 -0.55 0.00	26.17 -0.67 0.00	24.77 -0.64 0.00	23.03 -0.96 0.00	22.96 -1.03 0.00	24.62 -0.95 0.00	27.81 -1.10 0.00	28.62 -0.55 0.00	29.48 -0.36 0.00	31.95 0.22 0.00	30.97 -0.03 0.00	32.48 0.10 0.00	36.04 1.15 0.00	39.75 1.71 0.00	43.07 1.93 0.00	47.12 2.96 -0.01	63.75 5.79 -0.01	79.99 6.27 -0.01	66.54 5.38 -0.02	55.19 3.90 -0.01	49.29 3.01 0.00	42.21 2.09 0.00	35.48 1.03 0.00	30.37 -0.12 0.00
HUNTLEY___68 23562	28.19 -0.55 0.00	26.17 -0.67 0.00	24.77 -0.64 0.00	23.03 -0.96 0.00	22.96 -1.03 0.00	24.62 -0.95 0.00	27.81 -1.10 0.00	28.62 -0.55 0.00	29.48 -0.36 0.00	31.95 0.22 0.00	30.97 -0.03 0.00	32.48 0.10 0.00	36.04 1.15 0.00	39.75 1.71 0.00	43.07 1.93 0.00	47.12 2.96 -0.01	63.75 5.79 -0.01	79.99 6.27 -0.01	66.54 5.38 -0.02	55.19 3.90 -0.01	49.29 3.01 0.00	42.21 2.09 0.00	35.48 1.03 0.00	30.37 -0.12 0.00
HYLAND___LFG 323620	29.86 1.12 0.00	27.73 0.88 0.00	26.06 0.66 0.00	24.40 0.41 0.00	24.38 0.38 0.00	26.10 0.54 0.00	29.86 0.95 0.00	30.42 1.25 0.00	30.73 0.89 0.00	32.62 0.89 0.00	31.50 0.49 0.00	32.93 0.55 0.00	36.18 1.29 0.00	38.42 0.38 0.00	41.75 0.62 0.00	45.65 1.50 0.00	61.24 3.30 0.00	78.65 4.94 0.00	66.70 5.56 0.00	56.77 5.49 0.00	51.18 4.90 0.00	43.66 3.53 0.00	36.66 2.21 0.00	32.42 1.92 0.00
INDECK___CORINTH 23802	31.15 2.41 0.00	29.13 2.28 0.00	27.31 1.91 0.00	25.79 1.80 0.00	25.55 1.56 0.00	27.33 1.76 0.00	31.07 2.17 0.00	31.07 1.90 0.00	31.87 2.03 0.00	33.79 2.06 0.00	33.02 2.01 0.00	34.55 2.17 0.00	37.22 2.34 0.00	40.51 2.47 0.00	43.93 2.80 0.00	47.37 3.22 0.00	62.52 4.58 0.00	79.09 6.11 0.74	66.68 5.56 0.02	56.05 4.77 0.00	50.63 4.35 0.00	43.41 3.29 0.00	37.55 3.10 0.00	33.21 2.71 0.00
INDECK___ILION 23567	28.94 0.20 0.00	27.01 0.16 0.00	25.48 0.08 0.00	24.06 0.07 0.00	24.09 0.10 0.00	25.67 0.10 0.00	29.11 0.20 0.00	29.38 0.20 0.00	30.02 0.18 0.00	31.89 0.16 0.00	31.16 0.16 0.00	32.57 0.19 0.00	35.09 0.21 0.00	38.30 0.27 0.00	41.42 0.29 0.00	44.59 0.44 0.00	58.26 0.52 0.20	73.90 0.66 0.48	61.68 0.55 0.00	51.80 0.51 0.00	46.84 0.56 0.00	40.49 0.36 0.00	34.69 0.24 0.00	30.71 0.21 0.00
INDECK___OLEAN 23982	28.96 0.23 0.00	26.87 0.03 0.00	25.20 -0.20 0.00	23.58 -0.41 0.00	23.54 -0.46 0.00	25.23 -0.33 0.00	28.76 -0.14 0.00	29.70 0.53 0.00	30.49 0.66 0.00	33.03 1.30 0.00	32.09 1.08 0.00	33.61 1.23 0.00	37.29 2.41 0.00	40.74 2.70 0.00	44.10 2.96 0.00	48.04 3.89 -0.01	64.16 6.20 -0.01	81.02 7.30 -0.01	66.29 5.14 -0.02	55.55 4.25 -0.01	50.08 3.80 0.00	43.01 2.89 0.00	36.41 1.96 0.00	31.17 0.67 0.00
INDECK___OSWEGO 23783	28.33 -0.40 0.00	26.41 -0.43 0.00	24.90 -0.51 0.00	23.51 -0.48 0.00	23.52 -0.48 0.00	25.05 -0.51 0.00	28.41 -0.49 0.00	28.59 -0.58 0.00	29.21 -0.63 0.00	31.13 -0.60 0.00	30.39 -0.62 0.00	31.76 -0.62 0.00	34.32 -0.56 0.00	37.54 -0.50 0.00	40.64 -0.49 0.00	43.40 -0.75 0.00	56.89 -0.69 0.36	71.98 -0.88 0.84	60.46 -0.67 0.01	50.67 -0.61 0.00	45.68 -0.60 0.00	39.76 -0.36 0.00	34.04 -0.41 0.00	29.98 -0.52 0.00
INDECK___YERKES 23781	28.45 -0.29 0.00	26.39 -0.46 0.00	24.90 -0.51 0.00	23.22 -0.77 0.00	23.15 -0.84 0.00	24.82 -0.74 0.00	28.01 -0.90 0.00	28.88 -0.29 0.00	29.75 -0.09 0.00	32.27 0.54 0.00	31.22 0.22 0.00	32.80 0.42 0.00	36.56 1.67 0.00	40.40 2.36 0.00	43.64 2.51 0.00	47.46 3.31 0.00	63.81 5.85 -0.02	80.44 6.71 -0.02	66.73 5.56 -0.03	55.51 4.21 -0.02	49.43 3.15 0.00	42.61 2.49 0.00	35.96 1.51 0.00	30.71 0.21 0.00
INDIAN POINT_GT_1 24139	30.26 1.52 0.00	28.19 1.34 0.00	26.32 0.91 0.00	24.81 0.82 0.00	24.84 0.84 0.00	26.59 1.02 0.00	30.35 1.45 0.00	30.80 1.63 0.00	31.66 1.82 0.00	33.60 1.87 0.00	32.96 1.95 0.00	34.39 2.01 0.00	36.87 1.99 0.00	40.01 1.98 0.00	43.23 2.10 0.00	46.66 2.52 0.00	61.01 3.07 0.00	78.53 4.13 -0.70	64.28 3.12 -0.02	53.75 2.46 0.00	48.60 2.31 0.00	41.85 1.73 0.00	36.14 1.69 0.00	32.20 1.71 0.00
INDIAN POINT_GT_2 23659	30.26 1.52 0.00	28.19 1.34 0.00	26.32 0.91 0.00	24.81 0.82 0.00	24.84 0.84 0.00	26.59 1.02 0.00	30.35 1.45 0.00	30.80 1.63 0.00	31.66 1.82 0.00	33.60 1.87 0.00	32.96 1.95 0.00	34.39 2.01 0.00	36.87 1.99 0.00	40.01 1.98 0.00	43.23 2.10 0.00	46.66 2.52 0.00	61.01 3.07 0.00	78.53 4.13 -0.70	64.28 3.12 -0.02	53.75 2.46 0.00	48.60 2.31 0.00	41.85 1.73 0.00	36.14 1.69 0.00	32.20 1.71 0.00
INDIAN POINT_GT_3 24019	30.26 1.52 0.00	28.19 1.34 0.00	26.32 0.91 0.00	24.81 0.82 0.00	24.84 0.84 0.00	26.59 1.02 0.00	30.35 1.45 0.00	30.80 1.63 0.00	31.66 1.82 0.00	33.60 1.87 0.00	32.96 1.95 0.00	34.39 2.01 0.00	36.87 1.99 0.00	40.01 1.98 0.00	43.23 2.10 0.00	46.66 2.52 0.00	61.01 3.07 0.00	78.53 4.13 -0.70	64.28 3.12 -0.02	53.75 2.46 0.00	48.60 2.31 0.00	41.85 1.73 0.00	36.14 1.69 0.00	32.20 1.71 0.00
INDIAN POINT___2 23530	30.20 1.46 0.00	28.16 1.32 0.00	26.29 0.89 0.00	24.76 0.77 0.00	24.81 0.82 0.00	26.53 0.97 0.00	30.29 1.39 0.00	30.75 1.57 0.00	31.60 1.76 0.00	33.51 1.78 0.00	32.90 1.89 0.00	34.29 1.91 0.00	36.73 1.85 0.00	39.90 1.86 0.00	42.99 1.85 0.00	46.31 2.16 0.00	60.67 2.72 0.00	77.92 3.54 -0.67	63.73 2.57 -0.02	53.34 2.05 0.00	48.08 1.80 0.00	41.65 1.52 0.00	36.04 1.59 0.00	32.14 1.65 0.00
INDIAN POINT___3 23531	30.20 1.47 0.00	28.13 1.29 0.00	26.27 0.86 0.00	24.76 0.77 0.00	24.81 0.82 0.00	26.56 1.00 0.00	30.29 1.39 0.00	30.75 1.58 0.00	31.60 1.76 0.00	33.51 1.78 0.00	32.87 1.86 0.00	34.29 1.91 0.00	36.77 1.88 0.00	39.90 1.86 0.00	43.11 1.97 0.00	46.49 2.34 0.00	60.78 2.84 0.00	78.32 3.91 -0.70	64.04 2.87 -0.02	53.59 2.31 0.00	48.46 2.18 0.00	41.73 1.60 0.00	36.04 1.58 0.00	32.14 1.65 0.00
INGHAM_C_115KV_TB7 356103	28.82 0.09 0.00	26.90 0.05 0.00	25.38 -0.03 0.00	23.94 -0.05 0.00	23.97 -0.02 0.00	25.54 -0.03 0.00	28.99 0.09 0.00	29.23 0.06 0.00	29.87 0.03 0.00	31.73 0.00 0.00	31.01 0.00 0.00	32.38 0.00 0.00	34.92 0.03 0.00	38.11 0.08 0.00	41.18 0.04 0.00	44.37 0.22 0.00	57.80 0.06 0.20	73.38 0.15 0.48	61.26 0.12 0.00	51.44 0.15 0.00	46.65 0.37 0.00	40.28 0.16 0.00	34.55 0.10 0.00	30.56 0.06 0.00
IP CORINTH___1 23988	31.15 2.41 0.00	29.10 2.26 0.00	27.31 1.91 0.00	25.79 1.80 0.00	25.55 1.56 0.00	27.33 1.76 0.00	31.07 2.17 0.00	31.07 1.90 0.00	31.87 2.03 0.00	33.79 2.06 0.00	33.02 2.02 0.00	34.52 2.14 0.00	37.22 2.34 0.00	40.51 2.47 0.00	44.01 2.88 0.00	47.50 3.36 0.00	62.64 4.69 0.00	79.31 6.34 0.74	66.92 5.81 0.02	56.26 4.97 0.00	50.86 4.58 0.00	43.45 3.33 0.00	37.55 3.10 0.00	33.21 2.71 0.00

IP__TICONDEROGA 23804	32.73 3.99 0.00	30.58 3.73 0.00	28.68 3.28 0.00	27.04 3.05 0.00	26.87 2.88 0.00	28.78 3.22 0.00	32.69 3.79 0.00	33.28 4.11 0.00	34.17 4.33 0.00	36.27 4.54 0.00	35.41 4.40 0.00	37.04 4.66 0.00	40.08 5.20 0.00	43.59 5.55 0.00	47.68 6.54 0.00	51.52 7.37 0.00	68.43 10.49 0.00	87.20 14.23 0.74	74.26 13.14 0.02	62.36 11.08 0.00	56.42 10.14 0.00	47.75 7.62 0.00	40.93 6.48 0.00	35.92 5.43 0.00
ISLIP_RES_REC 323679	31.09 2.36 0.00	29.66 2.33 -0.48	27.26 1.85 0.00	25.43 1.44 0.00	25.39 1.39 0.00	27.28 1.71 -0.01	31.10 2.20 0.00	31.80 2.63 0.00	34.29 3.07 -1.37	34.40 2.67 0.00	34.20 3.19 0.00	35.55 3.17 0.00	37.78 2.89 0.00	41.12 3.08 0.00	44.66 3.49 -0.03	47.99 3.84 -0.01	62.93 4.98 0.00	80.47 6.05 -0.71	65.87 4.71 -0.02	54.57 3.29 0.00	48.82 2.54 0.00	42.61 2.49 0.00	36.38 1.93 0.00	33.67 2.87 -0.31
JAMAICA__27_KV_LOAD 355505	30.86 2.13 0.00	28.62 1.77 0.00	26.67 1.27 0.00	25.07 1.08 0.00	25.12 1.13 0.00	26.94 1.38 0.00	30.84 1.94 0.00	31.42 2.25 0.00	32.37 2.54 0.00	34.33 2.60 0.00	33.83 2.82 0.00	35.32 2.95 0.00	37.85 2.97 0.00	41.16 3.12 0.00	44.30 3.17 0.00	47.85 3.71 0.00	62.46 4.52 0.00	80.69 6.27 -0.71	65.87 4.71 -0.02	55.03 3.74 0.00	49.71 3.42 0.00	42.73 2.61 0.00	37.03 2.58 0.00	32.87 2.38 0.00
JANIS__SOLAR 323808	30.23 1.49 0.00	28.11 1.26 0.00	26.42 1.02 0.00	24.85 0.86 0.00	24.88 0.89 0.00	26.56 1.00 0.00	30.41 1.50 0.00	30.77 1.60 0.00	31.18 1.34 0.00	33.13 1.39 0.00	32.12 1.11 0.00	33.61 1.23 0.00	36.46 1.57 0.00	40.01 1.98 0.00	43.44 2.30 0.00	47.15 3.00 0.00	62.87 4.92 0.00	80.49 6.78 0.00	67.01 5.87 0.00	56.31 5.03 0.00	50.63 4.35 0.00	43.37 3.25 0.00	36.90 2.45 0.00	32.17 1.68 0.00
JARVIS____ 23743	28.91 0.17 0.00	27.01 0.16 0.00	25.48 0.08 0.00	24.06 0.07 0.00	24.09 0.10 0.00	25.67 0.10 0.00	29.08 0.17 0.00	29.35 0.18 0.00	30.02 0.18 0.00	31.92 0.19 0.00	31.16 0.16 0.00	32.57 0.20 0.00	35.06 0.18 0.00	38.27 0.23 0.00	41.34 0.21 0.00	44.46 0.31 0.00	58.17 0.41 0.18	73.80 0.52 0.43	61.50 0.37 0.00	51.65 0.36 0.00	46.61 0.33 0.00	40.37 0.24 0.00	34.66 0.21 0.00	30.71 0.21 0.00
JENNISON__1 23625	30.26 1.52 0.00	28.16 1.32 0.00	26.47 1.07 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.61 1.05 0.00	30.44 1.53 0.00	30.83 1.66 0.00	31.39 1.55 0.00	33.41 1.68 0.00	32.53 1.52 0.00	34.03 1.65 0.00	36.84 1.95 0.00	40.40 2.36 0.00	43.85 2.71 0.00	47.59 3.44 0.00	63.10 5.16 0.00	80.49 6.78 0.00	66.76 5.62 0.00	55.95 4.67 0.00	50.45 4.17 0.00	43.25 3.13 0.00	36.83 2.38 0.00	32.30 1.80 0.00
JENNISON__2 23626	30.26 1.52 0.00	28.16 1.32 0.00	26.47 1.07 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.61 1.05 0.00	30.44 1.53 0.00	30.83 1.66 0.00	31.39 1.55 0.00	33.41 1.68 0.00	32.53 1.52 0.00	34.03 1.65 0.00	36.84 1.95 0.00	40.40 2.36 0.00	43.85 2.71 0.00	47.59 3.44 0.00	63.10 5.16 0.00	80.49 6.78 0.00	66.76 5.62 0.00	55.95 4.67 0.00	50.45 4.17 0.00	43.25 3.13 0.00	36.83 2.38 0.00	32.30 1.80 0.00
JERICHO_RISE_WT_PWR 323719	28.65 -0.09 0.00	26.74 -0.11 0.00	25.63 0.23 0.00	24.21 0.22 0.00	24.12 0.12 0.00	25.69 0.13 0.00	28.85 -0.06 0.00	29.11 -0.06 0.00	29.78 -0.06 0.00	31.73 0.00 0.00	31.04 0.03 0.00	32.35 -0.03 0.00	34.78 -0.10 0.00	37.89 -0.15 0.00	41.05 -0.08 0.00	43.70 -0.44 0.00	55.61 -1.10 1.23	69.57 -1.25 2.88	60.50 -0.61 0.03	50.31 -0.98 0.00	45.45 -0.83 0.00	39.32 -0.80 0.00	33.59 -0.86 0.00	29.70 -0.79 0.00
KATONAH__115KV_46KV_TB4 355592	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.55 1.65 0.00	31.01 1.84 0.00	31.90 2.06 0.00	33.92 2.19 0.00	33.30 2.29 0.00	34.77 2.40 0.00	37.26 2.37 0.00	40.55 2.51 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.77 3.82 0.00	79.50 5.09 -0.71	65.01 3.85 -0.02	54.36 3.08 0.00	49.20 2.92 0.00	42.29 2.17 0.00	36.45 2.00 0.00	32.48 1.98 0.00
KCE_NY_1 323755	30.78 2.04 0.00	28.80 1.96 0.00	27.03 1.63 0.00	25.50 1.51 0.00	25.43 1.44 0.00	27.17 1.61 0.00	30.87 1.97 0.00	30.98 1.81 0.00	31.69 1.85 0.00	33.63 1.90 0.00	32.83 1.83 0.00	34.35 1.98 0.00	36.98 2.09 0.00	40.20 2.17 0.00	43.56 2.43 0.00	46.88 2.74 0.00	61.77 3.82 0.00	77.91 5.01 0.81	65.52 4.40 0.03	55.18 3.90 0.00	49.84 3.56 0.00	42.89 2.77 0.00	37.00 2.55 0.00	32.81 2.32 0.00
KCE_NY_6_ESR 323823	28.68 -0.06 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.39 -0.60 0.00	23.35 -0.65 0.00	25.00 -0.56 0.00	28.30 -0.61 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.55 0.82 0.00	31.59 0.59 0.00	33.15 0.78 0.00	36.91 2.02 0.00	40.74 2.70 0.00	44.06 2.92 0.00	48.08 3.93 -0.01	64.56 6.60 -0.02	81.39 7.67 -0.02	67.27 6.11 -0.02	56.07 4.77 -0.02	50.08 3.80 0.00	42.97 2.85 0.00	36.17 1.72 0.00	30.92 0.43 0.00
KEDC_PORT_JEFF_GT2 24210	30.89 2.16 0.00	29.44 2.12 -0.48	27.05 1.65 0.00	25.26 1.27 0.00	25.22 1.22 0.00	27.10 1.53 -0.01	30.87 1.97 0.00	31.56 2.39 0.00	34.02 2.80 -1.37	34.11 2.38 0.00	33.86 2.85 0.00	35.13 2.75 0.00	37.26 2.37 0.00	40.47 2.44 0.00	43.96 2.80 -0.02	46.98 2.83 0.00	61.54 3.59 0.00	78.77 4.35 -0.71	64.46 3.30 -0.02	53.44 2.15 0.00	47.86 1.57 0.00	42.01 1.89 0.00	36.00 1.55 0.00	33.36 2.56 -0.31
KEDC_PORT_JEFF_GT3 24211	30.89 2.16 0.00	29.44 2.12 -0.48	27.05 1.65 0.00	25.26 1.27 0.00	25.22 1.22 0.00	27.10 1.53 -0.01	30.87 1.97 0.00	31.56 2.39 0.00	34.02 2.80 -1.37	34.11 2.38 0.00	33.86 2.85 0.00	35.13 2.75 0.00	37.26 2.37 0.00	40.47 2.44 0.00	43.96 2.80 -0.02	46.98 2.83 0.00	61.54 3.59 0.00	78.77 4.35 -0.71	64.46 3.30 -0.02	53.44 2.15 0.00	47.86 1.57 0.00	42.01 1.89 0.00	36.00 1.55 0.00	33.36 2.56 -0.31
KEDC_GLWD_GT4 24219	30.95 2.21 0.00	29.36 2.04 -0.48	26.95 1.55 0.00	25.28 1.29 0.00	25.27 1.27 0.00	27.13 1.56 -0.01	30.96 2.05 0.00	31.51 2.33 0.00	33.87 2.65 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.32 2.95 0.00	37.71 2.82 0.00	41.04 3.00 0.00	44.16 2.84 -0.19	47.41 3.27 0.00	62.06 4.11 0.00	79.36 4.94 -0.71	64.89 3.73 -0.02	54.05 2.77 0.00	48.50 2.22 0.00	42.53 2.41 0.00	36.62 2.17 0.00	33.33 2.53 -0.31
KEDC_GLWD_GT5 24220	30.95 2.21 0.00	29.36 2.04 -0.48	26.95 1.55 0.00	25.28 1.29 0.00	25.27 1.27 0.00	27.13 1.56 -0.01	30.96 2.05 0.00	31.51 2.33 0.00	33.87 2.65 -1.37	34.30 2.57 0.00	33.92 2.91 0.00	35.32 2.95 0.00	37.71 2.82 0.00	41.04 3.00 0.00	44.16 2.84 -0.19	47.41 3.27 0.00	62.06 4.11 0.00	79.36 4.94 -0.71	64.89 3.73 -0.02	54.05 2.77 0.00	48.50 2.22 0.00	42.53 2.41 0.00	36.62 2.17 0.00	33.33 2.53 -0.31

KENSICO____ 23655	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.85 0.86 0.00	24.91 0.91 0.00	26.66 1.10 0.00	30.44 1.53 0.00	30.89 1.72 0.00	31.78 1.94 0.00	33.70 1.97 0.00	33.11 2.11 0.00	34.52 2.14 0.00	37.01 2.13 0.00	40.20 2.17 0.00	43.40 2.26 0.00	46.84 2.69 0.00	61.19 3.24 0.00	78.84 4.42 -0.71	64.40 3.24 -0.02	53.90 2.62 0.00	48.73 2.45 0.00	41.97 1.85 0.00	36.24 1.79 0.00	32.33 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.90 0.91 0.00	24.98 0.98 0.00	26.69 1.12 0.00	30.47 1.56 0.00	30.80 1.63 0.00	31.66 1.82 0.00	33.54 1.81 0.00	32.87 1.86 0.00	34.22 1.85 0.00	36.84 1.95 0.00	40.01 1.98 0.00	43.40 2.26 0.00	46.93 2.78 0.00	61.48 3.53 0.00	79.18 5.09 -0.38	65.37 4.22 -0.01	54.62 3.33 0.00	49.43 3.15 0.00	42.37 2.25 0.00	36.48 2.03 0.00	32.42 1.92 0.00
KIAC_JFK_GT1 23816	30.69 1.95 0.00	28.46 1.61 0.00	26.52 1.12 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.79 1.23 0.00	30.67 1.76 0.00	31.24 2.07 0.00	32.20 2.36 0.00	34.02 2.28 0.00	33.49 2.48 0.00	35.00 2.62 0.00	37.47 2.58 0.00	40.74 2.70 0.00	43.85 2.71 0.00	47.37 3.22 0.00	61.77 3.82 0.00	79.88 5.45 -0.71	65.14 3.97 -0.02	54.41 3.13 0.00	49.15 2.87 0.00	42.29 2.17 0.00	36.66 2.20 0.00	32.69 2.20 0.00
KIAC_JFK_GT2 23817	30.69 1.95 0.00	28.46 1.61 0.00	26.52 1.12 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.79 1.23 0.00	30.67 1.76 0.00	31.24 2.07 0.00	32.20 2.36 0.00	34.02 2.28 0.00	33.49 2.48 0.00	35.00 2.62 0.00	37.47 2.58 0.00	40.74 2.70 0.00	43.85 2.71 0.00	47.37 3.22 0.00	61.77 3.82 0.00	79.88 5.45 -0.71	65.14 3.97 -0.02	54.41 3.13 0.00	49.15 2.87 0.00	42.29 2.17 0.00	36.66 2.20 0.00	32.69 2.20 0.00
KIAC_JFK____ 323774	30.66 1.93 0.00	28.48 1.64 0.00	26.55 1.14 0.00	24.93 0.93 0.00	24.98 0.98 0.00	26.79 1.23 0.00	30.67 1.76 0.00	31.24 2.07 0.00	32.20 2.36 0.00	34.02 2.29 0.00	33.49 2.48 0.00	34.97 2.59 0.00	37.40 2.51 0.00	40.70 2.66 0.00	43.69 2.55 0.00	47.15 3.00 0.00	61.60 3.65 0.00	79.36 4.94 -0.71	64.65 3.48 -0.02	54.15 2.87 0.00	48.73 2.45 0.00	42.17 2.05 0.00	36.62 2.17 0.00	32.66 2.17 0.00
KINTIGH____ 23543	27.96 -0.78 0.00	25.99 -0.86 0.00	24.59 -0.81 0.00	22.93 -1.06 0.00	22.87 -1.13 0.00	24.49 -1.07 0.00	27.72 -1.19 0.00	28.38 -0.79 0.00	29.24 -0.60 0.00	31.60 -0.13 0.00	30.63 -0.37 0.00	32.12 -0.26 0.00	35.41 0.52 0.00	38.99 0.95 0.00	42.29 1.15 0.00	46.22 2.07 0.00	62.47 4.52 0.00	78.58 4.86 0.00	65.79 4.65 -0.01	54.42 3.13 0.00	48.50 2.22 0.00	41.53 1.40 0.00	35.00 0.55 0.00	30.10 -0.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.34 0.60 0.00	27.38 0.54 0.00	26.22 0.81 0.00	24.76 0.77 0.00	24.64 0.65 0.00	26.30 0.74 0.00	29.63 0.72 0.00	29.87 0.70 0.00	30.52 0.69 0.00	32.56 0.83 0.00	31.84 0.84 0.00	33.16 0.78 0.00	35.69 0.80 0.00	38.87 0.84 0.00	40.39 -0.74 0.00	41.50 -2.65 0.00	53.29 -3.88 0.78	67.02 -4.86 1.82	57.08 -4.04 0.02	47.90 -3.38 0.00	42.90 -3.38 0.00	38.64 -1.48 0.00	34.45 0.00 0.00	30.40 -0.09 0.00
LACHUTE__HYDRO 323717	32.73 3.99 0.00	30.60 3.76 0.00	28.68 3.28 0.00	27.04 3.05 0.00	26.87 2.88 0.00	28.78 3.22 0.00	32.69 3.79 0.00	33.29 4.11 0.00	34.16 4.33 0.00	36.27 4.54 0.00	35.41 4.40 0.00	37.04 4.66 0.00	40.08 5.20 0.00	43.63 5.59 0.00	47.59 6.46 0.00	51.39 7.24 0.00	68.31 10.37 0.00	86.98 14.01 0.74	73.96 12.84 0.02	62.10 10.82 0.00	56.14 9.86 0.00	47.66 7.54 0.00	40.92 6.47 0.00	35.92 5.43 0.00
LAWRNCV_115KV_TB1 80681	27.76 -0.98 0.00	25.96 -0.89 0.00	24.87 -0.53 0.00	23.51 -0.48 0.00	23.40 -0.60 0.00	24.92 -0.64 0.00	28.04 -0.87 0.00	28.24 -0.93 0.00	28.76 -1.07 0.00	30.59 -1.14 0.00	29.89 -1.12 0.00	31.18 -1.20 0.00	33.52 -1.36 0.00	36.59 -1.45 0.00	39.41 -1.73 0.00	41.81 -2.34 0.00	44.77 -4.29 8.88	47.33 -5.53 20.85	56.45 -4.46 0.23	47.75 -3.54 0.00	42.95 -3.33 0.00	38.24 -1.89 0.00	32.93 -1.52 0.00	29.15 -1.34 0.00
LEDERLE____ 23769	30.26 1.52 0.00	28.21 1.37 0.00	26.32 0.91 0.00	24.81 0.82 0.00	24.86 0.86 0.00	26.61 1.05 0.00	30.38 1.47 0.00	30.80 1.63 0.00	31.69 1.85 0.00	33.57 1.84 0.00	32.96 1.95 0.00	34.32 1.94 0.00	36.87 1.99 0.00	40.01 1.98 0.00	43.27 2.14 0.00	46.71 2.56 0.00	61.13 3.19 0.00	78.71 4.35 -0.65	64.46 3.30 -0.02	53.85 2.56 0.00	48.69 2.41 0.00	41.89 1.77 0.00	36.14 1.69 0.00	32.23 1.74 0.00
LIGHTHSE_115KV_TB6 355974	28.48 -0.26 0.00	26.52 -0.32 0.00	25.02 -0.38 0.00	23.61 -0.38 0.00	23.61 -0.38 0.00	25.18 -0.38 0.00	28.59 -0.32 0.00	28.76 -0.41 0.00	29.30 -0.54 0.00	31.26 -0.48 0.00	30.51 -0.50 0.00	31.93 -0.45 0.00	34.50 -0.38 0.00	37.77 -0.27 0.00	40.85 -0.29 0.00	44.01 -0.13 0.00	57.17 0.12 0.89	71.92 0.29 2.09	61.61 0.49 0.02	51.69 0.41 0.00	46.60 0.32 0.00	40.24 0.12 0.00	34.35 -0.10 0.00	30.19 -0.30 0.00
LINDEN COGEN____ 23786	30.31 1.58 0.00	28.29 1.45 0.00	26.37 0.97 0.00	24.81 0.82 0.00	24.86 0.86 0.00	26.64 1.07 0.00	30.44 1.53 0.00	30.95 1.78 0.00	31.87 2.03 0.00	33.82 2.09 0.00	33.24 2.23 0.00	34.68 2.30 0.00	37.08 2.20 0.00	40.32 2.28 0.00	43.31 2.18 0.00	46.75 2.60 0.00	61.07 3.13 0.00	78.62 4.20 -0.71	64.04 2.87 -0.02	53.59 2.31 0.00	48.22 1.94 0.00	41.81 1.68 0.00	36.28 1.82 0.00	32.33 1.83 0.00
LINDHRST_69_KV_BK1 356055	31.21 2.47 0.00	29.60 2.28 -0.48	27.13 1.73 0.00	25.45 1.46 0.00	25.44 1.44 0.00	27.48 1.92 0.00	31.16 2.25 0.00	31.80 2.63 0.00	34.20 2.98 -1.37	34.46 2.73 0.00	34.11 3.10 0.00	35.55 3.17 0.00	37.99 3.10 0.00	41.27 3.23 0.00	44.88 3.70 -0.05	48.21 4.06 -0.01	62.93 4.98 0.00	80.54 6.12 -0.71	65.99 4.83 -0.02	55.13 3.85 0.00	49.94 3.66 0.00	42.97 2.85 0.00	36.90 2.45 0.00	33.64 2.84 -0.31
LIPA_MISC_IPP 23656	30.75 2.01 0.00	29.36 2.04 -0.48	26.93 1.52 0.00	25.19 1.20 0.00	25.15 1.15 0.00	27.28 1.71 0.00	30.78 1.88 0.00	31.45 2.28 0.00	33.96 2.75 -1.37	33.92 2.19 0.00	33.70 2.70 0.00	35.16 2.78 0.00	37.47 2.58 0.00	40.66 2.62 0.00	44.32 3.17 -0.02	47.59 3.44 0.00	62.29 4.35 0.00	79.88 5.45 -0.71	65.38 4.22 -0.02	54.46 3.18 0.00	49.24 2.96 0.00	42.41 2.29 0.00	36.28 1.83 0.00	33.27 2.47 -0.31
LISF__SOLAR 323691	30.78 2.04 0.00	29.44 2.12 -0.48	27.08 1.68 0.00	25.24 1.25 0.00	25.19 1.20 0.00	27.05 1.48 -0.01	30.81 1.91 0.00	31.51 2.33 0.00	34.02 2.80 -1.37	33.98 2.25 0.00	33.76 2.76 0.00	35.13 2.75 0.00	37.26 2.37 0.00	40.51 2.47 0.00	43.99 2.84 -0.02	47.37 3.22 0.00	62.12 4.17 0.00	79.50 5.08 -0.71	65.13 3.97 -0.02	54.00 2.72 0.00	48.32 2.03 0.00	42.13 2.01 0.00	35.96 1.51 0.00	33.33 2.53 -0.31

