

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										07/10/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	51.11	48.67	43.09	41.03	41.02	42.32	46.98	50.74	53.79	57.16	58.28	59.11	61.64	64.36	67.32	71.54	77.37	86.78	81.67	74.46	67.86	64.33	56.10	49.66			
		3.65	3.69	2.97	2.79	2.75	2.92	3.56	3.54	3.52	3.79	3.81	3.80	3.79	3.84	4.12	5.34	5.71	6.34	5.12	4.25	3.54	2.83	3.57	3.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.82	-1.03	-1.19	-1.15	-1.29	-0.57	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	51.20	48.76	43.13	41.10	41.09	42.36	46.98	50.74	53.74	57.05	58.18	59.06	61.52	64.24	67.26	71.48	77.23	86.70	81.67	74.46	67.86	64.39	56.15	49.71			
		3.75	3.78	3.01	2.87	2.83	2.96	3.56	3.54	3.47	3.68	3.70	3.75	3.68	3.72	4.05	5.28	5.57	6.26	5.12	4.25	3.54	2.89	3.62	3.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.82	-1.03	-1.20	-1.15	-1.29	-0.57	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	51.20	48.76	43.13	41.10	41.09	42.36	46.98	50.74	53.74	57.05	58.18	59.06	61.52	64.24	67.26	71.48	77.23	86.70	81.67	74.46	67.86	64.39	56.15	49.71			
		3.75	3.78	3.01	2.87	2.83	2.96	3.56	3.54	3.47	3.68	3.70	3.75	3.68	3.72	4.05	5.28	5.57	6.26	5.12	4.25	3.54	2.89	3.62	3.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.82	-1.03	-1.20	-1.15	-1.29	-0.57	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	50.92	48.27	42.73	40.68	40.75	42.04	46.46	50.17	53.53	56.62	57.20	57.68	59.94	62.22	64.39	67.50	73.00	82.46	78.94	73.87	68.89	66.11	56.52	49.66			
		3.46	3.28	2.61	2.45	2.49	2.64	3.04	2.97	3.27	3.26	2.72	2.70	2.82	2.76	2.74	3.26	3.59	4.20	4.82	4.74	4.57	4.61	3.99	3.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.34	0.50	0.73	0.92	1.06	1.02	1.15	0.51	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	50.97	48.31	42.77	40.72	40.75	42.04	46.51	50.22	53.58	56.73	57.25	57.68	59.95	62.29	64.40	67.51	73.01	82.71	79.10	74.08	69.21	66.42	56.73	49.76			
		3.51	3.33	2.65	2.48	2.49	2.64	3.08	3.02	3.32	3.36	2.78	2.70	2.82	2.82	2.74	3.26	3.59	4.44	4.97	4.95	4.89	4.92	4.20	3.30			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.33	0.49	0.72	0.91	1.05	1.01	1.13	0.50	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	50.92	48.27	42.73	40.68	40.75	42.04	46.46	50.17	53.53	56.62	57.20	57.68	59.94	62.22	64.39	67.50	73.00	82.46	78.94	73.87	68.89	66.11	56.52	49.66			
		3.46	3.28	2.61	2.45	2.49	2.64	3.04	2.97	3.27	3.26	2.72	2.70	2.82	2.76	2.74	3.26	3.59	4.20	4.82	4.74	4.57	4.61	3.99	3.21			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.34	0.50	0.73	0.92	1.06	1.02	1.15	0.51	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	49.49	47.14	41.77	39.92	39.87	41.17	45.51	48.99	52.03	55.29	56.32	56.39	58.27	60.41	62.44	65.53	70.63	80.09	75.12	70.53	66.19	63.10	54.42	47.90			
		2.04	2.16	1.65	1.68	1.61	1.77	2.08	1.79	1.76	1.92	1.85	1.60	1.55	1.56	1.68	2.41	2.53	3.09	2.41	2.02	1.87	1.60	1.89	1.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.75	1.11	1.63	2.05	2.37	2.28	2.55	1.14	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	47.93	45.57	40.44	38.58	38.57	39.75	43.94	47.48	50.47	53.58	54.58	55.06	56.96	59.13	61.40	64.41	69.38	78.29	73.87	68.74	63.81	61.01	52.53	46.36			
		0.47	0.58	0.32	0.34	0.31	0.35	0.52	0.28	0.20	0.21	0.11	0.06	-0.23	-0.42	-0.37	0.00	-0.21	-0.16	-0.45	-0.49	-0.51	-0.49	0.00	-0.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.28	0.41	0.60	0.76	0.87	0.84	0.94	0.42	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	47.08	44.81	39.96	38.12	38.15	39.28	43.25	47.34	50.37	53.53	54.47	54.97	57.29	59.90	62.19	64.06	69.41	78.26	74.21	68.81	64.06	61.50	52.00	46.13			
		-0.38	-0.18	-0.16	-0.11	-0.11	-0.12	-0.17	0.14	0.10	0.16	0.00	-0.17	-0.17	-0.06	-0.19	-1.11	-1.06	-1.03	-1.05	-0.84	-0.26	0.00	-0.53	-0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	49.02	46.56	41.32	39.42	39.41	40.58	44.77	48.28	51.27	54.38	55.34	55.93	57.80	52.29	53.93	56.11	59.78	66.42	63.39	69.09	64.05	61.32	52.74	46.53			
		1.56	1.57	1.20	1.19	1.15	1.18	1.35	1.09	1.00	1.01	0.87	0.88	0.52	-0.60	-0.62	-0.26	-0.42	-0.08	-0.30	-0.28	-0.26	-0.18	0.21	0.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	7.07	7.82	8.79	10.27	12.79	11.58	0.27	0.02	0.00	0.00	0.02			
ALBANY_2_SOLAR	323834	48.97	46.52	41.32	39.38	39.41	40.58	44.77	48.28	51.27	54.38	55.29	55.88	57.80	52.30	53.94	56.12	59.78	66.35	63.32	69.09	64.05	61.32	52.69	46.49			
		1.52	1.53	1.20	1.15	1.15	1.18	1.35	1.09	1.00	1.01	0.82	0.83	0.52	-0.60	-0.62	-0.26	-0.42	-0.16	-0.37	-0.28	-0.26	-0.18	0.16	0.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	7.06	7.82	8.79	10.27	12.78	11.57	0.27	0.02	0.00	0.00	0.02			
ALBANY___1	23571	47.93	45.57	40.44	38.58	38.57	39.75	43.94	47.48	50.47	53.58	54.58	55.06	56.96	59.13	61.40	64.41	69.38	78.29	73.87	68.74	63.81	61.01	52.53	46.36			
		0.47	0.58	0.32	0.34	0.31	0.35	0.52	0.28	0.20	0.21	0.11	0.06	-0.23	-0.42	-0.37	0.00	-0.21	-0.16	-0.45	-0.49	-0.51	-0.49	0.00	-0.09			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.28	0.41	0.60	0.76	0.87	0.84	0.94	0.42	0.00	0.00	0.00	0.00			

ALBANY___2 23572	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.31 0.00	39.75 0.35 0.00	43.94 0.52 0.00	47.48 0.28 0.00	50.47 0.20 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.40 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.29 -0.16 0.84	73.87 -0.45 0.94	68.74 -0.49 0.42	63.81 -0.51 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.36 -0.09 0.00
ALBANY___3 23573	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.31 0.00	39.75 0.35 0.00	43.94 0.52 0.00	47.48 0.28 0.00	50.47 0.20 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.40 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.29 -0.16 0.84	73.87 -0.45 0.94	68.74 -0.49 0.42	63.81 -0.51 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.36 -0.09 0.00
ALBANY___4 23574	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.31 0.00	39.75 0.35 0.00	43.94 0.52 0.00	47.48 0.28 0.00	50.47 0.20 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.40 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.29 -0.16 0.84	73.87 -0.45 0.94	68.74 -0.49 0.42	63.81 -0.51 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.36 -0.09 0.00
ALBANY___LFGE 323615	48.55 1.09 0.00	46.11 1.13 0.00	40.88 0.76 0.00	39.00 0.76 0.00	39.03 0.76 0.00	40.23 0.83 0.00	44.42 1.00 0.00	48.00 0.80 0.00	51.07 0.80 0.00	54.27 0.91 0.00	55.29 0.82 0.00	55.71 0.71 0.14	57.74 0.57 0.30	59.93 0.42 0.45	62.16 0.44 0.66	65.25 0.91 0.83	70.29 0.78 0.96	79.48 1.11 0.92	74.84 0.60 1.03	69.67 0.49 0.46	64.77 0.45 0.00	61.93 0.43 0.00	53.26 0.74 0.00	46.92 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	47.31 -0.14 0.00	45.03 0.04 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.52 0.12 0.00	43.47 0.04 0.00	47.62 0.42 0.00	50.67 0.40 0.00	53.85 0.48 0.00	54.80 0.33 0.00	55.19 0.06 0.00	57.47 0.00 0.00	60.14 0.18 0.00	62.44 0.06 0.00	64.19 -0.98 0.00	69.55 -0.92 0.00	78.49 -0.79 0.00	74.44 -0.83 0.00	69.08 -0.56 0.00	64.32 0.00 0.00	61.81 0.31 0.00	52.26 -0.26 0.00	46.36 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	47.31 -0.14 0.00	45.03 0.04 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.52 0.12 0.00	43.47 0.04 0.00	47.62 0.42 0.00	50.67 0.40 0.00	53.85 0.48 0.00	54.80 0.33 0.00	55.19 0.06 0.00	57.47 0.00 0.00	60.14 0.18 0.00	62.44 0.06 0.00	64.19 -0.98 0.00	69.55 -0.92 0.00	78.49 -0.79 0.00	74.44 -0.83 0.00	69.08 -0.56 0.00	64.32 0.00 0.00	61.81 0.31 0.00	52.26 -0.26 0.00	46.36 -0.09 0.00
ALCOA___DSASP 323711	47.31 -0.14 0.00	45.03 0.05 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.52 0.12 0.00	43.47 0.04 0.00	47.72 0.52 0.00	50.67 0.40 0.00	53.69 0.32 0.00	54.69 0.22 0.00	55.19 0.06 0.00	57.47 0.00 0.00	60.14 0.18 0.00	62.44 0.06 0.00	64.19 -0.98 0.00	69.55 -0.92 0.00	78.18 -1.11 0.00	74.44 -0.83 0.00	69.08 -0.56 0.00	64.19 -0.13 0.00	61.81 0.31 0.00	52.27 -0.26 0.00	46.32 -0.14 0.00
ALLEGHENY___COGEN 23514	50.30 2.85 0.00	46.83 1.85 0.00	42.37 2.25 0.00	40.00 1.76 0.00	40.33 2.06 0.00	41.57 2.17 0.00	45.11 1.69 0.00	48.14 0.94 0.00	51.27 1.00 0.00	52.04 -1.33 0.00	53.33 -1.15 0.00	54.14 -0.99 0.00	56.83 -0.63 0.00	59.24 -0.72 0.00	61.76 -0.62 0.00	66.14 0.98 0.00	72.79 2.32 0.00	82.06 2.77 0.00	79.48 4.21 0.00	75.00 5.36 0.00	68.70 4.38 0.00	64.88 3.38 0.00	55.84 3.31 0.00	51.33 4.88 0.00
ALTAMONT_115KV_TB 2 55880	48.59 1.14 0.00	46.15 1.17 0.00	41.00 0.88 0.00	39.11 0.88 0.00	39.10 0.84 0.00	40.31 0.91 0.00	44.51 1.09 0.00	48.09 0.90 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.29 0.82 0.00	55.82 0.77 0.08	57.92 0.63 0.18	60.56 0.48 -0.12	62.98 0.56 -0.04	66.19 1.04 0.02	71.37 0.92 0.01	80.55 1.11 -0.16	76.19 0.90 -0.02	70.07 0.70 0.27	64.90 0.58 0.00	62.05 0.55 0.00	53.37 0.84 0.00	47.11 0.65 0.00
ALTONA_WT_PWR 323606	46.84 -0.62 0.00	44.58 -0.41 0.00	39.72 -0.40 0.00	37.93 -0.31 0.00	37.95 -0.31 0.00	39.08 -0.32 0.00	43.07 -0.35 0.00	47.20 0.00 0.00	49.97 -0.30 0.00	52.57 -0.80 0.00	53.38 -1.09 0.00	53.92 -1.21 0.00	56.15 -1.32 0.00	58.76 -1.20 0.00	61.01 -1.37 0.00	62.76 -2.41 0.00	68.00 -2.47 0.00	76.51 -2.78 0.00	72.79 -2.48 0.00	67.55 -2.09 0.00	62.78 -1.54 0.00	60.40 -1.11 0.00	51.22 -1.31 0.00	45.62 -0.83 0.00