LITTLE FALLS___HYD 24013	28.82 0.09 0.00	26.90 0.05 0.00	25.38 -0.03 0.00	23.94 -0.05 0.00	23.97 -0.02 0.00	25.54 -0.03 0.00	28.99 0.09 0.00	29.23 0.06 0.00	29.87 0.03 0.00	31.73 0.00 0.00	31.01 0.00 0.00	32.38 0.00 0.00	34.92 0.03 0.00	38.11 0.08 0.00	41.18 0.04 0.00	44.37 0.22 0.00	57.80 0.06 0.20	73.38 0.15 0.48	61.26 0.12 0.00	51.44 0.15 0.00	46.65 0.37 0.00	40.28 0.16 0.00	34.55 0.10 0.00	30.56 0.06 0.00
LITTLRIV_115KV_TB1 356100	28.05 -0.69 0.00	26.20 -0.64 0.00	25.12 -0.28 0.00	23.75 -0.24 0.00	23.64 -0.36 0.00	25.23 -0.33 0.00	28.38 -0.52 0.00	28.53 -0.64 0.00	29.03 -0.81 0.00	30.84 -0.89 0.00	30.08 -0.93 0.00	31.37 -1.00 0.00	33.77 -1.12 0.00	36.90 -1.14 0.00	39.74 -1.40 0.00	42.20 -1.94 0.00	45.80 -3.65 8.49	49.07 -4.72 19.92	57.19 -3.73 0.22	48.51 -2.77 0.00	43.64 -2.64 0.00	38.76 -1.36 0.00	33.35 -1.10 0.00	29.46 -1.04 0.00
LI_NEWBRDGE___DRP 323616	30.63 1.90 0.00	29.07 1.74 -0.48	26.65 1.24 0.00	25.05 1.06 0.00	25.03 1.03 0.00	26.97 1.41 0.00	30.64 1.73 0.00	31.21 2.04 0.00	33.54 2.33 -1.37	33.89 2.16 0.00	33.42 2.42 0.00	34.81 2.43 0.00	37.22 2.34 0.00	40.43 2.40 0.00	43.81 2.67 0.00	47.19 3.05 0.00	61.59 3.65 0.00	78.92 4.50 -0.71	64.65 3.48 -0.02	53.95 2.67 0.00	48.83 2.55 0.00	42.09 1.97 0.00	36.28 1.83 0.00	32.97 2.17 -0.31
LOCKPORT_115KV_TB60_63_64 80432	28.19 -0.55 0.00	26.15 -0.70 0.00	24.74 -0.66 0.00	23.03 -0.96 0.00	22.96 -1.03 0.00	24.59 -0.97 0.00	27.81 -1.10 0.00	28.62 -0.55 0.00	29.48 -0.36 0.00	31.95 0.22 0.00	30.73 -0.28 0.00	32.25 -0.13 0.00	35.79 0.91 0.00	39.56 1.52 0.00	42.86 1.73 0.00	46.89 2.74 0.00	63.54 5.56 -0.03	79.71 5.97 -0.03	66.44 5.26 -0.04	55.06 3.74 -0.03	49.15 2.87 0.00	42.05 1.93 0.00	35.59 1.14 0.00	30.43 -0.06 0.00
LOCKPORT___CC1 323769	28.16 -0.57 0.00	26.15 -0.70 0.00	24.64 -0.76 0.00	23.01 -0.98 0.00	22.94 -1.06 0.00	24.59 -0.97 0.00	27.78 -1.13 0.00	28.59 -0.58 0.00	29.45 -0.39 0.00	31.92 0.19 0.00	30.60 -0.40 0.00	32.12 -0.26 0.00	35.76 0.87 0.00	39.45 1.41 0.00	42.61 1.48 0.00	46.62 2.47 0.00	62.61 4.64 -0.03	78.90 5.16 -0.03	65.64 4.46 -0.04	54.70 3.38 -0.03	48.73 2.45 0.00	41.81 1.68 0.00	35.59 1.14 0.00	30.40 -0.09 0.00
LOCKPORT___CC2 323770	28.16 -0.57 0.00	26.15 -0.70 0.00	24.64 -0.76 0.00	23.01 -0.98 0.00	22.94 -1.06 0.00	24.59 -0.97 0.00	27.78 -1.13 0.00	28.59 -0.58 0.00	29.45 -0.39 0.00	31.92 0.19 0.00	30.60 -0.40 0.00	32.12 -0.26 0.00	35.76 0.87 0.00	39.45 1.41 0.00	42.61 1.48 0.00	46.62 2.47 0.00	62.61 4.64 -0.03	78.90 5.16 -0.03	65.64 4.46 -0.04	54.70 3.38 -0.03	48.73 2.45 0.00	41.81 1.68 0.00	35.59 1.14 0.00	30.40 -0.09 0.00
LOCKPORT___CC3 323771	28.16 -0.57 0.00	26.15 -0.70 0.00	24.64 -0.76 0.00	23.01 -0.98 0.00	22.94 -1.06 0.00	24.59 -0.97 0.00	27.78 -1.13 0.00	28.59 -0.58 0.00	29.45 -0.39 0.00	31.92 0.19 0.00	30.60 -0.40 0.00	32.12 -0.26 0.00	35.76 0.87 0.00	39.45 1.41 0.00	42.61 1.48 0.00	46.62 2.47 0.00	62.61 4.64 -0.03	78.90 5.16 -0.03	65.64 4.46 -0.04	54.70 3.38 -0.03	48.73 2.45 0.00	41.81 1.68 0.00	35.59 1.14 0.00	30.40 -0.09 0.00
LONG_LAKE_PHOENIX 24014	28.45 -0.29 0.00	26.50 -0.35 0.00	25.00 -0.41 0.00	23.58 -0.41 0.00	23.56 -0.43 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	28.76 -0.41 0.00	29.36 -0.48 0.00	31.32 -0.41 0.00	30.54 -0.47 0.00	31.96 -0.42 0.00	34.54 -0.35 0.00	37.77 -0.27 0.00	40.97 -0.16 0.00	44.15 0.00 0.00	58.15 0.46 0.25	73.70 0.59 0.60	61.74 0.61 0.01	51.59 0.31 0.00	46.51 0.23 0.00	40.08 -0.04 0.00	34.24 -0.21 0.00	30.13 -0.37 0.00
LOVETT___3 23632	30.11 1.38 0.00	28.08 1.23 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.23 1.33 0.00	30.66 1.49 0.00	31.54 1.70 0.00	33.41 1.68 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.98 3.61 -0.65	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.05 1.56 0.00
LOVETT___4 23642	30.11 1.38 0.00	28.08 1.23 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.23 1.33 0.00	30.66 1.49 0.00	31.54 1.70 0.00	33.41 1.68 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.98 3.61 -0.65	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.05 1.56 0.00
LOVETT___5 23593	30.11 1.38 0.00	28.08 1.23 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.23 1.33 0.00	30.66 1.49 0.00	31.54 1.70 0.00	33.41 1.68 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.98 3.61 -0.65	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.05 1.56 0.00
LOWER RAQUET___HYD 24057	27.61 -1.12 0.00	25.77 -1.07 0.00	24.74 -0.66 0.00	23.39 -0.60 0.00	23.25 -0.74 0.00	24.80 -0.77 0.00	27.87 -1.04 0.00	28.06 -1.11 0.00	28.59 -1.25 0.00	30.40 -1.33 0.00	29.67 -1.33 0.00	30.99 -1.39 0.00	33.31 -1.57 0.00	36.36 -1.67 0.00	39.41 -1.73 0.00	42.03 -2.12 0.00	45.84 -4.06 8.05	49.80 -5.01 18.90	57.20 -3.73 0.21	48.00 -3.28 0.00	44.06 -2.22 0.00	38.24 -1.89 0.00	32.73 -1.72 0.00	28.94 -1.55 0.00
LOWER___HUDSON 24059	29.94 1.21 0.00	28.08 1.24 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.56 1.00 0.00	30.15 1.24 0.00	30.37 1.20 0.00	31.03 1.19 0.00	32.91 1.17 0.00	32.12 1.11 0.00	33.58 1.20 0.00	36.03 1.15 0.00	39.18 1.14 0.00	42.29 1.15 0.00	45.47 1.32 0.00	59.68 1.74 0.00	74.90 2.14 0.95	62.88 1.77 0.03	53.08 1.79 0.00	47.99 1.71 0.00	41.53 1.40 0.00	35.83 1.38 0.00	31.93 1.43 0.00
LOWVILLE_115KV_TB2 356335	28.76 0.03 0.00	26.79 -0.05 0.00	25.33 -0.08 0.00	23.87 -0.12 0.00	23.90 -0.10 0.00	25.49 -0.08 0.00	29.02 0.12 0.00	29.35 0.18 0.00	29.78 -0.06 0.00	31.60 -0.13 0.00	30.79 -0.22 0.00	32.25 -0.13 0.00	34.74 -0.14 0.00	38.11 0.08 0.00	41.22 0.08 0.00	44.41 0.26 0.00	55.55 0.17 2.57	68.19 0.52 6.04	61.75 0.67 0.06	52.10 0.82 0.00	46.98 0.69 0.00	40.65 0.52 0.00	34.42 -0.03 0.00	30.28 -0.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.75 2.01 0.00	28.75 1.91 0.00	27.00 1.60 0.00	25.50 1.51 0.00	25.41 1.42 0.00	27.17 1.61 0.00	30.84 1.94 0.00	30.95 1.78 0.00	31.69 1.85 0.00	33.60 1.87 0.00	32.84 1.83 0.00	34.32 1.94 0.00	36.94 2.06 0.00	40.17 2.13 0.00	43.56 2.43 0.00	47.02 2.87 0.00	61.83 3.88 0.00	78.06 5.16 0.81	65.70 4.59 0.03	55.28 4.00 0.00	50.03 3.75 0.00	42.93 2.81 0.00	36.97 2.51 0.00	32.78 2.29 0.00

LUTHERNY_35_KV_BK2 355980	30.78 2.04 0.00	28.78 1.93 0.00	27.03 1.63 0.00	25.50 1.51 0.00	25.44 1.44 0.00	27.17 1.61 0.00	30.87 1.97 0.00	30.98 1.81 0.00	31.69 1.85 0.00	33.63 1.90 0.00	32.84 1.83 0.00	34.32 1.94 0.00	36.98 2.09 0.00	40.20 2.17 0.00	43.60 2.47 0.00	47.02 2.87 0.00	61.88 3.94 0.00	78.13 5.23 0.81	65.76 4.65 0.03	55.34 4.05 0.00	50.12 3.84 0.00	42.97 2.85 0.00	37.00 2.55 0.00	32.81 2.32 0.00
LWR___OSWEGATCHIE_HYD 23850	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.12 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.17 0.00	33.63 -1.26 0.00	36.78 -1.26 0.00	39.70 -1.44 0.00	42.47 -1.68 0.00	49.56 -2.78 5.61	57.16 -3.39 13.16	58.43 -2.57 0.14	49.39 -1.90 0.00	44.48 -1.80 0.00	38.96 -1.16 0.00	33.24 -1.21 0.00	29.31 -1.19 0.00
LYONS_FALL_HYD 23570	29.05 0.32 0.00	27.06 0.21 0.00	25.56 0.15 0.00	24.09 0.10 0.00	24.12 0.12 0.00	25.72 0.15 0.00	29.28 0.37 0.00	29.70 0.53 0.00	30.17 0.33 0.00	32.05 0.32 0.00	31.19 0.19 0.00	32.70 0.32 0.00	35.27 0.38 0.00	38.68 0.65 0.00	41.88 0.74 0.00	45.16 1.02 0.00	57.46 1.04 1.53	71.68 1.55 3.58	62.51 1.41 0.04	52.61 1.33 0.00	47.53 1.25 0.00	41.01 0.88 0.00	34.90 0.45 0.00	30.71 0.21 0.00
MADISON___COUNTY_LFGE 323628	29.60 0.86 0.00	27.57 0.72 0.00	25.99 0.58 0.00	24.49 0.50 0.00	24.52 0.53 0.00	26.15 0.59 0.00	29.80 0.90 0.00	29.93 0.76 0.00	30.52 0.69 0.00	32.49 0.76 0.00	31.66 0.65 0.00	33.12 0.74 0.00	35.79 0.91 0.00	39.18 1.14 0.00	42.49 1.36 0.00	45.87 1.72 0.00	60.95 3.19 0.18	77.42 4.13 0.42	64.49 3.36 0.01	54.10 2.82 0.00	48.83 2.55 0.00	41.97 1.85 0.00	35.79 1.34 0.00	31.50 1.01 0.00
MALONE___115KV_TB1 356076	28.53 -0.20 0.00	26.63 -0.21 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.02 0.02 0.00	25.61 0.05 0.00	28.82 -0.09 0.00	29.03 -0.15 0.00	29.66 -0.18 0.00	31.60 -0.13 0.00	30.91 -0.09 0.00	32.22 -0.16 0.00	34.64 -0.24 0.00	37.77 -0.27 0.00	40.11 -1.03 0.00	42.07 -2.07 0.00	51.60 -3.36 2.98	62.50 -4.20 7.01	57.58 -3.48 0.08	48.41 -2.87 0.00	43.41 -2.87 0.00	38.56 -1.56 0.00	33.59 -0.86 0.00	29.67 -0.82 0.00
MAPLEWOD_115KV_TB3 80458	29.60 0.86 0.00	27.70 0.86 0.00	26.04 0.64 0.00	24.59 0.60 0.00	24.60 0.60 0.00	26.25 0.69 0.00	29.80 0.90 0.00	30.02 0.85 0.00	30.70 0.87 0.00	32.52 0.79 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.76 0.72 0.00	41.96 0.82 0.00	45.16 1.02 0.00	59.16 1.22 0.00	74.69 1.70 0.72	62.58 1.47 0.02	52.77 1.49 0.00	47.76 1.48 0.00	41.17 1.04 0.00	35.42 0.96 0.00	31.53 1.04 0.00
MAPLE_RIDGE_WT_1 323574	28.39 -0.34 0.00	26.52 -0.32 0.00	25.25 -0.15 0.00	23.85 -0.14 0.00	23.83 -0.17 0.00	25.36 -0.21 0.00	28.56 -0.35 0.00	28.79 -0.38 0.00	29.45 -0.39 0.00	31.35 -0.38 0.00	30.67 -0.34 0.00	31.99 -0.39 0.00	34.43 -0.45 0.00	37.54 -0.50 0.00	40.60 -0.54 0.00	43.40 -0.75 0.00	57.06 -1.28 -0.39	73.01 -1.62 -0.93	59.93 -1.22 -0.01	50.05 -1.23 0.00	45.13 -1.16 0.00	39.04 -1.08 0.00	33.38 -1.07 0.00	29.49 -1.01 0.00
MAPLE_RIDGE_WT_2 323611	28.39 -0.34 0.00	26.52 -0.32 0.00	25.25 -0.15 0.00	23.85 -0.14 0.00	23.83 -0.17 0.00	25.36 -0.21 0.00	28.56 -0.35 0.00	28.79 -0.38 0.00	29.45 -0.39 0.00	31.35 -0.38 0.00	30.67 -0.34 0.00	31.99 -0.39 0.00	34.43 -0.45 0.00	37.54 -0.50 0.00	40.60 -0.54 0.00	43.40 -0.75 0.00	57.06 -1.28 -0.39	73.01 -1.62 -0.93	59.93 -1.22 -0.01	50.05 -1.23 0.00	45.13 -1.16 0.00	39.04 -1.08 0.00	33.38 -1.07 0.00	29.49 -1.01 0.00
MARBLE_RIVER_WT_PWR 323696	28.88 0.14 0.00	26.93 0.08 0.00	25.81 0.41 0.00	24.35 0.36 0.00	24.26 0.26 0.00	25.87 0.31 0.00	29.08 0.17 0.00	29.32 0.15 0.00	29.99 0.15 0.00	31.95 0.22 0.00	31.28 0.28 0.00	32.57 0.20 0.00	35.06 0.18 0.00	38.19 0.15 0.00	41.38 0.25 0.00	44.10 -0.04 0.00	56.92 -0.52 0.50	72.03 -0.51 1.17	61.07 -0.06 0.01	50.77 -0.51 0.00	45.82 -0.46 0.00	39.64 -0.48 0.00	33.86 -0.59 0.00	29.92 -0.58 0.00
MARSHVLE_115KV_TB1 80742	31.21 2.47 0.00	29.10 2.26 0.00	27.36 1.96 0.00	25.84 1.85 0.00	25.89 1.90 0.00	27.66 2.10 0.00	31.45 2.54 0.00	31.27 2.10 0.00	31.57 1.73 0.00	33.38 1.65 0.00	32.53 1.52 0.00	33.93 1.55 0.00	36.66 1.78 0.00	39.94 1.90 0.00	43.36 2.22 0.00	46.88 2.74 0.00	61.71 3.77 0.00	80.30 7.00 0.41	67.91 6.79 0.01	56.77 5.49 0.00	51.65 5.37 0.00	44.34 4.21 0.00	37.86 3.41 0.00	33.30 2.81 0.00
MARSH_HILL_WT_PWR 323713	30.60 1.87 0.00	28.37 1.53 0.00	26.62 1.22 0.00	24.95 0.96 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.64 1.73 0.00	31.53 2.36 0.00	32.05 2.21 0.00	34.46 2.73 0.00	33.49 2.48 0.00	35.10 2.72 0.00	38.72 3.84 0.00	42.60 4.56 0.00	46.28 5.14 0.00	50.37 6.23 0.00	67.51 9.56 -0.01	85.88 12.16 -0.01	70.87 9.72 -0.01	59.14 7.85 -0.01	52.90 6.62 0.00	44.70 4.57 0.00	37.31 2.86 0.00	31.47 0.98 0.00
MCINTYRE_115KV_TB2 80467	28.36 -0.37 0.00	26.50 -0.35 0.00	25.43 0.03 0.00	24.01 0.02 0.00	23.95 -0.05 0.00	25.54 -0.03 0.00	28.73 -0.17 0.00	28.85 -0.32 0.00	29.33 -0.51 0.00	31.16 -0.57 0.00	30.35 -0.65 0.00	31.67 -0.71 0.00	34.08 -0.80 0.00	37.20 -0.84 0.00	40.11 -1.03 0.00	42.60 -1.55 0.00	45.76 -3.07 9.11	48.42 -3.91 21.38	57.91 -3.00 0.23	49.18 -2.10 0.00	44.29 -1.99 0.00	39.32 -0.80 0.00	33.83 -0.62 0.00	29.89 -0.61 0.00
MECO_____69_KV_BK1 80468	31.47 2.73 0.00	29.37 2.52 0.00	27.59 2.18 0.00	26.08 2.09 0.00	26.11 2.11 0.00	27.92 2.35 0.00	31.77 2.86 0.00	31.68 2.51 0.00	32.14 2.30 0.00	33.98 2.25 0.00	33.11 2.11 0.00	34.55 2.17 0.00	37.29 2.41 0.00	40.59 2.55 0.00	44.10 2.96 0.00	47.68 3.53 0.00	62.98 5.04 0.00	81.29 8.03 0.45	68.71 7.58 0.01	57.49 6.21 0.00	52.20 5.92 0.00	44.66 4.53 0.00	38.14 3.69 0.00	33.55 3.05 0.00
MENANDS___115KV_TB5 355628	29.40 0.66 0.00	27.54 0.70 0.00	25.89 0.48 0.00	24.45 0.46 0.00	24.45 0.46 0.00	26.10 0.54 0.00	29.60 0.69 0.00	29.81 0.64 0.00	30.50 0.66 0.00	32.33 0.60 0.00	31.59 0.59 0.00	32.96 0.58 0.00	35.41 0.52 0.00	38.49 0.46 0.00	41.63 0.49 0.00	44.81 0.66 0.00	58.70 0.75 0.00	74.03 1.03 0.71	61.97 0.86 0.02	52.26 0.97 0.00	47.30 1.02 0.00	40.81 0.68 0.00	35.11 0.65 0.00	31.29 0.79 0.00
MG INDUSTRY___DRP 24185	29.45 0.72 0.00	27.57 0.72 0.00	25.94 0.53 0.00	24.54 0.55 0.00	24.55 0.55 0.00	26.15 0.59 0.00	29.66 0.75 0.00	29.84 0.67 0.00	30.47 0.63 0.00	32.27 0.54 0.00	31.47 0.47 0.00	32.80 0.42 0.00	35.23 0.35 0.00	38.34 0.30 0.00	41.46 0.33 0.00	44.63 0.49 0.00	58.58 0.64 0.00	74.44 1.11 0.38	62.17 1.04 0.01	52.41 1.13 0.00	47.44 1.16 0.00	40.97 0.84 0.00	35.21 0.76 0.00	31.32 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.12 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.17 0.00	33.63 -1.26 0.00	36.78 -1.26 0.00	39.70 -1.44 0.00	42.47 -1.68 0.00	49.56 -2.78 5.61	57.16 -3.39 13.16	58.43 -2.57 0.14	49.39 -1.90 0.00	44.48 -1.80 0.00	38.96 -1.16 0.00	33.24 -1.21 0.00	29.31 -1.19 0.00
MID___RAQUETTE_HYD 23851	27.61 -1.12 0.00	25.83 -1.02 0.00	24.74 -0.66 0.00	23.39 -0.60 0.00	23.25 -0.74 0.00	24.80 -0.77 0.00	27.86 -1.04 0.00	28.06 -1.11 0.00	28.59 -1.25 0.00	30.40 -1.33 0.00	29.67 -1.33 0.00	30.99 -1.39 0.00	33.31 -1.57 0.00	36.36 -1.67 0.00	39.12 -2.02 0.00	41.50 -2.65 0.00	45.18 -4.64 8.13	48.66 -5.97 19.07	56.10 -4.83 0.21	47.44 -3.85 0.00	42.67 -3.61 0.00	38.00 -2.13 0.00	32.73 -1.72 0.00	28.94 -1.56 0.00
MILLIKEN___1 23584	29.48 0.75 0.00	27.46 0.62 0.00	25.86 0.46 0.00	24.33 0.34 0.00	24.33 0.34 0.00	25.95 0.38 0.00	29.60 0.69 0.00	30.02 0.85 0.00	30.58 0.75 0.00	32.59 0.86 0.00	31.72 0.71 0.00	33.19 0.81 0.00	35.93 1.05 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.31 2.16 0.00	61.59 3.65 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.46 3.18 0.00	49.10 2.82 0.00	42.05 1.93 0.00	35.79 1.34 0.00	31.32 0.82 0.00
MILLIKEN___2 23585	29.48 0.75 0.00	27.46 0.62 0.00	25.86 0.46 0.00	24.33 0.34 0.00	24.33 0.34 0.00	25.95 0.38 0.00	29.60 0.69 0.00	30.02 0.85 0.00	30.58 0.75 0.00	32.59 0.86 0.00	31.72 0.71 0.00	33.19 0.81 0.00	35.93 1.05 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.31 2.16 0.00	61.59 3.65 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.46 3.18 0.00	49.10 2.82 0.00	42.05 1.93 0.00	35.79 1.34 0.00	31.32 0.82 0.00
MILLIKEN___DIESEL 23629	29.48 0.75 0.00	27.46 0.62 0.00	25.86 0.46 0.00	24.33 0.34 0.00	24.33 0.34 0.00	25.95 0.38 0.00	29.60 0.69 0.00	30.02 0.85 0.00	30.58 0.75 0.00	32.59 0.86 0.00	31.72 0.71 0.00	33.19 0.81 0.00	35.93 1.05 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.31 2.16 0.00	61.59 3.65 0.00	78.50 4.79 0.00	65.17 4.04 0.00	54.46 3.18 0.00	49.10 2.82 0.00	42.05 1.93 0.00	35.79 1.34 0.00	31.32 0.82 0.00
MILLSEAT___LFGE 323607	28.62 -0.11 0.00	26.58 -0.27 0.00	25.02 -0.38 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	25.00 -0.56 0.00	28.35 -0.55 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.49 0.76 0.00	31.28 0.28 0.00	32.83 0.45 0.00	36.52 1.64 0.00	40.32 2.28 0.00	43.69 2.55 0.00	47.77 3.62 0.00	64.23 6.20 -0.09	81.24 7.44 -0.09	67.67 6.42 -0.12	56.40 5.03 -0.09	50.17 3.89 0.00	42.97 2.85 0.00	36.34 1.89 0.00	31.05 0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.29 1.55 0.00	28.21 1.37 0.00	26.34 0.94 0.00	24.83 0.84 0.00	24.86 0.86 0.00	26.61 1.05 0.00	30.38 1.47 0.00	30.83 1.66 0.00	31.69 1.85 0.00	33.63 1.90 0.00	32.99 1.98 0.00	34.42 2.04 0.00	36.91 2.02 0.00	40.05 2.02 0.00	43.27 2.14 0.00	46.66 2.52 0.00	61.01 3.07 0.00	78.62 4.20 -0.71	64.28 3.12 -0.02	53.75 2.46 0.00	48.64 2.36 0.00	41.89 1.77 0.00	36.17 1.72 0.00	32.23 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	30.40 1.67 0.00	28.32 1.48 0.00	26.42 1.02 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.71 1.15 0.00	30.47 1.56 0.00	30.92 1.75 0.00	31.81 1.97 0.00	33.76 2.03 0.00	33.18 2.17 0.00	34.58 2.20 0.00	37.08 2.20 0.00	40.28 2.24 0.00	43.52 2.39 0.00	46.97 2.83 0.00	61.36 3.42 0.00	79.06 4.64 -0.71	64.65 3.48 -0.02	54.05 2.77 0.00	48.87 2.59 0.00	42.09 1.97 0.00	36.31 1.86 0.00	32.36 1.86 0.00
MODEL_CITY_ENERGY 24167	27.87 -0.86 0.00	25.88 -0.97 0.00	24.41 -0.99 0.00	22.79 -1.20 0.00	22.70 -1.30 0.00	24.34 -1.23 0.00	27.49 -1.42 0.00	28.27 -0.90 0.00	29.12 -0.72 0.00	31.57 -0.16 0.00	30.45 -0.56 0.00	31.96 -0.42 0.00	35.55 0.66 0.00	39.22 1.18 0.00	42.37 1.23 0.00	46.31 2.16 0.00	62.26 4.29 -0.02	78.52 4.79 -0.02	65.27 4.10 -0.03	54.44 3.13 -0.02	48.46 2.18 0.00	41.57 1.44 0.00	35.18 0.72 0.00	30.07 -0.43 0.00
MODERN_LFGE___ 323580	27.87 -0.86 0.00	25.88 -0.97 0.00	24.41 -0.99 0.00	22.79 -1.20 0.00	22.70 -1.30 0.00	24.34 -1.23 0.00	27.49 -1.42 0.00	28.27 -0.90 0.00	29.12 -0.72 0.00	31.57 -0.16 0.00	30.45 -0.56 0.00	31.96 -0.42 0.00	35.55 0.66 0.00	39.22 1.18 0.00	42.37 1.23 0.00	46.31 2.16 0.00	62.26 4.29 -0.02	78.52 4.79 -0.02	65.27 4.10 -0.03	54.44 3.13 -0.02	48.46 2.18 0.00	41.57 1.44 0.00	35.18 0.72 0.00	30.07 -0.43 0.00
MOHAWK_PAPER___DRP 24187	29.60 0.86 0.00	27.70 0.86 0.00	26.04 0.64 0.00	24.59 0.60 0.00	24.60 0.60 0.00	26.25 0.69 0.00	29.80 0.90 0.00	30.02 0.85 0.00	30.70 0.87 0.00	32.52 0.79 0.00	31.78 0.78 0.00	33.19 0.81 0.00	35.65 0.77 0.00	38.76 0.72 0.00	41.96 0.82 0.00	45.16 1.02 0.00	59.16 1.22 0.00	74.69 1.70 0.72	62.58 1.47 0.02	52.77 1.49 0.00	47.76 1.48 0.00	41.17 1.04 0.00	35.42 0.96 0.00	31.53 1.04 0.00
MOHICAN___35_KV_115KV_LD 80490	31.24 2.50 0.00	29.18 2.34 0.00	27.39 1.98 0.00	25.86 1.87 0.00	25.67 1.68 0.00	27.46 1.89 0.00	31.22 2.31 0.00	31.13 1.95 0.00	31.90 2.06 0.00	33.83 2.09 0.00	33.05 2.05 0.00	34.55 2.17 0.00	37.22 2.34 0.00	40.47 2.43 0.00	43.97 2.84 0.00	47.46 3.31 0.00	62.52 4.58 0.00	79.06 6.12 0.77	66.68 5.56 0.02	56.10 4.82 0.00	50.77 4.49 0.00	43.41 3.29 0.00	37.45 3.00 0.00	33.15 2.65 0.00
MONGAUP___HYD 23641	30.11 1.38 0.00	28.11 1.26 0.00	26.27 0.86 0.00	24.78 0.79 0.00	24.83 0.84 0.00	26.53 0.97 0.00	30.26 1.36 0.00	30.51 1.34 0.00	31.30 1.46 0.00	33.13 1.39 0.00	32.46 1.46 0.00	33.80 1.42 0.00	36.38 1.50 0.00	39.56 1.52 0.00	42.78 1.65 0.00	46.00 1.85 0.00	60.55 2.61 0.00	78.25 3.98 -0.57	64.46 3.30 -0.02	54.10 2.82 0.00	48.78 2.50 0.00	42.05 1.93 0.00	36.21 1.76 0.00	32.17 1.68 0.00
MONTAUK___DIESEL 23721	31.72 2.99 0.00	30.33 3.01 -0.48	27.87 2.46 0.00	26.10 2.11 0.00	26.03 2.04 0.00	28.35 2.79 0.00	31.91 3.01 0.00	32.70 3.53 0.00	35.39 4.18 -1.37	35.38 3.65 0.00	35.50 4.50 0.00	37.11 4.73 0.00	39.70 4.81 0.00	43.25 5.21 0.00	47.33 6.17 -0.02	50.95 6.80 0.00	67.04 9.10 0.00	85.70 11.28 -0.71	70.09 8.93 -0.02	58.10 6.82 0.00	52.20 5.92 0.00	44.82 4.69 0.00	38.00 3.55 0.00	34.71 3.90 -0.31
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.48 0.75 0.00	27.27 0.43 0.00	25.71 0.30 0.00	23.94 -0.05 0.00	23.88 -0.12 0.00	25.61 0.05 0.00	29.11 0.20 0.00	30.19 1.02 0.00	30.88 1.04 0.00	33.60 1.87 0.00	32.74 1.74 0.00	34.45 2.07 0.00	38.27 3.38 0.00	42.22 4.18 0.00	45.78 4.65 0.00	49.94 5.78 -0.01	67.29 9.33 -0.01	84.48 10.76 -0.01	69.72 8.56 -0.02	57.81 6.51 -0.01	51.70 5.41 0.00	43.98 3.85 0.00	36.76 2.31 0.00	31.26 0.76 0.00