AMERICAN_REF_FUEL 24010	46.41 -1.04 0.00	43.23 -1.76 0.00	39.44 -0.68 0.00	37.13 -1.11 0.00	37.50 -0.76 0.00	38.61 -0.79 0.00	41.47 -1.95 0.00	44.08 -3.12 0.00	48.11 -2.16 0.00	50.54 -2.83 0.00	52.24 -2.24 0.00	53.26 -1.87 0.00	56.09 -1.38 0.00	58.46 -1.50 0.00	60.95 -1.43 0.00	64.71 -0.45 0.00	71.03 0.56 0.00	79.44 0.16 0.00	76.55 1.28 0.00	71.11 1.46 0.00	64.06 -0.26 0.00	60.21 -1.29 0.00	52.63 0.11 0.00	47.85 1.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.40 0.95 0.00	44.99 0.00 0.00	40.84 0.72 0.00	38.62 0.38 0.00	38.91 0.65 0.00	40.15 0.75 0.00	43.47 0.04 0.00	46.58 -0.61 0.00	50.67 0.40 0.00	53.21 -0.16 0.00	55.07 0.60 0.00	56.13 0.99 0.00	59.13 1.67 0.00	61.82 1.86 0.00	64.44 2.06 0.00	68.29 3.13 0.00	75.19 4.72 0.00	84.12 4.84 0.00	81.14 5.87 0.00	75.28 5.64 0.00	67.86 3.54 0.00	63.84 2.34 0.00	55.57 3.05 0.00	49.99 3.53 0.00
ARTHUR KILL_GT_1 23520	51.21 3.75 -0.01	48.91 3.91 -0.01	43.30 3.17 -0.01	41.23 2.98 -0.01	41.22 2.95 -0.01	42.43 3.03 0.00	47.03 3.60 0.00	50.36 3.16 0.00	52.83 2.56 0.00	56.14 2.78 4.18	53.17 2.89 5.84	52.22 2.92 5.84	53.20 2.70 6.96	55.52 2.70 7.14	59.28 2.99 6.10	59.65 4.24 9.75	71.13 4.30 3.63	80.58 4.92 3.62	76.05 3.84 3.05	67.34 3.13 5.43	62.09 2.64 4.87	55.58 1.91 7.83	52.57 3.10 3.06	49.86 3.39 -0.01
ARTHUR_KILL_2 23512	51.02 3.56 -0.01	48.72 3.73 -0.01	43.14 3.01 -0.01	41.11 2.87 -0.01	41.10 2.83 -0.01	42.32 2.92 0.00	46.85 3.43 0.00	50.31 3.11 0.00	52.57 2.31 0.01	56.03 2.67 0.01	53.01 2.72 4.18	52.00 2.70 5.84	52.97 2.47 6.96	55.28 2.46 7.14	59.03 2.74 6.10	59.33 3.91 9.75	70.78 3.94 3.63	80.42 4.76 3.62	75.68 3.46 3.05	67.00 2.79 5.43	61.77 2.31 4.87	55.33 1.66 7.83	52.31 2.83 3.06	49.44 2.98 -0.01
ARTHUR_KILL_3 23513	50.59 3.13 0.00	48.23 3.24 0.00	42.69 2.57 0.00	40.65 2.41 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.46 3.04 0.00	50.08 2.88 0.00	53.03 2.76 0.00	56.46 3.09 0.00	53.24 2.94 4.18	52.17 2.87 5.83	53.27 2.76 6.96	55.57 2.76 7.15	59.27 2.99 6.10	59.60 4.17 9.74	71.20 4.37 3.64	80.89 5.23 3.63	75.97 3.76 3.06	67.26 3.06 5.44	62.02 2.58 4.88	55.57 1.91 7.84	52.24 2.78 3.06	48.92 2.46 0.00

ARTHUR_KILL_COGEN 323718	51.21 3.75 -0.01	48.90 3.91 -0.01	43.30 3.17 -0.01	41.23 2.98 -0.01	41.22 2.95 -0.01	42.43 3.03 0.00	47.02 3.60 0.00	50.50 3.30 0.00	52.72 2.46 0.01	56.24 2.88 0.01	53.23 2.94 4.18	52.22 2.92 5.84	53.20 2.70 6.96	55.52 2.70 7.14	59.28 2.99 6.10	59.59 4.17 9.75	71.13 4.30 3.63	80.81 5.15 3.62	76.05 3.84 3.05	67.34 3.14 5.43	62.15 2.70 4.87	55.58 1.91 7.83	52.57 3.10 3.06	49.67 3.20 -0.01
ASHOKAN____ 23654	50.25 2.80 0.00	47.59 2.61 0.00	42.25 2.12 0.00	40.11 1.87 0.00	40.14 1.87 0.00	41.29 1.89 0.00	45.55 2.13 0.00	48.80 1.61 0.00	51.57 1.30 0.00	54.75 1.39 0.00	55.67 1.20 0.00	58.22 3.09 0.00	60.68 3.22 0.00	56.68 3.06 6.34	58.63 3.18 6.93	61.47 4.04 7.74	65.72 4.30 9.04	73.42 5.55 11.41	69.94 4.89 10.22	73.96 4.32 0.00	66.88 2.58 0.02	63.16 1.66 0.00	54.73 2.21 0.00	48.39 1.95 0.02
ASTORIA_EAST_ENERGY_CC1 323581	50.93 3.46 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.21 2.80 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.88 2.61 0.00	56.41 3.04 0.00	57.58 3.10 0.00	58.34 3.03 -0.17	60.55 2.70 -0.38	63.15 2.64 -0.55	66.19 2.99 -0.81	70.23 4.04 -1.03	75.95 4.30 -1.19	85.79 5.23 -1.27	80.43 3.84 -1.33	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	50.93 3.46 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.21 2.80 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.88 2.61 0.00	56.41 3.04 0.00	57.58 3.10 0.00	58.34 3.03 -0.17	60.55 2.70 -0.38	63.15 2.64 -0.55	66.19 2.99 -0.81	70.23 4.04 -1.03	75.95 4.30 -1.19	85.79 5.23 -1.27	80.43 3.84 -1.33	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
ASTORIA_GT2_1 24094	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT2_2 24095	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT2_3 24096	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT2_4 24097	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT3_1 24098	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT3_2 24099	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT3_3 24100	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT3_4 24101	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT4_1 24102	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT4_2 24103	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT4_3 24104	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01

ASTORIA_GT4_4 24105	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.36 3.16 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.51 3.20 -0.17	60.60 2.76 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.55 5.00 -1.27	80.51 3.91 -1.33	73.41 3.20 -0.56	66.95 2.64 0.01	63.65 2.15 0.01	55.84 3.31 -0.01	49.67 3.21 -0.01
ASTORIA_GT_1 23523	51.07 3.61 -0.01	48.73 3.73 -0.01	43.06 2.93 -0.01	41.00 2.75 -0.01	40.99 2.72 -0.01	42.32 2.92 -0.01	46.94 3.52 0.00	50.45 3.26 0.00	53.13 2.87 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.72 2.87 -0.38	63.39 2.88 -0.55	66.38 3.18 -0.81	70.49 4.30 -1.03	76.23 4.58 -1.19	85.79 5.23 -1.27	80.74 4.14 -1.33	73.62 3.41 -0.56	67.14 2.83 0.01	63.83 2.34 0.01	56.00 3.47 -0.01	49.76 3.30 -0.01
ASTORIA_GT_10 24110	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.58 3.10 0.00	58.40 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.39 3.84 -1.28	73.34 3.13 -0.56	66.88 2.57 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.52 3.07 0.00
ASTORIA_GT_11 24225	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.58 3.10 0.00	58.40 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.39 3.84 -1.28	73.34 3.13 -0.56	66.88 2.57 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.52 3.07 0.00
ASTORIA_GT_12 24226	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.58 3.10 0.00	58.40 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.39 3.84 -1.28	73.34 3.13 -0.56	66.88 2.57 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.52 3.07 0.00
ASTORIA_GT_13 24227	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.58 3.10 0.00	58.40 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.39 3.84 -1.28	73.34 3.13 -0.56	66.88 2.57 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.52 3.07 0.00
ASTORIA_GT_5 24106	51.07 3.61 -0.01	48.73 3.73 -0.01	43.06 2.93 -0.01	41.00 2.75 -0.01	40.99 2.72 -0.01	42.32 2.92 -0.01	46.94 3.52 0.00	50.45 3.26 0.00	53.13 2.87 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.72 2.87 -0.38	63.39 2.88 -0.55	66.38 3.18 -0.81	70.49 4.30 -1.03	76.23 4.58 -1.19	85.79 5.23 -1.27	80.74 4.14 -1.33	73.62 3.41 -0.56	67.14 2.83 0.01	63.83 2.34 0.01	56.00 3.47 -0.01	49.76 3.30 -0.01
ASTORIA_GT_7 24107	51.07 3.61 -0.01	48.73 3.73 -0.01	43.06 2.93 -0.01	41.00 2.75 -0.01	40.99 2.72 -0.01	42.32 2.92 -0.01	46.94 3.52 0.00	50.45 3.26 0.00	53.13 2.87 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.72 2.87 -0.38	63.39 2.88 -0.55	66.38 3.18 -0.81	70.49 4.30 -1.03	76.23 4.58 -1.19	85.79 5.23 -1.27	80.74 4.14 -1.33	73.62 3.41 -0.56	67.14 2.83 0.01	63.83 2.34 0.01	56.00 3.47 -0.01	49.76 3.30 -0.01
ASTORIA_GT_8 24108	51.07 3.61 -0.01	48.73 3.73 -0.01	43.06 2.93 -0.01	41.00 2.75 -0.01	40.99 2.72 -0.01	42.32 2.92 -0.01	46.94 3.52 0.00	50.45 3.26 0.00	53.13 2.87 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.72 2.87 -0.38	63.39 2.88 -0.55	66.38 3.18 -0.81	70.49 4.30 -1.03	76.23 4.58 -1.19	85.79 5.23 -1.27	80.74 4.14 -1.33	73.62 3.41 -0.56	67.14 2.83 0.01	63.83 2.34 0.01	56.00 3.47 -0.01	49.76 3.30 -0.01
ASTORIA___2 24149	50.97 3.51 -0.01	48.59 3.60 -0.01	42.98 2.85 -0.01	40.92 2.68 -0.01	40.91 2.64 -0.01	42.21 2.80 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.93 2.66 0.00	56.46 3.09 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.55 2.70 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.79 5.23 -1.27	80.51 3.91 -1.33	73.41 3.21 -0.56	67.01 2.70 0.01	63.64 2.15 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
ASTORIA___3 23516	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.08 2.81 0.00	56.52 3.15 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.37 4.17 -1.03	76.10 4.44 -1.19	85.74 5.31 -1.14	80.38 3.84 -1.28	73.34 3.14 -0.56	66.95 2.64 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.34 2.88 0.00
ASTORIA___4 23517	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.58 3.10 0.00	58.40 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.39 3.84 -1.28	73.34 3.13 -0.56	66.88 2.57 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.52 3.07 0.00
ASTORIA___5 23518	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.08 2.81 0.00	56.52 3.15 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.37 4.17 -1.03	76.10 4.44 -1.19	85.74 5.31 -1.14	80.38 3.84 -1.28	73.34 3.14 -0.56	66.95 2.64 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.34 2.88 0.00
AST_ENERGY_2_CC3 323677	38.26 3.32 12.52	38.26 3.38 10.10	38.26 2.69 4.55	38.26 2.52 2.50	38.26 2.49 2.49	38.26 2.56 3.70	38.26 3.13 8.29	38.26 2.98 11.91	38.26 2.86 14.87	38.26 3.20 18.31	38.96 3.16 18.67	38.96 3.09 19.26	38.96 3.04 21.55	41.16 3.06 21.86	44.14 3.30 21.54	48.26 4.49 21.40	56.07 4.72 19.12	65.68 5.63 19.24	60.38 4.21 19.10	52.13 3.41 20.92	46.89 2.90 20.33	41.35 2.21 22.36	38.96 3.10 16.67	38.96 2.65 10.14
AST_ENERGY_2_CC4 323678	38.26 3.32 12.52	38.26 3.38 10.10	38.26 2.69 4.55	38.26 2.52 2.50	38.26 2.49 2.49	38.26 2.56 3.70	38.26 3.13 8.29	38.26 2.98 11.91	38.26 2.86 14.87	38.26 3.20 18.31	38.96 3.16 18.67	38.96 3.09 19.26	38.96 3.04 21.55	41.16 3.06 21.86	44.14 3.30 21.54	48.26 4.49 21.40	56.07 4.72 19.12	65.68 5.63 19.24	60.38 4.21 19.10	52.13 3.41 20.92	46.89 2.90 20.33	41.35 2.21 22.36	38.96 3.10 16.67	38.96 2.65 10.14