MORRIS RIDGE___SOLAR 323848	28.82 0.09 0.00	26.76 -0.08 0.00	25.25 -0.15 0.00	23.58 -0.41 0.00	23.54 -0.46 0.00	25.18 -0.38 0.00	28.64 -0.26 0.00	29.40 0.23 0.00	30.14 0.30 0.00	32.52 0.79 0.00	31.56 0.56 0.00	33.09 0.71 0.00	36.35 1.47 0.00	40.05 2.02 0.00	43.48 2.34 0.00	47.42 3.27 0.00	63.69 5.74 -0.01	80.35 6.63 -0.01	66.59 5.44 -0.01	55.45 4.15 -0.01	49.75 3.47 0.00	42.49 2.37 0.00	35.86 1.41 0.00	30.89 0.40 0.00
MORTIMER_115KV_TB3 55949	28.51 -0.23 0.00	26.52 -0.32 0.00	25.05 -0.36 0.00	23.44 -0.55 0.00	23.40 -0.60 0.00	25.03 -0.54 0.00	28.44 -0.46 0.00	29.03 -0.15 0.00	29.84 0.00 0.00	32.11 0.38 0.00	31.22 0.22 0.00	32.73 0.36 0.00	35.86 0.98 0.00	39.48 1.45 0.00	42.90 1.77 0.00	46.79 2.65 0.00	62.86 4.93 0.01	79.52 5.82 0.01	66.45 5.32 0.01	55.02 3.74 0.01	49.20 2.92 0.00	42.09 1.97 0.00	35.52 1.07 0.00	30.74 0.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	31.99 2.15 0.00	33.95 2.22 0.00	33.36 2.36 0.00	34.84 2.46 0.00	37.33 2.44 0.00	40.55 2.51 0.00	43.73 2.59 0.00	47.19 3.05 0.00	61.59 3.65 0.00	79.44 5.01 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.52 2.07 0.00	32.51 2.01 0.00
MUNSVILLE_WIND_PWR 323609	31.18 2.44 0.00	28.97 2.12 0.00	27.18 1.78 0.00	25.55 1.56 0.00	25.63 1.63 0.00	27.33 1.76 0.00	31.39 2.49 0.00	31.74 2.57 0.00	32.11 2.27 0.00	34.14 2.41 0.00	33.12 2.11 0.00	34.71 2.33 0.00	37.64 2.76 0.00	41.42 3.38 0.00	44.96 3.83 0.00	48.92 4.77 0.00	65.19 7.24 0.00	83.44 9.73 0.00	69.33 8.20 0.00	58.26 6.97 0.00	52.34 6.06 0.00	44.82 4.69 0.00	38.07 3.62 0.00	33.15 2.65 0.00
N SALMON___HYD 24042	28.54 -0.20 0.00	26.60 -0.24 0.00	25.53 0.13 0.00	24.11 0.12 0.00	24.02 0.02 0.00	25.61 0.05 0.00	28.82 -0.09 0.00	29.03 -0.15 0.00	29.66 -0.18 0.00	31.60 -0.13 0.00	30.91 -0.09 0.00	32.22 -0.16 0.00	34.64 -0.24 0.00	37.77 -0.26 0.00	40.97 -0.16 0.00	43.66 -0.48 0.00	53.73 -1.28 2.94	65.33 -1.47 6.90	60.33 -0.73 0.08	50.20 -1.08 0.00	45.49 -0.79 0.00	39.32 -0.80 0.00	33.59 -0.86 0.00	29.67 -0.82 0.00
N.AKRON__115KV_KNAPP 355671	28.62 -0.11 0.00	26.58 -0.27 0.00	25.12 -0.28 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	25.00 -0.56 0.00	28.36 -0.55 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.52 0.79 0.00	31.32 0.31 0.00	32.86 0.49 0.00	36.45 1.57 0.00	40.28 2.24 0.00	43.73 2.59 0.00	47.86 3.71 0.00	64.85 6.84 -0.07	81.59 7.81 -0.07	68.14 6.91 -0.09	56.48 5.13 -0.07	50.40 4.12 0.00	43.01 2.89 0.00	36.31 1.86 0.00	31.04 0.55 0.00
N.BELMOR_69_KV_BK1 55787	30.98 2.24 0.00	29.34 2.01 -0.48	26.90 1.50 0.00	25.26 1.27 0.00	25.27 1.27 0.00	27.23 1.66 0.00	30.93 2.02 0.00	31.50 2.33 0.00	33.87 2.66 -1.37	34.24 2.51 0.00	33.86 2.85 0.00	35.29 2.91 0.00	37.74 2.86 0.00	41.00 2.97 0.00	44.55 3.33 -0.09	47.81 3.66 0.00	62.35 4.40 0.00	79.80 5.38 -0.71	65.38 4.22 -0.02	54.51 3.23 0.00	49.43 3.15 0.00	42.65 2.53 0.00	36.79 2.34 0.00	33.36 2.56 -0.31
N.E_GEN_SANDY PD 24062	29.77 1.18 0.14	29.04 1.21 -0.99	27.00 0.86 -0.73	24.76 0.77 0.00	24.79 0.79 0.00	27.00 0.95 -0.49	31.00 1.24 -0.85	30.45 1.28 0.00	31.15 1.31 0.00	32.97 1.24 0.00	32.21 1.21 0.00	33.61 1.23 0.00	36.00 1.12 0.00	39.10 1.06 0.00	42.08 0.95 0.00	45.25 1.10 0.00	59.28 1.33 0.00	69.97 1.47 5.21	61.46 0.98 0.65	53.00 1.23 -0.49	47.48 1.20 0.00	41.17 1.04 0.00	35.00 1.17 0.62	32.50 1.37 -0.63
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.17 1.44 0.00	28.13 1.29 0.00	26.24 0.84 0.00	24.73 0.74 0.00	24.79 0.79 0.00	26.53 0.97 0.00	30.29 1.39 0.00	30.72 1.55 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.84 1.83 0.00	34.22 1.85 0.00	36.70 1.81 0.00	39.82 1.79 0.00	43.07 1.93 0.00	46.49 2.34 0.00	60.84 2.90 0.00	78.34 3.98 -0.65	64.09 2.93 -0.02	53.59 2.31 0.00	48.46 2.18 0.00	41.73 1.60 0.00	36.00 1.55 0.00	32.11 1.62 0.00
N.QUEENS_27_KV_LOAD 356247	30.75 2.01 -0.01	28.76 1.91 -0.01	26.81 1.40 -0.01	25.25 1.25 -0.01	25.30 1.30 -0.01	27.07 1.51 0.00	30.88 1.97 -0.01	31.34 2.16 -0.01	32.20 2.36 -0.01	34.12 2.38 -0.01	33.56 2.54 -0.01	35.01 2.62 -0.01	37.54 2.65 -0.01	40.75 2.70 -0.01	44.10 2.96 -0.01	47.60 3.44 -0.01	62.07 4.11 -0.01	80.25 5.82 -0.72	65.33 4.16 -0.03	54.78 3.49 -0.01	49.48 3.19 -0.01	42.66 2.53 -0.01	36.77 2.31 -0.01	32.79 2.29 -0.01
N.TROY___115KV_TB1 355778	29.94 1.21 0.00	28.03 1.18 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.56 1.00 0.00	30.15 1.24 0.00	30.37 1.20 0.00	31.03 1.19 0.00	32.91 1.17 0.00	32.12 1.12 0.00	33.54 1.17 0.00	36.04 1.15 0.00	39.18 1.14 0.00	42.37 1.23 0.00	45.60 1.46 0.00	59.80 1.85 0.00	75.12 2.36 0.95	63.13 2.02 0.03	53.28 2.00 0.00	48.27 1.99 0.00	41.61 1.48 0.00	35.83 1.38 0.00	31.93 1.43 0.00
NARROWS_GT1_1 24228	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_2 24229	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_3 24230	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_4 24231	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30

NARROWS_GT1_5 24232	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_6 24233	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_7 24234	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT1_8 24235	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_1 24236	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_2 24237	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_3 24238	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_4 24239	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_5 24240	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_6 24241	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_7 24242	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NARROWS_GT2_8 24243	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.09 2.82 -24.38	69.97 2.97 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.76 4.00 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.76 3.29 -8.19	62.74 2.78 -13.68	44.42 2.49 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.77 1.03 0.00	27.87 1.02 0.00	26.22 0.81 0.00	24.78 0.79 0.00	24.81 0.82 0.00	26.43 0.87 0.00	30.03 1.13 0.00	29.99 0.82 0.00	30.58 0.75 0.00	32.30 0.57 0.00	31.50 0.50 0.00	32.70 0.32 0.00	35.30 0.42 0.00	38.42 0.38 0.00	41.75 0.62 0.00	45.03 0.88 0.00	59.22 1.27 0.00	76.32 2.87 0.26	63.76 2.63 0.01	53.54 2.26 0.00	48.55 2.27 0.00	41.61 1.48 0.00	35.69 1.24 0.00	31.65 1.16 0.00
NCHELSEA_115KV_TR2 355582	30.34 1.61 0.00	28.30 1.45 0.00	26.42 1.02 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.71 1.15 0.00	30.49 1.59 0.00	30.83 1.66 0.00	31.72 1.88 0.00	33.63 1.90 0.00	32.87 1.86 0.00	34.09 1.72 0.00	36.56 1.67 0.00	39.71 1.67 0.00	43.03 1.89 0.00	46.49 2.34 0.00	60.67 2.72 0.00	78.09 3.83 -0.55	64.64 3.48 -0.02	54.16 2.87 0.00	49.15 2.87 0.00	42.21 2.09 0.00	36.35 1.89 0.00	32.36 1.86 0.00
NEG CAPITAL___MECHNVIL 23645	30.69 1.95 0.00	28.72 1.88 0.00	26.95 1.55 0.00	25.43 1.44 0.00	25.39 1.39 0.00	27.12 1.56 0.00	30.81 1.91 0.00	30.95 1.78 0.00	31.66 1.82 0.00	33.60 1.87 0.00	32.80 1.80 0.00	34.29 1.91 0.00	36.91 2.02 0.00	40.17 2.13 0.00	43.48 2.34 0.00	46.84 2.69 0.00	61.66 3.71 0.00	77.71 4.86 0.86	65.39 4.28 0.03	55.03 3.74 0.00	49.75 3.47 0.00	42.81 2.69 0.00	36.90 2.45 0.00	32.75 2.26 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.13 -0.60 0.00	26.20 -0.64 0.00	24.67 -0.74 0.00	23.15 -0.84 0.00	23.13 -0.86 0.00	24.72 -0.84 0.00	28.13 -0.78 0.00	28.68 -0.50 0.00	29.42 -0.42 0.00	31.60 -0.13 0.00	30.76 -0.25 0.00	32.25 -0.13 0.00	35.30 0.42 0.00	38.84 0.80 0.00	42.12 0.99 0.00	45.82 1.68 0.00	61.19 3.24 0.00	77.69 3.98 0.00	64.68 3.54 0.00	53.85 2.56 0.00	48.13 1.85 0.00	41.21 1.08 0.00	34.90 0.45 0.00	30.25 -0.25 0.00
NEG CENTRAL___DRP 24199	29.05 0.32 0.00	27.03 0.19 0.00	25.48 0.08 0.00	23.94 -0.05 0.00	23.95 -0.05 0.00	25.56 0.00 0.00	29.14 0.23 0.00	29.58 0.41 0.00	30.20 0.36 0.00	32.30 0.57 0.00	31.44 0.43 0.00	32.93 0.55 0.00	35.69 0.80 0.00	39.18 1.14 0.00	42.66 1.52 0.00	46.22 2.07 0.00	61.65 3.71 0.00	78.43 4.72 0.00	65.17 4.04 0.00	54.26 2.97 0.00	48.83 2.55 0.00	41.73 1.60 0.00	35.38 0.93 0.00	30.92 0.43 0.00
NEG CENTRAL___INDECK 23768	29.57 0.83 0.00	27.49 0.64 0.00	25.84 0.43 0.00	24.21 0.22 0.00	24.16 0.17 0.00	25.87 0.31 0.00	29.54 0.64 0.00	30.19 1.02 0.00	30.73 0.89 0.00	32.94 1.21 0.00	31.84 0.84 0.00	33.35 0.97 0.00	36.73 1.85 0.00	39.10 1.06 0.00	42.45 1.32 0.00	46.31 2.16 0.00	62.00 4.05 0.00	79.09 5.38 0.00	66.33 5.19 0.00	55.90 4.62 0.00	50.17 3.89 0.00	42.85 2.73 0.00	36.04 1.59 0.00	31.99 1.49 0.00
NEG CENTRAL___SENECA 23627	29.22 0.49 0.00	27.17 0.32 0.00	25.58 0.18 0.00	24.01 0.02 0.00	24.00 0.00 0.00	25.67 0.10 0.00	29.28 0.38 0.00	29.87 0.70 0.00	30.50 0.66 0.00	32.68 0.95 0.00	31.78 0.78 0.00	33.29 0.91 0.00	36.10 1.22 0.00	39.71 1.67 0.00	43.23 2.10 0.00	47.02 2.87 0.00	62.93 4.98 0.00	79.97 6.27 0.00	66.52 5.38 0.00	55.28 4.00 0.00	49.66 3.38 0.00	42.33 2.21 0.00	35.79 1.34 0.00	31.20 0.70 0.00
NEG CENTRAL___STATE_STREET 24147	29.05 0.32 0.00	27.06 0.21 0.00	25.48 0.08 0.00	23.99 0.00 0.00	24.00 0.00 0.00	25.59 0.03 0.00	29.11 0.20 0.00	29.43 0.26 0.00	30.05 0.21 0.00	32.08 0.35 0.00	31.28 0.28 0.00	32.73 0.36 0.00	35.44 0.56 0.00	38.87 0.84 0.00	42.29 1.15 0.00	45.74 1.59 0.00	60.78 2.84 0.00	77.39 3.69 0.00	64.25 3.12 0.00	53.59 2.31 0.00	48.27 1.99 0.00	41.33 1.20 0.00	35.21 0.76 0.00	30.80 0.30 0.00
NEG MILLWOOD___DRP 24198	30.57 1.84 0.00	28.48 1.64 0.00	26.55 1.14 0.00	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.64 1.73 0.00	31.04 1.87 0.00	31.93 2.09 0.00	33.95 2.22 0.00	33.30 2.29 0.00	34.68 2.30 0.00	37.22 2.34 0.00	40.47 2.43 0.00	43.73 2.59 0.00	47.24 3.09 0.00	61.83 3.88 0.00	79.56 5.23 -0.62	65.38 4.22 -0.02	54.67 3.38 0.00	49.52 3.24 0.00	42.53 2.41 0.00	36.59 2.14 0.00	32.57 2.07 0.00
NEG NORTH_FLCN_SEA 23793	29.45 0.72 0.00	27.49 0.64 0.00	26.32 0.91 0.00	24.83 0.84 0.00	24.74 0.74 0.00	26.38 0.82 0.00	29.71 0.81 0.00	29.96 0.79 0.00	30.64 0.81 0.00	32.68 0.95 0.00	31.97 0.96 0.00	33.32 0.94 0.00	35.86 0.98 0.00	39.06 1.03 0.00	40.15 -0.99 0.00	40.92 -3.22 0.00	52.56 -4.69 0.69	66.28 -5.82 1.61	56.29 -4.83 0.02	47.18 -4.10 0.00	42.25 -4.03 0.00	38.40 -1.73 0.00	34.59 0.14 0.00	30.53 0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	28.71 -0.03 0.00	26.82 -0.03 0.00	25.68 0.28 0.00	24.23 0.24 0.00	24.16 0.17 0.00	25.74 0.18 0.00	28.93 0.03 0.00	29.14 -0.03 0.00	29.81 -0.03 0.00	31.76 0.03 0.00	31.07 0.06 0.00	32.38 0.00 0.00	34.81 -0.07 0.00	37.92 -0.11 0.00	40.07 -1.07 0.00	41.85 -2.30 0.00	53.22 -3.48 1.25	66.43 -4.35 2.93	57.50 -3.61 0.03	48.31 -2.97 0.00	43.32 -2.96 0.00	38.48 -1.65 0.00	33.69 -0.76 0.00	29.76 -0.73 0.00
NEG NORTH___ALICE_FALLS 23915	29.34 0.60 0.00	27.38 0.54 0.00	26.22 0.81 0.00	24.76 0.77 0.00	24.64 0.65 0.00	26.30 0.74 0.00	29.63 0.72 0.00	29.87 0.70 0.00	30.52 0.69 0.00	32.56 0.83 0.00	31.84 0.84 0.00	33.16 0.78 0.00	35.69 0.80 0.00	38.87 0.84 0.00	40.39 -0.74 0.00	41.50 -2.65 0.00	53.29 -3.88 0.78	67.02 -4.86 1.82	57.08 -4.04 0.02	47.90 -3.38 0.00	42.90 -3.38 0.00	38.64 -1.48 0.00	34.45 0.00 0.00	30.40 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	29.34 0.60 0.00	27.38 0.54 0.00	26.22 0.81 0.00	24.76 0.77 0.00	24.64 0.65 0.00	26.30 0.74 0.00	29.63 0.72 0.00	29.87 0.70 0.00	30.52 0.69 0.00	32.56 0.83 0.00	31.84 0.84 0.00	33.16 0.78 0.00	35.69 0.80 0.00	38.87 0.84 0.00	40.39 -0.74 0.00	41.50 -2.65 0.00	53.29 -3.88 0.78	67.02 -4.86 1.82	57.08 -4.04 0.02	47.90 -3.38 0.00	42.90 -3.38 0.00	38.64 -1.48 0.00	34.45 0.00 0.00	30.40 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	29.34 0.60 0.00	27.33 0.48 0.00	26.22 0.81 0.00	24.76 0.77 0.00	24.64 0.65 0.00	26.31 0.74 0.00	29.63 0.72 0.00	29.87 0.70 0.00	30.53 0.69 0.00	32.55 0.82 0.00	31.84 0.84 0.00	33.15 0.78 0.00	35.69 0.80 0.00	38.87 0.84 0.00	42.20 1.07 0.00	44.98 0.84 0.00	57.90 0.70 0.75	73.06 1.11 1.75	62.58 1.46 0.02	51.90 0.62 0.00	46.79 0.51 0.00	40.37 0.24 0.00	34.45 0.00 0.00	30.40 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	28.16 -0.57 0.00	26.12 -0.72 0.00	24.74 -0.66 0.00	23.01 -0.98 0.00	22.94 -1.06 0.00	24.59 -0.97 0.00	27.78 -1.13 0.00	28.59 -0.58 0.00	29.45 -0.39 0.00	31.92 0.19 0.00	30.60 -0.40 0.00	32.12 -0.26 0.00	35.65 0.77 0.00	39.37 1.33 0.00	42.66 1.52 0.00	46.67 2.52 0.00	63.19 5.21 -0.03	79.27 5.53 -0.03	66.13 4.95 -0.04	54.75 3.44 -0.03	48.92 2.64 0.00	41.85 1.73 0.00	35.52 1.07 0.00	30.40 -0.09 0.00
NEG WEST___LANCASTER 23811	28.76 0.03 0.00	26.66 -0.19 0.00	25.12 -0.28 0.00	23.44 -0.55 0.00	23.40 -0.60 0.00	25.05 -0.51 0.00	28.44 -0.46 0.00	29.29 0.12 0.00	30.14 0.30 0.00	32.65 0.92 0.00	31.72 0.71 0.00	33.25 0.87 0.00	36.87 1.99 0.00	40.62 2.59 0.00	44.14 3.00 0.00	48.17 4.02 -0.01	64.39 6.43 -0.01	81.09 7.37 -0.01	66.05 4.89 -0.02	55.55 4.26 -0.01	50.35 4.07 0.00	43.01 2.89 0.00	36.14 1.69 0.00	30.98 0.49 0.00
NEG_PENN_ALLEGHNY 23528	29.19 0.46 0.00	27.19 0.35 0.00	25.56 0.15 0.00	24.09 0.10 0.00	24.09 0.10 0.00	25.69 0.13 0.00	29.28 0.37 0.00	29.78 0.61 0.00	30.47 0.63 0.00	32.55 0.82 0.00	31.72 0.71 0.00	33.19 0.81 0.00	36.03 1.15 0.00	39.48 1.45 0.00	42.78 1.65 0.00	46.27 2.12 0.00	61.24 3.30 0.00	77.83 4.13 0.00	64.44 3.30 0.00	53.95 2.67 0.00	48.50 2.22 0.00	41.81 1.68 0.00	35.62 1.17 0.00	31.17 0.67 0.00
NEG___GEN_MONROE 24207	28.59 -0.14 0.00	26.60 -0.24 0.00	25.10 -0.30 0.00	23.46 -0.53 0.00	23.40 -0.60 0.00	25.05 -0.51 0.00	28.50 -0.40 0.00	29.11 -0.06 0.00	29.93 0.09 0.00	32.24 0.51 0.00	31.28 0.28 0.00	32.80 0.42 0.00	36.00 1.12 0.00	39.71 1.67 0.00	43.19 2.06 0.00	47.15 3.00 0.00	63.35 5.33 -0.07	80.05 6.27 -0.07	67.04 5.81 -0.10	55.61 4.26 -0.07	49.71 3.42 0.00	42.49 2.37 0.00	35.86 1.41 0.00	31.04 0.55 0.00

NEPA__ENERGY 23901	28.82 0.09 0.00	26.74 -0.11 0.00	25.18 -0.23 0.00	23.49 -0.50 0.00	23.44 -0.55 0.00	25.10 -0.46 0.00	28.53 -0.38 0.00	29.43 0.26 0.00	30.26 0.42 0.00	32.81 1.08 0.00	31.87 0.87 0.00	33.41 1.04 0.00	36.98 2.09 0.00	40.78 2.74 0.00	44.26 3.13 0.00	48.35 4.19 -0.01	65.26 7.30 -0.01	82.05 8.33 -0.01	67.82 6.66 -0.02	56.37 5.08 -0.01	50.54 4.26 0.00	43.17 3.05 0.00	36.21 1.76 0.00	30.98 0.49 0.00
NEVERSink__HYD 23608	30.29 1.55 0.00	28.24 1.40 0.00	26.39 0.99 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.64 1.07 0.00	30.44 1.53 0.00	30.72 1.55 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.73 1.85 0.00	39.94 1.90 0.00	43.23 2.10 0.00	46.62 2.47 0.00	61.36 3.42 0.00	78.75 4.65 -0.39	64.88 3.73 -0.01	54.36 3.08 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.41 1.96 0.00	32.36 1.86 0.00
NEWKRMKL_115KV_TB1 55635	29.25 0.52 0.00	27.38 0.54 0.00	25.71 0.30 0.00	24.30 0.31 0.00	24.31 0.31 0.00	25.95 0.38 0.00	29.42 0.52 0.00	29.64 0.47 0.00	30.35 0.51 0.00	32.18 0.44 0.00	31.44 0.43 0.00	32.80 0.42 0.00	35.23 0.35 0.00	38.30 0.27 0.00	41.46 0.33 0.00	44.63 0.49 0.00	58.47 0.52 0.00	73.80 0.74 0.65	61.79 0.67 0.02	52.05 0.77 0.00	47.11 0.83 0.00	40.61 0.48 0.00	34.93 0.48 0.00	31.11 0.61 0.00
NEWTON__FALLS_HYD 23847	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.12 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.17 0.00	33.63 -1.26 0.00	36.78 -1.26 0.00	39.70 -1.44 0.00	42.47 -1.68 0.00	49.56 -2.78 5.61	57.16 -3.39 13.16	58.43 -2.57 0.14	49.39 -1.90 0.00	44.48 -1.80 0.00	38.96 -1.16 0.00	33.24 -1.21 0.00	29.31 -1.19 0.00
NGRID_A1_DSASP 323792	27.59 -1.15 0.00	25.61 -1.23 0.00	24.18 -1.22 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.77 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.77 0.00	31.70 -0.68 0.00	35.23 0.35 0.00	38.87 0.84 0.00	41.96 0.82 0.00	45.87 1.72 0.00	61.67 3.71 -0.02	77.70 3.98 -0.02	64.70 3.54 -0.02	53.91 2.61 -0.02	47.94 1.66 0.00	41.21 1.08 0.00	34.76 0.31 0.00	29.70 -0.79 0.00
NGRID_A2_DSASP 323793	27.59 -1.15 0.00	25.61 -1.23 0.00	24.18 -1.22 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.77 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.77 0.00	31.70 -0.68 0.00	35.23 0.35 0.00	38.87 0.84 0.00	41.96 0.82 0.00	45.87 1.72 0.00	61.67 3.71 -0.02	77.70 3.98 -0.02	64.70 3.54 -0.02	53.91 2.61 -0.02	47.94 1.66 0.00	41.21 1.08 0.00	34.76 0.31 0.00	29.70 -0.79 0.00
NGRID_A4_DSASP 323807	27.59 -1.15 0.00	25.61 -1.23 0.00	24.18 -1.22 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.77 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.77 0.00	31.70 -0.68 0.00	35.23 0.35 0.00	38.87 0.84 0.00	41.96 0.82 0.00	45.87 1.72 0.00	61.67 3.71 -0.02	77.70 3.98 -0.02	64.70 3.54 -0.02	53.91 2.61 -0.02	47.94 1.66 0.00	41.21 1.08 0.00	34.76 0.31 0.00	29.70 -0.79 0.00
NIAGARA_115E_LBMP 323715	27.70 -1.03 0.00	25.72 -1.13 0.00	24.26 -1.14 0.00	22.65 -1.34 0.00	22.58 -1.42 0.00	24.18 -1.38 0.00	27.29 -1.62 0.00	28.06 -1.11 0.00	28.91 -0.93 0.00	31.35 -0.38 0.00	30.29 -0.71 0.00	31.76 -0.62 0.00	35.34 0.45 0.00	38.99 0.95 0.00	42.08 0.95 0.00	46.05 1.90 0.00	61.91 3.94 -0.02	78.00 4.27 -0.02	64.84 3.67 -0.03	54.12 2.82 -0.02	48.18 1.90 0.00	41.37 1.25 0.00	34.93 0.48 0.00	29.85 -0.64 0.00
NIAGARA_115W_LBMP 323714	27.53 -1.21 0.00	25.56 -1.29 0.00	24.13 -1.27 0.00	22.53 -1.46 0.00	22.44 -1.56 0.00	24.06 -1.51 0.00	27.11 -1.79 0.00	27.86 -1.31 0.00	28.70 -1.13 0.00	31.13 -0.60 0.00	30.14 -0.87 0.00	31.64 -0.74 0.00	35.16 0.28 0.00	38.76 0.72 0.00	41.83 0.70 0.00	45.74 1.59 0.00	61.49 3.54 -0.02	77.48 3.76 -0.02	64.52 3.36 -0.02	53.81 2.51 -0.02	47.86 1.57 0.00	41.09 0.96 0.00	34.66 0.21 0.00	29.64 -0.85 0.00
NIAGARA_230_LBMP 323716	27.76 -0.98 0.00	25.80 -1.05 0.00	24.34 -1.07 0.00	22.72 -1.27 0.00	22.65 -1.34 0.00	24.26 -1.30 0.00	27.40 -1.50 0.00	28.12 -1.05 0.00	28.97 -0.87 0.00	31.41 -0.32 0.00	30.42 -0.59 0.00	31.89 -0.48 0.00	35.41 0.52 0.00	39.02 0.99 0.00	42.12 0.99 0.00	46.04 1.90 0.01	61.89 3.94 -0.01	77.99 4.27 -0.01	64.94 3.79 -0.01	54.16 2.87 -0.01	48.22 1.94 0.00	41.41 1.28 0.00	34.93 0.48 0.00	29.92 -0.58 0.00
NIAGARA__115KV_198_GIBSON 55903	27.50 -1.24 0.00	25.56 -1.29 0.00	24.21 -1.19 0.00	22.53 -1.46 0.00	22.44 -1.56 0.00	24.06 -1.51 0.00	27.11 -1.79 0.00	27.86 -1.31 0.00	28.70 -1.13 0.00	31.13 -0.60 0.00	30.14 -0.87 0.00	31.63 -0.74 0.00	35.06 0.17 0.00	38.68 0.65 0.00	41.88 0.74 0.00	45.83 1.68 0.00	62.13 4.17 -0.02	77.85 4.13 -0.02	65.07 3.91 -0.02	53.86 2.56 -0.02	47.99 1.71 0.00	41.13 1.00 0.00	34.59 0.14 0.00	29.64 -0.85 0.00
NIAGARA____ 23760	27.76 -0.98 0.00	25.80 -1.05 0.00	24.34 -1.07 0.00	22.72 -1.27 0.00	22.65 -1.34 0.00	24.26 -1.30 0.00	27.40 -1.50 0.00	28.12 -1.05 0.00	28.97 -0.87 0.00	31.41 -0.32 0.00	30.42 -0.59 0.00	31.89 -0.48 0.00	35.41 0.52 0.00	39.02 0.99 0.00	42.12 0.99 0.00	46.04 1.90 0.00	61.90 3.94 -0.01	77.99 4.27 -0.01	64.94 3.79 -0.01	54.16 2.87 -0.01	48.22 1.94 0.00	41.41 1.28 0.00	34.93 0.48 0.00	29.92 -0.58 0.00
NINE_MILE_1 23575	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.37 -0.62 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.09 -0.74 0.00	31.00 -0.73 0.00	30.26 -0.74 0.00	31.64 -0.74 0.00	34.19 -0.70 0.00	37.35 -0.68 0.00	40.44 -0.70 0.00	43.57 -0.58 0.00	57.48 -0.47 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.82 -0.46 0.00	45.73 -0.55 0.00	39.52 -0.60 0.00	33.83 -0.62 0.00	29.80 -0.70 0.00
NINE_MILE_2 23744	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.47 -0.70 0.00	29.09 -0.74 0.00	31.00 -0.73 0.00	30.26 -0.74 0.00	31.64 -0.74 0.00	34.19 -0.70 0.00	37.35 -0.68 0.00	40.44 -0.70 0.00	43.57 -0.58 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.82 -0.46 0.00	45.73 -0.55 0.00	39.52 -0.60 0.00	33.83 -0.62 0.00	29.80 -0.70 0.00
NM_CAPITAL__DRP 24208	29.31 0.57 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.51 0.61 0.00	29.70 0.53 0.00	30.41 0.57 0.00	32.21 0.48 0.00	31.50 0.50 0.00	32.86 0.49 0.00	35.30 0.42 0.00	38.38 0.34 0.00	41.51 0.37 0.00	44.68 0.53 0.00	58.47 0.52 0.00	73.76 0.74 0.69	61.79 0.67 0.02	52.05 0.77 0.00	47.16 0.88 0.00	40.65 0.52 0.00	35.00 0.55 0.00	31.17 0.67 0.00