ATHENS_STG_1 23668	48.88	46.47	41.29	39.38	39.37	40.54	44.81	48.38	51.37	54.65	55.73	56.37	58.71	61.27	63.90	67.48	72.72	81.97	77.38	71.13	65.41	62.30	53.79	47.44
	1.42	1.48	1.16	1.15	1.11	1.14	1.39	1.18	1.10	1.28	1.25	1.16	1.09	1.08	1.18	1.89	1.76	2.22	1.58	1.25	1.09	0.80	1.26	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.15	-0.23	-0.33	-0.42	-0.49	-0.47	-0.52	-0.23	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	48.88	46.47	41.29	39.38	39.37	40.54	44.81	48.38	51.37	54.65	55.73	56.37	58.71	61.27	63.90	67.48	72.72	81.97	77.38	71.13	65.41	62.30	53.79	47.44
	1.42	1.48	1.16	1.15	1.11	1.14	1.39	1.18	1.10	1.28	1.25	1.16	1.09	1.08	1.18	1.89	1.76	2.22	1.58	1.25	1.09	0.80	1.26	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.15	-0.23	-0.33	-0.42	-0.49	-0.47	-0.52	-0.23	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	48.88	46.47	41.29	39.38	39.37	40.54	44.81	48.38	51.37	54.65	55.73	56.37	58.71	61.27	63.90	67.48	72.72	81.97	77.38	71.13	65.41	62.30	53.79	47.44
	1.42	1.48	1.16	1.15	1.11	1.14	1.39	1.18	1.10	1.28	1.25	1.16	1.09	1.08	1.18	1.89	1.76	2.22	1.58	1.25	1.09	0.80	1.26	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.15	-0.23	-0.33	-0.42	-0.49	-0.47	-0.52	-0.23	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	47.98	45.12	40.48	38.50	38.57	39.72	43.78	47.49	50.74	53.58	55.33	56.58	58.99	61.82	64.15	67.74	73.64	82.73	77.83	72.08	66.12	62.98	53.89	47.57
	0.52	0.13	0.36	0.27	0.31	0.32	0.17	0.00	0.15	0.21	0.38	0.72	0.98	1.02	1.06	1.63	1.97	2.06	2.56	2.44	1.80	1.48	1.37	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.29	-0.32	0.00	-0.48	-0.73	-0.55	-0.84	-0.71	-0.95	-1.20	-1.38	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	52.97	49.36	46.84	47.11	46.95	45.09	47.69	49.93	52.56	55.89	57.97	66.33	61.76	64.86	67.77	72.06	85.79	98.31	96.26	85.09	75.68	65.30	55.85	49.20
	3.89	4.36	3.85	3.63	3.64	3.78	4.26	2.74	2.36	2.77	3.49	3.75	3.85	4.13	4.55	5.74	5.99	7.14	5.42	4.60	3.54	3.20	3.57	2.65
	-1.62	-0.01	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.07	0.25	0.00	-7.45	-0.45	-0.77	-0.84	-1.16	-9.33	-11.89	-15.57	-10.85	-7.83	-0.60	0.25	-0.09
BALL_HILL_WT_PWR 323825	47.69	44.40	40.32	38.08	38.42	39.60	42.81	45.78	49.86	52.35	54.09	55.14	58.10	60.68	63.32	67.12	73.85	82.69	79.63	73.89	66.63	62.61	54.57	49.15
	0.24	-0.59	0.20	-0.15	0.15	0.20	-0.61	-1.41	-0.40	-1.02	-0.38	0.00	0.63	0.72	0.94	1.95	3.38	3.41	4.36	4.25	2.31	1.11	2.05	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	48.07	44.90	40.56	38.35	38.64	39.83	43.34	46.39	49.97	52.73	54.20	55.14	57.87	60.44	63.00	66.67	73.00	81.98	78.81	73.33	66.76	63.04	54.47	48.83
	0.62	-0.09	0.44	0.12	0.38	0.43	-0.09	-0.80	-0.30	-0.64	-0.27	0.00	0.41	0.48	0.62	1.50	2.53	2.70	3.54	3.69	2.44	1.54	1.94	2.37
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	87.19	81.27	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	-1.89	-1.56	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_10 23701	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	77.81	77.81	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	7.50	1.90	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_11 23702	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	77.81	77.81	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	7.50	1.90	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_12 23703	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	77.81	77.81	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	7.50	1.90	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_2 23705	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	87.19	81.27	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	-1.89	-1.56	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_3 23706	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	87.19	81.27	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	-1.89	-1.56	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_4 23707	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	87.19	81.27	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	-1.89	-1.56	-0.57	0.00	0.00	-0.08	-0.01
BARRETT_IC_5 23708	50.92	48.87	46.16	46.46	46.30	44.41	47.08	49.65	52.38	55.82	57.41	58.51	61.06	63.93	66.95	71.03	76.75	87.19	81.27	74.04	67.22	64.02	55.98	48.83
	3.46	3.87	3.17	2.98	2.99	3.11	3.65	2.45	2.11	2.46	2.94	3.20	3.22	3.42	3.74	4.82	5.08	6.02	4.44	3.83	2.90	2.52	3.36	2.37
	-0.01	-0.02	-2.87	-5.24	-5.05	-1.90	-0.01	0.00	0.00	0.00	0.00	-0.17	-0.38	-0.56	-0.83	-1.04	-1.20	-1.89	-1.56	-0.57	0.00	0.00	-0.08	-0.01

BARRETT_IC_6 23709	50.92 3.46 -0.01	48.87 3.87 -0.02	46.16 3.17 -2.87	46.46 2.98 -5.24	46.30 2.99 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.65 2.45 0.00	52.38 2.11 0.00	55.82 2.46 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.93 3.42 -0.56	66.95 3.74 -0.83	71.03 4.82 -1.04	76.75 5.08 -1.20	87.19 6.02 -1.89	81.27 4.44 -1.56	74.04 3.83 -0.57	67.22 2.90 0.00	64.02 2.52 0.00	55.98 3.36 -0.08	48.83 2.37 -0.01
BARRETT_IC_7 23710	50.97 3.51 0.00	48.85 3.87 0.00	46.16 3.17 -2.87	46.46 2.98 -5.24	46.29 2.98 -5.05	44.42 3.11 -1.90	47.07 3.65 0.00	50.31 3.11 0.00	52.53 2.26 0.00	55.77 2.40 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.94 3.42 -0.56	66.95 3.74 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.20	86.96 5.79 -1.89	81.27 4.44 -1.56	74.05 3.83 -0.57	67.15 2.83 0.00	64.02 2.52 0.00	55.97 3.36 -0.08	48.97 2.51 0.00
BARRETT_IC_8 23711	50.92 3.46 -0.01	48.87 3.87 -0.02	46.16 3.17 -2.87	46.46 2.98 -5.24	46.30 2.99 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.65 2.45 0.00	52.38 2.11 0.00	55.82 2.46 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.93 3.42 -0.56	66.95 3.74 -0.83	71.03 4.82 -1.04	76.75 5.08 -1.20	87.19 6.02 -1.89	81.27 4.44 -1.56	74.04 3.83 -0.57	67.22 2.90 0.00	64.02 2.52 0.00	55.98 3.36 -0.08	48.83 2.37 -0.01
BARRETT_IC_9 23700	50.92 3.46 -0.01	48.87 3.87 -0.02	46.16 3.17 -2.87	46.46 2.98 -5.24	46.30 2.99 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.65 2.45 0.00	52.38 2.11 0.00	55.82 2.46 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.93 3.42 -0.56	66.95 3.74 -0.83	71.03 4.82 -1.04	76.75 5.08 -1.20	77.81 6.02 7.50	77.81 4.44 1.90	74.04 3.83 -0.57	67.22 2.90 0.00	64.02 2.52 0.00	55.98 3.36 -0.08	48.83 2.37 -0.01
BARRETT___1 23545	50.92 3.46 -0.01	48.87 3.87 -0.02	46.16 3.17 -2.87	46.46 2.98 -5.24	46.30 2.99 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.65 2.45 0.00	52.38 2.11 0.00	55.82 2.46 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.93 3.42 -0.56	66.95 3.74 -0.83	71.03 4.82 -1.04	76.75 5.08 -1.20	87.19 6.02 -1.89	81.27 4.44 -1.56	74.04 3.83 -0.57	67.22 2.90 0.00	64.02 2.52 0.00	55.98 3.36 -0.08	48.83 2.37 -0.01
BARRETT___2 23546	50.92 3.46 -0.01	48.87 3.87 -0.02	46.16 3.17 -2.87	46.46 2.98 -5.24	46.30 2.99 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.65 2.45 0.00	52.38 2.11 0.00	55.82 2.46 0.00	57.41 2.94 0.00	58.51 3.20 -0.17	61.06 3.22 -0.38	63.93 3.42 -0.56	66.95 3.74 -0.83	71.03 4.82 -1.04	76.75 5.08 -1.20	77.81 6.02 7.50	77.81 4.44 1.90	74.04 3.83 -0.57	67.22 2.90 0.00	64.02 2.52 0.00	55.98 3.36 -0.08	48.83 2.37 -0.01
BATAVIA___115KV_TB1 55881	48.31 0.85 0.00	44.99 0.00 0.00	40.84 0.72 0.00	38.54 0.31 0.00	38.72 0.46 0.00	39.99 0.59 0.00	43.51 0.09 0.00	46.39 -0.80 0.00	50.32 0.05 0.00	52.78 -0.59 0.00	54.53 0.05 0.00	55.80 0.66 0.00	58.73 1.26 0.00	61.34 1.38 0.00	63.94 1.56 0.00	67.71 2.54 0.00	74.27 3.81 0.00	82.93 3.65 0.00	80.39 5.12 0.00	74.80 5.15 0.00	67.47 3.15 0.00	63.65 2.15 0.00	55.26 2.73 0.00	49.11 2.65 0.00
BAYONEEC___CTG1 323682	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG10 323750	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG2 323683	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG3 323684	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG4 323685	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG5 323686	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG6 323687	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG7 323688	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00

BAYONEEC___CTG8 323689	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BAYONEEC___CTG9 323749	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.57 3.37 -0.82	70.69 4.49 -1.03	76.46 4.79 -1.20	86.07 5.63 -1.15	80.77 4.21 -1.29	73.70 3.48 -0.57	67.28 2.96 0.00	63.71 2.21 0.00	55.63 3.10 0.00	49.15 2.69 0.00
BEACON___LESR 323632	48.78 1.33 0.00	46.33 1.35 0.00	41.04 0.92 0.00	39.15 0.92 0.00	39.18 0.92 0.00	40.39 0.99 0.00	44.64 1.21 0.00	48.23 1.04 0.00	51.32 1.06 0.00	54.49 1.12 0.00	55.50 1.03 0.00	55.94 0.94 0.13	57.92 0.75 0.30	60.12 0.60 0.44	62.36 0.62 0.64	65.40 1.04 0.81	70.60 1.06 0.93	79.82 1.43 0.90	75.24 0.98 1.00	70.03 0.84 0.45	65.09 0.77 0.00	62.24 0.74 0.00	53.47 0.95 0.00	47.16 0.70 0.00
BEAVER RIVER___HYD 24048	48.78 1.33 0.00	46.06 1.08 0.00	41.16 1.04 0.00	39.23 0.99 0.00	39.25 0.99 0.00	40.50 1.10 0.00	44.82 1.26 -0.14	48.72 1.32 -0.21	51.96 1.46 -0.23	54.92 1.55 0.00	56.51 1.69 -0.34	57.31 1.65 -0.53	59.24 1.38 -0.39	61.95 1.38 -0.61	64.07 1.18 -0.51	66.89 1.04 -0.68	72.67 1.34 -0.86	82.18 1.90 -0.99	77.52 2.26 0.00	72.57 2.92 0.00	66.96 2.64 0.00	63.90 2.40 0.00	54.36 1.84 0.00	47.99 1.53 0.00
BEEBEE_GT_13 23619	47.83 0.38 0.00	44.72 -0.27 0.00	40.40 0.28 0.00	38.20 -0.04 0.00	38.45 0.19 0.00	39.56 0.16 0.00	43.12 -0.30 0.00	46.35 -0.85 0.00	50.02 -0.25 0.00	52.89 -0.48 0.00	54.53 0.05 0.00	55.63 0.50 0.00	58.44 0.98 0.00	60.98 1.02 0.00	63.57 1.19 0.00	67.19 2.02 0.00	73.29 2.82 0.00	81.90 2.62 0.00	78.81 3.54 0.00	73.19 3.55 0.00	66.38 2.06 0.00	62.85 1.35 0.00	54.26 1.73 0.00	48.13 1.67 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.54 4.08 -0.01	49.09 4.09 -0.01	43.46 3.33 -0.01	41.38 3.14 -0.01	41.33 3.06 -0.01	42.55 3.15 0.00	47.20 3.78 0.00	50.74 3.54 0.00	53.48 3.22 0.00	56.84 3.47 0.00	58.07 3.60 0.00	58.95 3.64 -0.17	61.29 3.45 -0.38	63.93 3.42 -0.55	67.00 3.81 -0.81	71.14 4.95 -1.03	76.87 5.21 -1.19	86.37 5.95 -1.14	81.29 4.74 -1.28	74.18 3.97 -0.56	67.72 3.41 0.01	64.20 2.71 0.01	56.26 3.73 0.00	50.14 3.67 -0.01
BETHLEHEM___GRP 23843	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.31 0.00	39.75 0.35 0.00	43.94 0.52 0.00	47.48 0.28 0.00	50.47 0.20 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.40 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.29 -0.16 0.84	73.87 -0.45 0.94	68.74 -0.49 0.42	63.81 -0.51 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.36 -0.09 0.00
BETHLEHEM___GS1 323560	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.30 0.00	39.75 0.35 0.00	43.95 0.52 0.00	47.43 0.24 0.00	50.42 0.15 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.41 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.44 0.00 0.84	73.88 -0.45 0.94	68.74 -0.48 0.42	63.87 -0.45 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.32 -0.14 0.00
BETHLEHEM___GS2 323561	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.30 0.00	39.75 0.35 0.00	43.95 0.52 0.00	47.43 0.24 0.00	50.42 0.15 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.41 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.44 0.00 0.84	73.88 -0.45 0.94	68.74 -0.48 0.42	63.87 -0.45 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.32 -0.14 0.00
BETHLEHEM___GS3 323562	47.93 0.47 0.00	45.57 0.58 0.00	40.44 0.32 0.00	38.58 0.34 0.00	38.57 0.30 0.00	39.75 0.35 0.00	43.95 0.52 0.00	47.43 0.24 0.00	50.42 0.15 0.00	53.58 0.21 0.00	54.58 0.11 0.00	55.06 0.06 0.13	56.96 -0.23 0.28	59.13 -0.42 0.41	61.41 -0.37 0.60	64.41 0.00 0.76	69.38 -0.21 0.87	78.44 0.00 0.84	73.88 -0.45 0.94	68.74 -0.48 0.42	63.87 -0.45 0.00	61.01 -0.49 0.00	52.53 0.00 0.00	46.32 -0.14 0.00
BETHLEHEM___STEEL 23779	47.50 0.05 0.00	44.22 -0.76 0.00	40.16 0.04 0.00	37.93 -0.31 0.00	38.22 -0.04 0.00	39.44 0.04 0.00	42.60 -0.83 0.00	45.31 -1.89 0.00	49.41 -0.85 0.00	51.93 -1.44 0.00	53.71 -0.76 0.00	54.97 -0.17 0.00	57.93 0.46 0.00	60.50 0.54 0.00	63.13 0.75 0.00	66.86 1.69 0.00	73.57 3.10 0.00	81.74 2.46 0.00	79.26 3.99 0.00	73.54 3.90 0.00	65.99 1.67 0.00	62.30 0.80 0.00	54.31 1.79 0.00	48.46 2.00 0.00
BETHLHEM_115KV_TB1 79974	48.07 0.62 0.00	45.70 0.72 0.00	40.52 0.40 0.00	38.69 0.46 0.00	38.68 0.42 0.00	39.87 0.47 0.00	44.03 0.61 0.00	47.62 0.42 0.00	50.62 0.35 0.00	53.69 0.32 0.00	54.74 0.27 0.00	55.24 0.22 0.12	57.15 -0.06 0.26	59.33 -0.24 0.39	61.63 -0.19 0.57	64.65 0.20 0.71	69.64 0.00 0.82	78.57 0.08 0.79	74.23 -0.15 0.89	68.97 -0.28 0.40	64.00 -0.32 0.00	61.19 -0.31 0.00	52.63 0.11 0.00	46.50 0.05 0.00
BETHPAGE_CC_5 323564	51.79 3.56 -0.77	49.09 4.09 -0.01	46.52 3.53 -2.87	46.80 3.32 -5.24	46.60 3.29 -5.05	44.77 3.47 -1.90	47.38 3.95 -0.01	49.65 2.45 0.00	52.32 2.11 0.06	55.69 2.51 0.19	57.58 3.10 0.00	62.55 3.36 -4.05	61.31 3.45 -0.40	64.29 3.72 -0.61	67.27 4.05 -0.83	71.37 5.15 -1.06	79.27 5.43 -3.38	89.64 6.50 -3.85	85.14 4.82 -5.05	76.93 4.04 -3.25	69.36 3.02 -2.02	64.10 2.64 0.05	55.54 3.20 0.19	48.80 2.37 0.03
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.55 0.09 0.00	44.27 -0.72 0.00	40.16 0.04 0.00	37.97 -0.27 0.00	38.26 0.00 0.00	39.48 0.08 0.00	42.64 -0.78 0.00	45.40 -1.79 0.00	49.51 -0.75 0.00	52.03 -1.33 0.00	53.82 -0.65 0.00	55.08 -0.06 0.00	58.04 0.57 0.00	60.68 0.72 0.00	63.32 0.94 0.00	67.05 1.89 0.00	73.78 3.31 0.00	82.06 2.78 0.00	79.48 4.21 0.00	73.75 4.11 0.00	66.19 1.87 0.00	62.42 0.92 0.00	54.42 1.89 0.00	48.50 2.04 0.00
BINGHAMTON___COGEN 23790	48.17 0.71 0.00	45.34 0.36 0.00	40.60 0.48 0.00	38.62 0.38 0.00	38.72 0.46 0.00	39.87 0.47 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.57 0.30 0.00	53.85 0.48 0.00	55.07 0.60 0.00	55.96 0.83 0.00	58.56 1.09 0.00	61.16 1.20 0.00	63.63 1.25 0.00	67.05 1.89 0.00	72.65 2.18 0.00	81.51 2.22 0.00	77.90 2.63 0.00	72.08 2.44 0.00	65.99 1.67 0.00	62.79 1.29 0.00	53.95 1.42 0.00	47.71 1.25 0.00

BIXINCNT_115KV_LOAD 355685	47.74 0.28 0.00	44.36 -0.63 0.00	40.20 0.08 0.00	38.04 -0.19 0.00	38.34 0.08 0.00	39.64 0.24 0.00	42.90 -0.52 0.00	45.78 -1.42 0.00	49.91 -0.35 0.00	52.30 -1.07 0.00	53.87 -0.60 0.00	55.08 -0.06 0.00	58.15 0.69 0.00	60.80 0.84 0.00	63.44 1.06 0.00	67.25 2.09 0.00	73.99 3.52 0.00	82.14 2.85 0.00	79.78 4.52 0.00	74.03 4.39 0.00	66.51 2.19 0.00	62.67 1.17 0.00	54.63 2.10 0.00	48.59 2.14 0.00
BLACK RIVER___HYD 24047	49.16 1.71 0.00	46.29 1.31 0.00	41.40 1.28 0.00	39.46 1.22 0.00	39.49 1.22 0.00	40.78 1.38 0.00	45.19 1.52 -0.24	48.99 1.41 -0.38	52.29 1.61 -0.42	55.29 1.92 0.00	57.33 2.23 -0.62	58.40 2.32 -0.95	60.01 1.84 -0.71	62.67 1.62 -1.09	64.67 1.37 -0.92	67.82 1.43 -1.23	73.85 1.83 -1.56	83.69 2.61 -1.79	78.35 3.09 0.00	73.61 3.97 0.00	67.86 3.54 0.00	64.64 3.13 0.00	54.89 2.37 0.00	48.45 2.00 0.00
BLACKRVR_115KV_TB2 79977	49.16 1.71 0.00	46.29 1.30 0.00	41.40 1.28 0.00	39.46 1.22 0.00	39.49 1.22 0.00	40.78 1.38 0.00	45.19 1.52 -0.24	48.99 1.42 -0.38	52.29 1.61 -0.42	55.29 1.92 0.00	57.33 2.23 -0.62	58.40 2.32 -0.95	60.01 1.84 -0.71	62.67 1.62 -1.09	64.67 1.37 -0.92	67.82 1.43 -1.23	73.86 1.83 -1.56	83.61 2.54 -1.79	78.35 3.09 0.00	73.61 3.97 0.00	67.79 3.47 0.00	64.64 3.14 0.00	54.89 2.36 0.00	48.36 1.90 0.00
BLDWN_LI_69_KV_BK4 356085	51.39 3.94 0.00	49.26 4.27 0.00	46.56 3.57 -2.87	46.84 3.36 -5.24	46.68 3.37 -5.05	44.81 3.51 -1.90	47.50 4.08 0.00	50.74 3.54 0.00	53.03 2.76 0.00	56.25 2.88 0.00	58.01 3.54 0.00	59.22 3.91 -0.17	61.70 3.85 -0.38	64.60 4.08 -0.56	67.69 4.49 -0.82	71.87 5.67 -1.03	77.65 5.99 -1.20	87.25 6.82 -1.15	81.98 5.42 -1.29	74.88 4.67 -0.57	67.92 3.60 0.00	64.88 3.38 0.00	56.39 3.83 -0.02	49.43 2.97 0.00
BLISS_WT_PWR 323608	47.69 0.24 0.00	44.31 -0.67 0.00	40.20 0.08 0.00	38.01 -0.23 0.00	38.34 0.08 0.00	39.64 0.24 0.00	42.90 -0.52 0.00	46.06 -1.13 0.00	50.07 -0.20 0.00	52.57 -0.80 0.00	54.31 -0.16 0.00	55.14 0.00 0.00	58.16 0.69 0.00	60.80 0.84 0.00	63.44 1.06 0.00	67.25 2.08 0.00	73.92 3.45 0.00	82.69 3.41 0.00	79.71 4.44 0.00	73.96 4.32 0.00	66.70 2.38 0.00	62.67 1.17 0.00	54.57 2.05 0.00	49.15 2.69 0.00
BLUESTONE___WT_PWR 323821	50.63 3.18 0.00	47.59 2.61 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.60 2.33 0.00	41.88 2.48 0.00	46.07 2.65 0.00	49.70 2.50 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.85 3.38 0.00	58.77 3.64 0.00	61.37 3.91 0.00	64.28 4.32 0.00	66.75 4.37 0.00	70.31 5.15 0.00	76.17 5.71 0.00	86.18 6.89 0.00	82.04 6.78 0.00	76.40 6.75 0.00	69.98 5.66 0.00	66.42 4.92 0.00	56.73 4.20 0.00	50.08 3.63 0.00
BLUE_CIRC_CHEM_DRP 24182	48.64 1.19 0.00	46.20 1.21 0.00	41.04 0.92 0.00	39.15 0.92 0.00	39.14 0.88 0.00	40.31 0.91 0.00	44.51 1.09 0.00	48.05 0.85 0.00	51.07 0.80 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.71 0.66 0.08	57.57 0.29 0.18	51.96 -1.02 6.98	53.66 -1.00 7.73	55.76 -0.72 8.69	59.40 -0.92 10.15	65.71 -0.95 12.63	62.78 -1.05 11.44	68.39 -0.97 0.27	63.34 -0.96 0.02	60.64 -0.86 0.00	52.11 -0.42 0.00	46.07 -0.37 0.02
BOC_GAS_DRP 24189	48.36 0.90 0.00	45.93 0.94 0.00	40.80 0.68 0.00	38.96 0.73 0.00	38.95 0.69 0.00	40.11 0.71 0.00	44.29 0.87 0.00	47.90 0.71 0.00	50.92 0.65 0.00	54.01 0.64 0.00	55.07 0.60 0.00	55.66 0.61 0.08	57.64 0.34 0.17	60.37 0.24 -0.17	62.72 0.25 -0.09	65.93 0.72 -0.05	71.09 0.56 -0.06	80.24 0.71 -0.24	75.74 0.38 -0.10	69.59 0.21 0.26	64.45 0.13 0.00	61.56 0.06 0.00	53.00 0.47 0.00	46.83 0.37 0.00
BOONVILLE_115KV_TB1 79983	49.07 1.61 0.00	46.33 1.35 0.00	41.36 1.24 0.00	39.42 1.19 0.00	39.45 1.19 0.00	40.66 1.26 0.00	44.90 1.48 0.00	48.66 1.46 0.00	52.03 1.76 0.00	55.13 1.91 0.00	56.38 1.93 0.00	57.07 1.84 0.00	59.30 2.04 0.00	62.00 2.00 0.00	64.38 2.00 0.00	67.25 2.09 0.00	72.93 2.47 0.00	82.14 2.85 0.00	78.28 3.01 0.00	72.92 3.27 0.00	67.15 2.83 0.00	64.02 2.52 0.00	54.58 2.05 0.00	48.13 1.67 0.00
BORALEX_4TH_BRANCH 23824	49.50 2.04 0.00	47.14 2.16 0.00	41.77 1.64 0.00	39.92 1.68 0.00	39.87 1.61 0.00	41.17 1.77 0.00	45.51 2.08 0.00	49.04 1.84 0.00	52.08 1.81 0.00	55.24 1.87 0.00	56.27 1.80 0.00	56.39 1.60 0.34	58.26 1.55 0.75	60.41 1.56 1.11	62.43 1.68 1.63	65.59 2.48 2.05	70.63 2.54 2.37	79.94 2.93 2.28	75.12 2.41 2.55	70.53 2.02 1.14	66.12 1.80 0.00	63.10 1.60 0.00	54.42 1.89 0.00	47.99 1.53 0.00
BOWLINE___1 23526	50.06 2.61 0.00	47.64 2.65 0.00	42.21 2.08 0.00	40.18 1.95 0.00	40.21 1.95 0.00	41.45 2.05 0.00	45.90 2.47 0.00	49.46 2.27 0.00	52.48 2.21 0.00	55.88 2.51 0.00	56.98 2.51 0.00	57.84 2.54 -0.16	60.35 2.53 -0.36	63.06 2.58 -0.53	65.96 2.81 -0.77	69.98 3.84 -0.97	75.60 4.01 -1.12	85.28 4.92 -1.08	80.16 3.69 -1.21	73.24 3.06 -0.54	66.90 2.58 0.00	63.47 1.97 0.00	55.10 2.57 0.00	48.45 2.00 0.00
BOWLINE___2 23595	50.06 2.61 0.00	47.64 2.65 0.00	42.21 2.08 0.00	40.18 1.95 0.00	40.21 1.95 0.00	41.45 2.05 0.00	45.90 2.47 0.00	49.46 2.27 0.00	52.48 2.21 0.00	55.88 2.51 0.00	56.98 2.51 0.00	57.84 2.54 -0.16	60.35 2.53 -0.36	63.06 2.58 -0.53	65.96 2.81 -0.77	69.98 3.84 -0.97	75.60 4.01 -1.12	85.28 4.92 -1.08	80.17 3.69 -1.21	73.24 3.06 -0.54	66.90 2.58 0.00	63.47 1.97 0.00	55.10 2.57 0.00	48.45 2.00 0.00