NM_CENTRAL___DRP 24181	28.74 0.00 0.00	26.76 -0.08 0.00	25.23 -0.18 0.00	23.80 -0.19 0.00	23.78 -0.22 0.00	25.36 -0.20 0.00	28.85 -0.06 0.00	29.11 -0.06 0.00	29.75 -0.09 0.00	31.76 0.03 0.00	30.97 -0.03 0.00	32.41 0.03 0.00	35.06 0.17 0.00	38.30 0.27 0.00	41.59 0.45 0.00	44.85 0.71 0.00	59.33 1.56 0.17	75.22 1.92 0.41	62.78 1.65 0.01	52.46 1.18 0.00	47.25 0.97 0.00	40.65 0.52 0.00	34.73 0.28 0.00	30.53 0.03 0.00
NM_FRONTIER___DRP 24179	27.50 -1.24 0.00	25.56 -1.29 0.00	24.21 -1.19 0.00	22.53 -1.46 0.00	22.44 -1.56 0.00	24.06 -1.51 0.00	27.11 -1.79 0.00	27.86 -1.31 0.00	28.70 -1.13 0.00	31.13 -0.60 0.00	30.14 -0.87 0.00	31.63 -0.74 0.00	35.06 0.17 0.00	38.68 0.65 0.00	41.88 0.74 0.00	45.83 1.68 0.00	62.13 4.17 -0.02	77.85 4.13 -0.02	65.07 3.91 -0.02	53.86 2.56 -0.02	47.99 1.71 0.00	41.13 1.00 0.00	34.59 0.14 0.00	29.64 -0.85 0.00
NM_ST_REGIS___HYD 24053	27.84 -0.89 0.00	26.01 -0.83 0.00	24.92 -0.48 0.00	23.56 -0.43 0.00	23.42 -0.58 0.00	24.98 -0.59 0.00	28.10 -0.81 0.00	28.30 -0.88 0.00	28.85 -0.98 0.00	30.68 -1.05 0.00	29.98 -1.02 0.00	31.28 -1.10 0.00	33.63 -1.26 0.00	36.71 -1.33 0.00	39.33 -1.81 0.00	41.59 -2.56 0.00	46.47 -4.40 7.07	51.52 -5.60 16.59	56.37 -4.59 0.18	47.64 -3.64 0.00	42.81 -3.47 0.00	38.08 -2.05 0.00	32.93 -1.52 0.00	29.09 -1.40 0.00
NORTHPORT___1 23551	30.81 2.07 0.00	29.34 2.01 -0.48	26.95 1.55 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.03 1.46 -0.01	30.78 1.88 0.00	31.48 2.30 0.00	33.84 2.63 -1.37	34.02 2.29 0.00	33.36 2.36 0.00	34.61 2.23 0.00	36.63 1.74 0.00	39.79 1.75 0.00	43.08 1.93 -0.01	46.39 2.25 0.00	52.05 2.55 8.45	61.65 3.02 15.09	57.64 2.20 5.70	52.67 1.39 0.00	47.30 1.02 0.00	41.25 1.12 0.00	35.45 1.00 0.00	33.00 2.20 -0.31
NORTHPORT___2 23552	30.81 2.07 0.00	29.34 2.01 -0.48	26.95 1.55 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.03 1.46 -0.01	30.78 1.88 0.00	31.48 2.30 0.00	33.84 2.63 -1.37	34.02 2.29 0.00	33.36 2.36 0.00	34.61 2.23 0.00	36.63 1.74 0.00	39.79 1.75 0.00	43.08 1.93 -0.01	46.39 2.25 0.00	52.05 2.55 8.45	61.65 3.02 15.09	57.64 2.20 5.70	52.67 1.39 0.00	47.30 1.02 0.00	41.25 1.12 0.00	35.45 1.00 0.00	33.00 2.20 -0.31
NORTHPORT___3 23553	30.58 1.84 0.00	29.04 1.72 -0.48	26.65 1.24 0.00	24.97 0.98 0.00	24.96 0.96 0.00	26.82 1.25 -0.01	30.55 1.65 0.00	31.16 1.98 0.00	33.48 2.27 -1.37	33.76 2.03 0.00	33.18 2.17 0.00	34.38 2.01 0.01	36.58 1.71 0.01	39.82 1.79 0.01	43.08 1.93 -0.01	46.39 2.25 0.01	52.21 2.72 8.45	61.78 3.17 15.10	57.76 2.32 5.71	52.81 1.54 0.01	47.38 1.11 0.01	41.24 1.12 0.01	35.51 1.07 0.01	32.54 1.74 -0.31
NORTHPORT___4 23650	30.58 1.84 0.00	29.04 1.72 -0.48	26.65 1.24 0.00	24.97 0.98 0.00	24.96 0.96 0.00	26.82 1.25 -0.01	30.55 1.65 0.00	31.16 1.98 0.00	33.48 2.27 -1.37	33.76 2.03 0.00	33.18 2.17 0.00	34.38 2.01 0.01	36.58 1.71 0.01	39.82 1.79 0.01	43.08 1.93 -0.01	46.39 2.25 0.01	52.21 2.72 8.45	61.78 3.17 15.10	57.76 2.32 5.71	52.81 1.54 0.01	47.38 1.11 0.01	41.24 1.12 0.01	35.51 1.07 0.01	32.54 1.74 -0.31
NORTHPORT___IC 23718	30.80 2.07 0.00	29.31 1.99 -0.48	26.88 1.47 0.00	25.17 1.18 0.00	25.15 1.15 0.00	27.20 1.64 0.00	30.78 1.88 0.00	31.48 2.30 0.00	33.84 2.63 -1.37	33.98 2.25 0.00	33.36 2.36 0.00	34.71 2.33 0.00	36.98 2.09 0.00	40.09 2.05 0.00	43.58 2.43 -0.01	46.84 2.69 0.00	52.40 2.90 8.45	62.23 3.61 15.09	58.13 2.69 5.70	53.39 2.10 0.00	48.55 2.27 0.00	41.77 1.65 0.00	35.93 1.48 0.00	33.00 2.20 -0.31
NORTH___COUNTRY_ESR 323785	28.65 -0.09 0.00	26.74 -0.11 0.00	25.63 0.23 0.00	24.21 0.22 0.00	24.12 0.12 0.00	25.69 0.13 0.00	28.85 -0.06 0.00	29.11 -0.06 0.00	29.78 -0.06 0.00	31.73 0.00 0.00	31.04 0.03 0.00	32.35 -0.03 0.00	34.78 -0.10 0.00	37.89 -0.15 0.00	41.05 -0.08 0.00	43.70 -0.44 0.00	55.61 -1.10 1.23	69.57 -1.25 2.88	60.50 -0.61 0.03	50.31 -0.98 0.00	45.45 -0.83 0.00	39.32 -0.80 0.00	33.59 -0.86 0.00	29.70 -0.79 0.00
NPX_GEN_1385_PROXY 323591	30.69 2.10 0.14	29.61 2.15 -0.62	27.13 1.73 0.00	25.09 1.10 0.00	25.08 1.08 0.00	27.00 1.43 -0.01	30.70 1.79 0.00	31.68 2.51 0.00	34.05 2.84 -1.37	34.05 2.32 0.00	33.27 2.26 0.00	34.91 2.53 0.00	36.59 1.71 0.00	40.51 2.47 0.00	44.36 3.21 -0.01	47.76 3.62 0.00	53.90 4.40 8.45	64.00 5.38 15.09	59.60 4.16 5.70	54.31 3.03 0.00	48.78 2.50 0.00	42.49 2.37 0.00	35.59 1.14 0.00	33.43 2.62 -0.31
NPX_GEN_CSC 323557	30.46 1.87 0.14	29.50 2.04 -0.62	27.01 1.60 0.00	25.12 1.13 0.00	25.08 1.08 0.00	26.92 1.35 -0.01	30.67 1.76 0.00	31.36 2.19 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.19 3.04 0.00	61.89 3.94 0.00	79.21 4.79 -0.71	64.83 3.67 -0.02	53.75 2.46 0.00	48.08 1.80 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.15 2.35 -0.31
NSINS_S___GLNS_FALLS 23858	31.26 2.53 0.00	29.21 2.36 0.00	27.41 2.01 0.00	25.89 1.90 0.00	25.67 1.68 0.00	27.46 1.89 0.00	31.22 2.31 0.00	31.15 1.98 0.00	31.93 2.09 0.00	33.89 2.16 0.00	33.11 2.11 0.00	34.61 2.23 0.00	37.29 2.41 0.00	40.59 2.55 0.00	44.10 2.96 0.00	47.59 3.44 0.00	62.75 4.81 0.00	79.36 6.41 0.76	66.92 5.81 0.02	56.31 5.03 0.00	50.91 4.63 0.00	43.53 3.41 0.00	37.55 3.10 0.00	33.24 2.74 0.00
NUCOR_STEEL___DRP 24197	29.08 0.34 0.00	27.11 0.27 0.00	25.56 0.15 0.00	24.06 0.07 0.00	24.04 0.05 0.00	25.64 0.08 0.00	29.14 0.23 0.00	29.43 0.26 0.00	30.05 0.21 0.00	32.05 0.32 0.00	31.22 0.22 0.00	32.67 0.29 0.00	35.37 0.49 0.00	38.76 0.72 0.00	42.16 1.03 0.00	45.56 1.41 0.00	60.41 2.61 0.14	76.77 3.39 0.33	64.01 2.87 0.00	53.39 2.10 0.00	48.13 1.85 0.00	41.25 1.12 0.00	35.17 0.72 0.00	30.80 0.30 0.00
NUMBER_THREE_WT_PWR 323818	28.71 -0.03 0.00	26.74 -0.11 0.00	25.30 -0.10 0.00	23.85 -0.14 0.00	23.85 -0.14 0.00	25.44 -0.13 0.00	28.96 0.06 0.00	29.29 0.12 0.00	29.69 -0.15 0.00	31.54 -0.19 0.00	30.73 -0.28 0.00	32.19 -0.19 0.00	34.68 -0.21 0.00	38.04 0.00 0.00	41.14 0.00 0.00	44.37 0.22 0.00	55.62 0.06 2.38	68.49 0.37 5.59	61.63 0.55 0.06	52.00 0.72 0.00	47.02 0.74 0.00	40.57 0.44 0.00	34.35 -0.10 0.00	30.19 -0.30 0.00
NYISO_LBMP_REFERENCE 24008	28.74 0.00 0.00	26.85 0.00 0.00	25.40 0.00 0.00	23.99 0.00 0.00	24.00 0.00 0.00	25.56 0.00 0.00	28.90 0.00 0.00	29.17 0.00 0.00	29.84 0.00 0.00	31.73 0.00 0.00	31.01 0.00 0.00	32.38 0.00 0.00	34.88 0.00 0.00	38.04 0.00 0.00	41.14 0.00 0.00	44.15 0.00 0.00	57.94 0.00 0.00	73.71 0.00 0.00	61.14 0.00 0.00	51.28 0.00 0.00	46.28 0.00 0.00	40.12 0.00 0.00	34.45 0.00 0.00	30.50 0.00 0.00

NYPA_BRENTWD____GT 24164	31.15 2.41 0.00	29.63 2.31 -0.48	27.21 1.80 0.00	25.43 1.44 0.00	25.41 1.42 0.00	27.31 1.74 -0.01	31.10 2.20 0.00	31.80 2.63 0.00	34.20 2.98 -1.37	34.40 2.67 0.00	33.98 2.98 0.00	35.32 2.95 0.00	37.50 2.62 0.00	40.78 2.74 0.00	44.28 3.09 -0.05	47.67 3.49 -0.03	61.66 3.71 0.00	78.92 4.50 -0.71	64.58 3.42 -0.02	53.64 2.36 0.00	48.41 2.13 0.00	42.33 2.21 0.00	36.28 1.82 0.00	33.55 2.75 -0.31
NYPA_GOWANUS____GT5 24156	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.62 2.42 -12.36	46.27 2.54 -12.00	47.24 2.70 -13.54	74.89 2.82 -39.69	62.09 2.82 -24.38	69.93 2.93 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.71 3.94 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.71 3.23 -8.19	62.74 2.78 -13.68	44.38 2.45 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NYPA_GOWANUS____GT6 24157	55.72 2.10 -24.89	46.12 1.83 -17.45	40.42 1.32 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.62 2.42 -12.36	46.27 2.54 -12.00	47.24 2.70 -13.54	74.89 2.82 -39.69	62.09 2.82 -24.38	69.93 2.93 -28.96	117.35 2.92 -73.29	66.27 3.35 -18.77	62.71 3.94 -0.82	99.19 5.31 -20.17	64.89 3.73 -0.02	62.71 3.23 -8.19	62.74 2.78 -13.68	44.38 2.45 -1.81	45.59 2.45 -8.70	45.14 2.35 -12.30
NYPA_HARLEM__RVR__GT1 24160	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.25 2.07 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.16 3.00 -0.01	61.60 3.65 0.00	79.44 5.01 -0.71	64.58 3.42 -0.02	54.26 2.97 0.00	48.78 2.50 0.00	42.38 2.25 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
NYPA_HARLEM__RVR__GT2 24161	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.25 2.07 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.16 3.00 -0.01	61.60 3.65 0.00	79.44 5.01 -0.71	64.58 3.42 -0.02	54.26 2.97 0.00	48.78 2.50 0.00	42.38 2.25 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
NYPA_KENT____GT 24152	45.00 2.01 -14.25	38.61 1.77 -9.99	34.52 1.27 -7.84	25.13 1.10 -0.03	27.30 1.15 -2.16	26.97 1.38 -0.03	36.30 1.88 -5.52	38.86 2.13 -7.56	39.31 2.39 -7.08	41.92 2.48 -7.71	42.35 2.63 -8.71	60.62 2.72 -25.52	53.25 2.69 -15.67	57.70 2.81 -16.85	85.86 2.76 -41.97	58.08 3.18 -10.75	62.18 3.76 -0.47	90.65 5.08 -11.85	64.65 3.48 -0.02	59.05 3.08 -4.69	56.70 2.59 -7.83	43.45 2.29 -1.04	41.74 2.31 -4.98	39.80 2.26 -7.05
NYPA_POUCH1____GT 24155	55.61 1.98 -24.89	46.01 1.72 -17.45	40.34 1.24 -13.69	25.13 1.08 -0.06	28.89 1.13 -3.77	26.95 1.33 -0.06	40.37 1.82 -9.64	44.41 2.04 -13.19	44.50 2.30 -12.36	46.14 2.41 -12.00	47.12 2.57 -13.54	74.76 2.69 -39.69	61.95 2.69 -24.38	69.77 2.78 -28.96	117.19 2.76 -73.29	66.10 3.18 -18.77	62.53 3.76 -0.82	98.96 5.08 -20.17	64.71 3.54 -0.02	62.55 3.08 -8.19	62.55 2.59 -13.68	44.26 2.33 -1.81	45.46 2.31 -8.70	45.02 2.23 -12.30
NYPA_VERNON____GT2 24162	34.28 1.93 -3.62	31.10 1.72 -2.53	28.64 1.24 -1.99	25.05 1.05 -0.01	25.67 1.13 -0.55	26.90 1.33 -0.01	32.13 1.82 -1.41	33.16 2.07 -1.92	33.97 2.33 -1.80	37.57 2.41 -3.42	37.46 2.57 -3.88	46.35 2.62 -11.35	44.47 2.62 -6.97	45.48 2.70 -4.75	54.44 2.67 -10.64	49.97 3.09 -2.73	61.72 3.65 -0.12	82.11 4.86 -3.54	64.52 3.36 -0.02	55.39 2.92 -1.19	50.72 2.45 -1.98	42.60 2.21 -0.27	37.96 2.24 -1.27	34.45 2.17 -1.79
NYPA_VERNON____GT3 24163	34.28 1.93 -3.62	31.10 1.72 -2.53	28.64 1.24 -1.99	25.05 1.05 -0.01	25.67 1.13 -0.55	26.90 1.33 -0.01	32.13 1.82 -1.41	33.16 2.07 -1.92	33.97 2.33 -1.80	37.57 2.41 -3.42	37.46 2.57 -3.88	46.35 2.62 -11.35	44.47 2.62 -6.97	45.48 2.70 -4.75	54.44 2.67 -10.64	49.97 3.09 -2.73	61.72 3.65 -0.12	82.11 4.86 -3.54	64.52 3.36 -0.02	55.39 2.92 -1.19	50.72 2.45 -1.98	42.60 2.21 -0.27	37.96 2.24 -1.27	34.45 2.17 -1.79
NYPA__ASTORIA_CC1 323568	30.61 1.87 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.04 1.05 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.71 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.88 2.55 -3.46	41.21 2.62 -0.55	43.74 2.59 -0.01	47.16 3.00 -0.01	61.48 3.54 0.00	79.21 4.79 -0.71	64.40 3.24 -0.02	54.10 2.82 0.00	48.64 2.36 0.00	42.26 2.13 -0.01	36.63 2.17 -0.01	32.64 2.03 -0.01
NYPA__ASTORIA_CC2 323569	30.61 1.87 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.04 1.05 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.71 1.79 -0.01	31.22 2.04 -0.01	32.11 2.27 -0.01	35.78 2.35 -1.70	35.45 2.51 -1.93	40.60 2.59 -5.63	40.88 2.55 -3.46	41.21 2.62 -0.55	43.74 2.59 -0.01	47.16 3.00 -0.01	61.48 3.54 0.00	79.21 4.79 -0.71	64.40 3.24 -0.02	54.10 2.82 0.00	48.64 2.36 0.00	42.26 2.13 -0.01	36.63 2.17 -0.01	32.64 2.13 -0.01
NYPA__HOLTSVILL 23794	30.81 2.07 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.19 1.20 0.00	25.17 1.18 0.00	27.03 1.46 -0.01	30.81 1.91 0.00	31.48 2.30 0.00	33.90 2.69 -1.37	34.02 2.29 0.00	33.70 2.70 0.00	35.00 2.62 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.75 2.59 -0.02	47.06 2.91 0.00	61.60 3.65 0.00	78.85 4.42 -0.71	64.52 3.36 -0.02	53.54 2.25 0.00	47.99 1.71 0.00	41.85 1.72 0.00	35.86 1.41 0.00	33.24 2.44 -0.31
NYPA__HELLGATE_GT1 24158	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.25 2.07 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.16 3.00 -0.01	61.60 3.65 0.00	79.44 5.01 -0.71	64.58 3.42 -0.02	54.26 2.97 0.00	48.78 2.50 0.00	42.38 2.25 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
NYPA__HELLGATE_GT2 24159	30.67 1.93 -0.01	28.70 1.85 -0.01	26.78 1.37 -0.01	25.20 1.20 -0.01	25.25 1.25 -0.01	26.99 1.43 0.00	30.82 1.91 -0.01	31.25 2.07 -0.01	32.11 2.27 -0.01	34.02 2.29 -0.01	33.46 2.45 -0.01	34.91 2.53 -0.01	37.37 2.48 -0.01	40.59 2.55 -0.01	43.78 2.63 -0.01	47.16 3.00 -0.01	61.60 3.65 0.00	79.44 5.01 -0.71	64.58 3.42 -0.02	54.26 2.97 0.00	48.78 2.50 0.00	42.38 2.25 -0.01	36.60 2.14 -0.01	32.70 2.20 -0.01
NYS_BARGE__HYD 23848	28.19 -0.55 0.00	26.15 -0.70 0.00	24.67 -0.74 0.00	23.03 -0.96 0.00	22.96 -1.03 0.00	24.59 -0.97 0.00	27.81 -1.10 0.00	28.62 -0.56 0.00	29.48 -0.36 0.00	31.95 0.22 0.00	30.73 -0.28 0.00	32.25 -0.13 0.00	35.90 1.01 0.00	39.63 1.60 0.00	42.82 1.69 0.00	46.84 2.69 0.00	62.96 4.98 -0.03	79.34 5.60 -0.03	66.01 4.83 -0.04	55.01 3.69 -0.03	48.96 2.68 0.00	42.01 1.89 0.00	35.66 1.21 0.00	30.43 -0.06 0.00

OAK ORCHARD___HYD 24046	28.50 -0.23 0.00	26.52 -0.32 0.00	25.00 -0.41 0.00	23.44 -0.55 0.00	23.40 -0.60 0.00	25.03 -0.54 0.00	28.44 -0.46 0.00	29.03 -0.15 0.00	29.84 0.00 0.00	32.11 0.38 0.00	31.22 0.22 0.00	32.74 0.36 0.00	35.97 1.08 0.00	39.56 1.52 0.00	42.86 1.73 0.00	46.70 2.56 0.00	62.40 4.46 0.01	79.23 5.53 0.01	65.96 4.83 0.01	54.97 3.69 0.01	49.06 2.78 0.00	42.05 1.93 0.00	35.52 1.07 0.00	30.74 0.24 0.00
OAKDALE___35_KV_LOAD 356122	29.05 0.32 0.00	27.06 0.21 0.00	25.48 0.08 0.00	23.99 0.00 0.00	24.00 0.00 0.00	25.56 0.00 0.00	29.14 0.23 0.00	29.61 0.44 0.00	30.32 0.48 0.00	32.40 0.67 0.00	31.56 0.56 0.00	32.99 0.62 0.00	35.83 0.94 0.00	39.22 1.18 0.00	42.57 1.44 0.00	46.05 1.90 0.00	61.07 3.13 0.00	77.54 3.83 0.00	64.26 3.12 0.00	53.69 2.41 0.00	48.41 2.13 0.00	41.61 1.48 0.00	35.42 0.96 0.00	31.01 0.52 0.00
OCC_CHEM___DRP 24175	27.59 -1.15 0.00	25.61 -1.23 0.00	24.29 -1.12 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.76 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.78 0.00	31.70 -0.68 0.00	35.16 0.28 0.00	38.76 0.72 0.00	42.00 0.86 0.00	45.92 1.77 0.00	62.31 4.35 -0.02	78.07 4.35 -0.02	65.19 4.04 -0.02	53.97 2.67 -0.02	48.13 1.85 0.00	41.25 1.12 0.00	34.69 0.24 0.00	29.70 -0.79 0.00
OH_GEN_PROXY 24063	27.65 -0.95 0.14	25.97 -1.02 -0.14	24.36 -1.04 0.00	22.74 -1.25 0.00	22.68 -1.32 0.00	24.29 -1.28 0.00	27.43 -1.47 0.00	28.18 -0.99 0.00	29.03 -0.80 0.00	31.44 -0.29 0.00	30.48 -0.53 0.00	31.93 -0.45 0.00	35.44 0.56 0.00	39.06 1.03 0.00	42.16 1.03 0.00	46.13 1.99 0.00	62.01 4.05 -0.01	78.14 4.42 -0.01	65.07 3.92 -0.01	54.27 2.97 -0.01	48.27 1.99 0.00	41.45 1.32 0.00	34.93 0.48 0.00	29.92 -0.58 0.00
OLIN_CORP_DRP 24177	27.73 -1.01 0.00	25.74 -1.10 0.00	24.39 -1.02 0.00	22.69 -1.30 0.00	22.60 -1.39 0.00	24.23 -1.33 0.00	27.34 -1.56 0.00	28.09 -1.08 0.00	28.94 -0.90 0.00	31.38 -0.35 0.00	30.35 -0.65 0.00	31.83 -0.55 0.00	35.30 0.42 0.00	38.95 0.91 0.00	42.20 1.07 0.00	46.18 2.03 0.00	62.60 4.64 -0.02	78.45 4.72 -0.02	65.45 4.28 -0.03	54.23 2.92 -0.02	48.41 2.13 0.00	41.45 1.32 0.00	34.93 0.48 0.00	29.89 -0.61 0.00
OLIN_CORP_DSASP 323712	27.59 -1.15 0.00	25.61 -1.23 0.00	24.18 -1.22 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.77 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.77 0.00	31.70 -0.68 0.00	35.23 0.35 0.00	38.87 0.84 0.00	41.96 0.82 0.00	45.87 1.72 0.00	61.67 3.71 -0.02	77.70 3.98 -0.02	64.70 3.54 -0.02	53.91 2.61 -0.02	47.94 1.66 0.00	41.21 1.08 0.00	34.76 0.31 0.00	29.70 -0.79 0.00
ONEIDA_HERK_LFGE 323681	29.22 0.49 0.00	27.22 0.38 0.00	25.71 0.31 0.00	24.23 0.24 0.00	24.26 0.26 0.00	25.87 0.31 0.00	29.43 0.52 0.00	29.90 0.73 0.00	30.38 0.54 0.00	32.27 0.54 0.00	31.44 0.43 0.00	32.93 0.55 0.00	35.55 0.66 0.00	38.95 0.91 0.00	42.20 1.07 0.00	45.52 1.37 0.00	58.35 1.50 1.09	73.28 2.14 2.57	62.94 1.83 0.03	52.92 1.64 0.00	47.76 1.48 0.00	41.21 1.08 0.00	35.14 0.69 0.00	30.95 0.46 0.00
ONEIDA___115KV_TB4 55905	29.60 0.86 0.00	27.57 0.72 0.00	25.99 0.58 0.00	24.49 0.50 0.00	24.52 0.53 0.00	26.15 0.59 0.00	29.80 0.90 0.00	29.93 0.76 0.00	30.52 0.69 0.00	32.49 0.76 0.00	31.66 0.65 0.00	33.12 0.74 0.00	35.79 0.91 0.00	39.18 1.14 0.00	42.49 1.36 0.00	45.87 1.72 0.00	60.95 3.19 0.18	77.42 4.13 0.42	64.49 3.36 0.01	54.10 2.82 0.00	48.83 2.55 0.00	41.97 1.85 0.00	35.79 1.34 0.00	31.50 1.01 0.00
ONONDAGA_REF_OCCRA 23987	28.82 0.09 0.00	26.87 0.03 0.00	25.33 -0.08 0.00	23.87 -0.12 0.00	23.88 -0.12 0.00	25.44 -0.13 0.00	28.96 0.06 0.00	29.11 -0.06 0.00	29.75 -0.09 0.00	31.76 0.03 0.00	30.97 -0.03 0.00	32.41 0.03 0.00	35.06 0.17 0.00	38.34 0.30 0.00	41.63 0.49 0.00	44.90 0.75 0.00	59.34 1.56 0.16	75.24 1.92 0.39	63.15 2.02 0.01	52.77 1.49 0.00	47.53 1.25 0.00	40.85 0.72 0.00	34.90 0.45 0.00	30.65 0.15 0.00
ONONDAGA___COGEN 23986	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00
ONTARIO___LFGE 23819	29.22 0.49 0.00	27.19 0.35 0.00	25.56 0.15 0.00	24.01 0.02 0.00	24.00 0.00 0.00	25.67 0.10 0.00	29.28 0.37 0.00	29.87 0.70 0.00	30.49 0.66 0.00	32.68 0.95 0.00	31.78 0.78 0.00	33.28 0.91 0.00	36.31 1.43 0.00	39.79 1.75 0.00	43.19 2.06 0.00	46.93 2.78 0.00	62.58 4.64 0.00	79.61 5.90 0.00	66.15 5.01 0.00	55.18 3.90 0.00	49.43 3.15 0.00	42.29 2.17 0.00	35.96 1.51 0.00	31.20 0.70 0.00
ORANGEVILLE_WT_PWR 323706	28.65 -0.09 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.41 -0.58 0.00	23.37 -0.62 0.00	25.00 -0.56 0.00	28.39 -0.52 0.00	29.17 0.00 0.00	29.96 0.12 0.00	32.40 0.67 0.00	31.41 0.40 0.00	32.96 0.58 0.00	36.49 1.61 0.00	40.17 2.13 0.00	43.44 2.30 0.00	47.37 3.22 -0.01	63.46 5.51 -0.01	80.21 6.49 -0.01	66.41 5.26 -0.01	55.40 4.10 -0.01	49.52 3.24 0.00	42.45 2.33 0.00	35.79 1.34 0.00	30.74 0.24 0.00
ORANGEVILLE___ESR 323794	28.65 -0.09 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.41 -0.58 0.00	23.37 -0.62 0.00	25.00 -0.56 0.00	28.39 -0.52 0.00	29.17 0.00 0.00	29.96 0.12 0.00	32.40 0.67 0.00	31.41 0.40 0.00	32.96 0.58 0.00	36.49 1.61 0.00	40.17 2.13 0.00	43.44 2.30 0.00	47.37 3.22 -0.01	63.46 5.51 -0.01	80.21 6.49 -0.01	66.41 5.26 -0.01	55.40 4.10 -0.01	49.52 3.24 0.00	42.45 2.33 0.00	35.79 1.34 0.00	30.74 0.24 0.00
OSWEGATCHIE___HYD 24044	27.87 -0.86 0.00	25.99 -0.86 0.00	24.74 -0.66 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.85 -0.72 0.00	28.13 -0.78 0.00	28.35 -0.82 0.00	28.82 -1.01 0.00	30.62 -1.11 0.00	29.86 -1.15 0.00	31.21 -1.16 0.00	33.63 -1.25 0.00	36.78 -1.25 0.00	39.82 -1.32 0.00	42.73 -1.41 0.00	49.99 -2.49 5.47	57.93 -2.95 12.83	58.92 -2.08 0.14	49.64 -1.64 0.00	45.17 -1.11 0.00	39.08 -1.04 0.00	33.28 -1.17 0.00	29.31 -1.19 0.00
OSWEGO___5 23606	28.33 -0.40 0.00	26.44 -0.40 0.00	24.92 -0.48 0.00	23.53 -0.46 0.00	23.52 -0.48 0.00	25.08 -0.49 0.00	28.41 -0.49 0.00	28.65 -0.52 0.00	29.27 -0.57 0.00	31.22 -0.51 0.00	30.48 -0.53 0.00	31.86 -0.52 0.00	34.43 -0.45 0.00	37.62 -0.42 0.00	40.76 -0.37 0.00	43.88 -0.26 0.00	57.89 -0.06 0.00	73.64 -0.07 0.00	61.14 0.00 0.00	51.18 -0.10 0.00	46.10 -0.18 0.00	39.80 -0.32 0.00	34.07 -0.38 0.00	30.01 -0.49 0.00

OSWEGO___6 23613	28.33 -0.40 0.00	26.44 -0.40 0.00	24.92 -0.48 0.00	23.53 -0.46 0.00	23.52 -0.48 0.00	25.08 -0.49 0.00	28.41 -0.49 0.00	28.65 -0.52 0.00	29.27 -0.57 0.00	31.22 -0.51 0.00	30.48 -0.53 0.00	31.86 -0.52 0.00	34.43 -0.45 0.00	37.62 -0.42 0.00	40.76 -0.37 0.00	43.88 -0.26 0.00	57.89 -0.06 0.00	73.64 -0.07 0.00	61.14 0.00 0.00	51.18 -0.10 0.00	46.10 -0.18 0.00	39.80 -0.32 0.00	34.07 -0.38 0.00	30.01 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	28.42 -0.32 0.00	26.36 -0.48 0.00	24.95 -0.46 0.00	23.20 -0.79 0.00	23.13 -0.86 0.00	24.77 -0.79 0.00	27.98 -0.92 0.00	28.85 -0.32 0.00	29.72 -0.12 0.00	32.24 0.51 0.00	31.19 0.19 0.00	32.77 0.39 0.00	36.38 1.50 0.00	40.24 2.21 0.00	43.60 2.47 0.00	47.51 3.36 0.00	64.34 6.37 -0.02	80.73 7.00 -0.02	67.16 5.99 -0.03	55.61 4.31 -0.02	49.66 3.38 0.00	42.61 2.49 0.00	35.86 1.41 0.00	30.68 0.18 0.00
OXBOW___BTM 323836	28.02 -0.72 0.00	26.01 -0.83 0.00	24.54 -0.86 0.00	22.89 -1.10 0.00	22.82 -1.18 0.00	24.46 -1.10 0.00	27.60 -1.30 0.00	28.41 -0.76 0.00	29.27 -0.57 0.00	31.76 0.03 0.00	30.76 -0.25 0.00	32.28 -0.10 0.00	35.93 1.05 0.00	39.71 1.67 0.00	42.86 1.73 0.00	46.75 2.60 0.00	62.88 4.92 -0.02	79.26 5.53 -0.02	65.87 4.71 -0.02	54.84 3.54 -0.02	48.78 2.50 0.00	41.97 1.85 0.00	35.38 0.93 0.00	30.22 -0.28 0.00
OXBOW____ 24026	28.02 -0.72 0.00	26.01 -0.83 0.00	24.62 -0.79 0.00	22.89 -1.10 0.00	22.82 -1.18 0.00	24.46 -1.10 0.00	27.60 -1.30 0.00	28.41 -0.76 0.00	29.27 -0.57 0.00	31.76 0.03 0.00	30.76 -0.25 0.00	32.28 -0.10 0.00	35.86 0.98 0.00	39.60 1.56 0.00	42.90 1.77 0.00	46.84 2.69 0.00	63.47 5.50 -0.02	79.62 5.90 -0.02	66.36 5.20 -0.02	54.89 3.59 -0.02	48.97 2.68 0.00	42.01 1.89 0.00	35.35 0.90 0.00	30.22 -0.27 0.00
OXY_CHEM_DSASP 323612	27.59 -1.15 0.00	25.61 -1.23 0.00	24.29 -1.12 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.76 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.78 0.00	31.70 -0.68 0.00	35.16 0.28 0.00	38.76 0.72 0.00	42.00 0.86 0.00	45.92 1.77 0.00	62.31 4.35 -0.02	78.07 4.35 -0.02	65.19 4.04 -0.02	53.97 2.67 -0.02	48.13 1.85 0.00	41.25 1.12 0.00	34.69 0.24 0.00	29.70 -0.79 0.00
OZONE_PARK_ESR 323760	30.80 2.07 0.00	28.64 1.80 0.00	26.70 1.30 0.00	25.14 1.15 0.00	25.17 1.18 0.00	26.97 1.41 0.00	30.84 1.94 0.00	31.36 2.19 0.00	32.32 2.48 0.00	34.33 2.60 0.00	33.77 2.76 0.00	35.23 2.85 0.00	37.78 2.90 0.00	41.04 3.00 0.00	44.22 3.09 0.00	47.81 3.66 0.00	62.35 4.40 0.00	80.54 6.12 -0.71	65.69 4.52 -0.02	54.92 3.64 0.00	49.61 3.33 0.00	42.69 2.57 0.00	36.97 2.51 0.00	32.81 2.32 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.59 -1.15 0.00	25.61 -1.23 0.00	24.29 -1.12 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.76 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.78 0.00	31.70 -0.68 0.00	35.16 0.28 0.00	38.76 0.72 0.00	42.00 0.86 0.00	45.92 1.77 0.00	62.31 4.35 -0.02	78.07 4.35 -0.02	65.19 4.04 -0.02	53.97 2.67 -0.02	48.13 1.85 0.00	41.25 1.12 0.00	34.69 0.24 0.00	29.70 -0.79 0.00
PACKARD___115KV_DUPONT_184 80571	27.59 -1.15 0.00	25.61 -1.23 0.00	24.29 -1.12 0.00	22.57 -1.42 0.00	22.51 -1.49 0.00	24.11 -1.46 0.00	27.17 -1.73 0.00	27.92 -1.25 0.00	28.76 -1.07 0.00	31.22 -0.51 0.00	30.23 -0.78 0.00	31.70 -0.68 0.00	35.16 0.28 0.00	38.76 0.72 0.00	42.00 0.86 0.00	45.92 1.77 0.00	62.31 4.35 -0.02	78.07 4.35 -0.02	65.19 4.04 -0.02	53.97 2.67 -0.02	48.13 1.85 0.00	41.25 1.12 0.00	34.69 0.24 0.00	29.70 -0.79 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	30.67 1.93 -0.01	28.63 1.77 -0.01	26.71 1.30 -0.01	25.15 1.15 -0.01	25.20 1.20 -0.01	26.94 1.38 0.00	30.73 1.82 -0.01	31.19 2.01 -0.01	32.02 2.18 -0.01	33.96 2.22 -0.01	33.40 2.39 -0.01	34.85 2.46 -0.01	37.37 2.48 -0.01	40.56 2.51 -0.01	43.82 2.67 -0.01	47.29 3.13 -0.01	61.65 3.71 0.00	79.73 5.31 -0.71	64.89 3.73 -0.02	54.41 3.13 0.00	49.10 2.82 0.00	42.42 2.29 -0.01	36.63 2.17 -0.01	32.67 2.17 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	30.96 2.21 -0.01	28.89 2.04 -0.01	26.96 1.55 -0.01	25.37 1.37 -0.01	25.42 1.42 -0.01	27.15 1.58 0.00	30.96 2.05 -0.01	31.43 2.25 -0.01	32.26 2.42 -0.01	34.21 2.48 -0.01	33.68 2.67 -0.01	35.14 2.75 -0.01	37.65 2.76 -0.01	40.90 2.85 -0.01	44.27 3.13 -0.01	47.77 3.62 -0.01	62.23 4.29 0.00	80.47 6.04 -0.71	65.56 4.40 -0.02	54.98 3.69 0.00	49.61 3.33 0.00	42.82 2.69 -0.01	37.01 2.55 -0.01	32.97 2.47 -0.01
PATROON___115KV_TB1 80586	29.34 0.60 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.54 0.64 0.00	29.75 0.58 0.00	30.44 0.60 0.00	32.27 0.54 0.00	31.53 0.53 0.00	32.93 0.55 0.00	35.37 0.49 0.00	38.46 0.42 0.00	41.63 0.49 0.00	44.81 0.66 0.00	58.70 0.75 0.00	74.16 1.11 0.66	62.10 0.98 0.02	52.26 0.97 0.00	47.35 1.06 0.00	40.77 0.64 0.00	35.07 0.62 0.00	31.23 0.73 0.00
PATTRSNVILLE___SOLAR 323815	30.03 1.29 0.00	28.08 1.24 0.00	26.37 0.97 0.00	24.93 0.93 0.00	24.93 0.93 0.00	26.59 1.02 0.00	30.21 1.30 0.00	30.31 1.14 0.00	30.88 1.04 0.00	32.68 0.95 0.00	31.91 0.90 0.00	33.32 0.94 0.00	35.86 0.98 0.00	39.02 0.99 0.00	42.20 1.07 0.00	45.47 1.32 0.00	59.80 1.85 0.00	76.30 3.10 0.50	64.00 2.87 0.02	53.75 2.46 0.00	48.64 2.36 0.00	42.01 1.89 0.00	36.10 1.65 0.00	31.99 1.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.79 0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.46 -0.53 0.00	23.42 -0.58 0.00	25.08 -0.49 0.00	28.44 -0.46 0.00	29.35 0.18 0.00	30.20 0.36 0.00	32.75 1.02 0.00	31.81 0.81 0.00	33.38 1.00 0.00	37.05 2.16 0.00	40.89 2.85 0.00	44.38 3.25 0.00	48.48 4.33 -0.01	65.09 7.13 -0.02	81.91 8.18 -0.02	67.09 5.93 -0.02	56.12 4.82 -0.02	50.59 4.30 0.00	43.21 3.09 0.00	36.28 1.83 0.00	31.08 0.58 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	30.57 1.84 0.00	28.48 1.64 0.00	26.55 1.14 0.00	25.05 1.06 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.64 1.73 0.00	31.04 1.87 0.00	31.93 2.09 0.00	33.95 2.22 0.00	33.30 2.29 0.00	34.68 2.30 0.00	37.22 2.34 0.00	40.47 2.43 0.00	43.73 2.59 0.00	47.24 3.09 0.00	61.83 3.88 0.00	79.56 5.23 -0.62	65.38 4.22 -0.02	54.67 3.38 0.00	49.52 3.24 0.00	42.53 2.41 0.00	36.59 2.14 0.00	32.57 2.07 0.00
PEEKSKILL____ 23653	30.26 1.52 0.00	28.21 1.37 0.00	26.34 0.94 0.00	24.81 0.82 0.00	24.83 0.84 0.00	26.59 1.02 0.00	30.35 1.44 0.00	30.80 1.63 0.00	31.66 1.82 0.00	33.60 1.87 0.00	32.96 1.95 0.00	34.35 1.98 0.00	36.80 1.92 0.00	39.98 1.94 0.00	43.07 1.93 0.00	46.44 2.29 0.00	60.84 2.90 0.00	78.16 3.76 -0.70	63.85 2.69 -0.02	53.49 2.20 0.00	48.18 1.90 0.00	41.73 1.61 0.00	36.10 1.65 0.00	32.20 1.71 0.00

PGE MADISON___WINDPWR 24146	31.18 2.44 0.00	28.97 2.12 0.00	27.18 1.78 0.00	25.55 1.56 0.00	25.63 1.63 0.00	27.33 1.76 0.00	31.39 2.49 0.00	31.74 2.57 0.00	32.11 2.27 0.00	34.14 2.41 0.00	33.12 2.11 0.00	34.71 2.33 0.00	37.64 2.76 0.00	41.42 3.38 0.00	44.96 3.83 0.00	48.92 4.77 0.00	65.19 7.24 0.00	83.44 9.73 0.00	69.33 8.20 0.00	58.26 6.97 0.00	52.34 6.06 0.00	44.82 4.69 0.00	38.07 3.62 0.00	33.15 2.65 0.00
PIERCEFIELD___HYD 23852	27.61 -1.12 0.00	25.83 -1.02 0.00	24.74 -0.66 0.00	23.39 -0.60 0.00	23.25 -0.74 0.00	24.80 -0.77 0.00	27.86 -1.04 0.00	28.06 -1.11 0.00	28.59 -1.25 0.00	30.40 -1.33 0.00	29.67 -1.33 0.00	30.99 -1.39 0.00	33.31 -1.57 0.00	36.36 -1.67 0.00	39.12 -2.02 0.00	41.50 -2.65 0.00	45.18 -4.64 8.13	48.66 -5.97 19.07	56.10 -4.83 0.21	47.44 -3.85 0.00	42.67 -3.61 0.00	38.00 -2.13 0.00	32.73 -1.72 0.00	28.94 -1.56 0.00
PINELAWN_CC_1 323563	30.98 2.24 0.00	29.44 2.12 -0.48	27.03 1.63 0.00	25.28 1.29 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.96 2.05 0.00	31.59 2.42 0.00	33.96 2.74 -1.37	34.24 2.51 0.00	33.83 2.82 0.00	35.16 2.78 0.00	37.08 2.20 0.00	40.28 2.24 0.00	43.64 2.47 -0.04	46.80 2.65 0.00	61.13 3.18 0.00	78.25 3.83 -0.71	64.10 2.93 -0.02	53.28 2.00 0.00	47.86 1.57 0.00	41.85 1.72 0.00	36.00 1.55 0.00	33.36 2.56 -0.31
PJM_GEN_HTP_PROXY 323702	30.29 1.69 0.14	28.52 1.53 -0.14	26.47 1.07 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.74 1.18 0.00	30.55 1.65 0.00	31.04 1.87 0.00	31.96 2.12 0.00	33.92 2.19 0.00	33.36 2.36 0.00	34.81 2.43 0.00	37.22 2.34 0.00	40.47 2.44 0.00	43.52 2.38 0.00	46.93 2.78 0.00	61.36 3.42 0.00	78.92 4.50 -0.71	64.34 3.18 -0.02	53.85 2.56 0.00	48.46 2.18 0.00	42.01 1.89 0.00	36.41 1.96 0.00	32.45 1.95 0.00
PJM_GEN_KEystone 24065	29.03 0.43 0.14	27.31 0.32 -0.14	25.38 0.03 0.05	23.45 -0.12 0.42	23.90 -0.10 0.00	25.56 0.00 0.00	29.13 0.23 0.00	29.72 0.55 0.00	30.55 0.71 0.00	32.68 0.95 0.00	31.94 0.93 0.00	33.32 0.94 0.00	36.21 1.33 0.00	39.56 1.52 0.00	42.74 1.60 0.00	46.27 2.12 0.00	61.31 3.36 0.00	78.14 4.05 -0.38	64.21 3.06 -0.02	53.70 2.41 0.00	48.22 1.94 0.00	41.61 1.49 0.00	35.59 1.14 0.00	31.23 0.73 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.46 1.87 0.14	28.99 1.74 -0.40	26.67 1.27 0.00	25.02 1.03 0.00	25.03 1.03 0.00	26.84 1.28 0.00	30.61 1.70 0.00	31.18 2.01 0.00	32.87 2.30 -0.74	33.89 2.16 0.00	33.39 2.39 0.00	34.74 2.36 0.00	37.01 2.13 0.00	40.24 2.21 0.00	43.48 2.34 0.00	46.84 2.69 0.00	61.24 3.30 0.00	78.33 3.90 -0.71	64.16 3.00 -0.02	53.44 2.15 0.00	47.99 1.71 0.00	41.77 1.65 0.00	36.04 1.59 0.00	32.76 2.10 -0.16
PJM_GEN_VFT_PROXY 323633	30.17 1.58 0.14	28.43 1.45 -0.14	26.37 0.97 0.00	24.81 0.82 0.00	24.86 0.86 0.00	26.64 1.07 0.00	30.44 1.53 0.00	30.95 1.78 0.00	31.87 2.03 0.00	33.82 2.09 0.00	33.24 2.23 0.00	34.68 2.30 0.00	37.08 2.20 0.00	40.32 2.28 0.00	43.31 2.18 0.00	46.75 2.60 0.00	61.07 3.13 0.00	78.62 4.20 -0.71	64.04 2.87 -0.02	53.59 2.31 0.00	48.22 1.94 0.00	41.81 1.68 0.00	36.28 1.82 0.00	32.33 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	29.43 0.69 0.00	27.46 0.62 0.00	26.29 0.89 0.00	24.83 0.84 0.00	24.72 0.72 0.00	26.38 0.82 0.00	29.69 0.78 0.00	29.93 0.76 0.00	30.61 0.78 0.00	32.65 0.92 0.00	31.94 0.93 0.00	33.25 0.87 0.00	35.83 0.94 0.00	39.03 0.99 0.00	40.31 -0.82 0.00	41.28 -2.87 0.00	53.03 -4.23 0.68	66.80 -5.31 1.61	56.72 -4.40 0.02	47.59 -3.69 0.00	42.58 -3.70 0.00	38.56 -1.56 0.00	34.55 0.10 0.00	30.50 0.00 0.00
PLEASANTVLY___LBMP 24000	30.06 1.32 0.00	28.05 1.21 0.00	26.24 0.84 0.00	24.73 0.74 0.00	24.79 0.79 0.00	26.51 0.95 0.00	30.21 1.30 0.00	30.60 1.43 0.00	31.42 1.58 0.00	33.32 1.59 0.00	32.65 1.64 0.00	34.03 1.65 0.00	36.49 1.60 0.00	39.63 1.60 0.00	42.78 1.65 0.00	46.13 1.99 0.00	60.32 2.38 0.00	77.69 3.17 -0.81	63.55 2.38 -0.03	53.28 2.00 0.00	48.22 1.94 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.02 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.88 0.89 0.00	24.93 0.94 0.00	26.69 1.12 0.00	30.44 1.53 0.00	30.92 1.75 0.00	31.81 1.97 0.00	33.73 2.00 0.00	33.11 2.11 0.00	34.55 2.17 0.00	37.05 2.16 0.00	40.20 2.17 0.00	43.44 2.30 0.00	46.84 2.69 0.00	61.19 3.24 0.00	78.85 4.42 -0.72	64.46 3.30 -0.02	53.95 2.67 0.00	48.78 2.50 0.00	42.01 1.89 0.00	36.28 1.83 0.00	32.33 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.34 1.61 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.88 0.89 0.00	24.93 0.94 0.00	26.69 1.12 0.00	30.44 1.53 0.00	30.92 1.75 0.00	31.81 1.97 0.00	33.73 2.00 0.00	33.11 2.11 0.00	34.55 2.17 0.00	37.05 2.16 0.00	40.20 2.17 0.00	43.44 2.30 0.00	46.84 2.69 0.00	61.19 3.24 0.00	78.85 4.42 -0.72	64.46 3.30 -0.02	53.95 2.67 0.00	48.78 2.50 0.00	42.01 1.89 0.00	36.28 1.83 0.00	32.33 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.23 1.49 0.00	28.21 1.37 0.00	26.37 0.97 0.00	24.88 0.89 0.00	24.93 0.94 0.00	26.64 1.07 0.00	30.38 1.47 0.00	30.72 1.55 0.00	31.63 1.79 0.00	33.51 1.78 0.00	32.84 1.83 0.00	34.16 1.78 0.00	36.70 1.81 0.00	39.86 1.83 0.00	43.15 2.02 0.00	46.62 2.47 0.00	60.78 2.84 0.00	77.56 3.98 0.13	64.38 3.24 0.00	53.95 2.67 0.00	48.87 2.59 0.00	41.97 1.85 0.00	36.21 1.76 0.00	32.23 1.74 0.00
POLETTI___ 23519	30.46 1.72 0.00	28.35 1.50 0.00	26.45 1.04 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.71 1.15 0.00	30.52 1.62 0.00	31.04 1.87 0.00	31.96 2.12 0.00	33.92 2.19 0.00	33.36 2.36 0.00	34.81 2.43 0.00	37.29 2.41 0.00	40.51 2.47 0.00	43.64 2.51 0.00	47.15 3.00 0.00	61.48 3.53 0.00	79.36 4.94 -0.71	64.71 3.55 -0.02	54.10 2.82 0.00	48.87 2.59 0.00	42.09 1.97 0.00	36.48 2.03 0.00	32.45 1.95 0.00
POMONA___ESR 323819	30.17 1.44 0.00	28.16 1.32 0.00	26.27 0.86 0.00	24.73 0.74 0.00	24.79 0.79 0.00	26.53 0.97 0.00	30.29 1.39 0.00	30.72 1.55 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.83 1.83 0.00	34.19 1.81 0.00	36.66 1.78 0.00	39.79 1.75 0.00	42.94 1.81 0.00	46.26 2.12 0.00	60.67 2.72 0.00	77.90 3.54 -0.65	63.67 2.51 -0.02	53.34 2.05 0.00	48.04 1.76 0.00	41.61 1.49 0.00	35.96 1.51 0.00	32.11 1.62 0.00
PORT_JEFF_3 23555	30.83 2.10 0.00	29.42 2.10 -0.48	27.03 1.63 0.00	25.24 1.25 0.00	25.19 1.20 0.00	27.08 1.51 -0.01	30.84 1.94 0.00	31.53 2.36 0.00	33.96 2.74 -1.37	34.08 2.35 0.00	33.80 2.79 0.00	35.03 2.66 0.00	37.15 2.27 0.00	40.32 2.28 0.00	43.75 2.59 -0.02	46.93 2.78 0.00	61.42 3.48 0.00	78.70 4.27 -0.71	64.34 3.18 -0.02	53.39 2.10 0.00	47.81 1.53 0.00	41.81 1.68 0.00	35.86 1.41 0.00	33.30 2.50 -0.31

PORT_JEFF_4 23616	30.83 2.10 0.00	29.42 2.10 -0.48	27.03 1.63 0.00	25.24 1.25 0.00	25.19 1.20 0.00	27.08 1.51 -0.01	30.84 1.94 0.00	31.53 2.36 0.00	33.96 2.74 -1.37	34.08 2.35 0.00	33.80 2.79 0.00	35.03 2.66 0.00	37.15 2.27 0.00	40.32 2.28 0.00	43.75 2.59 -0.02	46.93 2.78 0.00	61.42 3.48 0.00	78.70 4.27 -0.71	64.34 3.18 -0.02	53.39 2.10 0.00	47.81 1.53 0.00	41.81 1.68 0.00	35.86 1.41 0.00	33.30 2.50 -0.31
PORT_JEFF_IC 23713	30.89 2.16 0.00	29.42 2.09 -0.48	26.98 1.58 0.00	25.26 1.27 0.00	25.22 1.22 0.00	27.33 1.76 0.00	30.87 1.97 0.00	31.56 2.39 0.00	34.02 2.80 -1.37	34.08 2.35 0.00	33.86 2.85 0.00	35.23 2.85 0.00	37.54 2.65 0.00	40.74 2.70 0.00	44.37 3.21 -0.02	47.37 3.22 0.00	61.94 4.00 0.00	79.36 4.94 -0.71	64.95 3.79 -0.02	54.10 2.82 0.00	48.97 2.68 0.00	42.41 2.29 0.00	36.35 1.89 0.00	33.40 2.59 -0.31
PPL_PILGRIM_ST_GT1 24216	31.15 2.41 0.00	29.63 2.31 -0.48	27.21 1.80 0.00	25.43 1.44 0.00	25.41 1.42 0.00	27.31 1.74 -0.01	31.10 2.20 0.00	31.80 2.63 0.00	34.20 2.98 -1.37	34.40 2.67 0.00	33.98 2.98 0.00	35.32 2.95 0.00	37.50 2.62 0.00	40.78 2.74 0.00	44.28 3.09 -0.05	47.67 3.49 -0.03	61.66 3.71 0.00	78.92 4.50 -0.71	64.58 3.42 -0.02	53.64 2.36 0.00	48.41 2.13 0.00	42.33 2.21 0.00	36.28 1.82 0.00	33.55 2.75 -0.31
PPL_PILGRIM_ST_GT2 24217	31.15 2.41 0.00	29.63 2.31 -0.48	27.21 1.80 0.00	25.43 1.44 0.00	25.41 1.42 0.00	27.31 1.74 -0.01	31.10 2.20 0.00	31.80 2.63 0.00	34.20 2.98 -1.37	34.40 2.67 0.00	33.98 2.98 0.00	35.32 2.95 0.00	37.50 2.62 0.00	40.78 2.74 0.00	44.28 3.09 -0.05	47.67 3.49 -0.03	61.66 3.71 0.00	78.92 4.50 -0.71	64.58 3.42 -0.02	53.64 2.36 0.00	48.41 2.13 0.00	42.33 2.21 0.00	36.28 1.82 0.00	33.55 2.75 -0.31
PPL_SHRM_GT3 24213	30.60 1.87 0.00	29.39 2.07 -0.48	27.03 1.63 0.00	25.12 1.13 0.00	25.08 1.08 0.00	26.95 1.38 -0.01	30.70 1.79 0.00	31.39 2.22 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.64 2.63 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.24 3.09 0.00	61.94 4.00 0.00	79.36 4.94 -0.71	64.95 3.79 -0.02	53.85 2.56 0.00	48.13 1.85 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.18 2.38 -0.31
PPL_SHRM_GT4 24214	30.60 1.87 0.00	29.39 2.07 -0.48	27.03 1.63 0.00	25.12 1.13 0.00	25.08 1.08 0.00	26.95 1.38 -0.01	30.70 1.79 0.00	31.39 2.22 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.64 2.63 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.24 3.09 0.00	61.94 4.00 0.00	79.36 4.94 -0.71	64.95 3.79 -0.02	53.85 2.56 0.00	48.13 1.85 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.18 2.38 -0.31
PROJECT___ORANGE 1 24174	28.74 0.00 0.00	26.79 -0.05 0.00	25.25 -0.15 0.00	23.80 -0.19 0.00	23.80 -0.19 0.00	25.36 -0.20 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.78 -0.06 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.09 0.21 0.00	38.38 0.34 0.00	41.63 0.49 0.00	44.94 0.79 0.00	59.40 1.62 0.17	75.30 1.99 0.40	62.91 1.77 0.01	52.51 1.23 0.00	47.35 1.06 0.00	40.69 0.56 0.00	34.76 0.31 0.00	30.56 0.06 0.00
PROJECT___ORANGE 2 24166	28.74 0.00 0.00	26.79 -0.05 0.00	25.25 -0.15 0.00	23.80 -0.19 0.00	23.80 -0.19 0.00	25.36 -0.20 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.78 -0.06 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.09 0.21 0.00	38.38 0.34 0.00	41.63 0.49 0.00	44.94 0.79 0.00	59.40 1.62 0.17	75.30 1.99 0.40	62.91 1.77 0.01	52.51 1.23 0.00	47.35 1.06 0.00	40.69 0.56 0.00	34.76 0.31 0.00	30.56 0.06 0.00
PUCKETT___SOLAR 323809	29.54 0.80 0.00	27.52 0.67 0.00	25.86 0.46 0.00	24.35 0.36 0.00	24.38 0.38 0.00	26.00 0.43 0.00	29.65 0.75 0.00	30.10 0.93 0.00	30.67 0.83 0.00	32.68 0.95 0.00	31.78 0.78 0.00	33.19 0.81 0.00	36.00 1.12 0.00	39.45 1.41 0.00	42.78 1.65 0.00	46.31 2.16 0.00	61.48 3.54 0.00	78.36 4.65 0.00	64.99 3.85 0.00	54.57 3.29 0.00	49.06 2.78 0.00	42.25 2.13 0.00	36.00 1.55 0.00	31.53 1.04 0.00
PYRITES___HYD 24023	28.19 -0.55 0.00	26.36 -0.48 0.00	25.28 -0.13 0.00	23.89 -0.10 0.00	23.80 -0.19 0.00	25.38 -0.18 0.00	28.59 -0.32 0.00	28.73 -0.44 0.00	29.18 -0.66 0.00	31.00 -0.73 0.00	30.23 -0.78 0.00	31.54 -0.84 0.00	33.94 -0.94 0.00	37.09 -0.95 0.00	39.98 -1.15 0.00	42.42 -1.72 0.00	45.99 -3.36 8.60	49.26 -4.28 20.18	57.62 -3.30 0.22	48.87 -2.41 0.00	43.97 -2.31 0.00	39.04 -1.08 0.00	33.59 -0.86 0.00	29.64 -0.85 0.00
QUAKERRD_115KV_BK1 80622	27.96 -0.78 0.00	26.04 -0.81 0.00	24.59 -0.81 0.00	23.05 -0.94 0.00	23.01 -0.98 0.00	24.59 -0.97 0.00	27.98 -0.92 0.00	28.47 -0.70 0.00	29.24 -0.60 0.00	31.41 -0.32 0.00	30.57 -0.43 0.00	32.05 -0.32 0.00	35.02 0.14 0.00	38.53 0.49 0.00	41.88 0.74 0.00	45.56 1.41 0.00	61.07 3.13 0.00	77.32 3.61 0.00	64.56 3.42 0.01	53.54 2.26 0.00	47.90 1.62 0.00	40.97 0.84 0.00	34.66 0.21 0.00	30.07 -0.43 0.00
QUENSBRY_115KV_TB8 356137	31.32 2.59 0.00	29.29 2.44 0.00	27.49 2.08 0.00	25.93 1.94 0.00	25.72 1.73 0.00	27.51 1.94 0.00	31.27 2.37 0.00	31.39 2.22 0.00	32.20 2.36 0.00	34.17 2.44 0.00	33.39 2.39 0.00	34.94 2.56 0.00	37.67 2.79 0.00	41.00 2.97 0.00	44.59 3.46 0.00	48.16 4.02 0.00	63.56 5.62 0.00	80.56 7.59 0.74	68.09 6.97 0.02	57.18 5.90 0.00	51.70 5.41 0.00	44.10 3.97 0.00	38.07 3.62 0.00	33.61 3.11 0.00
RAMAPO___LBMP 323565	30.09 1.35 0.00	28.05 1.21 0.00	26.17 0.76 0.00	24.66 0.67 0.00	24.72 0.72 0.00	26.46 0.89 0.00	30.18 1.27 0.00	30.63 1.46 0.00	31.48 1.64 0.00	33.35 1.62 0.00	32.74 1.74 0.00	34.09 1.72 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.97 3.61 -0.64	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.61 1.48 0.00	35.90 1.45 0.00	32.02 1.52 0.00
RANKINE____ 23646	28.65 -0.09 0.00	26.58 -0.27 0.00	25.12 -0.28 0.00	23.39 -0.60 0.00	23.32 -0.67 0.00	24.98 -0.59 0.00	28.27 -0.64 0.00	29.14 -0.03 0.00	30.02 0.18 0.00	32.52 0.79 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.77 1.88 0.00	40.59 2.55 0.00	44.06 2.92 0.00	48.13 3.97 -0.01	64.97 7.01 -0.02	81.61 7.89 -0.02	67.58 6.42 -0.02	56.12 4.82 -0.02	50.26 3.98 0.00	42.97 2.85 0.00	36.10 1.65 0.00	30.89 0.40 0.00
RAVENSWOOD_GT2_1 24244	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.87 2.49 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	48.97 2.68 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00