BRADY___115KV_TB2 356060	47.88 0.43 0.00	45.57 0.58 0.00	40.64 0.52 0.00	38.77 0.54 0.00	38.80 0.54 0.00	39.99 0.59 0.00	43.99 0.56 0.00	48.09 0.90 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.18 0.71 0.00	55.47 0.33 0.00	57.70 0.23 0.00	60.44 0.48 0.00	62.69 0.31 0.00	64.38 -0.78 0.00	69.76 -0.70 0.00	78.81 -0.48 0.00	74.97 -0.30 0.00	69.85 0.21 0.00	65.09 0.77 0.00	62.55 1.05 0.00	52.89 0.37 0.00	46.92 0.46 0.00
BRANSCOMB___SOLAR 323811	50.16 2.70 0.00	47.64 2.65 0.00	42.21 2.08 0.00	40.22 1.99 0.00	40.25 1.99 0.00	41.53 2.13 0.00	45.90 2.47 0.00	49.46 2.27 0.00	52.58 2.31 0.00	55.71 2.35 0.00	56.49 2.02 0.00	56.84 1.88 0.17	59.04 1.95 0.38	61.32 1.92 0.56	63.56 2.00 0.82	66.61 2.48 1.03	72.02 2.75 1.19	81.55 3.41 1.14	77.45 3.46 1.28	72.48 3.41 0.57	67.60 3.28 0.00	64.76 3.26 0.00	55.52 2.99 0.00	48.83 2.37 0.00
BRDGHMPT_69_KV_BK1 55812	61.40 5.79 -8.15	51.24 6.16 -0.09	48.44 5.46 -2.87	48.67 5.20 -5.24	48.47 5.17 -5.05	46.58 5.28 -1.90	49.24 5.82 0.00	52.44 5.24 -0.01	54.74 4.52 0.05	57.85 4.80 0.33	60.30 5.83 0.00	76.88 6.29 -15.46	65.59 6.72 -1.40	70.65 6.96 -3.74	70.70 7.36 -0.96	96.81 8.60 -23.04	205.91 9.23 -126.21	259.70 9.99 -170.42	306.35 8.58 -222.50	238.01 7.59 -160.78	193.63 6.37 -122.94	83.02 5.78 -15.74	57.32 5.46 0.67	53.96 4.46 -3.04

BRENTWOD_69_KV_W. BRTWOOD 56703	61.54 3.99 -10.10	49.46 4.45 -0.02	47.20 4.21 -2.87	47.45 3.98 -5.24	47.25 3.94 -5.05	45.44 4.14 -1.90	48.07 4.65 0.00	51.07 3.87 0.00	52.92 2.76 0.11	55.84 2.88 0.41	58.15 3.65 -0.03	110.74 4.02 -51.58	62.02 3.97 -0.59	65.44 4.26 -1.22	67.91 4.68 -0.85	72.45 5.86 -1.42	103.37 5.64 -27.27	121.90 6.42 -36.19	127.63 5.04 -47.32	107.52 4.25 -33.63	92.70 3.15 -25.23	67.00 3.26 -2.24	56.30 3.78 0.01	49.76 2.93 -0.38
BRISTLHL_115KV_TB1 79998	46.89 -0.57 0.00	44.18 -0.81 0.00	39.64 -0.48 0.00	37.70 -0.54 0.00	37.73 -0.54 0.00	38.85 -0.55 0.00	43.33 -0.69 -0.61	47.23 -0.90 -0.93	50.40 -0.90 -1.04	52.41 -0.96 0.00	55.14 -0.87 -1.54	56.78 -0.72 -2.36	58.66 -0.57 -1.77	62.07 -0.60 -2.71	64.03 -0.62 -2.28	67.95 -0.26 -3.05	74.12 -0.21 -3.87	83.34 -0.40 -4.45	75.19 -0.08 0.00	69.64 0.00 0.00	64.00 -0.32 0.00	61.07 -0.43 0.00	52.26 -0.26 0.00	46.32 -0.14 0.00
BROOKHAVEN___DRP 24191	59.65 4.08 -8.12	49.62 4.54 -0.09	47.16 4.17 -2.87	47.41 3.94 -5.24	47.25 3.94 -5.05	45.40 4.10 -1.90	48.03 4.60 0.00	51.03 3.82 -0.01	53.03 2.81 0.05	55.93 2.88 0.32	58.13 3.65 0.00	74.55 3.97 -15.44	63.00 4.14 -1.40	67.99 4.32 -3.72	67.89 4.55 -0.95	87.79 5.67 -16.95	202.01 6.06 -125.48	255.62 6.90 -169.43	302.19 5.72 -221.20	234.37 4.87 -159.85	190.34 3.79 -122.23	80.66 3.51 -15.65	55.60 3.73 0.65	52.41 2.93 -3.03
BROOKLYN_NAVY_YARD 23515	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.73 3.36 0.00	57.68 3.21 0.00	58.51 3.20 -0.17	60.95 3.10 -0.38	63.63 3.12 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	86.42 5.78 -1.34	80.99 4.36 -1.36	73.76 3.55 -0.57	67.34 3.02 0.00	63.78 2.28 0.00	55.73 3.20 0.00	49.20 2.74 0.00
BROOKLYN___ARMY_DRP 323595	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
BROOME_2_LFGE 323671	48.17 0.71 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.87 0.47 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.62 0.35 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.01 0.88 0.00	58.55 1.09 0.00	61.16 1.20 0.00	63.63 1.25 0.00	67.06 1.89 0.00	72.65 2.19 0.00	81.75 2.46 0.00	77.90 2.63 0.00	72.08 2.44 0.00	66.06 1.74 0.00	62.79 1.29 0.00	53.95 1.42 0.00	47.85 1.39 0.00
BROOME___LFGE 323600	48.17 0.71 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.87 0.47 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.62 0.35 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.01 0.88 0.00	58.55 1.09 0.00	61.16 1.20 0.00	63.63 1.25 0.00	67.06 1.89 0.00	72.65 2.19 0.00	81.75 2.46 0.00	77.90 2.63 0.00	72.08 2.44 0.00	66.06 1.74 0.00	62.79 1.29 0.00	53.95 1.42 0.00	47.85 1.39 0.00
BROWNFLS_115KV_TB_3_5 80003	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.23 0.90 -0.14	51.38 0.96 -0.16	54.44 1.07 0.00	55.79 1.09 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.36 -0.26 -0.46	70.91 -0.14 -0.58	80.20 0.24 -0.67	75.72 0.45 0.00	70.69 1.04 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
BROWNSV1_27_KV_LOAD 356125	51.35 3.89 0.00	48.90 3.91 0.00	43.25 3.13 0.00	41.18 2.94 0.00	41.17 2.91 0.00	42.43 3.03 0.00	47.07 3.65 0.00	50.83 3.63 0.00	53.89 3.62 0.00	57.21 3.84 0.00	58.34 3.87 0.00	59.17 3.86 -0.17	61.70 3.85 -0.38	64.42 3.90 -0.56	67.44 4.24 -0.82	71.67 5.47 -1.03	77.51 5.85 -1.20	87.02 6.58 -1.15	81.90 5.34 -1.29	74.74 4.53 -0.57	68.11 3.79 0.00	64.58 3.08 0.00	56.36 3.83 0.00	49.90 3.44 0.00
BURROWS___LYONSDAL 23803	49.02 1.57 0.00	46.29 1.30 0.00	41.32 1.20 0.00	39.38 1.15 0.00	39.41 1.15 0.00	40.66 1.26 0.00	44.92 1.43 -0.06	48.71 1.42 -0.10	52.08 1.71 -0.11	55.08 1.71 0.00	56.49 1.85 -0.16	57.20 1.82 -0.25	59.38 1.72 -0.19	62.10 1.86 -0.29	64.43 1.81 -0.24	67.38 1.89 -0.32	73.06 2.18 -0.41	82.45 2.70 -0.47	78.13 2.86 0.00	72.85 3.20 0.00	67.09 2.77 0.00	64.02 2.52 0.00	54.52 2.00 0.00	48.08 1.63 0.00
CAITHNESS_CC_1 323624	59.47 3.94 -8.08	49.58 4.50 -0.09	47.12 4.13 -2.87	47.38 3.90 -5.24	47.17 3.86 -5.05	45.32 4.02 -1.90	47.95 4.52 -0.01	50.08 2.88 -0.01	52.73 2.51 0.05	55.93 2.88 0.31	58.01 3.54 0.00	74.37 3.80 -15.43	62.82 3.96 -1.39	67.85 4.20 -3.70	67.84 4.49 -0.96	81.72 5.60 -10.95	201.15 5.92 -124.76	254.78 7.05 -168.44	300.67 5.49 -219.91	233.22 4.67 -158.92	189.49 3.66 -121.51	80.39 3.32 -15.57	55.51 3.62 0.64	52.16 2.69 -3.01
CALPINE BETH_PAGE_GT4 24209	51.62 3.61 -0.56	49.17 4.18 0.00	46.52 3.53 -2.87	46.80 3.33 -5.24	46.64 3.33 -5.05	44.77 3.47 -1.90	47.42 3.99 0.00	50.64 3.45 0.00	52.55 2.31 0.03	55.60 2.35 0.11	57.47 3.00 0.00	61.41 3.31 -2.96	61.19 3.33 -0.39	64.16 3.60 -0.60	67.20 3.99 -0.82	71.30 5.08 -1.05	78.64 5.36 -2.82	88.54 6.11 -3.14	84.09 4.74 -4.08	76.27 3.97 -2.65	68.81 2.89 -1.60	64.30 2.58 -0.21	55.68 3.10 -0.06	49.01 2.51 -0.04
CALPINE_BETH_PAGE_GT_4 323586	51.57 3.56 -0.56	49.18 4.18 -0.01	46.52 3.53 -2.87	46.80 3.32 -5.24	46.64 3.33 -5.05	44.77 3.47 -1.90	47.42 3.99 -0.01	49.60 2.41 0.00	52.25 2.01 0.03	55.66 2.40 0.11	57.52 3.05 0.00	61.41 3.31 -2.96	61.19 3.33 -0.39	64.16 3.60 -0.60	67.21 4.00 -0.83	71.31 5.09 -1.06	78.64 5.35 -2.83	88.85 6.42 -3.14	84.10 4.74 -4.08	76.26 3.97 -2.65	68.88 2.96 -1.60	64.30 2.58 -0.21	55.68 3.10 -0.06	48.91 2.41 -0.04
CALPINE_BP_GT1 23823	51.57 3.56 -0.56	49.18 4.18 -0.01	46.52 3.53 -2.87	46.80 3.32 -5.24	46.64 3.33 -5.05	44.77 3.47 -1.90	47.42 3.99 -0.01	49.60 2.41 0.00	52.25 2.01 0.03	55.66 2.40 0.11	57.52 3.05 0.00	61.41 3.31 -2.96	61.19 3.33 -0.39	64.16 3.60 -0.60	67.21 4.00 -0.83	71.31 5.09 -1.06	78.64 5.35 -2.83	88.85 6.42 -3.14	84.10 4.74 -4.08	76.26 3.97 -2.65	68.88 2.96 -1.60	64.30 2.58 -0.21	55.68 3.10 -0.06	48.91 2.41 -0.04
CALSPAN___DRP 24200	47.50 0.05 0.00	44.22 -0.76 0.00	40.16 0.04 0.00	37.93 -0.31 0.00	38.22 -0.04 0.00	39.44 0.04 0.00	42.60 -0.83 0.00	45.31 -1.89 0.00	49.41 -0.85 0.00	51.93 -1.44 0.00	53.71 -0.76 0.00	54.97 -0.17 0.00	57.93 0.46 0.00	60.50 0.54 0.00	63.13 0.75 0.00	66.86 1.69 0.00	73.57 3.10 0.00	81.74 2.46 0.00	79.26 3.99 0.00	73.54 3.90 0.00	65.99 1.67 0.00	62.30 0.80 0.00	54.31 1.79 0.00	48.46 2.00 0.00

CALVERTON___SOLAR 323806	59.81 4.22 -8.13	49.85 4.77 -0.10	47.32 4.33 -2.87	47.57 4.09 -5.24	47.36 4.05 -5.05	45.52 4.22 -1.90	48.16 4.73 -0.01	50.27 3.07 -0.01	52.98 2.76 0.05	56.19 3.15 0.32	58.40 3.92 0.00	74.77 4.19 -15.44	63.29 4.43 -1.40	68.24 4.55 -3.72	68.21 4.87 -0.96	92.79 5.99 -21.64	202.61 6.34 -125.80	256.67 7.54 -169.85	303.11 6.09 -221.75	235.11 5.23 -160.24	191.09 4.24 -122.53	81.00 3.81 -15.69	55.81 3.94 0.66	52.47 2.98 -3.03
CANDIGU_WT_PWR 323617	48.07 0.62 0.00	44.90 -0.09 0.00	40.56 0.44 0.00	38.35 0.12 0.00	38.64 0.38 0.00	39.83 0.43 0.00	43.34 -0.09 0.00	46.39 -0.80 0.00	49.97 -0.30 0.00	52.73 -0.64 0.00	54.20 -0.27 0.00	55.14 0.00 0.00	57.87 0.41 0.00	60.44 0.48 0.00	63.00 0.62 0.00	66.67 1.50 0.00	73.00 2.53 0.00	81.98 2.70 0.00	78.81 3.54 0.00	73.33 3.69 0.00	66.76 2.44 0.00	63.04 1.54 0.00	54.47 1.94 0.00	48.83 2.37 0.00
CARR STREET_E_SYR 24060	47.17 -0.28 0.00	44.31 -0.67 0.00	39.72 -0.40 0.00	37.74 -0.50 0.00	37.80 -0.46 0.00	38.93 -0.47 0.00	42.77 -0.65 0.00	46.35 -0.85 0.00	49.56 -0.70 0.00	52.67 -0.70 0.00	53.93 -0.54 0.00	54.75 -0.38 0.00	57.24 -0.23 0.00	59.72 -0.24 0.00	62.13 -0.25 0.00	65.36 0.20 0.00	70.68 0.21 0.00	79.44 0.16 0.00	75.65 0.38 0.00	69.99 0.35 0.00	64.32 0.00 0.00	61.26 -0.25 0.00	52.47 -0.05 0.00	46.50 0.05 0.00
CARTHAGE___PAPER 23857	48.93 1.47 0.00	46.15 1.17 0.00	41.24 1.12 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.62 1.22 0.00	45.01 1.39 -0.20	48.88 1.37 -0.31	52.12 1.51 -0.34	55.02 1.66 0.00	56.84 1.85 -0.51	57.80 1.88 -0.79	59.55 1.49 -0.59	62.24 1.38 -0.90	64.32 1.18 -0.76	67.22 1.04 -1.01	73.16 1.41 -1.29	82.82 2.06 -1.48	77.75 2.48 0.00	72.98 3.34 0.00	67.34 3.02 0.00	64.27 2.77 0.00	54.57 2.05 0.00	48.13 1.67 0.00
CASSADAGA_WT_PWR 323784	48.69 1.23 0.00	45.26 0.27 0.00	41.00 0.88 0.00	38.81 0.57 0.00	39.10 0.84 0.00	40.39 0.99 0.00	43.73 0.31 0.00	46.96 -0.23 0.00	50.97 0.70 0.00	53.53 0.16 0.00	55.40 0.93 0.00	56.40 1.27 0.00	59.48 2.01 0.00	62.18 2.22 0.00	64.81 2.43 0.00	68.68 3.52 0.00	75.61 5.14 0.00	84.60 5.31 0.00	81.59 6.32 0.00	75.70 6.06 0.00	68.24 3.92 0.00	64.20 2.70 0.00	55.89 3.36 0.00	50.27 3.81 0.00