RAVENSWOOD_GT2_2 24245	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.87 2.49 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	48.97 2.68 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD_GT2_3 24246	30.52 1.78 0.00	28.43 1.58 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.79 1.23 0.00	30.61 1.71 0.00	31.13 1.95 0.00	32.02 2.18 0.00	34.02 2.28 0.00	33.42 2.42 0.00	34.87 2.49 0.00	37.40 2.51 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.65 3.71 0.00	79.58 5.16 -0.71	64.89 3.73 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.55 2.10 0.00	32.54 2.04 0.00
RAVENSWOOD_GT2_4 24247	30.52 1.78 0.00	28.43 1.58 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.79 1.23 0.00	30.61 1.71 0.00	31.13 1.95 0.00	32.02 2.18 0.00	34.02 2.28 0.00	33.42 2.42 0.00	34.87 2.49 0.00	37.40 2.51 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.65 3.71 0.00	79.58 5.16 -0.71	64.89 3.73 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.55 2.10 0.00	32.54 2.04 0.00
RAVENSWOOD_GT3_1 24248	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.87 2.49 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD_GT3_2 24249	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.87 2.49 0.00	37.36 2.48 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.26 2.97 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD_GT3_3 24250	30.57 1.84 0.00	28.46 1.61 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.82 1.25 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.08 2.24 0.00	34.05 2.32 0.00	33.46 2.45 0.00	34.94 2.56 0.00	37.43 2.55 0.00	40.66 2.62 0.00	43.85 2.71 0.00	47.32 3.18 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	65.01 3.85 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.57 2.07 0.00
RAVENSWOOD_GT3_4 24251	30.57 1.84 0.00	28.46 1.61 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.82 1.25 0.00	30.64 1.73 0.00	31.15 1.98 0.00	32.08 2.24 0.00	34.05 2.32 0.00	33.46 2.45 0.00	34.94 2.56 0.00	37.43 2.55 0.00	40.66 2.62 0.00	43.85 2.71 0.00	47.32 3.18 0.00	61.71 3.77 0.00	79.66 5.23 -0.71	65.01 3.85 -0.02	54.36 3.08 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.62 2.17 0.00	32.57 2.07 0.00
RAVENSWOOD_GT_1 23729	34.28 1.93 -3.62	31.07 1.69 -2.53	28.62 1.22 -1.99	25.05 1.06 -0.01	25.67 1.13 -0.55	26.90 1.33 -0.01	32.13 1.82 -1.41	33.16 2.07 -1.92	33.97 2.33 -1.80	37.57 2.41 -3.42	37.46 2.57 -3.88	46.38 2.66 -11.35	44.50 2.65 -6.97	45.52 2.74 -4.75	54.61 2.84 -10.64	50.19 3.31 -2.73	61.89 3.82 -0.12	82.63 5.38 -3.54	64.95 3.79 -0.02	55.65 3.18 -1.19	51.18 2.92 -1.98	42.68 2.29 -0.27	37.99 2.27 -1.27	34.45 2.17 -1.79
RAVENSWOOD_GT_10 24258	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.81 2.25 0.17	33.20 2.39 0.20	34.30 2.49 0.57	37.01 2.48 0.35	40.53 2.55 0.06	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD_GT_11 24259	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.81 2.25 0.17	33.20 2.39 0.20	34.30 2.49 0.57	37.01 2.48 0.35	40.53 2.55 0.06	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD_GT_4 24252	33.23 1.75 -2.74	30.30 1.53 -1.93	27.98 1.07 -1.51	24.93 0.94 -0.01	25.40 0.98 -0.42	26.77 1.20 -0.01	31.64 1.68 -1.06	32.52 1.90 -1.45	33.35 2.15 -1.36	33.96 2.22 -0.01	33.39 2.39 0.01	34.85 2.46 -0.01	37.33 2.44 -0.01	43.32 2.51 -2.77	51.81 2.59 -8.09	49.26 3.05 -2.07	61.68 3.65 -0.09	81.58 5.01 -2.86	64.83 3.67 -0.02	55.11 2.92 -0.90	50.48 2.68 -1.51	42.36 2.05 -0.19	37.47 2.07 -0.95	33.83 1.98 -1.35
RAVENSWOOD_GT_5 24254	33.23 1.75 -2.74	30.30 1.53 -1.93	27.98 1.07 -1.51	24.93 0.94 -0.01	25.40 0.98 -0.42	26.77 1.20 -0.01	31.64 1.68 -1.06	32.52 1.90 -1.45	33.35 2.15 -1.36	33.96 2.22 -0.01	33.39 2.39 0.01	34.85 2.46 -0.01	37.33 2.44 -0.01	43.32 2.51 -2.77	51.81 2.59 -8.09	49.26 3.05 -2.07	61.68 3.65 -0.09	81.58 5.01 -2.86	64.83 3.67 -0.02	55.11 2.92 -0.90	50.48 2.68 -1.51	42.36 2.05 -0.19	37.47 2.07 -0.95	33.83 1.98 -1.35
RAVENSWOOD_GT_6 24253	33.23 1.75 -2.74	30.30 1.53 -1.93	27.98 1.07 -1.51	24.93 0.94 -0.01	25.40 0.98 -0.42	26.77 1.20 -0.01	31.64 1.68 -1.06	32.52 1.90 -1.45	33.35 2.15 -1.36	33.96 2.22 -0.01	33.39 2.39 0.01	34.85 2.46 -0.01	37.33 2.44 -0.01	43.32 2.51 -2.77	51.81 2.59 -8.09	49.26 3.05 -2.07	61.68 3.65 -0.09	81.58 5.01 -2.86	64.83 3.67 -0.02	55.11 2.92 -0.90	50.48 2.68 -1.51	42.36 2.05 -0.19	37.47 2.07 -0.95	33.83 1.98 -1.35
RAVENSWOOD_GT_7 24255	33.23 1.75 -2.74	30.30 1.53 -1.93	27.98 1.07 -1.51	24.93 0.94 -0.01	25.40 0.98 -0.42	26.77 1.20 -0.01	31.64 1.68 -1.06	32.52 1.90 -1.45	33.35 2.15 -1.36	33.96 2.22 -0.01	33.39 2.39 0.01	34.85 2.46 -0.01	37.33 2.44 -0.01	43.32 2.51 -2.77	51.81 2.59 -8.09	49.26 3.05 -2.07	61.68 3.65 -0.09	81.58 5.01 -2.86	64.83 3.67 -0.02	55.11 2.92 -0.90	50.48 2.68 -1.51	42.36 2.05 -0.19	37.47 2.07 -0.95	33.83 1.98 -1.35
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.81 2.25 0.17	33.20 2.39 0.20	34.30 2.49 0.57	37.01 2.48 0.35	40.53 2.55 0.06	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00

RAVENSWOOD_GT_9 24257	30.52 1.78 0.00	28.40 1.56 0.00	26.50 1.09 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.81 2.25 0.17	33.20 2.39 0.20	34.30 2.49 0.57	37.01 2.48 0.35	40.53 2.55 0.06	43.73 2.59 0.00	47.24 3.09 0.00	61.59 3.65 0.00	79.51 5.09 -0.71	64.83 3.67 -0.02	54.21 2.92 0.00	49.01 2.73 0.00	42.21 2.09 0.00	36.55 2.10 0.00	32.51 2.01 0.00
RAVENSWOOD___1 23533	30.64 1.90 -0.01	28.57 1.72 0.00	26.63 1.22 -0.01	25.04 1.05 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.73 1.82 -0.01	31.25 2.07 -0.01	32.14 2.30 -0.01	35.84 2.41 -1.70	35.48 2.54 -1.93	40.64 2.62 -5.64	40.93 2.58 -3.46	41.25 2.66 -0.55	43.78 2.63 -0.01	47.24 3.09 -0.01	61.54 3.59 0.00	79.29 4.86 -0.71	64.46 3.30 -0.02	54.15 2.87 0.00	48.69 2.41 0.00	42.30 2.17 -0.01	36.67 2.21 -0.01	32.64 2.13 -0.01
RAVENSWOOD___2 23534	30.64 1.90 -0.01	28.54 1.69 0.00	26.63 1.22 -0.01	25.02 1.03 0.00	25.10 1.10 0.00	26.87 1.30 0.00	30.71 1.79 -0.01	31.22 2.04 -0.01	32.14 2.30 -0.01	35.80 2.38 -1.69	35.44 2.51 -1.93	40.62 2.62 -5.62	40.91 2.58 -3.45	41.25 2.66 -0.55	43.78 2.63 -0.01	47.20 3.04 -0.01	61.54 3.59 0.00	79.29 4.86 -0.71	64.46 3.30 -0.02	54.15 2.87 0.00	48.69 2.41 0.00	42.30 2.17 -0.01	36.67 2.21 -0.01	32.64 2.13 -0.01
RAVENSWOOD___3 23535	30.52 1.78 0.00	28.43 1.58 0.00	26.52 1.12 0.00	24.95 0.96 0.00	25.00 1.01 0.00	26.77 1.20 0.00	30.58 1.68 0.00	31.10 1.92 0.00	32.02 2.18 0.00	33.98 2.25 0.00	33.39 2.39 0.00	34.84 2.46 0.00	37.29 2.41 0.00	40.55 2.51 0.00	43.60 2.47 0.00	47.01 2.87 0.00	61.42 3.48 0.00	79.07 4.65 -0.71	64.40 3.24 -0.02	53.95 2.67 0.00	48.55 2.27 0.00	42.09 1.97 0.00	36.48 2.03 0.00	32.51 2.01 0.00
RAVENSWOOD___4 23820	27.06 1.87 3.55	26.05 1.69 2.49	24.68 1.22 1.95	25.01 1.03 0.01	24.56 1.10 0.54	26.86 1.30 0.01	29.33 1.79 1.37	29.34 2.04 1.88	30.38 2.30 1.76	34.10 2.38 0.01	33.52 2.51 -0.01	34.96 2.59 0.01	37.46 2.58 0.01	37.12 2.55 3.58	33.31 2.63 10.46	44.52 3.04 2.67	61.42 3.59 0.12	76.51 4.86 2.07	64.46 3.30 -0.02	52.98 2.87 1.17	46.73 2.41 1.95	42.00 2.13 0.25	35.42 2.21 1.23	30.88 2.13 1.75
RCPI_TRUST___DRP 24196	30.49 1.75 0.00	28.38 1.53 0.00	26.47 1.07 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	34.02 2.28 0.00	33.46 2.45 0.00	34.90 2.53 0.00	37.40 2.51 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.28 3.13 0.00	61.71 3.77 0.00	79.58 5.16 -0.71	64.95 3.79 -0.02	54.21 2.92 0.00	48.97 2.68 0.00	42.21 2.09 0.00	36.52 2.07 0.00	32.48 1.98 0.00
RED___ROCHESTER 323720	28.68 -0.06 0.00	26.69 -0.16 0.00	25.15 -0.25 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	33.03 0.65 0.00	36.31 1.43 0.00	39.98 1.94 0.00	43.35 2.22 0.00	47.28 3.13 0.00	63.15 5.22 0.01	80.11 6.41 0.01	66.75 5.62 0.01	55.59 4.31 0.01	49.62 3.33 0.00	42.49 2.37 0.00	35.86 1.41 0.00	30.98 0.49 0.00
REGAN___SOLAR 323812	31.21 2.47 0.00	29.15 2.31 0.00	27.39 1.98 0.00	25.86 1.87 0.00	25.92 1.92 0.00	27.68 2.12 0.00	31.51 2.60 0.00	31.42 2.25 0.00	31.93 2.09 0.00	33.76 2.03 0.00	32.93 1.92 0.00	34.32 1.94 0.00	37.05 2.16 0.00	40.32 2.28 0.00	43.73 2.59 0.00	47.19 3.04 0.00	62.29 4.35 0.00	80.25 7.01 0.46	67.67 6.55 0.01	56.67 5.38 0.00	51.37 5.09 0.00	44.14 4.01 0.00	37.79 3.34 0.00	33.27 2.77 0.00
RENSSELAER___COGEN 23796	29.17 0.43 0.00	27.35 0.51 0.00	25.68 0.28 0.00	24.25 0.26 0.00	24.26 0.26 0.00	25.87 0.31 0.00	29.37 0.46 0.00	29.58 0.41 0.00	30.29 0.45 0.00	32.08 0.35 0.00	31.35 0.34 0.00	32.74 0.36 0.00	35.09 0.21 0.00	38.15 0.11 0.00	41.22 0.08 0.00	44.28 0.13 0.00	58.00 0.06 0.00	73.20 0.15 0.66	61.18 0.06 0.02	51.59 0.31 0.00	46.65 0.37 0.00	40.37 0.24 0.00	34.83 0.38 0.00	31.01 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.02 4.28 0.00	30.85 4.00 0.00	28.91 3.51 0.00	27.28 3.29 0.00	27.09 3.10 0.00	29.04 3.48 0.00	32.95 4.05 0.00	33.55 4.38 0.00	34.46 4.62 0.00	36.55 4.82 0.00	35.72 4.71 0.00	37.36 4.99 0.00	40.43 5.55 0.00	44.01 5.97 0.00	48.17 7.03 0.00	52.05 7.90 0.00	69.18 11.24 0.00	88.23 15.26 0.74	75.12 14.00 0.02	63.08 11.80 0.00	57.06 10.78 0.00	48.23 8.11 0.00	41.31 6.86 0.00	36.26 5.76 0.00
REVERE_CPPR_DRP 24186	29.80 1.06 0.00	27.73 0.89 0.00	26.14 0.74 0.00	24.61 0.62 0.00	24.67 0.67 0.00	26.30 0.74 0.00	29.97 1.07 0.00	30.80 1.63 0.00	31.21 1.37 0.00	33.16 1.43 0.00	32.22 1.21 0.00	33.84 1.46 0.00	36.56 1.67 0.00	40.24 2.21 0.00	43.69 2.55 0.00	47.28 3.13 0.00	59.89 3.48 1.54	74.68 4.57 3.60	64.91 3.79 0.02	54.51 3.23 0.00	49.15 2.87 0.00	42.29 2.17 0.00	36.00 1.55 0.00	31.65 1.16 0.00
REYNOLDS_115KV_TB3 80639	29.43 0.69 0.00	27.57 0.72 0.00	25.91 0.51 0.00	24.47 0.48 0.00	24.48 0.48 0.00	26.13 0.56 0.00	29.63 0.72 0.00	29.90 0.73 0.00	30.58 0.75 0.00	32.40 0.67 0.00	31.66 0.65 0.00	33.03 0.65 0.00	35.44 0.56 0.00	38.53 0.49 0.00	41.63 0.49 0.00	44.81 0.66 0.00	58.64 0.70 0.00	73.88 0.96 0.79	61.85 0.73 0.03	52.21 0.92 0.00	47.30 1.02 0.00	40.81 0.68 0.00	35.14 0.69 0.00	31.35 0.85 0.00
RIVERBAY____ 323610	30.96 2.21 -0.01	28.89 2.04 -0.01	26.96 1.55 -0.01	25.37 1.37 -0.01	25.42 1.42 -0.01	27.15 1.58 0.00	30.96 2.05 -0.01	31.43 2.25 -0.01	32.26 2.42 -0.01	34.21 2.48 -0.01	33.68 2.67 -0.01	35.14 2.75 -0.01	37.65 2.76 -0.01	40.90 2.85 -0.01	44.27 3.13 -0.01	47.77 3.62 -0.01	62.23 4.29 0.00	80.47 6.04 -0.71	65.56 4.40 -0.02	54.98 3.69 0.00	49.61 3.33 0.00	42.82 2.69 -0.01	37.01 2.55 -0.01	32.97 2.47 -0.01
RIVERSDE_115KV_TB3 55908	29.31 0.57 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.51 0.61 0.00	29.70 0.53 0.00	30.41 0.57 0.00	32.21 0.48 0.00	31.50 0.50 0.00	32.86 0.49 0.00	35.30 0.42 0.00	38.38 0.34 0.00	41.51 0.37 0.00	44.68 0.53 0.00	58.47 0.52 0.00	73.76 0.74 0.69	61.79 0.67 0.02	52.05 0.77 0.00	47.16 0.88 0.00	40.65 0.52 0.00	35.00 0.55 0.00	31.17 0.67 0.00
ROARING___BROOK_WT_PWR 323790	28.39 -0.34 0.00	26.52 -0.32 0.00	25.25 -0.15 0.00	23.85 -0.14 0.00	23.83 -0.17 0.00	25.36 -0.21 0.00	28.56 -0.35 0.00	28.79 -0.38 0.00	29.45 -0.39 0.00	31.35 -0.38 0.00	30.67 -0.34 0.00	31.99 -0.39 0.00	34.43 -0.45 0.00	37.54 -0.50 0.00	40.60 -0.54 0.00	43.40 -0.75 0.00	57.06 -1.28 -0.39	73.01 -1.62 -0.93	59.93 -1.22 -0.01	50.05 -1.23 0.00	45.13 -1.16 0.00	39.04 -1.08 0.00	33.38 -1.07 0.00	29.49 -1.01 0.00

ROCHESRG_115KV_T4 355643	28.36 -0.37 0.00	26.42 -0.43 0.00	24.95 -0.46 0.00	23.34 -0.65 0.00	23.30 -0.70 0.00	24.92 -0.64 0.00	28.30 -0.61 0.00	28.88 -0.29 0.00	29.69 -0.15 0.00	31.95 0.22 0.00	31.07 0.06 0.00	32.54 0.16 0.00	35.69 0.80 0.00	39.25 1.22 0.00	42.62 1.48 0.00	46.48 2.34 0.00	62.46 4.52 0.01	78.94 5.23 0.01	65.96 4.83 0.01	54.66 3.38 0.01	48.83 2.55 0.00	41.81 1.69 0.00	35.31 0.86 0.00	30.56 0.06 0.00
ROCHESTER_9_IC 23652	28.53 -0.20 0.00	26.55 -0.30 0.00	25.07 -0.33 0.00	23.46 -0.53 0.00	23.42 -0.58 0.00	25.05 -0.51 0.00	28.47 -0.43 0.00	29.05 -0.12 0.00	29.87 0.03 0.00	32.18 0.44 0.00	31.28 0.28 0.00	32.80 0.42 0.00	35.97 1.08 0.00	39.60 1.56 0.00	43.03 1.89 0.00	46.93 2.78 0.00	63.04 5.10 0.01	79.75 6.04 0.01	66.63 5.50 0.01	55.17 3.90 0.01	49.34 3.05 0.00	42.17 2.05 0.00	35.59 1.14 0.00	30.80 0.30 0.00
ROCKVIEW_13_KV_LD 356306	30.49 1.75 0.00	28.40 1.56 0.00	26.52 1.12 0.00	24.97 0.98 0.00	25.03 1.03 0.00	26.79 1.23 0.00	30.61 1.71 0.00	31.10 1.93 0.00	32.02 2.18 0.00	33.95 2.22 0.00	33.36 2.36 0.00	34.81 2.43 0.00	37.33 2.44 0.00	40.51 2.47 0.00	43.77 2.63 0.00	47.24 3.09 0.00	61.65 3.71 0.00	79.51 5.09 -0.71	64.95 3.79 -0.02	54.31 3.03 0.00	49.10 2.82 0.00	42.29 2.17 0.00	36.52 2.07 0.00	32.51 2.01 0.00
ROME____115KV_TB2 80656	29.80 1.06 0.00	27.73 0.89 0.00	26.14 0.74 0.00	24.61 0.62 0.00	24.67 0.67 0.00	26.30 0.74 0.00	29.97 1.07 0.00	30.80 1.63 0.00	31.21 1.37 0.00	33.16 1.43 0.00	32.22 1.21 0.00	33.84 1.46 0.00	36.56 1.67 0.00	40.24 2.21 0.00	43.69 2.55 0.00	47.28 3.13 0.00	59.89 3.48 1.54	74.68 4.57 3.60	64.91 3.79 0.02	54.51 3.23 0.00	49.15 2.87 0.00	42.29 2.17 0.00	36.00 1.55 0.00	31.65 1.16 0.00
ROSETON___1 23587	30.03 1.29 0.00	28.03 1.18 0.00	26.19 0.79 0.00	24.69 0.70 0.00	24.74 0.74 0.00	26.43 0.87 0.00	30.15 1.24 0.00	30.54 1.37 0.00	31.39 1.55 0.00	33.25 1.52 0.00	32.62 1.61 0.00	34.00 1.62 0.00	36.42 1.53 0.00	39.56 1.52 0.00	42.61 1.48 0.00	45.87 1.72 0.00	60.09 2.15 0.00	77.16 2.80 -0.65	63.12 1.96 -0.02	52.97 1.69 0.00	47.76 1.48 0.00	41.41 1.28 0.00	35.79 1.34 0.00	31.96 1.46 0.00
ROSETON___2 23588	30.03 1.29 0.00	28.03 1.18 0.00	26.19 0.79 0.00	24.69 0.70 0.00	24.74 0.74 0.00	26.43 0.87 0.00	30.15 1.24 0.00	30.54 1.37 0.00	31.39 1.55 0.00	33.25 1.52 0.00	32.62 1.61 0.00	34.00 1.62 0.00	36.42 1.53 0.00	39.56 1.52 0.00	42.61 1.48 0.00	45.87 1.72 0.00	60.09 2.15 0.00	77.16 2.80 -0.65	63.12 1.96 -0.02	52.97 1.69 0.00	47.76 1.48 0.00	41.41 1.28 0.00	35.79 1.34 0.00	31.96 1.46 0.00
ROTTRDAM_115KV_TB3 80664	29.66 0.92 0.00	27.70 0.86 0.00	26.06 0.66 0.00	24.64 0.65 0.00	24.64 0.65 0.00	26.28 0.72 0.00	29.83 0.92 0.00	30.05 0.88 0.00	30.70 0.87 0.00	32.59 0.86 0.00	31.84 0.84 0.00	33.22 0.84 0.00	35.76 0.87 0.00	38.91 0.87 0.00	42.12 0.99 0.00	45.34 1.19 0.00	59.45 1.51 0.00	75.40 2.21 0.52	63.08 1.96 0.02	53.03 1.74 0.00	47.95 1.67 0.00	41.37 1.24 0.00	35.59 1.14 0.00	31.56 1.07 0.00
RUSSELL___1 23602	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
RUSSELL___2 23532	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
RUSSELL___3 23549	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
RUSSELL___4 23556	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
RUSSELL___STATION 23914	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
S SALMON___HYD 24043	28.48 -0.26 0.00	26.55 -0.29 0.00	25.02 -0.38 0.00	23.61 -0.38 0.00	23.61 -0.38 0.00	25.18 -0.38 0.00	28.59 -0.32 0.00	28.76 -0.41 0.00	29.30 -0.54 0.00	31.26 -0.48 0.00	30.51 -0.50 0.00	31.93 -0.45 0.00	34.50 -0.38 0.00	37.77 -0.26 0.00	40.80 -0.33 0.00	43.97 -0.18 0.00	57.08 0.00 0.86	71.84 0.15 2.02	61.42 0.31 0.02	51.59 0.31 0.00	46.51 0.23 0.00	40.24 0.12 0.00	34.38 -0.07 0.00	30.19 -0.30 0.00
S.PERRY__115KV_TB1 80734	29.57 0.83 0.00	27.46 0.62 0.00	25.89 0.48 0.00	24.21 0.22 0.00	24.16 0.17 0.00	25.87 0.31 0.00	29.54 0.64 0.00	30.19 1.02 0.00	30.73 0.90 0.00	32.94 1.21 0.00	31.84 0.84 0.00	33.35 0.97 0.00	35.44 0.56 0.00	39.03 0.99 0.00	42.49 1.36 0.00	46.49 2.34 0.00	62.46 4.52 0.00	79.39 5.68 0.00	66.76 5.62 0.00	56.00 4.72 0.00	50.35 4.07 0.00	42.89 2.77 0.00	37.21 2.76 0.00	31.99 1.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.28 -0.46 0.00	26.23 -0.62 0.00	24.82 -0.58 0.00	23.10 -0.89 0.00	23.04 -0.96 0.00	24.67 -0.89 0.00	27.89 -1.01 0.00	28.70 -0.47 0.00	29.57 -0.27 0.00	32.05 0.32 0.00	31.07 0.06 0.00	32.61 0.23 0.00	36.17 1.29 0.00	39.90 1.86 0.00	43.27 2.14 0.00	47.34 3.18 -0.01	64.04 6.08 -0.01	80.36 6.63 -0.01	66.84 5.69 -0.02	55.40 4.10 -0.01	49.52 3.24 0.00	42.37 2.25 0.00	35.62 1.17 0.00	30.47 -0.03 0.00

SAWYER___23_KV_LOAD 55526	28.28 -0.46 0.00	26.23 -0.62 0.00	24.82 -0.58 0.00	23.10 -0.89 0.00	23.04 -0.96 0.00	24.67 -0.89 0.00	27.89 -1.01 0.00	28.70 -0.47 0.00	29.57 -0.27 0.00	32.05 0.32 0.00	31.07 0.06 0.00	32.61 0.23 0.00	36.17 1.29 0.00	39.90 1.86 0.00	43.27 2.14 0.00	47.34 3.18 -0.01	64.04 6.08 -0.01	80.36 6.63 -0.01	66.84 5.69 -0.02	55.40 4.10 -0.01	49.52 3.24 0.00	42.37 2.25 0.00	35.62 1.17 0.00	30.47 -0.03 0.00
SELKIRK___I 23801	29.45 0.72 0.00	27.60 0.75 0.00	25.96 0.56 0.00	24.54 0.55 0.00	24.55 0.55 0.00	26.15 0.59 0.00	29.65 0.75 0.00	29.84 0.67 0.00	30.47 0.63 0.00	32.27 0.54 0.00	31.47 0.47 0.00	32.83 0.45 0.00	35.23 0.35 0.00	38.34 0.30 0.00	41.43 0.29 0.00	44.54 0.40 0.00	58.46 0.52 0.00	74.22 0.89 0.38	61.98 0.86 0.01	52.26 0.97 0.00	47.25 0.97 0.00	40.88 0.76 0.00	35.21 0.76 0.00	31.32 0.82 0.00
SELKIRK___II 23799	29.28 0.54 0.00	27.44 0.59 0.00	25.76 0.36 0.00	24.35 0.36 0.00	24.38 0.38 0.00	25.97 0.41 0.00	29.48 0.58 0.00	29.72 0.55 0.00	30.40 0.57 0.00	32.24 0.51 0.00	31.50 0.49 0.00	32.89 0.52 0.00	35.27 0.38 0.00	38.38 0.34 0.00	41.46 0.33 0.00	44.54 0.40 0.00	58.35 0.41 0.00	73.84 0.59 0.46	61.56 0.43 0.01	51.85 0.57 0.00	46.88 0.60 0.00	40.61 0.48 0.00	35.00 0.55 0.00	31.14 0.64 0.00
SENECA OSWGO___HYD 24041	28.45 -0.29 0.00	26.52 -0.32 0.00	25.00 -0.41 0.00	23.58 -0.41 0.00	23.56 -0.43 0.00	25.13 -0.43 0.00	28.53 -0.38 0.00	28.76 -0.41 0.00	29.36 -0.48 0.00	31.32 -0.41 0.00	30.54 -0.46 0.00	31.96 -0.42 0.00	34.54 -0.35 0.00	37.77 -0.26 0.00	40.93 -0.20 0.00	44.06 -0.09 0.00	57.96 0.29 0.27	73.52 0.44 0.64	61.50 0.37 0.01	51.54 0.26 0.00	46.37 0.09 0.00	40.04 -0.08 0.00	34.25 -0.21 0.00	30.13 -0.36 0.00
SENECA___115KV_TB3 355854	28.71 -0.03 0.00	26.60 -0.24 0.00	25.15 -0.25 0.00	23.41 -0.58 0.00	23.37 -0.62 0.00	25.03 -0.54 0.00	28.33 -0.58 0.00	29.20 0.03 0.00	30.08 0.24 0.00	32.59 0.86 0.00	31.63 0.62 0.00	33.19 0.81 0.00	36.84 1.95 0.00	40.70 2.66 0.00	44.18 3.04 0.00	48.26 4.11 -0.01	65.14 7.19 -0.02	81.83 8.11 -0.02	67.70 6.54 -0.02	56.22 4.92 -0.02	50.35 4.07 0.00	43.05 2.93 0.00	36.17 1.72 0.00	30.95 0.46 0.00
SENECA___ENERGY 23797	28.88 0.14 0.00	26.87 0.03 0.00	25.28 -0.13 0.00	23.77 -0.22 0.00	23.78 -0.22 0.00	25.41 -0.15 0.00	28.93 0.03 0.00	29.35 0.18 0.00	29.99 0.15 0.00	32.08 0.35 0.00	31.25 0.25 0.00	32.74 0.36 0.00	35.58 0.70 0.00	38.99 0.95 0.00	42.33 1.19 0.00	45.82 1.68 0.00	60.74 2.95 0.15	77.11 3.76 0.36	64.37 3.24 0.00	53.75 2.46 0.00	48.27 1.99 0.00	41.37 1.25 0.00	35.24 0.79 0.00	30.71 0.21 0.00
SHOEMAKER___GT 23640	29.86 1.12 0.00	27.87 1.02 0.00	26.06 0.66 0.00	24.59 0.60 0.00	24.64 0.65 0.00	26.31 0.74 0.00	30.00 1.10 0.00	30.34 1.17 0.00	31.15 1.31 0.00	33.00 1.27 0.00	32.37 1.36 0.00	33.71 1.33 0.00	36.21 1.33 0.00	39.37 1.33 0.00	42.49 1.36 0.00	45.78 1.63 0.00	60.09 2.15 0.00	77.15 2.87 -0.57	63.30 2.14 -0.02	53.13 1.84 0.00	47.90 1.62 0.00	41.41 1.28 0.00	35.73 1.28 0.00	31.81 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	29.86 1.12 0.00	27.84 0.99 0.00	26.06 0.66 0.00	24.59 0.60 0.00	24.62 0.62 0.00	26.30 0.74 0.00	29.97 1.07 0.00	30.34 1.17 0.00	31.15 1.31 0.00	33.03 1.30 0.00	32.37 1.36 0.00	33.74 1.36 0.00	36.24 1.36 0.00	39.41 1.37 0.00	42.62 1.48 0.00	45.96 1.81 0.00	60.20 2.26 0.00	77.44 3.17 -0.56	63.60 2.45 -0.02	53.28 2.00 0.00	48.18 1.90 0.00	41.49 1.36 0.00	35.73 1.27 0.00	31.81 1.31 0.00
SHOREHAM_IC_1 23715	30.60 1.87 0.00	29.39 2.07 -0.48	27.03 1.63 0.00	25.12 1.13 0.00	25.08 1.08 0.00	26.95 1.38 -0.01	30.70 1.79 0.00	31.39 2.22 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.64 2.63 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.24 3.09 0.00	61.94 4.00 0.00	79.36 4.94 -0.71	64.95 3.79 -0.02	53.85 2.56 0.00	48.13 1.85 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.18 2.38 -0.31
SHOREHAM_IC_2 23716	30.60 1.87 0.00	29.39 2.07 -0.48	27.03 1.63 0.00	25.12 1.13 0.00	25.08 1.08 0.00	26.95 1.38 -0.01	30.70 1.79 0.00	31.39 2.22 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.64 2.63 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.24 3.09 0.00	61.94 4.00 0.00	79.36 4.94 -0.71	64.95 3.79 -0.02	53.85 2.56 0.00	48.13 1.85 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.18 2.38 -0.31
SISSONVILLE____ 23735	27.61 -1.12 0.00	25.83 -1.02 0.00	24.74 -0.66 0.00	23.39 -0.60 0.00	23.25 -0.74 0.00	24.80 -0.77 0.00	27.86 -1.04 0.00	28.06 -1.11 0.00	28.59 -1.25 0.00	30.40 -1.33 0.00	29.67 -1.33 0.00	30.99 -1.39 0.00	33.31 -1.57 0.00	36.36 -1.67 0.00	39.12 -2.02 0.00	41.50 -2.65 0.00	45.18 -4.64 8.13	48.66 -5.97 19.07	56.10 -4.83 0.21	47.44 -3.85 0.00	42.67 -3.61 0.00	38.00 -2.13 0.00	32.73 -1.72 0.00	28.94 -1.56 0.00
SITHE_IND_GS1 24169	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.06 -0.78 0.00	30.97 -0.76 0.00	30.23 -0.77 0.00	31.60 -0.78 0.00	34.15 -0.73 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.53 -0.62 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.77 -0.51 0.00	45.73 -0.55 0.00	39.48 -0.64 0.00	33.79 -0.66 0.00	29.80 -0.70 0.00
SITHE_IND_GS2 24170	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.06 -0.78 0.00	30.97 -0.76 0.00	30.23 -0.77 0.00	31.60 -0.78 0.00	34.15 -0.73 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.53 -0.62 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.77 -0.51 0.00	45.73 -0.55 0.00	39.48 -0.64 0.00	33.79 -0.66 0.00	29.80 -0.70 0.00
SITHE_IND_GS3 24171	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.06 -0.78 0.00	30.97 -0.76 0.00	30.23 -0.77 0.00	31.60 -0.78 0.00	34.15 -0.73 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.53 -0.62 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.77 -0.51 0.00	45.73 -0.55 0.00	39.48 -0.64 0.00	33.79 -0.66 0.00	29.80 -0.70 0.00
SITHE_IND_GS4 24172	28.13 -0.60 0.00	26.25 -0.59 0.00	24.77 -0.63 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.06 -0.78 0.00	30.97 -0.76 0.00	30.23 -0.77 0.00	31.60 -0.78 0.00	34.15 -0.73 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.53 -0.62 0.00	57.42 -0.52 0.00	73.04 -0.66 0.00	60.65 -0.49 0.00	50.77 -0.51 0.00	45.73 -0.55 0.00	39.48 -0.64 0.00	33.79 -0.66 0.00	29.80 -0.70 0.00