CE_DUNWOOD___DRP 24194	50.35 2.89 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.49 2.26 0.00	40.48 2.22 0.00	41.72 2.32 0.00	46.24 2.82 0.00	49.93 2.74 0.00	52.88 2.61 0.00	56.14 2.78 0.00	57.30 2.83 0.00	58.18 2.87 -0.17	60.72 2.87 -0.38	63.45 2.94 -0.56	66.44 3.24 -0.82	70.50 4.30 -1.03	76.10 4.44 -1.19	85.51 5.07 -1.15	80.62 4.06 -1.29	73.56 3.34 -0.57	67.09 2.77 0.00	63.72 2.21 0.00	55.36 2.84 0.00	48.87 2.42 0.00
CE_MILLWOOD___DRP 24193	50.25 2.80 0.00	47.82 2.83 0.00	42.41 2.29 0.00	40.38 2.14 0.00	40.37 2.10 0.00	41.65 2.25 0.00	46.11 2.69 0.00	49.79 2.60 0.00	52.73 2.46 0.00	56.04 2.67 0.00	57.20 2.72 0.00	58.06 2.76 -0.17	60.54 2.70 -0.38	63.33 2.82 -0.55	66.25 3.06 -0.82	70.30 4.11 -1.03	75.95 4.30 -1.18	85.34 4.92 -1.14	80.46 3.91 -1.28	73.41 3.20 -0.57	66.96 2.64 0.00	63.65 2.15 0.00	55.26 2.73 0.00	48.78 2.32 0.00
CE_NYC2_DRP 24202	50.97 3.51 0.00	48.58 3.60 0.00	43.01 2.89 0.00	40.95 2.71 0.00	40.94 2.68 0.00	42.20 2.80 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.23 2.97 0.00	56.52 3.15 0.00	57.69 3.21 0.00	58.51 3.20 -0.17	60.78 2.93 -0.38	63.39 2.88 -0.55	66.38 3.18 -0.81	70.49 4.30 -1.03	76.16 4.51 -1.19	85.58 5.15 -1.14	80.54 3.99 -1.28	73.48 3.27 -0.56	66.95 2.64 0.01	63.58 2.09 0.01	55.73 3.20 0.00	49.52 3.07 0.00
CE_NYC_DRP 24195	50.87 3.42 0.00	48.49 3.51 0.00	42.89 2.77 0.00	40.87 2.64 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.43 3.17 0.00	56.73 3.36 0.00	57.85 3.38 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.20	86.14 5.71 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.41 3.09 0.00	63.96 2.46 0.00	55.78 3.26 0.00	49.43 2.97 0.00
CHAFFEE___LFGE 323603	47.60 0.14 0.00	44.31 -0.67 0.00	40.24 0.12 0.00	38.01 -0.23 0.00	38.30 0.04 0.00	39.48 0.08 0.00	42.68 -0.74 0.00	45.68 -1.51 0.00	49.97 -0.30 0.00	52.51 -0.86 0.00	54.31 -0.16 0.00	55.36 0.22 0.00	58.38 0.92 0.00	61.04 1.08 0.00	63.44 1.06 0.00	67.25 2.08 0.00	73.99 3.52 0.00	82.69 3.41 0.00	79.71 4.44 0.00	73.89 4.25 0.00	66.57 2.25 0.00	62.55 1.04 0.00	54.52 2.00 0.00	49.20 2.74 0.00
CHATEAUG_35_KV_LOAD 355732	46.89 -0.57 0.00	44.63 -0.36 0.00	39.80 -0.32 0.00	37.97 -0.27 0.00	37.99 -0.27 0.00	39.16 -0.24 0.00	43.12 -0.30 0.00	47.05 -0.14 0.00	50.07 -0.20 0.00	53.26 -0.11 0.00	53.98 -0.49 0.00	54.31 -0.83 0.00	56.55 -0.92 0.00	59.12 -0.84 0.00	61.44 -0.94 0.00	63.21 -1.95 0.00	68.56 -1.90 0.00	77.46 -1.82 0.00	73.46 -1.81 0.00	68.18 -1.46 0.00	63.55 -0.77 0.00	61.01 -0.49 0.00	51.58 -0.95 0.00	45.90 -0.56 0.00
CHATEAUG_WT_PWR 323614	46.79 -0.66 0.00	44.54 -0.45 0.00	39.68 -0.44 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	43.03 -0.39 0.00	47.15 -0.05 0.00	49.97 -0.30 0.00	52.78 -0.59 0.00	53.60 -0.87 0.00	54.20 -0.94 0.00	56.43 -1.03 0.00	59.06 -0.90 0.00	61.32 -1.06 0.00	63.14 -2.02 0.00	68.35 -2.11 0.00	76.91 -2.38 0.00	73.16 -2.11 0.00	67.83 -1.81 0.00	63.10 -1.22 0.00	60.64 -0.86 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00
CHAT_HIGH_FALL_HYD 323578	46.89 -0.57 0.00	44.63 -0.36 0.00	39.80 -0.32 0.00	37.97 -0.27 0.00	37.99 -0.27 0.00	39.16 -0.24 0.00	43.12 -0.30 0.00	47.05 -0.14 0.00	50.07 -0.20 0.00	53.26 -0.11 0.00	53.98 -0.49 0.00	54.31 -0.83 0.00	56.55 -0.92 0.00	59.12 -0.84 0.00	61.44 -0.94 0.00	63.21 -1.95 0.00	68.56 -1.90 0.00	77.46 -1.82 0.00	73.46 -1.81 0.00	68.18 -1.46 0.00	63.55 -0.77 0.00	61.01 -0.49 0.00	51.58 -0.95 0.00	45.90 -0.56 0.00
CHAUTAUQUA___LFGE 323629	48.26 0.81 0.00	44.85 -0.13 0.00	40.72 0.60 0.00	38.47 0.23 0.00	38.80 0.54 0.00	40.03 0.63 0.00	43.29 -0.13 0.00	46.39 -0.80 0.00	50.47 0.20 0.00	52.94 -0.43 0.00	54.75 0.27 0.00	55.80 0.66 0.00	58.79 1.32 0.00	61.46 1.50 0.00	64.12 1.74 0.00	67.97 2.80 0.00	74.84 4.37 0.00	83.80 4.52 0.00	80.76 5.49 0.00	74.93 5.29 0.00	67.53 3.21 0.00	63.47 1.97 0.00	55.31 2.78 0.00	49.76 3.30 0.00
CHERRYST_13_KV_LD 356241	51.06 3.61 0.00	48.63 3.64 0.00	43.05 2.93 0.00	40.99 2.75 0.00	40.98 2.72 0.00	42.24 2.84 0.00	46.90 3.47 0.00	50.69 3.49 0.00	53.68 3.42 0.00	57.05 3.68 0.00	58.12 3.65 0.00	59.00 3.69 -0.17	61.47 3.62 -0.38	64.18 3.66 -0.56	67.20 3.99 -0.82	71.41 5.21 -1.03	77.16 5.50 -1.20	86.62 6.18 -1.15	81.45 4.89 -1.29	74.32 4.11 -0.57	67.73 3.41 0.00	64.21 2.71 0.00	56.05 3.52 0.00	49.62 3.16 0.00

CHESTROR_138KV_BK263 355645	49.73 2.28 0.00	47.28 2.29 0.00	41.93 1.81 0.00	39.96 1.72 0.00	39.95 1.68 0.00	41.17 1.77 0.00	45.55 2.13 0.00	49.18 1.98 0.00	52.13 1.86 0.00	55.40 2.03 0.00	56.54 2.07 0.00	57.38 2.10 -0.15	59.86 2.07 -0.32	62.53 2.10 -0.48	65.39 2.31 -0.70	69.24 3.19 -0.88	74.80 3.31 -1.02	84.15 3.89 -0.98	79.53 3.16 -1.10	72.78 2.65 -0.49	66.44 2.12 0.00	63.22 1.72 0.00	54.79 2.26 0.00	48.27 1.81 0.00
CH_MIDHUDSON___DRP 24192	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.26 2.03 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.56 2.36 0.00	52.53 2.26 0.00	55.82 2.45 0.00	56.92 2.45 0.00	57.74 2.48 -0.12	60.21 2.47 -0.27	62.88 2.52 -0.40	65.65 2.68 -0.59	69.56 3.65 -0.74	75.06 3.73 -0.86	84.47 4.36 -0.82	79.65 3.46 -0.92	72.91 2.86 -0.41	66.76 2.44 0.00	63.53 2.03 0.00	55.05 2.52 0.00	48.55 2.09 0.00
CH_MISC_IPPS 23765	50.54 3.08 0.00	48.05 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.79 2.59 0.00	52.83 2.56 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.39 3.00 -0.44	66.20 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.42 5.23 -0.90	80.41 4.14 -1.01	73.57 3.48 -0.45	67.41 3.09 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.78 2.32 0.00
CH_RES_BVR_FALLS 23983	47.22 -0.24 0.00	44.81 -0.18 0.00	39.96 -0.16 0.00	38.08 -0.15 0.00	38.11 -0.15 0.00	39.24 -0.16 0.00	43.25 -0.17 0.00	47.15 -0.05 0.00	50.17 -0.10 0.00	53.26 -0.11 0.00	54.31 -0.16 0.00	54.92 -0.22 0.00	57.24 -0.23 0.00	59.72 -0.24 0.00	62.13 -0.25 0.00	64.58 -0.59 0.00	69.83 -0.64 0.00	78.57 -0.71 0.00	74.66 -0.60 0.00	69.16 -0.48 0.00	64.00 -0.32 0.00	61.26 -0.25 0.00	52.16 -0.37 0.00	46.13 -0.32 0.00
CH_RES_NIAGARA 23895	45.84 -1.61 0.00	42.69 -2.29 0.00	38.92 -1.20 0.00	36.67 -1.57 0.00	37.42 -0.84 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.66 -3.54 0.00	47.65 -2.61 0.00	50.11 -3.26 0.00	51.86 -2.61 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.25 -0.91 0.00	70.61 0.14 0.00	78.49 -0.79 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.42 -0.90 0.00	59.84 -1.66 0.00	52.37 -0.16 0.00	46.88 0.42 0.00
CH_RES_SYRACUSE 23985	47.55 0.10 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.24 -0.33 -0.37	50.48 -0.20 -0.41	53.21 -0.16 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.35 -0.71	61.41 0.36 -1.09	63.67 0.38 -0.91	67.23 0.84 -1.22	72.93 0.91 -1.55	82.09 1.03 -1.78	76.47 1.20 0.00	70.75 1.11 0.00	65.09 0.77 0.00	61.99 0.49 0.00	53.05 0.53 0.00	47.02 0.56 0.00
CLINTON_WT_PWR 323605	46.79 -0.66 0.00	44.54 -0.45 0.00	39.68 -0.44 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	43.03 -0.39 0.00	47.15 -0.05 0.00	49.97 -0.30 0.00	52.78 -0.59 0.00	53.60 -0.87 0.00	54.20 -0.94 0.00	56.43 -1.03 0.00	59.06 -0.90 0.00	61.32 -1.06 0.00	63.14 -2.02 0.00	68.35 -2.11 0.00	76.91 -2.38 0.00	73.16 -2.11 0.00	67.83 -1.81 0.00	63.10 -1.22 0.00	60.64 -0.86 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00
CLINTON___LFGE 323618	47.17 -0.28 0.00	44.85 -0.13 0.00	40.00 -0.12 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.40 0.00 0.00	43.38 -0.04 0.00	47.53 0.33 0.00	50.22 -0.05 0.00	52.78 -0.59 0.00	53.55 -0.93 0.00	54.09 -1.05 0.00	56.37 -1.09 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	62.95 -2.22 0.00	68.28 -2.19 0.00	76.98 -2.30 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.29 -1.03 0.00	60.83 -0.68 0.00	51.58 -0.94 0.00	45.95 -0.51 0.00
COBBLENY_34_KV_TB1 80064	47.60 0.14 0.00	44.31 -0.67 0.00	40.20 0.08 0.00	38.01 -0.23 0.00	38.30 0.04 0.00	39.48 0.08 0.00	42.68 -0.74 0.00	45.45 -1.75 0.00	49.76 -0.50 0.00	52.30 -1.07 0.00	54.09 -0.38 0.00	55.36 0.22 0.00	58.38 0.92 0.00	61.04 1.08 0.00	63.44 1.06 0.00	67.19 2.02 0.00	73.99 3.52 0.00	82.22 2.93 0.00	79.71 4.44 0.00	73.89 4.25 0.00	66.31 1.99 0.00	62.55 1.05 0.00	54.52 2.00 0.00	48.59 2.14 0.00
COFFEEN___115KV_TB3 355620	49.40 1.95 0.00	46.47 1.48 0.00	41.57 1.44 0.00	39.61 1.38 0.00	39.64 1.38 0.00	40.94 1.54 0.00	45.37 1.69 -0.25	49.14 1.56 -0.39	52.46 1.76 -0.43	55.50 2.13 0.00	57.67 2.56 -0.64	58.76 2.65 -0.98	60.27 2.07 -0.73	62.82 1.74 -1.13	64.82 1.50 -0.94	68.06 1.63 -1.26	74.11 2.04 -1.60	84.06 2.93 -1.84	78.81 3.54 0.00	74.17 4.53 0.00	68.31 3.99 0.00	65.07 3.57 0.00	55.21 2.68 0.00	48.59 2.14 0.00
COLDSPRG_115KV_BK1 355956	48.64 1.19 0.00	45.21 0.22 0.00	40.84 0.72 0.00	38.73 0.50 0.00	39.03 0.77 0.00	40.35 0.95 0.00	43.68 0.26 0.00	46.72 -0.47 0.00	50.92 0.65 0.00	53.31 -0.05 0.00	54.80 0.33 0.00	56.13 0.99 0.00	59.19 1.72 0.00	62.00 2.04 0.00	64.63 2.25 0.00	68.49 3.32 0.00	75.47 5.00 0.00	83.81 4.52 0.00	81.36 6.10 0.00	75.49 5.85 0.00	67.79 3.47 0.00	63.96 2.46 0.00	55.68 3.15 0.00	49.52 3.07 0.00
COLONIE_LFGE___ 323577	49.26 1.80 0.00	46.83 1.85 0.00	41.52 1.40 0.00	39.65 1.42 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.71 1.51 0.00	51.83 1.56 0.00	55.02 1.66 0.00	55.99 1.52 0.00	56.31 1.38 0.20	58.40 1.38 0.45	60.62 1.32 0.66	62.79 1.37 0.96	65.90 1.95 1.21	71.11 2.04 1.40	80.47 2.54 1.35	75.86 2.10 1.51	70.85 1.88 0.67	66.12 1.80 0.00	63.10 1.60 0.00	54.26 1.73 0.00	47.81 1.35 0.00
COOPERNY_115KV_TB1 80082	49.12 1.66 0.00	46.65 1.66 0.00	41.44 1.32 0.00	39.50 1.26 0.00	39.52 1.26 0.00	40.70 1.30 0.00	44.99 1.56 0.00	48.61 1.42 0.00	51.62 1.36 0.00	54.86 1.49 0.00	56.00 1.53 0.00	56.78 1.54 -0.10	59.24 1.55 -0.22	61.91 1.62 -0.33	64.67 1.81 -0.48	68.25 2.48 -0.61	73.78 2.61 -0.70	82.97 3.01 -0.68	78.51 2.48 -0.76	72.07 2.09 -0.34	65.99 1.67 0.00	62.85 1.35 0.00	54.26 1.73 0.00	47.85 1.39 0.00
COPENHAGEN_WT_PWR 323753	48.93 1.47 0.00	46.06 1.08 0.00	41.24 1.12 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.58 1.18 0.00	44.99 1.30 -0.26	48.78 1.18 -0.41	52.08 1.36 -0.45	54.97 1.60 0.00	57.10 1.96 -0.67	58.15 1.98 -1.03	59.84 1.61 -0.77	62.52 1.38 -1.18	64.56 1.18 -0.99	67.73 1.24 -1.33	73.78 1.62 -1.69	83.53 2.30 -1.94	77.97 2.71 0.00	73.19 3.55 0.00	67.47 3.15 0.00	64.27 2.77 0.00	54.63 2.10 0.00	48.22 1.76 0.00
CORNELL_____ 23752	48.78 1.33 0.00	45.84 0.85 0.00	41.08 0.96 0.00	39.04 0.80 0.00	39.14 0.88 0.00	40.31 0.91 0.00	44.20 0.78 0.00	47.76 0.57 0.00	51.02 0.75 0.00	54.12 0.75 0.00	55.29 0.82 0.00	56.24 1.10 0.00	58.84 1.38 0.00	61.52 1.56 0.00	64.00 1.62 0.00	67.38 2.22 0.00	73.07 2.61 0.00	82.30 3.01 0.00	78.81 3.54 0.00	73.12 3.48 0.00	67.09 2.77 0.00	63.84 2.34 0.00	54.63 2.10 0.00	48.22 1.77 0.00

CORONA__69_KV_TB1 355595	51.39 3.94 0.00	49.21 4.23 0.00	46.40 3.41 -2.87	46.72 3.25 -5.24	46.52 3.21 -5.05	44.65 3.35 -1.90	47.37 3.95 0.00	50.69 3.49 0.00	53.13 2.87 0.00	56.41 3.04 0.00	58.12 3.65 0.00	59.28 3.97 -0.17	61.93 4.08 -0.38	64.84 4.32 -0.56	67.88 4.68 -0.82	72.06 5.86 -1.03	77.93 6.27 -1.20	87.98 7.14 -1.55	82.43 5.72 -1.44	75.16 4.94 -0.57	68.18 3.86 0.00	64.95 3.44 0.00	56.46 3.89 -0.05	49.34 2.88 0.00
CORTLAND_115KV_TB3 80093	48.31 0.85 0.00	45.48 0.49 0.00	40.72 0.60 0.00	38.73 0.50 0.00	38.84 0.57 0.00	39.99 0.59 0.00	43.73 0.30 0.00	47.29 0.09 0.00	50.52 0.25 0.00	53.63 0.27 0.00	54.85 0.38 0.00	55.74 0.61 0.00	58.33 0.86 0.00	60.86 0.90 0.00	63.38 1.00 0.00	66.73 1.56 0.00	72.23 1.76 0.00	81.43 2.14 0.00	77.83 2.56 0.00	72.15 2.51 0.00	66.19 1.87 0.00	63.04 1.54 0.00	54.00 1.47 0.00	47.71 1.25 0.00
COXSACKIE___GT 23611	50.35 2.90 0.00	47.73 2.74 0.00	42.37 2.25 0.00	40.26 2.03 0.00	40.29 2.03 0.00	41.61 2.21 0.00	45.90 2.47 0.00	49.32 2.13 0.00	52.28 2.01 0.00	55.29 1.92 0.00	55.99 1.52 0.00	56.95 1.88 0.06	59.01 1.67 0.13	62.37 1.14 8.72	63.96 1.18 9.61	66.09 1.69 10.77	69.72 1.83 12.58	72.06 2.85 15.75	77.93 2.79 14.20	87.98 2.71 0.19	82.43 2.44 0.02	75.16 2.28 0.00	68.18 2.31 0.00	64.95 2.31 0.02
CPV_VALLEY___CC1 323721	49.30 1.85 0.00	46.87 1.89 0.00	41.61 1.49 0.00	39.65 1.42 0.00	39.68 1.42 0.00	40.90 1.50 0.00	45.20 1.78 0.00	48.71 1.51 0.00	51.73 1.46 0.00	55.02 1.66 0.00	56.16 1.69 0.00	56.92 1.65 -0.13	59.42 1.67 -0.29	62.06 1.68 -0.43	64.88 1.87 -0.62	68.62 2.67 -0.79	74.12 2.75 -0.91	83.64 3.48 -0.87	78.81 2.56 -0.98	72.16 2.09 -0.44	66.06 1.74 0.00	62.73 1.23 0.00	54.31 1.79 0.00	47.81 1.35 0.00
CPV_VALLEY___CC2 323722	49.30 1.85 0.00	46.87 1.89 0.00	41.61 1.49 0.00	39.65 1.42 0.00	39.68 1.42 0.00	40.90 1.50 0.00	45.20 1.78 0.00	48.71 1.51 0.00	51.73 1.46 0.00	55.02 1.66 0.00	56.16 1.69 0.00	56.92 1.65 -0.13	59.42 1.67 -0.29	62.06 1.68 -0.43	64.88 1.87 -0.62	68.62 2.67 -0.79	74.12 2.75 -0.91	83.64 3.48 -0.87	78.81 2.56 -0.98	72.16 2.09 -0.44	66.06 1.74 0.00	62.73 1.23 0.00	54.31 1.79 0.00	47.81 1.35 0.00
CRESCENT___HYD 24018	49.26 1.80 0.00	46.83 1.85 0.00	41.52 1.40 0.00	39.65 1.42 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.71 1.51 0.00	51.83 1.56 0.00	55.02 1.66 0.00	55.99 1.52 0.00	56.31 1.38 0.20	58.40 1.38 0.45	60.62 1.32 0.66	62.79 1.37 0.96	65.90 1.95 1.21	71.11 2.04 1.40	80.47 2.54 1.35	75.86 2.10 1.51	70.85 1.88 0.67	66.12 1.80 0.00	63.10 1.60 0.00	54.26 1.73 0.00	47.81 1.35 0.00
CRICKET___VALLEY_CC1 323756	49.30 1.85 0.00	46.96 1.98 0.00	41.61 1.49 0.00	39.69 1.45 0.00	39.68 1.42 0.00	40.90 1.50 0.00	45.29 1.87 0.00	48.75 1.56 0.00	51.73 1.46 0.00	55.02 1.66 0.00	56.05 1.58 0.00	54.42 1.49 2.20	54.02 1.38 4.83	54.28 1.44 7.12	53.48 1.56 10.46	54.42 2.41 13.16	57.73 2.47 15.20	67.74 3.09 14.63	60.91 2.03 16.39	63.96 1.60 7.29	65.67 1.35 0.00	62.43 0.92 0.00	54.10 1.57 0.00	47.62 1.16 0.00
CRICKET___VALLEY_CC2 323757	49.30 1.85 0.00	46.96 1.98 0.00	41.61 1.49 0.00	39.69 1.45 0.00	39.68 1.42 0.00	40.90 1.50 0.00	45.29 1.87 0.00	48.75 1.56 0.00	51.73 1.46 0.00	55.02 1.66 0.00	56.05 1.58 0.00	54.42 1.49 2.20	54.02 1.38 4.83	54.28 1.44 7.12	53.48 1.56 10.46	54.42 2.41 13.16	57.73 2.47 15.20	67.74 3.09 14.63	60.91 2.03 16.39	63.96 1.60 7.29	65.67 1.35 0.00	62.43 0.92 0.00	54.10 1.57 0.00	47.62 1.16 0.00
CRICKET___VALLEY_CC3 323758	49.30 1.85 0.00	46.96 1.98 0.00	41.61 1.49 0.00	39.69 1.45 0.00	39.68 1.42 0.00	40.90 1.50 0.00	45.29 1.87 0.00	48.75 1.56 0.00	51.73 1.46 0.00	55.02 1.66 0.00	56.05 1.58 0.00	54.42 1.49 2.20	54.02 1.38 4.83	54.28 1.44 7.12	53.48 1.56 10.46	54.42 2.41 13.16	57.73 2.47 15.20	67.74 3.09 14.63	60.91 2.03 16.39	63.96 1.60 7.29	65.67 1.35 0.00	62.43 0.92 0.00	54.10 1.57 0.00	47.62 1.16 0.00
CRUCIBLE_METL_DRP 24180	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
DAHOWA___HYDRO 323763	50.45 2.99 0.00	47.87 2.88 0.00	42.41 2.29 0.00	40.41 2.18 0.00	40.44 2.18 0.00	41.72 2.32 0.00	46.12 2.69 0.00	49.74 2.55 0.00	52.93 2.66 0.00	56.04 2.67 0.00	56.76 2.29 0.00	57.18 2.21 0.17	59.34 2.24 0.36	61.70 2.28 0.53	63.84 2.24 0.79	66.98 2.80 0.99	72.35 3.03 1.14	81.99 3.81 1.10	77.95 3.91 1.23	72.99 3.90 0.55	68.11 3.79 0.00	65.25 3.75 0.00	55.89 3.36 0.00	49.15 2.69 0.00
DANC___LFGE 323619	48.17 0.71 0.00	45.34 0.36 0.00	40.60 0.48 0.00	38.66 0.42 0.00	38.72 0.46 0.00	39.91 0.51 0.00	44.32 0.56 -0.34	48.09 0.38 -0.52	51.29 0.45 -0.58	53.96 0.59 0.00	56.20 0.87 -0.86	57.38 0.94 -1.31	59.14 0.69 -0.98	62.01 0.54 -1.51	64.02 0.38 -1.26	67.44 0.59 -1.69	73.39 0.78 -2.15	82.87 1.11 -2.47	76.77 1.50 0.00	71.73 2.09 0.00	66.06 1.74 0.00	62.92 1.42 0.00	53.68 1.15 0.00	47.53 1.07 0.00
DANSKAMMER___1 23586	50.54 3.08 0.00	48.05 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.79 2.59 0.00	52.83 2.56 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.39 3.00 -0.44	66.20 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.42 5.23 -0.90	80.41 4.14 -1.01	73.57 3.48 -0.45	67.41 3.09 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.78 2.32 0.00
DANSKAMMER___2 23589	50.54 3.08 0.00	48.05 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.79 2.59 0.00	52.83 2.56 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.39 3.00 -0.44	66.20 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.42 5.23 -0.90	80.41 4.14 -1.01	73.57 3.48 -0.45	67.41 3.09 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.78 2.32 0.00
DANSKAMMER___3 23590	50.54 3.08 0.00	48.05 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.79 2.59 0.00	52.83 2.56 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.39 3.00 -0.44	66.20 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.42 5.23 -0.90	80.41 4.14 -1.01	73.57 3.48 -0.45	67.41 3.09 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.78 2.32 0.00

DANSKAMMER___4 23591	50.54 3.08 0.00	48.05 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.79 2.59 0.00	52.83 2.56 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.39 3.00 -0.44	66.20 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.42 5.23 -0.90	80.41 4.14 -1.01	73.57 3.48 -0.45	67.41 3.09 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.78 2.32 0.00
DANSKAMMER___DIESEL 23592	50.54 3.08 0.00	48.04 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.89 2.69 0.00	52.88 2.61 0.00	56.20 2.83 0.00	57.36 2.89 0.00	58.14 2.87 -0.14	60.75 2.99 -0.30	63.40 3.00 -0.44	66.21 3.18 -0.64	70.15 4.17 -0.81	75.70 4.30 -0.94	85.18 5.00 -0.90	80.42 4.14 -1.01	73.57 3.48 -0.45	67.28 2.96 0.00	64.02 2.52 0.00	55.52 2.99 0.00	48.87 2.42 0.00
DARBY___SOLAR 323810	50.21 2.75 0.00	47.64 2.65 0.00	42.25 2.12 0.00	40.26 2.03 0.00	40.25 1.99 0.00	41.53 2.13 0.00	45.90 2.47 0.00	49.51 2.31 0.00	52.68 2.41 0.00	55.77 2.40 0.00	56.54 2.07 0.00	56.89 1.93 0.17	59.10 2.01 0.38	61.38 1.98 0.56	63.56 2.00 0.82	66.75 2.61 1.03	72.10 2.82 1.19	81.63 3.48 1.14	77.53 3.54 1.28	72.55 3.48 0.57	67.73 3.41 0.00	64.82 3.32 0.00	55.57 3.05 0.00	48.87 2.41 0.00
DASHVILLE___HYD 23610	49.92 2.47 0.00	47.41 2.43 0.00	42.09 1.97 0.00	40.03 1.80 0.00	40.06 1.80 0.00	41.25 1.85 0.00	45.64 2.21 0.00	49.18 1.98 0.00	52.03 1.76 0.00	55.29 1.92 0.00	56.38 1.91 0.00	57.70 2.48 -0.08	60.17 2.53 -0.18	60.80 2.64 1.80	63.32 2.81 1.87	66.91 3.78 2.03	71.89 3.81 2.38	80.63 4.52 3.17	76.31 3.76 2.72	73.05 3.13 -0.27	66.57 2.25 0.01	63.22 1.72 0.00	54.79 2.26 0.00	48.36 1.90 0.01
DELAWARE___LFGE 323621	49.07 1.61 0.00	46.42 1.44 0.00	41.36 1.24 0.00	39.46 1.22 0.00	39.49 1.22 0.00	40.66 1.26 0.00	44.86 1.43 0.00	48.47 1.27 0.00	51.67 1.41 0.00	54.92 1.55 0.00	56.05 1.58 0.00	56.84 1.71 0.00	59.25 1.78 0.00	61.88 1.92 0.00	64.38 2.00 0.00	67.71 2.54 0.00	73.00 2.54 0.00	82.22 2.93 0.00	78.05 2.78 0.00	72.22 2.58 0.00	66.44 2.12 0.00	63.35 1.85 0.00	54.42 1.89 0.00	47.99 1.53 0.00
DERFIELD_115KV_TB7 355931	47.79 0.33 0.00	45.30 0.31 0.00	40.36 0.24 0.00	38.46 0.23 0.00	38.49 0.23 0.00	39.64 0.24 0.00	43.73 0.30 0.00	47.43 0.24 0.00	50.57 0.30 0.00	53.63 0.27 0.00	54.74 0.27 0.00	55.47 0.33 0.00	57.75 0.29 0.00	60.26 0.30 0.00	62.69 0.31 0.00	65.69 0.52 0.00	70.96 0.49 0.00	79.84 0.56 0.00	75.72 0.45 0.00	70.06 0.42 0.00	64.64 0.32 0.00	61.75 0.25 0.00	52.84 0.32 0.00	46.74 0.28 0.00