SITHE___BATAVIA 24024	28.88 0.14 0.00	26.82 -0.03 0.00	25.25 -0.15 0.00	23.61 -0.38 0.00	23.54 -0.46 0.00	25.23 -0.33 0.00	28.67 -0.23 0.00	29.46 0.29 0.00	30.35 0.51 0.00	32.81 1.08 0.00	31.63 0.62 0.00	33.15 0.78 0.00	36.84 1.95 0.00	40.70 2.66 0.00	44.10 2.96 0.00	48.25 4.11 0.00	64.91 6.83 -0.13	82.24 8.40 -0.13	68.59 7.27 -0.17	57.16 5.74 -0.13	50.82 4.54 0.00	43.45 3.33 0.00	36.69 2.24 0.00	31.38 0.88 0.00
SITHE___INDEPEND 23800	28.13 -0.60 0.00	26.25 -0.59 0.00	24.79 -0.61 0.00	23.39 -0.60 0.00	23.40 -0.60 0.00	24.90 -0.66 0.00	28.24 -0.66 0.00	28.44 -0.73 0.00	29.06 -0.78 0.00	30.97 -0.76 0.00	30.23 -0.78 0.00	31.60 -0.78 0.00	34.15 -0.73 0.00	37.31 -0.72 0.00	40.44 -0.70 0.00	43.57 -0.57 0.00	57.54 -0.41 0.00	73.19 -0.52 0.00	60.77 -0.37 0.00	50.82 -0.46 0.00	45.82 -0.46 0.00	39.52 -0.60 0.00	33.80 -0.65 0.00	29.79 -0.70 0.00
SITHE___MASSENA 23902	28.27 -0.46 0.00	26.41 -0.43 0.00	25.33 -0.08 0.00	23.94 -0.05 0.00	23.88 -0.12 0.00	25.46 -0.10 0.00	28.59 -0.32 0.00	28.79 -0.38 0.00	29.42 -0.42 0.00	31.29 -0.44 0.00	30.57 -0.43 0.00	31.89 -0.48 0.00	34.32 -0.56 0.00	37.43 -0.61 0.00	40.56 -0.58 0.00	43.26 -0.88 0.00	44.07 -2.20 11.67	43.58 -2.73 27.40	58.88 -1.96 0.30	49.49 -1.80 0.00	45.22 -1.06 0.00	39.32 -0.80 0.00	33.73 -0.73 0.00	29.85 -0.64 0.00
SITHE___OGDNSBRG 24021	28.36 -0.37 0.00	26.50 -0.35 0.00	25.43 0.03 0.00	24.01 0.02 0.00	23.95 -0.05 0.00	25.54 -0.03 0.00	28.73 -0.17 0.00	28.85 -0.32 0.00	29.33 -0.51 0.00	31.16 -0.57 0.00	30.39 -0.62 0.00	31.70 -0.68 0.00	34.12 -0.77 0.00	37.24 -0.80 0.00	40.15 -0.99 0.00	42.64 -1.50 0.00	45.39 -3.01 9.54	47.56 -3.76 22.39	57.96 -2.93 0.24	49.18 -2.10 0.00	44.29 -1.99 0.00	39.32 -0.80 0.00	33.83 -0.62 0.00	29.89 -0.61 0.00
SITHE___STERLING 23777	29.60 0.86 0.00	27.60 0.75 0.00	25.99 0.58 0.00	24.49 0.50 0.00	24.52 0.53 0.00	26.15 0.59 0.00	29.80 0.90 0.00	29.93 0.76 0.00	30.53 0.69 0.00	32.49 0.76 0.00	31.66 0.65 0.00	33.12 0.75 0.00	35.79 0.91 0.00	39.18 1.14 0.00	42.45 1.32 0.00	45.78 1.63 0.00	60.49 3.01 0.46	76.60 3.98 1.09	64.30 3.18 0.01	54.05 2.77 0.00	48.69 2.41 0.00	41.93 1.81 0.00	35.83 1.38 0.00	31.50 1.00 0.00
SLEIGHT__34_KV_TB1 80719	28.53 -0.20 0.00	26.58 -0.27 0.00	25.07 -0.33 0.00	23.51 -0.48 0.00	23.49 -0.50 0.00	25.10 -0.46 0.00	28.59 -0.32 0.00	29.08 -0.09 0.00	29.81 -0.03 0.00	31.98 0.25 0.00	31.13 0.12 0.00	32.64 0.26 0.00	35.58 0.70 0.00	39.18 1.14 0.00	42.62 1.48 0.00	46.31 2.16 0.00	62.00 4.06 0.00	78.65 4.94 0.00	65.54 4.40 0.00	54.36 3.08 0.00	48.73 2.45 0.00	41.61 1.48 0.00	35.21 0.76 0.00	30.59 0.09 0.00
SOUTH CAIRO___GT 23612	30.00 1.26 0.00	28.08 1.23 0.00	26.39 0.99 0.00	24.97 0.98 0.00	25.00 1.01 0.00	26.66 1.10 0.00	30.29 1.39 0.00	30.19 1.02 0.00	30.79 0.95 0.00	32.46 0.73 0.00	31.66 0.65 0.00	32.86 0.49 0.00	35.51 0.63 0.00	38.65 0.61 0.00	42.08 0.95 0.00	45.43 1.28 0.00	59.86 1.91 0.00	77.28 3.83 0.26	64.68 3.55 0.01	54.36 3.08 0.00	49.24 2.96 0.00	42.13 2.01 0.00	36.07 1.62 0.00	31.96 1.46 0.00
SOUTH HAMPTN___IC 23720	31.15 2.41 0.00	29.82 2.50 -0.48	27.46 2.06 0.00	25.55 1.56 0.00	25.51 1.51 0.00	27.43 1.87 -0.01	31.24 2.34 0.00	31.97 2.80 0.00	34.58 3.37 -1.37	34.55 2.82 0.00	34.48 3.47 0.00	35.94 3.56 0.00	38.20 3.32 0.00	41.57 3.54 0.00	45.27 4.11 -0.02	48.74 4.59 0.00	63.97 6.03 0.00	81.86 7.44 -0.71	66.97 5.81 -0.02	55.44 4.15 0.00	49.43 3.15 0.00	43.05 2.93 0.00	36.62 2.17 0.00	33.85 3.05 -0.31
SOUTHDOW_115KV_TB1 355954	29.74 1.01 0.00	27.49 0.64 0.00	25.91 0.51 0.00	24.13 0.14 0.00	24.09 0.10 0.00	25.84 0.28 0.00	29.42 0.52 0.00	30.57 1.40 0.00	31.30 1.46 0.00	34.02 2.28 0.00	33.15 2.14 0.00	34.84 2.46 0.00	38.76 3.87 0.00	42.68 4.64 0.00	46.28 5.14 0.00	50.46 6.31 -0.01	67.87 9.91 -0.01	85.22 11.50 -0.01	70.20 9.05 -0.02	58.32 7.03 -0.01	52.34 6.06 0.00	44.54 4.41 0.00	37.31 2.86 0.00	31.75 1.25 0.00
SOUTHOLD_69_KV_BK 2 55809	31.70 2.96 0.00	30.30 2.98 -0.48	27.82 2.41 0.00	26.03 2.04 0.00	25.96 1.97 0.00	28.27 2.71 0.00	31.82 2.92 0.00	32.61 3.44 0.00	35.30 4.09 -1.37	35.28 3.55 0.00	35.38 4.37 0.00	36.98 4.60 0.00	39.56 4.67 0.00	43.10 5.06 0.00	47.16 6.01 -0.02	50.77 6.62 0.00	66.75 8.81 0.00	85.41 10.98 -0.71	69.84 8.68 -0.02	57.95 6.67 0.00	52.07 5.79 0.00	44.70 4.57 0.00	37.93 3.48 0.00	34.61 3.81 -0.31
SOUTHOLD___IC 23719	31.70 2.96 0.00	30.33 3.01 -0.48	27.92 2.52 0.00	26.03 2.04 0.00	25.96 1.97 0.00	27.97 2.40 -0.01	31.82 2.92 0.00	32.61 3.44 0.00	35.30 4.09 -1.37	35.28 3.55 0.00	35.38 4.37 0.00	36.88 4.50 0.00	39.28 4.40 0.00	42.87 4.83 0.00	46.71 5.55 -0.02	50.38 6.23 0.00	66.23 8.29 0.00	84.74 10.32 -0.71	69.29 8.13 -0.02	57.23 5.95 0.00	50.91 4.63 0.00	44.30 4.17 0.00	37.55 3.10 0.00	34.61 3.81 -0.31
SOUTH_FORK_WT_PWR 323839	31.72 2.99 0.00	30.35 3.03 -0.48	27.97 2.56 0.00	26.10 2.11 0.00	26.03 2.04 0.00	28.05 2.48 -0.01	31.91 3.01 0.00	32.73 3.56 0.00	35.42 4.21 -1.37	35.38 3.65 0.00	35.50 4.49 0.00	37.01 4.63 0.00	39.42 4.53 0.00	43.02 4.98 0.00	46.92 5.76 -0.02	50.55 6.40 0.00	66.52 8.57 0.00	85.04 10.62 -0.71	69.54 8.38 -0.02	57.44 6.15 0.00	51.05 4.77 0.00	44.42 4.30 0.00	37.62 3.17 0.00	34.68 3.87 -0.31
SPIERFLS_115KV_TB 1 80737	31.15 2.41 0.00	29.10 2.26 0.00	27.31 1.91 0.00	25.79 1.80 0.00	25.55 1.56 0.00	27.33 1.76 0.00	31.07 2.17 0.00	31.07 1.90 0.00	31.87 2.03 0.00	33.79 2.06 0.00	33.02 2.02 0.00	34.52 2.14 0.00	37.22 2.34 0.00	40.51 2.47 0.00	44.01 2.88 0.00	47.50 3.36 0.00	62.64 4.69 0.00	79.31 6.34 0.74	66.92 5.81 0.02	56.26 4.97 0.00	50.86 4.58 0.00	43.45 3.33 0.00	37.55 3.10 0.00	33.21 2.71 0.00
ST LAWRENCE____ 23600	28.16 -0.57 0.00	26.33 -0.51 0.00	25.20 -0.20 0.00	23.82 -0.17 0.00	23.78 -0.22 0.00	25.33 -0.23 0.00	28.44 -0.46 0.00	28.68 -0.50 0.00	29.33 -0.51 0.00	31.19 -0.54 0.00	30.48 -0.53 0.00	31.83 -0.55 0.00	34.26 -0.63 0.00	37.31 -0.72 0.00	40.40 -0.74 0.00	43.09 -1.06 0.00	57.09 -1.80 -0.94	73.79 -2.29 -2.36	59.45 -1.71 -0.02	49.75 -1.54 0.00	45.08 -1.20 0.00	39.20 -0.92 0.00	33.62 -0.83 0.00	29.80 -0.70 0.00
STATE_CA_115KV_115_LB 55624	29.34 0.60 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.54 0.64 0.00	29.75 0.58 0.00	30.44 0.60 0.00	32.27 0.54 0.00	31.56 0.56 0.00	32.93 0.55 0.00	35.37 0.49 0.00	38.46 0.42 0.00	41.63 0.49 0.00	44.81 0.66 0.00	58.70 0.75 0.00	74.16 1.11 0.66	62.10 0.98 0.02	52.26 0.97 0.00	47.35 1.06 0.00	40.77 0.64 0.00	35.07 0.62 0.00	31.23 0.73 0.00

STATE_ST_34_KV_LOAD 55959	29.05 0.32 0.00	27.06 0.21 0.00	25.48 0.08 0.00	23.99 0.00 0.00	24.00 0.00 0.00	25.59 0.03 0.00	29.11 0.20 0.00	29.43 0.26 0.00	30.05 0.21 0.00	32.08 0.35 0.00	31.28 0.28 0.00	32.73 0.36 0.00	35.44 0.56 0.00	38.87 0.84 0.00	42.29 1.15 0.00	45.74 1.59 0.00	60.78 2.84 0.00	77.39 3.69 0.00	64.25 3.12 0.00	53.59 2.31 0.00	48.27 1.99 0.00	41.33 1.20 0.00	35.21 0.76 0.00	30.80 0.30 0.00
STATION 5_MISC_HYD 23604	28.54 -0.20 0.00	26.58 -0.27 0.00	25.02 -0.38 0.00	23.46 -0.53 0.00	23.42 -0.58 0.00	25.05 -0.51 0.00	28.47 -0.43 0.00	29.05 -0.12 0.00	29.87 0.03 0.00	32.18 0.44 0.00	31.28 0.28 0.00	32.80 0.42 0.00	36.07 1.19 0.00	39.67 1.63 0.00	42.99 1.85 0.00	46.84 2.69 0.00	62.57 4.64 0.01	79.46 5.75 0.01	66.14 5.01 0.01	55.12 3.85 0.01	49.20 2.92 0.00	42.13 2.01 0.00	35.62 1.17 0.00	30.80 0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.85 0.11 0.00	26.85 0.00 0.00	25.33 -0.08 0.00	23.75 -0.24 0.00	23.73 -0.26 0.00	25.36 -0.20 0.00	28.90 0.00 0.00	29.46 0.29 0.00	30.20 0.36 0.00	32.43 0.70 0.00	31.56 0.56 0.00	33.09 0.71 0.00	36.10 1.22 0.00	39.75 1.71 0.00	43.23 2.10 0.00	47.06 2.91 0.00	63.04 5.10 0.00	79.97 6.27 0.00	66.70 5.56 0.01	55.28 4.00 0.00	49.52 3.24 0.00	42.29 2.17 0.00	35.73 1.27 0.00	31.01 0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.42 -0.32 0.00	26.44 -0.40 0.00	24.97 -0.43 0.00	23.37 -0.62 0.00	23.32 -0.67 0.00	24.95 -0.61 0.00	28.38 -0.52 0.00	28.94 -0.23 0.00	29.75 -0.09 0.00	32.02 0.29 0.00	31.16 0.16 0.00	32.67 0.29 0.00	35.79 0.91 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.66 2.52 0.00	62.63 4.69 0.01	79.30 5.60 0.01	66.20 5.07 0.01	54.82 3.54 0.01	49.01 2.73 0.00	41.89 1.77 0.00	35.38 0.93 0.00	30.62 0.12 0.00
STA_56___34_KV_BUS2 355983	28.42 -0.32 0.00	26.44 -0.40 0.00	24.97 -0.43 0.00	23.37 -0.62 0.00	23.32 -0.67 0.00	24.95 -0.61 0.00	28.38 -0.52 0.00	28.94 -0.23 0.00	29.75 -0.09 0.00	32.02 0.29 0.00	31.16 0.16 0.00	32.67 0.29 0.00	35.79 0.91 0.00	39.41 1.37 0.00	42.82 1.69 0.00	46.66 2.52 0.00	62.63 4.69 0.01	79.30 5.60 0.01	66.20 5.07 0.01	54.82 3.54 0.01	49.01 2.73 0.00	41.89 1.77 0.00	35.38 0.93 0.00	30.62 0.12 0.00
STA_67___115KV_BK2 355882	28.48 -0.26 0.00	26.50 -0.35 0.00	25.02 -0.38 0.00	23.41 -0.58 0.00	23.37 -0.62 0.00	25.00 -0.56 0.00	28.41 -0.49 0.00	29.00 -0.18 0.00	29.81 -0.03 0.00	32.08 0.35 0.00	31.19 0.19 0.00	32.70 0.32 0.00	35.86 0.98 0.00	39.48 1.45 0.00	42.86 1.73 0.00	46.75 2.60 0.00	62.80 4.87 0.01	79.45 5.75 0.01	66.33 5.20 0.01	54.97 3.69 0.01	49.15 2.87 0.00	42.05 1.93 0.00	35.48 1.03 0.00	30.71 0.21 0.00
STA_7___115KV_9TRANS 80674	28.68 -0.06 0.00	26.68 -0.16 0.00	25.20 -0.20 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.15 -0.41 0.00	28.62 -0.29 0.00	29.23 0.06 0.00	30.05 0.21 0.00	32.37 0.63 0.00	31.47 0.47 0.00	32.99 0.62 0.00	36.21 1.33 0.00	39.90 1.86 0.00	43.36 2.22 0.00	47.32 3.18 0.00	63.56 5.62 0.01	80.48 6.78 0.01	67.18 6.05 0.01	55.64 4.36 0.01	49.75 3.47 0.00	42.53 2.41 0.00	35.86 1.41 0.00	30.98 0.49 0.00
STA_82___115KV_TB1 80780	28.48 -0.26 0.00	26.52 -0.32 0.00	25.05 -0.36 0.00	23.44 -0.55 0.00	23.40 -0.60 0.00	25.00 -0.56 0.00	28.41 -0.49 0.00	29.00 -0.18 0.00	29.81 -0.03 0.00	32.11 0.38 0.00	31.22 0.22 0.00	32.70 0.32 0.00	35.86 0.98 0.00	39.48 1.45 0.00	42.90 1.77 0.00	46.79 2.65 0.00	62.86 4.93 0.01	79.45 5.75 0.01	66.39 5.26 0.01	55.02 3.74 0.01	49.20 2.92 0.00	42.05 1.93 0.00	35.52 1.07 0.00	30.71 0.21 0.00
STEEL___WIND 323596	28.68 -0.06 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.39 -0.60 0.00	23.35 -0.65 0.00	25.00 -0.56 0.00	28.30 -0.61 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.55 0.82 0.00	31.59 0.59 0.00	33.15 0.78 0.00	36.91 2.02 0.00	40.74 2.70 0.00	44.06 2.92 0.00	48.08 3.93 -0.01	64.56 6.60 -0.02	81.39 7.67 -0.02	67.27 6.11 -0.02	56.07 4.77 -0.02	50.08 3.80 0.00	42.97 2.85 0.00	36.17 1.72 0.00	30.92 0.43 0.00
STEPHTWN_115KV_BK_2 55603	29.48 0.75 0.00	27.57 0.72 0.00	25.91 0.51 0.00	24.47 0.48 0.00	24.50 0.50 0.00	26.15 0.59 0.00	29.69 0.78 0.00	29.90 0.73 0.00	30.58 0.75 0.00	32.43 0.70 0.00	31.69 0.68 0.00	33.03 0.65 0.00	35.51 0.63 0.00	38.61 0.57 0.00	41.88 0.74 0.00	45.12 0.97 0.00	59.16 1.22 0.00	74.82 1.77 0.66	62.71 1.59 0.02	52.77 1.49 0.00	47.72 1.43 0.00	41.13 1.00 0.00	35.35 0.90 0.00	31.44 0.95 0.00
STEUBEN_REC_LFGE 323667	30.49 1.75 0.00	28.24 1.40 0.00	26.57 1.17 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.64 1.07 0.00	30.52 1.62 0.00	31.42 2.25 0.00	31.96 2.12 0.00	34.36 2.63 0.00	33.39 2.39 0.00	35.03 2.66 0.00	38.48 3.59 0.00	42.45 4.41 0.00	46.28 5.14 0.00	50.46 6.31 0.00	67.80 9.85 0.00	86.10 12.38 0.00	70.99 9.84 -0.01	59.14 7.85 -0.01	53.13 6.85 0.00	44.74 4.61 0.00	37.28 2.82 0.00	31.59 1.10 0.00
STILLWATER___SOLAR 323814	30.69 1.95 0.00	28.72 1.88 0.00	26.95 1.55 0.00	25.43 1.44 0.00	25.36 1.37 0.00	27.10 1.53 0.00	30.78 1.88 0.00	30.89 1.72 0.00	31.63 1.79 0.00	33.54 1.81 0.00	32.74 1.74 0.00	34.22 1.84 0.00	36.84 1.95 0.00	40.05 2.01 0.00	43.40 2.26 0.00	46.71 2.56 0.00	61.48 3.54 0.00	77.53 4.65 0.83	65.21 4.10 0.03	54.93 3.64 0.00	49.62 3.33 0.00	42.73 2.61 0.00	36.86 2.41 0.00	32.69 2.20 0.00
STONY___BROOK 24151	30.95 2.21 0.00	29.50 2.17 -0.48	27.11 1.70 0.00	25.31 1.32 0.00	25.27 1.27 0.00	27.15 1.59 -0.01	30.93 2.02 0.00	31.62 2.45 0.00	34.08 2.86 -1.37	34.21 2.48 0.00	33.92 2.91 0.00	35.23 2.85 0.00	37.43 2.55 0.00	40.66 2.62 0.00	44.16 3.00 -0.02	47.33 3.18 0.00	62.00 4.05 0.00	79.36 4.94 -0.71	64.89 3.73 -0.02	53.80 2.51 0.00	48.18 1.90 0.00	42.17 2.05 0.00	36.10 1.65 0.00	33.43 2.62 -0.31
STURGEON_POOL_HYD 23609	30.00 1.26 0.00	27.97 1.13 0.00	26.12 0.71 0.00	24.66 0.67 0.00	24.72 0.72 0.00	26.38 0.82 0.00	30.09 1.19 0.00	30.48 1.31 0.00	31.36 1.52 0.00	33.22 1.49 0.00	32.62 1.61 0.00	33.93 1.55 0.00	36.45 1.57 0.00	39.56 1.52 0.00	42.82 1.69 0.00	46.22 2.07 0.00	60.32 2.38 0.00	77.85 3.83 -0.31	63.90 2.75 -0.01	53.34 2.05 0.00	48.27 1.99 0.00	41.53 1.40 0.00	35.86 1.41 0.00	31.99 1.49 0.00
ST_LAW_115_BK7_LBMP 345037	28.10 -0.63 0.00	26.28 -0.57 0.00	25.17 -0.23 0.00	23.80 -0.19 0.00	23.76 -0.24 0.00	25.31 -0.26 0.00	28.41 -0.49 0.00	28.65 -0.52 0.00	29.27 -0.57 0.00	31.13 -0.60 0.00	30.42 -0.59 0.00	31.76 -0.62 0.00	34.19 -0.70 0.00	37.24 -0.80 0.00	40.31 -0.82 0.00	43.00 -1.15 0.00	57.05 -2.03 -1.14	73.88 -2.51 -2.67	59.27 -1.90 -0.03	49.54 -1.74 0.00	44.94 -1.34 0.00	39.12 -1.00 0.00	33.55 -0.90 0.00	29.73 -0.76 0.00

ST_LAW_115_BK8_LBMP 345038	28.10 -0.63 0.00	26.28 -0.57 0.00	25.17 -0.23 0.00	23.80 -0.19 0.00	23.76 -0.24 0.00	25.31 -0.26 0.00	28.41 -0.49 0.00	28.65 -0.52 0.00	29.27 -0.57 0.00	31.13 -0.60 0.00	30.42 -0.59 0.00	31.76 -0.62 0.00	34.19 -0.70 0.00	37.24 -0.80 0.00	40.31 -0.82 0.00	43.00 -1.15 0.00	57.05 -2.03 -1.14	73.88 -2.51 -2.67	59.27 -1.90 -0.03	49.54 -1.74 0.00	44.94 -1.34 0.00	39.12 -1.00 0.00	33.55 -0.90 0.00	29.73 -0.76 0.00
ST_LAW_230_BK5_LBMP 345035	28.16 -0.57 0.00	26.33 -0.51 0.00	25.20 -0.20 0.00	23.82 -0.17 0.00	23.78 -0.22 0.00	25.33 -0.23 0.00	28.44 -0.46 0.00	28.68 -0.50 0.00	29.33 -0.51 0.00	31.19 -0.54 0.00	30.48 -0.53 0.00	31.83 -0.55 0.00	34.26 -0.63 0.00	37.31 -0.72 0.00	40.40 -0.74 0.00	43.09 -1.06 0.00	56.84 -1.80 -0.69	73.04 -2.29 -1.62	59.45 -1.71 -0.02	49.75 -1.54 0.00	45.08 -1.20 0.00	39.20 -0.92 0.00	33.62 -0.83 0.00	29.80 -0.70 0.00
ST_LAW_230_BK6_LBMP 345036	28.16 -0.57 0.00	26.33 -0.51 0.00	25.20 -0.20 0.00	23.82 -0.17 0.00	23.78 -0.22 0.00	25.33 -0.23 0.00	28.44 -0.46 0.00	28.68 -0.50 0.00	29.33 -0.51 0.00	31.19 -0.54 0.00	30.48 -0.53 0.00	31.83 -0.55 0.00	34.26 -0.63 0.00	37.31 -0.72 0.00	40.40 -0.74 0.00	43.09 -1.06 0.00	56.84 -1.80 -0.69	73.04 -2.29 -1.62	59.45 -1.71 -0.02	49.75 -1.54 0.00	45.08 -1.20 0.00	39.20 -0.92 0.00	33.62 -0.83 0.00	29.80 -0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.00 1.26 0.00	27.97 1.13 0.00	26.14 0.74 0.00	24.64 0.65 0.00	24.69 0.70 0.00	26.41 0.84 0.00	30.12 1.21 0.00	30.51 1.34 0.00	31.33 1.49 0.00	33.22 1.49 0.00	32.59 1.58 0.00	33.97 1.59 0.00	36.49 1.60 0.00	39.60 1.56 0.00	42.86 1.73 0.00	46.22 2.07 0.00	60.55 2.61 0.00	77.84 3.54 -0.60	63.85 2.69 -0.02	53.44 2.15 0.00	48.32 2.04 0.00	41.61 1.48 0.00	35.86 1.41 0.00	31.96 1.46 0.00
SWANROAD_115KV_TB1 355699	27.76 -0.98 0.00	25.77 -1.07 0.00	24.41 -0.99 0.00	22.69 -1.30 0.00	22.63 -1.37 0.00	24.23 -1.33 0.00	27.37 -1.53 0.00	28.12 -1.05 0.00	28.97 -0.87 0.00	31.41 -0.32 0.00	30.35 -0.65 0.00	31.83 -0.55 0.00	35.34 0.45 0.00	38.99 0.95 0.00	42.25 1.11 0.00	46.22 2.07 0.00	62.66 4.69 -0.02	78.60 4.86 -0.02	65.51 4.34 -0.03	54.33 3.03 -0.02	48.46 2.18 0.00	41.49 1.36 0.00	34.97 0.52 0.00	29.95 -0.55 0.00
SYNERGY___BIOGAS 323694	28.88 0.14 0.00	26.82 -0.03 0.00	25.25 -0.15 0.00	23.61 -0.38 0.00	23.54 -0.46 0.00	25.23 -0.33 0.00	28.67 -0.23 0.00	29.46 0.29 0.00	30.35 0.51 0.00	32.81 1.08 0.00	31.63 0.62 0.00	33.15 0.78 0.00	36.84 1.95 0.00	40.70 2.66 0.00	44.10 2.96 0.00	48.25 4.11 0.00	64.91 6.83 -0.13	82.24 8.40 -0.13	68.59 7.27 -0.17	57.16 5.74 -0.13	50.82 4.54 0.00	43.45 3.33 0.00	36.69 2.24 0.00	31.38 0.88 0.00
SYRACUSE___ENERGY_ST1 323597	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	28.88 0.14 0.00	26.93 0.08 0.00	25.38 -0.03 0.00	23.92 -0.07 0.00	23.92 -0.07 0.00	25.49 -0.08 0.00	28.93 0.03 0.00	29.20 0.03 0.00	29.81 -0.03 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.38 0.34 0.00	41.71 0.58 0.00	44.98 0.84 0.00	59.46 1.68 0.17	75.46 2.14 0.39	63.03 1.90 0.01	52.62 1.33 0.00	47.44 1.16 0.00	40.77 0.64 0.00	34.80 0.34 0.00	30.59 0.09 0.00
SYRACUSE___POWER 24017	28.82 0.09 0.00	26.85 0.00 0.00	25.30 -0.10 0.00	23.85 -0.14 0.00	23.85 -0.14 0.00	25.44 -0.13 0.00	28.93 0.03 0.00	29.14 -0.03 0.00	29.78 -0.06 0.00	31.76 0.03 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.34 0.30 0.00	41.63 0.49 0.00	44.90 0.75 0.00	59.34 1.56 0.16	75.31 1.99 0.39	63.09 1.96 0.01	52.72 1.44 0.00	47.48 1.20 0.00	40.81 0.68 0.00	34.86 0.41 0.00	30.62 0.12 0.00
TALLMAN___138KV_BK151 55660	30.14 1.41 0.00	28.11 1.26 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.51 0.95 0.00	30.26 1.36 0.00	30.69 1.52 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.84 1.83 0.00	34.19 1.81 0.00	36.70 1.81 0.00	39.82 1.79 0.00	43.07 1.93 0.00	46.49 2.34 0.00	60.84 2.90 0.00	78.26 3.91 -0.64	64.09 2.93 -0.02	53.59 2.31 0.00	48.41 2.13 0.00	41.69 1.56 0.00	36.00 1.55 0.00	32.11 1.62 0.00
TEALLAVE_115KV_TB7 355573	28.74 0.00 0.00	26.76 -0.08 0.00	25.23 -0.18 0.00	23.80 -0.19 0.00	23.78 -0.22 0.00	25.36 -0.20 0.00	28.85 -0.06 0.00	29.11 -0.06 0.00	29.75 -0.09 0.00	31.76 0.03 0.00	30.97 -0.03 0.00	32.41 0.03 0.00	35.06 0.17 0.00	38.30 0.27 0.00	41.59 0.45 0.00	44.85 0.71 0.00	59.33 1.56 0.17	75.22 1.92 0.41	62.78 1.65 0.01	52.46 1.18 0.00	47.25 0.97 0.00	40.65 0.52 0.00	34.73 0.28 0.00	30.53 0.03 0.00
TELGRAPH_34_KV_EAST 80808	28.45 -0.29 0.00	26.42 -0.43 0.00	25.00 -0.41 0.00	23.27 -0.72 0.00	23.20 -0.79 0.00	24.85 -0.72 0.00	28.15 -0.75 0.00	28.97 -0.20 0.00	29.84 0.00 0.00	32.30 0.57 0.00	31.10 0.09 0.00	32.64 0.26 0.00	36.21 1.33 0.00	39.98 1.94 0.00	43.40 2.26 0.00	47.46 3.31 0.00	64.30 6.32 -0.04	80.83 7.08 -0.04	67.43 6.24 -0.05	55.84 4.51 -0.04	49.89 3.61 0.00	42.61 2.49 0.00	36.00 1.55 0.00	30.80 0.30 0.00
TEMPLE___115KV_TB 2 55572	28.74 0.00 0.00	26.79 -0.05 0.00	25.25 -0.15 0.00	23.80 -0.19 0.00	23.80 -0.19 0.00	25.36 -0.20 0.00	28.88 -0.03 0.00	29.14 -0.03 0.00	29.78 -0.06 0.00	31.79 0.06 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.09 0.21 0.00	38.38 0.34 0.00	41.63 0.49 0.00	44.94 0.79 0.00	59.40 1.62 0.17	75.30 1.99 0.40	62.91 1.77 0.01	52.51 1.23 0.00	47.35 1.06 0.00	40.69 0.56 0.00	34.76 0.31 0.00	30.56 0.06 0.00
TIANA____69_KV_BK 1 55817	31.03 2.30 0.00	29.68 2.36 -0.48	27.23 1.83 0.00	25.45 1.46 0.00	25.41 1.42 0.00	27.61 2.05 0.00	31.10 2.20 0.00	31.83 2.65 0.00	34.44 3.22 -1.37	34.33 2.60 0.00	34.29 3.29 0.00	35.81 3.43 0.00	38.20 3.31 0.00	41.54 3.50 0.00	45.35 4.20 -0.02	48.74 4.59 0.00	63.97 6.03 0.00	81.87 7.44 -0.71	67.03 5.87 -0.02	55.75 4.46 0.00	50.26 3.98 0.00	43.21 3.09 0.00	36.83 2.38 0.00	33.70 2.90 -0.31
TILDEN___115KV_TB1 80814	28.82 0.09 0.00	26.85 0.00 0.00	25.30 -0.10 0.00	23.85 -0.14 0.00	23.85 -0.14 0.00	25.44 -0.13 0.00	28.93 0.03 0.00	29.14 -0.03 0.00	29.78 -0.06 0.00	31.76 0.03 0.00	31.01 0.00 0.00	32.44 0.06 0.00	35.06 0.17 0.00	38.34 0.30 0.00	41.63 0.49 0.00	44.90 0.75 0.00	59.34 1.56 0.16	75.31 1.99 0.39	63.09 1.96 0.01	52.72 1.44 0.00	47.48 1.20 0.00	40.81 0.68 0.00	34.86 0.41 0.00	30.62 0.12 0.00

TRIGEN___CC 323695	30.78 2.04 0.00	29.15 1.83 -0.48	26.72 1.32 0.00	25.14 1.15 0.00	25.15 1.15 0.00	27.05 1.48 0.00	30.78 1.88 0.00	31.30 2.13 0.00	33.63 2.42 -1.37	34.05 2.32 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.47 2.58 0.00	40.70 2.66 0.00	44.18 2.96 -0.09	47.50 3.36 0.00	62.00 4.06 0.00	79.44 5.01 -0.71	65.07 3.91 -0.02	54.31 3.03 0.00	49.15 2.87 0.00	42.33 2.21 0.00	36.55 2.10 0.00	33.12 2.32 -0.31
TRINITY___115KV___4 BK 55933	29.22 0.49 0.00	27.36 0.51 0.00	25.71 0.30 0.00	24.30 0.31 0.00	24.31 0.31 0.00	25.95 0.38 0.00	29.42 0.52 0.00	29.61 0.44 0.00	30.32 0.48 0.00	32.11 0.38 0.00	31.41 0.40 0.00	32.73 0.36 0.00	35.16 0.28 0.00	38.23 0.19 0.00	41.38 0.25 0.00	44.54 0.40 0.00	58.29 0.35 0.00	73.58 0.52 0.65	61.61 0.49 0.02	51.90 0.62 0.00	47.02 0.74 0.00	40.53 0.40 0.00	34.90 0.45 0.00	31.08 0.58 0.00
UNION___PROCESSING_DRP 323587	28.51 -0.23 0.00	26.52 -0.32 0.00	25.05 -0.36 0.00	23.44 -0.55 0.00	23.40 -0.60 0.00	25.03 -0.54 0.00	28.44 -0.46 0.00	29.03 -0.15 0.00	29.84 0.00 0.00	32.11 0.38 0.00	31.22 0.22 0.00	32.73 0.36 0.00	35.86 0.98 0.00	39.48 1.45 0.00	42.90 1.77 0.00	46.79 2.65 0.00	62.86 4.93 0.01	79.52 5.82 0.01	66.45 5.32 0.01	55.02 3.74 0.01	49.20 2.92 0.00	42.09 1.97 0.00	35.52 1.07 0.00	30.74 0.24 0.00
UPPER HUDSON___HYD 24058	31.15 2.41 0.00	29.13 2.28 0.00	27.31 1.91 0.00	25.79 1.80 0.00	25.55 1.56 0.00	27.33 1.76 0.00	31.07 2.17 0.00	31.07 1.90 0.00	31.87 2.03 0.00	33.79 2.06 0.00	33.02 2.01 0.00	34.55 2.17 0.00	37.22 2.34 0.00	40.51 2.47 0.00	43.93 2.80 0.00	47.37 3.22 0.00	62.52 4.58 0.00	79.09 6.11 0.74	66.68 5.56 0.02	56.05 4.77 0.00	50.63 4.35 0.00	43.41 3.29 0.00	37.55 3.10 0.00	33.21 2.71 0.00
UPPER RAQUET___HYD 24056	27.61 -1.12 0.00	25.77 -1.07 0.00	24.74 -0.66 0.00	23.39 -0.60 0.00	23.25 -0.74 0.00	24.80 -0.77 0.00	27.87 -1.04 0.00	28.06 -1.11 0.00	28.59 -1.25 0.00	30.40 -1.33 0.00	29.67 -1.33 0.00	30.99 -1.39 0.00	33.31 -1.57 0.00	36.36 -1.67 0.00	39.41 -1.73 0.00	42.03 -2.12 0.00	45.84 -4.06 8.05	49.80 -5.01 18.90	57.20 -3.73 0.21	48.00 -3.28 0.00	44.06 -2.22 0.00	38.24 -1.89 0.00	32.73 -1.72 0.00	28.94 -1.55 0.00
VALLEY44_115KV_TB2 355964	28.85 0.11 0.00	26.76 -0.08 0.00	25.18 -0.23 0.00	23.49 -0.50 0.00	23.47 -0.53 0.00	25.13 -0.43 0.00	28.62 -0.29 0.00	29.55 0.38 0.00	30.38 0.54 0.00	32.87 1.14 0.00	31.94 0.93 0.00	33.45 1.07 0.00	37.05 2.16 0.00	40.62 2.59 0.00	44.14 3.00 0.00	48.17 4.02 -0.01	64.56 6.61 -0.01	81.31 7.59 -0.01	66.47 5.32 -0.02	55.76 4.46 -0.01	50.40 4.12 0.00	43.05 2.93 0.00	36.28 1.83 0.00	31.08 0.58 0.00
VALLEY___115KV_TB 1-4 80826	28.99 0.26 0.00	27.06 0.21 0.00	25.53 0.13 0.00	24.09 0.10 0.00	24.12 0.12 0.00	25.69 0.13 0.00	29.16 0.26 0.00	29.40 0.23 0.00	30.05 0.21 0.00	31.95 0.22 0.00	31.22 0.22 0.00	32.61 0.23 0.00	35.16 0.28 0.00	38.38 0.34 0.00	41.51 0.37 0.00	44.72 0.57 0.00	58.38 0.64 0.20	74.04 0.81 0.48	61.75 0.61 0.00	51.85 0.56 0.00	46.93 0.65 0.00	40.57 0.44 0.00	34.76 0.31 0.00	30.74 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.03 1.29 0.00	28.00 1.15 0.00	26.32 0.91 0.00	24.85 0.86 0.00	24.91 0.91 0.00	26.51 0.95 0.00	30.21 1.30 0.00	30.54 1.37 0.00	31.21 1.37 0.00	33.19 1.46 0.00	32.40 1.40 0.00	33.87 1.49 0.00	36.56 1.67 0.00	39.98 1.94 0.00	43.27 2.14 0.00	46.80 2.65 0.00	61.54 3.59 0.00	78.43 4.72 0.00	64.99 3.85 0.00	54.46 3.18 0.00	49.24 2.96 0.00	42.41 2.29 0.00	36.28 1.83 0.00	32.02 1.52 0.00
VISCHER___FERRY HYD 24020	29.94 1.21 0.00	28.08 1.24 0.00	26.34 0.94 0.00	24.85 0.86 0.00	24.86 0.86 0.00	26.56 1.00 0.00	30.15 1.24 0.00	30.37 1.20 0.00	31.03 1.19 0.00	32.91 1.17 0.00	32.12 1.11 0.00	33.58 1.20 0.00	36.03 1.15 0.00	39.18 1.14 0.00	42.29 1.15 0.00	45.47 1.32 0.00	59.68 1.74 0.00	74.90 2.14 0.95	62.88 1.77 0.03	53.08 1.79 0.00	47.99 1.71 0.00	41.53 1.40 0.00	35.83 1.38 0.00	31.93 1.43 0.00
V_A_10_SYNC_DSASP 323832	27.96 -0.77 0.00	26.01 -0.83 0.00	24.51 -0.89 0.00	22.94 -1.06 0.00	22.87 -1.13 0.00	24.49 -1.07 0.00	27.72 -1.19 0.00	28.38 -0.79 0.00	29.24 -0.60 0.00	31.60 -0.13 0.00	30.64 -0.37 0.00	32.12 -0.26 0.00	35.48 0.59 0.00	39.06 1.03 0.00	42.25 1.11 0.00	46.13 1.99 0.00	61.94 4.00 0.00	78.21 4.50 0.00	65.24 4.10 -0.01	54.37 3.08 0.00	48.37 2.08 0.00	41.49 1.36 0.00	35.04 0.59 0.00	30.10 -0.40 0.00
V_CMM_10_SYNC_DSASP 323787	28.25 -0.49 0.00	26.39 -0.46 0.00	25.30 -0.10 0.00	23.92 -0.07 0.00	23.88 -0.12 0.00	25.44 -0.13 0.00	28.56 -0.35 0.00	28.79 -0.38 0.00	29.42 -0.42 0.00	31.32 -0.41 0.00	30.60 -0.40 0.00	31.93 -0.45 0.00	34.36 -0.52 0.00	37.47 -0.57 0.00	40.56 -0.58 0.00	43.26 -0.88 0.00	57.40 -1.68 -1.14	74.32 -2.06 -2.67	59.70 -1.47 -0.03	49.85 -1.44 0.00	45.22 -1.06 0.00	39.32 -0.80 0.00	33.73 -0.73 0.00	29.85 -0.64 0.00
V_CMP_10_SYNC_DSASP 323788	29.42 0.69 0.00	27.44 0.59 0.00	26.29 0.89 0.00	24.83 0.84 0.00	24.71 0.72 0.00	26.38 0.82 0.00	29.69 0.78 0.00	29.93 0.76 0.00	30.61 0.77 0.00	32.65 0.92 0.00	31.94 0.93 0.00	33.25 0.87 0.00	35.83 0.94 0.00	39.02 0.99 0.00	42.37 1.23 0.00	45.12 0.97 0.00	58.16 0.87 0.66	73.42 1.25 1.54	62.65 1.53 0.02	52.05 0.77 0.00	46.88 0.60 0.00	40.48 0.36 0.00	34.55 0.10 0.00	30.50 0.00 0.00
V_D_10_SYNC_DSASP 323841	28.27 -0.46 0.00	26.41 -0.43 0.00	25.33 -0.08 0.00	23.94 -0.05 0.00	23.90 -0.10 0.00	25.46 -0.10 0.00	28.59 -0.32 0.00	28.82 -0.35 0.00	29.42 -0.42 0.00	31.32 -0.41 0.00	30.57 -0.43 0.00	31.89 -0.48 0.00	34.32 -0.56 0.00	37.43 -0.61 0.00	40.56 -0.58 0.00	43.26 -0.88 0.00	57.63 -2.14 -1.83	75.36 -2.65 -4.30	59.29 -1.90 -0.05	49.49 -1.80 0.00	45.26 -1.02 0.00	39.32 -0.80 0.00	33.73 -0.73 0.00	29.85 -0.64 0.00
V_E_10_SYNC_DSASP 323830	31.18 2.44 0.00	28.97 2.12 0.00	27.18 1.78 0.00	25.55 1.56 0.00	25.63 1.63 0.00	27.33 1.76 0.00	31.39 2.49 0.00	31.74 2.57 0.00	32.11 2.27 0.00	34.14 2.41 0.00	33.12 2.11 0.00	34.71 2.33 0.00	37.64 2.76 0.00	41.42 3.38 0.00	44.96 3.83 0.00	48.92 4.77 0.00	65.19 7.24 0.00	83.44 9.73 0.00	69.33 8.20 0.00	58.26 6.97 0.00	52.34 6.06 0.00	44.82 4.69 0.00	38.07 3.62 0.00	33.15 2.65 0.00
V_F_30_NSYNC___DSASP 323816	30.75 2.01 0.00	28.78 1.93 0.00	27.01 1.60 0.00	25.50 1.51 0.00	25.41 1.42 0.00	27.17 1.61 0.00	30.84 1.94 0.00	30.95 1.78 0.00	31.69 1.85 0.00	33.60 1.87 0.00	32.83 1.83 0.00	34.32 1.94 0.00	36.94 2.06 0.00	40.17 2.13 0.00	43.52 2.38 0.00	46.88 2.74 0.00	61.71 3.76 0.00	77.84 4.94 0.81	65.45 4.34 0.03	55.13 3.85 0.00	49.80 3.52 0.00	42.85 2.73 0.00	36.96 2.51 0.00	32.78 2.29 0.00

V_F_30_SYNC_DSASP 323786	29.34 0.60 0.00	27.46 0.62 0.00	25.81 0.41 0.00	24.37 0.38 0.00	24.40 0.41 0.00	26.02 0.46 0.00	29.54 0.64 0.00	29.75 0.58 0.00	30.44 0.60 0.00	32.27 0.54 0.00	31.53 0.53 0.00	32.93 0.55 0.00	35.37 0.49 0.00	38.46 0.42 0.00	41.63 0.49 0.00	44.81 0.66 0.00	58.70 0.75 0.00	74.16 1.11 0.66	62.10 0.98 0.02	52.26 0.97 0.00	47.35 1.06 0.00	40.77 0.64 0.00	35.07 0.62 0.00	31.23 0.73 0.00
V_XM_10_SYNC_DSASP 323789	29.42 0.69 0.00	27.44 0.59 0.00	26.29 0.89 0.00	24.83 0.84 0.00	24.71 0.72 0.00	26.38 0.82 0.00	29.69 0.78 0.00	29.93 0.76 0.00	30.61 0.77 0.00	32.65 0.92 0.00	31.94 0.93 0.00	33.25 0.87 0.00	35.83 0.94 0.00	39.02 0.99 0.00	42.37 1.23 0.00	45.12 0.97 0.00	58.16 0.87 0.66	73.42 1.25 1.54	62.65 1.53 0.02	52.05 0.77 0.00	46.88 0.60 0.00	40.48 0.36 0.00	34.55 0.10 0.00	30.50 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.23 1.49 0.00	28.19 1.34 0.00	26.29 0.89 0.00	24.78 0.79 0.00	24.84 0.84 0.00	26.59 1.02 0.00	30.35 1.45 0.00	30.78 1.60 0.00	31.63 1.79 0.00	33.54 1.81 0.00	32.90 1.89 0.00	34.29 1.91 0.00	36.80 1.92 0.00	39.94 1.90 0.00	43.19 2.06 0.00	46.62 2.47 0.00	61.01 3.07 0.00	78.56 4.20 -0.65	64.28 3.12 -0.02	53.75 2.46 0.00	48.55 2.27 0.00	41.81 1.69 0.00	36.07 1.62 0.00	32.17 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.49 1.75 0.00	28.38 1.53 0.00	26.47 1.07 0.00	24.93 0.94 0.00	24.98 0.98 0.00	26.76 1.20 0.00	30.58 1.68 0.00	31.10 1.93 0.00	32.02 2.18 0.00	34.02 2.28 0.00	33.46 2.45 0.00	34.90 2.53 0.00	37.40 2.51 0.00	40.59 2.55 0.00	43.77 2.63 0.00	47.28 3.13 0.00	61.71 3.77 0.00	79.58 5.16 -0.71	64.95 3.79 -0.02	54.21 2.92 0.00	48.97 2.68 0.00	42.21 2.09 0.00	36.52 2.07 0.00	32.48 1.98 0.00
W50THST__13_KV_LOAD 356117	30.60 1.87 0.00	28.48 1.64 0.00	26.57 1.17 0.00	25.02 1.03 0.00	25.08 1.08 0.00	26.87 1.30 0.00	30.73 1.82 0.00	31.27 2.10 0.00	32.20 2.36 0.00	34.24 2.51 0.00	33.70 2.70 0.00	35.16 2.78 0.00	37.64 2.76 0.00	40.89 2.85 0.00	44.10 2.96 0.00	47.63 3.49 0.00	62.12 4.17 0.00	80.17 5.75 -0.71	65.44 4.28 -0.02	54.57 3.28 0.00	49.24 2.96 0.00	42.41 2.29 0.00	36.69 2.24 0.00	32.60 2.10 0.00
WADING RIVER_IC_1 23522	30.58 1.84 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.09 1.10 0.00	25.05 1.05 0.00	26.92 1.35 -0.01	30.67 1.76 0.00	31.36 2.19 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.19 3.04 0.00	61.89 3.94 0.00	79.29 4.86 -0.71	64.89 3.73 -0.02	53.75 2.46 0.00	48.08 1.80 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.15 2.35 -0.31
WADING RIVER_IC_2 23547	30.58 1.84 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.09 1.10 0.00	25.05 1.05 0.00	26.92 1.35 -0.01	30.67 1.76 0.00	31.36 2.19 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.19 3.04 0.00	61.89 3.94 0.00	79.29 4.86 -0.71	64.89 3.73 -0.02	53.75 2.46 0.00	48.08 1.80 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.15 2.35 -0.31
WADING RIVER_IC_3 23601	30.58 1.84 0.00	29.36 2.04 -0.48	27.01 1.60 0.00	25.09 1.10 0.00	25.05 1.05 0.00	26.92 1.35 -0.01	30.67 1.76 0.00	31.36 2.19 0.00	33.96 2.74 -1.37	33.79 2.06 0.00	33.61 2.60 0.00	35.03 2.66 0.00	37.12 2.23 0.00	40.36 2.32 0.00	43.87 2.71 -0.02	47.19 3.04 0.00	61.89 3.94 0.00	79.29 4.86 -0.71	64.89 3.73 -0.02	53.75 2.46 0.00	48.08 1.80 0.00	41.93 1.81 0.00	35.79 1.34 0.00	33.15 2.35 -0.31
WALDENNY_12_KV_BK2 80841	28.68 -0.06 0.00	26.58 -0.27 0.00	25.15 -0.25 0.00	23.39 -0.60 0.00	23.35 -0.65 0.00	25.00 -0.56 0.00	28.30 -0.61 0.00	29.17 0.00 0.00	30.05 0.21 0.00	32.59 0.86 0.00	31.63 0.62 0.00	33.22 0.84 0.00	36.87 1.99 0.00	40.74 2.70 0.00	44.18 3.04 0.00	48.30 4.15 -0.01	65.26 7.30 -0.02	81.91 8.18 -0.02	67.82 6.66 -0.02	56.27 4.97 -0.02	50.35 4.07 0.00	43.05 2.93 0.00	36.17 1.72 0.00	30.92 0.43 0.00
WALDEN__HYDRO 24148	30.11 1.38 0.00	28.08 1.23 0.00	26.24 0.84 0.00	24.76 0.77 0.00	24.81 0.82 0.00	26.51 0.95 0.00	30.26 1.36 0.00	30.60 1.43 0.00	31.48 1.64 0.00	33.35 1.62 0.00	32.68 1.67 0.00	34.00 1.62 0.00	36.49 1.60 0.00	39.63 1.60 0.00	42.90 1.77 0.00	46.31 2.16 0.00	60.55 2.61 0.00	77.94 3.69 -0.54	64.21 3.06 -0.02	53.75 2.46 0.00	48.69 2.41 0.00	41.85 1.73 0.00	36.07 1.62 0.00	32.11 1.62 0.00
WARRENSBURG____ 23737	31.15 2.41 0.00	29.13 2.28 0.00	27.31 1.91 0.00	25.79 1.80 0.00	25.55 1.56 0.00	27.33 1.76 0.00	31.07 2.17 0.00	31.07 1.90 0.00	31.87 2.03 0.00	33.79 2.06 0.00	33.02 2.01 0.00	34.55 2.17 0.00	37.22 2.34 0.00	40.51 2.47 0.00	43.93 2.80 0.00	47.37 3.22 0.00	62.52 4.58 0.00	79.09 6.11 0.74	66.68 5.56 0.02	56.05 4.77 0.00	50.63 4.35 0.00	43.41 3.29 0.00	37.55 3.10 0.00	33.21 2.71 0.00
WATERSIDE____6 8 9 23538	27.09 1.90 3.55	26.02 1.66 2.49	24.65 1.19 1.95	25.01 1.03 0.01	24.56 1.10 0.54	26.86 1.30 0.01	29.33 1.79 1.37	29.34 2.04 1.88	30.38 2.30 1.76	34.10 2.38 0.01	33.53 2.51 -0.01	34.99 2.62 0.01	37.49 2.62 0.01	37.16 2.70 3.58	33.47 2.80 10.46	44.74 3.27 2.67	61.59 3.77 0.12	76.95 5.31 2.07	64.89 3.73 -0.02	53.24 3.13 1.17	47.20 2.87 1.95	42.12 2.25 0.25	35.46 2.24 1.23	30.88 2.13 1.75
WATKINRD_115KV_LN8_ILLION 55919	28.94 0.20 0.00	27.01 0.16 0.00	25.48 0.08 0.00	24.06 0.07 0.00	24.09 0.10 0.00	25.67 0.10 0.00	29.11 0.20 0.00	29.38 0.20 0.00	30.02 0.18 0.00	31.89 0.16 0.00	31.16 0.16 0.00	32.57 0.19 0.00	35.09 0.21 0.00	38.30 0.27 0.00	41.42 0.29 0.00	44.59 0.44 0.00	58.26 0.52 0.20	73.90 0.66 0.48	61.68 0.55 0.00	51.80 0.51 0.00	46.84 0.56 0.00	40.49 0.36 0.00	34.69 0.24 0.00	30.71 0.21 0.00
WATSON__69_KV_BK 1 55734	31.35 2.61 0.00	29.76 2.44 -0.48	27.31 1.91 0.00	25.57 1.58 0.00	25.53 1.54 0.00	27.66 2.10 0.00	31.30 2.40 0.00	31.97 2.80 0.00	34.44 3.22 -1.37	34.59 2.86 0.00	34.32 3.32 0.00	35.81 3.43 0.00	38.23 3.35 0.00	41.57 3.54 0.00	45.29 4.11 -0.04	48.66 4.50 -0.02	63.45 5.50 0.00	81.28 6.85 -0.71	66.54 5.38 -0.02	55.59 4.31 0.00	50.40 4.12 0.00	43.33 3.21 0.00	37.07 2.62 0.00	33.88 3.08 -0.31
WDELAWARE__HYD 323627	30.29 1.55 0.00	28.27 1.42 0.00	26.39 0.99 0.00	24.90 0.91 0.00	24.96 0.96 0.00	26.66 1.10 0.00	30.44 1.53 0.00	30.75 1.57 0.00	31.57 1.73 0.00	33.44 1.71 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.73 1.85 0.00	39.94 1.90 0.00	43.23 2.10 0.00	46.62 2.47 0.00	61.30 3.36 0.00	78.75 4.65 -0.39	64.88 3.73 -0.01	54.36 3.08 0.00	49.01 2.73 0.00	42.25 2.13 0.00	36.41 1.96 0.00	32.36 1.86 0.00

WEST BABYLON___IC 23714	31.29 2.56 0.00	29.68 2.36 -0.48	27.21 1.80 0.00	25.53 1.54 0.00	25.48 1.49 0.00	27.56 1.99 0.00	31.22 2.31 0.00	31.88 2.71 0.00	34.29 3.07 -1.37	34.56 2.82 0.00	34.23 3.22 0.00	35.68 3.30 0.00	38.06 3.17 0.00	41.38 3.35 0.00	45.00 3.83 -0.04	48.39 4.24 -0.01	63.04 5.10 0.00	80.76 6.34 -0.71	66.18 5.01 -0.02	55.28 4.00 0.00	50.08 3.80 0.00	43.13 3.01 0.00	36.97 2.51 0.00	33.76 2.96 -0.31
WEST CANADA___HYD 24049	28.91 0.17 0.00	27.01 0.16 0.00	25.48 0.08 0.00	24.06 0.07 0.00	24.09 0.10 0.00	25.67 0.10 0.00	29.08 0.17 0.00	29.35 0.18 0.00	30.02 0.18 0.00	31.92 0.19 0.00	31.16 0.16 0.00	32.57 0.20 0.00	35.06 0.18 0.00	38.27 0.23 0.00	41.34 0.21 0.00	44.46 0.31 0.00	58.17 0.41 0.18	73.80 0.52 0.43	61.50 0.37 0.00	51.65 0.36 0.00	46.61 0.33 0.00	40.37 0.24 0.00	34.66 0.21 0.00	30.71 0.21 0.00
WESTERN_NY_WIND 24143	28.82 0.09 0.00	26.76 -0.08 0.00	25.30 -0.10 0.00	23.56 -0.43 0.00	23.52 -0.48 0.00	25.18 -0.38 0.00	28.62 -0.29 0.00	29.43 0.26 0.00	30.29 0.45 0.00	32.75 1.02 0.00	31.56 0.56 0.00	33.12 0.74 0.00	36.70 1.81 0.00	40.55 2.51 0.00	44.10 2.96 0.00	48.25 4.11 0.00	65.36 7.30 -0.11	82.44 8.62 -0.11	68.93 7.64 -0.15	57.09 5.69 -0.11	50.91 4.63 0.00	43.41 3.29 0.00	36.62 2.17 0.00	31.35 0.85 0.00
WESTOVER___LESR 323668	29.14 0.40 0.00	27.11 0.27 0.00	25.53 0.13 0.00	24.04 0.05 0.00	24.04 0.05 0.00	25.64 0.08 0.00	29.19 0.29 0.00	29.70 0.53 0.00	30.38 0.54 0.00	32.46 0.73 0.00	31.66 0.65 0.00	33.09 0.71 0.00	35.93 1.05 0.00	39.33 1.29 0.00	42.70 1.56 0.00	46.22 2.07 0.00	61.36 3.42 0.00	77.91 4.20 0.00	64.50 3.36 0.00	53.95 2.67 0.00	48.64 2.36 0.00	41.77 1.65 0.00	35.55 1.10 0.00	31.11 0.61 0.00
WETHRSFD_WT_PWR 323626	28.68 -0.06 0.00	26.60 -0.24 0.00	25.05 -0.36 0.00	23.44 -0.55 0.00	23.37 -0.62 0.00	25.03 -0.54 0.00	28.39 -0.52 0.00	29.20 0.03 0.00	29.99 0.15 0.00	32.40 0.67 0.00	31.44 0.43 0.00	32.96 0.58 0.00	36.49 1.61 0.00	40.17 2.13 0.00	43.44 2.30 0.00	47.37 3.22 -0.01	63.46 5.51 -0.01	80.13 6.41 -0.01	66.41 5.26 -0.01	55.40 4.10 -0.01	49.52 3.24 0.00	42.45 2.33 0.00	35.79 1.34 0.00	30.74 0.24 0.00
WHAVSTOR_138KV_BK127 55557	30.11 1.38 0.00	28.08 1.23 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.23 1.33 0.00	30.66 1.49 0.00	31.51 1.67 0.00	33.41 1.68 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.97 3.61 -0.65	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.05 1.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.11 1.38 0.00	28.08 1.23 0.00	26.22 0.81 0.00	24.71 0.72 0.00	24.76 0.77 0.00	26.48 0.92 0.00	30.23 1.33 0.00	30.66 1.49 0.00	31.51 1.67 0.00	33.41 1.68 0.00	32.77 1.77 0.00	34.13 1.75 0.00	36.59 1.71 0.00	39.71 1.67 0.00	42.95 1.81 0.00	46.31 2.16 0.00	60.61 2.67 0.00	77.97 3.61 -0.65	63.85 2.69 -0.02	53.39 2.10 0.00	48.27 1.99 0.00	41.57 1.44 0.00	35.90 1.45 0.00	32.05 1.56 0.00
WHITEHAL_115KV_TB1 80871	31.93 3.19 0.00	29.83 2.98 0.00	27.97 2.57 0.00	26.41 2.42 0.00	26.23 2.23 0.00	28.07 2.51 0.00	31.91 3.01 0.00	32.58 3.41 0.00	33.42 3.58 0.00	35.44 3.71 0.00	34.63 3.63 0.00	36.20 3.82 0.00	39.14 4.26 0.00	42.60 4.56 0.00	46.44 5.31 0.00	50.19 6.05 0.00	66.58 8.63 0.00	84.69 11.72 0.74	71.94 10.82 0.02	60.41 9.13 0.00	54.66 8.38 0.00	46.38 6.26 0.00	39.82 5.37 0.00	35.04 4.54 0.00
WHITEPLN_13_KV_LOAD 356215	30.66 1.93 0.00	28.56 1.72 0.00	26.65 1.24 0.00	25.12 1.13 0.00	25.15 1.15 0.00	26.94 1.38 0.00	30.75 1.85 0.00	31.30 2.13 0.00	32.23 2.39 0.00	34.21 2.48 0.00	33.61 2.60 0.00	35.10 2.72 0.00	37.64 2.76 0.00	40.89 2.85 0.00	44.18 3.04 0.00	47.68 3.53 0.00	62.23 4.29 0.00	80.24 5.82 -0.71	65.63 4.46 -0.02	54.77 3.49 0.00	49.47 3.19 0.00	42.57 2.45 0.00	36.72 2.27 0.00	32.69 2.20 0.00
WM_FLOYD_69_KV_BK2 356380	30.86 2.13 0.00	29.47 2.15 -0.48	27.03 1.63 0.00	25.29 1.30 0.00	25.24 1.25 0.00	27.38 1.82 0.00	30.90 1.99 0.00	31.59 2.42 0.00	34.11 2.89 -1.37	34.05 2.32 0.00	33.86 2.85 0.00	35.32 2.95 0.00	37.67 2.79 0.00	40.93 2.89 0.00	44.61 3.46 -0.02	47.90 3.75 0.00	62.75 4.81 0.00	80.47 6.04 -0.71	65.87 4.71 -0.02	54.87 3.59 0.00	49.61 3.33 0.00	42.69 2.57 0.00	36.48 2.03 0.00	33.43 2.62 -0.31
WOODARD___115KV_TB2 355635	28.68 -0.06 0.00	26.74 -0.11 0.00	25.20 -0.20 0.00	23.77 -0.22 0.00	23.76 -0.24 0.00	25.33 -0.23 0.00	28.79 -0.12 0.00	29.05 -0.12 0.00	29.69 -0.15 0.00	31.67 -0.06 0.00	30.88 -0.12 0.00	32.31 -0.06 0.00	34.92 0.03 0.00	38.19 0.15 0.00	41.46 0.33 0.00	44.72 0.57 0.00	59.04 1.27 0.18	74.90 1.62 0.43	62.54 1.41 0.01	52.26 0.97 0.00	47.11 0.83 0.00	40.49 0.36 0.00	34.59 0.14 0.00	30.43 -0.06 0.00
YORK___WARBASSE 23770	55.72 2.10 -24.89	46.09 1.80 -17.45	40.39 1.30 -13.69	25.20 1.15 -0.06	28.96 1.20 -3.77	27.05 1.43 -0.06	40.48 1.94 -9.64	44.55 2.19 -13.19	44.65 2.45 -12.36	46.30 2.57 -12.00	47.28 2.73 -13.54	74.92 2.85 -39.69	62.16 2.90 -24.38	70.00 3.00 -28.96	117.51 3.09 -73.29	66.49 3.58 -18.77	62.94 4.17 -0.82	99.71 5.82 -20.17	65.32 4.16 -0.02	63.01 3.54 -8.19	63.20 3.24 -13.68	44.50 2.57 -1.81	45.63 2.48 -8.70	45.14 2.35 -12.30