DOGLEVILLE___HYD 23807	48.83 1.38 0.00	46.20 1.21 0.00	41.12 1.00 0.00	39.19 0.96 0.00	39.26 0.99 0.00	40.46 1.06 0.00	44.64 1.22 0.00	48.38 1.18 0.00	51.62 1.36 0.00	54.81 1.44 0.00	55.94 1.47 0.00	56.68 1.54 0.00	59.02 1.55 0.00	61.58 1.62 0.00	64.13 1.75 0.00	67.12 1.95 0.00	72.44 1.97 0.00	81.51 2.22 0.00	77.45 2.18 0.00	71.73 2.09 0.00	66.12 1.80 0.00	63.16 1.66 0.00	54.10 1.58 0.00	47.76 1.30 0.00
DUNKIRK__115KV_TB_200 55889	48.17 0.71 0.00	44.76 -0.22 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.72 0.46 0.00	39.95 0.55 0.00	43.21 -0.22 0.00	46.06 -1.13 0.00	50.17 -0.10 0.00	52.62 -0.75 0.00	54.36 -0.11 0.00	55.63 0.50 0.00	58.67 1.21 0.00	61.34 1.38 0.00	63.94 1.56 0.00	67.84 2.67 0.00	74.69 4.23 0.00	83.01 3.73 0.00	80.54 5.27 0.00	74.80 5.15 0.00	67.15 2.83 0.00	63.35 1.85 0.00	55.21 2.68 0.00	49.06 2.60 0.00
DUNKIRK___1 23563	48.17 0.71 0.00	44.76 -0.22 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.72 0.46 0.00	39.95 0.55 0.00	43.21 -0.22 0.00	46.06 -1.13 0.00	50.17 -0.10 0.00	52.62 -0.75 0.00	54.36 -0.11 0.00	55.63 0.50 0.00	58.67 1.21 0.00	61.34 1.38 0.00	63.94 1.56 0.00	67.84 2.67 0.00	74.69 4.23 0.00	83.01 3.73 0.00	80.54 5.27 0.00	74.80 5.15 0.00	67.15 2.83 0.00	63.35 1.85 0.00	55.21 2.68 0.00	49.06 2.60 0.00
DUNKIRK___2 23564	48.17 0.71 0.00	44.76 -0.22 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.72 0.46 0.00	39.95 0.55 0.00	43.21 -0.22 0.00	46.06 -1.13 0.00	50.17 -0.10 0.00	52.62 -0.75 0.00	54.36 -0.11 0.00	55.63 0.50 0.00	58.67 1.21 0.00	61.34 1.38 0.00	63.94 1.56 0.00	67.84 2.67 0.00	74.69 4.23 0.00	83.01 3.73 0.00	80.54 5.27 0.00	74.80 5.15 0.00	67.15 2.83 0.00	63.35 1.85 0.00	55.21 2.68 0.00	49.06 2.60 0.00
DUNKIRK___3 23565	47.83 0.38 0.00	44.49 -0.49 0.00	40.36 0.24 0.00	38.16 -0.08 0.00	38.45 0.19 0.00	39.68 0.28 0.00	42.94 -0.48 0.00	45.73 -1.46 0.00	49.81 -0.45 0.00	52.25 -1.12 0.00	53.98 -0.49 0.00	55.25 0.11 0.00	58.21 0.75 0.00	60.86 0.90 0.00	63.44 1.06 0.00	67.32 2.15 0.00	74.06 3.59 0.00	82.38 3.09 0.00	79.93 4.67 0.00	74.17 4.53 0.00	66.57 2.25 0.00	62.79 1.29 0.00	54.73 2.21 0.00	48.69 2.23 0.00
DUNKIRK___4 23566	47.83 0.38 0.00	44.49 -0.49 0.00	40.36 0.24 0.00	38.16 -0.08 0.00	38.45 0.19 0.00	39.68 0.28 0.00	42.94 -0.48 0.00	45.73 -1.46 0.00	49.81 -0.45 0.00	52.25 -1.12 0.00	53.98 -0.49 0.00	55.25 0.11 0.00	58.21 0.75 0.00	60.86 0.90 0.00	63.44 1.06 0.00	67.32 2.15 0.00	74.06 3.59 0.00	82.38 3.09 0.00	79.93 4.67 0.00	74.17 4.53 0.00	66.57 2.25 0.00	62.79 1.29 0.00	54.73 2.21 0.00	48.69 2.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.49 3.04 0.00	48.09 3.10 0.00	42.61 2.49 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.38 2.95 0.00	50.07 2.88 0.00	53.03 2.76 0.00	56.30 2.94 0.00	57.47 3.00 0.00	58.34 3.03 -0.17	60.89 3.05 -0.38	63.64 3.12 -0.56	66.57 3.37 -0.82	70.70 4.50 -1.03	76.31 4.65 -1.20	85.75 5.31 -1.15	80.85 4.29 -1.29	73.77 3.55 -0.57	67.21 2.89 0.00	63.84 2.34 0.00	55.52 2.99 0.00	49.01 2.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.21 2.75 0.00	47.68 2.70 0.00	42.33 2.21 0.00	40.26 2.03 0.00	40.29 2.03 0.00	41.53 2.13 0.00	45.94 2.52 0.00	49.56 2.36 0.00	52.53 2.26 0.00	55.82 2.45 0.00	56.98 2.51 0.00	57.81 2.54 -0.13	60.35 2.59 -0.29	63.03 2.64 -0.43	65.83 2.81 -0.64	69.75 3.78 -0.80	75.20 3.81 -0.93	84.62 4.44 -0.89	79.88 3.61 -1.00	73.15 3.06 -0.45	66.89 2.57 0.00	63.59 2.09 0.00	55.10 2.57 0.00	48.55 2.09 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.12 3.65 -0.01	48.68 3.69 -0.01	43.14 3.01 -0.01	41.07 2.83 -0.01	41.06 2.79 -0.01	42.32 2.92 -0.01	46.90 3.47 0.00	50.41 3.21 0.00	53.03 2.76 0.00	56.41 3.04 0.00	57.58 3.10 0.00	58.45 3.14 -0.17	60.60 2.76 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.54 3.99 -1.28	73.48 3.27 -0.56	67.01 2.70 0.01	63.65 2.15 0.01	55.90 3.36 -0.01	49.67 3.21 -0.01

E179THST_13_KV_LOAD 356214	51.40 3.94 -0.01	49.00 4.00 -0.01	43.38 3.25 -0.01	41.30 3.06 -0.01	41.29 3.02 -0.01	42.56 3.15 -0.01	47.16 3.73 0.00	50.69 3.49 0.00	53.38 3.12 0.00	56.73 3.36 0.00	57.96 3.49 0.00	58.84 3.53 -0.17	61.01 3.16 -0.38	63.69 3.18 -0.55	66.69 3.49 -0.81	70.88 4.69 -1.03	76.66 5.00 -1.19	86.06 5.63 -1.14	81.06 4.52 -1.28	74.04 3.83 -0.56	67.46 3.15 0.01	64.14 2.64 0.01	56.26 3.73 -0.01	50.00 3.53 -0.01
EAST HAMPTON___GT 23717	62.25 6.64 -8.15	52.10 7.01 -0.10	49.16 6.18 -2.87	49.36 5.89 -5.24	49.16 5.85 -5.05	47.21 5.91 -1.90	49.86 6.43 -0.01	52.26 5.05 -0.01	55.39 5.18 0.05	58.86 5.82 0.33	61.39 6.92 0.00	77.93 7.33 -15.46	66.68 7.81 -1.40	71.85 8.15 -3.74	71.89 8.55 -0.96	97.84 9.77 -22.90	207.21 10.50 -126.24	260.76 11.02 -170.45	307.06 9.26 -222.54	238.67 8.21 -160.81	194.74 7.46 -122.96	83.88 6.64 -15.74	57.90 6.04 0.67	54.47 4.97 -3.04
EAST RIVER___6 23660	50.82 3.37 0.00	48.40 3.42 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.59 3.17 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.00 3.16 -0.38	63.69 3.18 -0.56	66.69 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	86.22 5.78 -1.15	80.84 4.29 -1.29	73.76 3.55 -0.57	67.34 3.02 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.20 2.74 0.00
EAST RIVER___7 23524	50.82 3.37 0.00	48.40 3.42 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.59 3.17 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.00 3.16 -0.38	63.69 3.18 -0.56	66.69 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	86.22 5.78 -1.15	80.84 4.29 -1.29	73.76 3.55 -0.57	67.34 3.02 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.20 2.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.35 2.89 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.49 2.26 0.00	40.48 2.22 0.00	41.72 2.32 0.00	46.24 2.82 0.00	49.93 2.74 0.00	52.88 2.61 0.00	56.14 2.78 0.00	57.30 2.83 0.00	58.18 2.87 -0.17	60.72 2.87 -0.38	63.45 2.94 -0.56	66.44 3.24 -0.82	70.50 4.30 -1.03	76.10 4.44 -1.19	85.51 5.07 -1.15	80.62 4.06 -1.29	73.56 3.34 -0.57	67.09 2.77 0.00	63.72 2.21 0.00	55.36 2.84 0.00	48.87 2.42 0.00
EAST_HAMPTON___DIESEL 23722	62.25 6.64 -8.15	52.10 7.01 -0.10	49.21 6.22 -2.87	49.40 5.93 -5.24	49.16 5.85 -5.05	47.21 5.91 -1.90	49.86 6.43 -0.01	52.26 5.05 -0.01	55.39 5.18 0.05	58.86 5.82 0.33	61.39 6.92 0.00	77.93 7.33 -15.46	66.68 7.81 -1.40	71.85 8.15 -3.74	71.89 8.55 -0.96	97.85 9.77 -22.91	207.21 10.50 -126.24	260.75 11.02 -170.45	307.06 9.26 -222.54	238.66 8.21 -160.81	194.74 7.46 -122.96	83.88 6.64 -15.74	57.90 6.04 0.67	54.47 4.97 -3.04
EAST_POINT___SOLAR 323840	51.20 3.75 0.00	48.40 3.42 0.00	43.01 2.89 0.00	40.91 2.68 0.00	41.02 2.76 0.00	42.39 2.99 0.00	46.59 3.17 0.00	49.55 2.36 0.00	52.93 2.66 0.00	56.14 2.77 0.00	57.14 2.67 0.00	57.46 2.42 0.10	59.78 2.53 0.22	62.22 2.58 0.32	64.59 2.68 0.47	67.25 2.67 0.59	72.53 2.75 0.68	82.75 4.12 0.65	79.21 4.67 0.73	74.89 5.57 0.32	69.85 5.53 0.00	66.97 5.47 0.00	57.15 4.62 0.00	50.13 3.67 0.00
EAST_PULASKI___ESR 323781	47.41 -0.05 0.00	44.67 -0.31 0.00	40.04 -0.08 0.00	38.08 -0.15 0.00	38.15 -0.11 0.00	39.28 -0.12 0.00	43.76 -0.17 -0.51	47.65 -0.33 -0.78	50.73 -0.40 -0.86	52.94 -0.43 0.00	55.49 -0.27 -1.29	56.94 -0.16 -1.97	58.71 -0.23 -1.47	61.93 -0.30 -2.27	63.91 -0.37 -1.90	67.64 -0.07 -2.54	73.63 -0.07 -3.23	83.00 0.00 -3.71	75.57 0.30 0.00	70.27 0.63 0.00	64.64 0.32 0.00	61.62 0.12 0.00	52.74 0.21 0.00	46.83 0.37 0.00
EAST_RIVER___1 323558	50.87 3.42 0.00	48.50 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.72 3.30 0.00	50.36 3.16 0.00	53.38 3.12 0.00	56.83 3.47 0.00	57.85 3.38 0.00	58.67 3.36 -0.17	61.12 3.27 -0.38	63.87 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.08 -1.20	86.46 6.02 -1.15	81.07 4.52 -1.29	73.97 3.76 -0.57	67.53 3.21 0.00	63.96 2.46 0.00	55.78 3.26 0.00	49.29 2.83 0.00
EAST_RIVER___2 323559	50.82 3.37 0.00	48.40 3.42 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.59 3.17 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.00 3.16 -0.38	63.69 3.18 -0.56	66.69 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	86.22 5.78 -1.15	80.84 4.29 -1.29	73.76 3.55 -0.57	67.34 3.02 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.20 2.74 0.00
EAST___DELAWARE_HYD 23607	49.92 2.47 0.00	47.37 2.38 0.00	42.05 1.93 0.00	40.00 1.76 0.00	40.02 1.76 0.00	41.25 1.85 0.00	45.59 2.17 0.00	49.13 1.94 0.00	52.13 1.86 0.00	55.45 2.08 0.00	56.54 2.07 0.00	57.34 2.09 -0.11	59.89 2.18 -0.24	61.91 2.28 0.33	64.59 2.43 0.22	68.31 3.32 0.18	73.70 3.45 0.22	83.23 4.44 0.50	78.52 3.54 0.28	72.99 2.99 -0.36	67.02 2.70 0.00	63.65 2.15 0.00	55.05 2.52 0.00	48.32 1.86 0.00
EIGHT_POINT___WT_PWR 323820	48.78 1.33 0.00	45.48 0.50 0.00	41.12 1.00 0.00	38.85 0.61 0.00	39.18 0.92 0.00	40.42 1.02 0.00	43.95 0.52 0.00	47.05 -0.14 0.00	50.62 0.35 0.00	53.31 -0.05 0.00	54.80 0.33 0.00	55.80 0.66 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.75 1.37 0.00	67.58 2.41 0.00	74.13 3.66 0.00	83.25 3.96 0.00	80.23 4.97 0.00	74.72 5.08 0.00	67.98 3.66 0.00	64.20 2.70 0.00	55.41 2.89 0.00	49.76 3.30 0.00
ELBRIDGE_115KV_TB2 80188	47.31 -0.14 0.00	44.58 -0.40 0.00	39.96 -0.16 0.00	38.01 -0.23 0.00	38.07 -0.19 0.00	39.16 -0.24 0.00	43.28 -0.39 -0.25	46.96 -0.61 -0.38	50.19 -0.50 -0.42	52.83 -0.53 0.00	54.72 -0.38 -0.63	55.87 -0.22 -0.96	58.18 0.00 -0.72	61.06 0.00 -1.10	63.31 0.00 -0.93	66.86 0.46 -1.24	72.60 0.56 -1.57	81.57 0.48 -1.81	76.17 0.90 0.00	70.48 0.84 0.00	64.71 0.39 0.00	61.69 0.18 0.00	52.84 0.32 0.00	46.74 0.28 0.00
ELEC_TRO_TEK 24086	50.92 3.46 0.00	48.76 3.78 0.00	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.38 3.07 -1.90	47.03 3.60 0.00	50.36 3.16 0.00	52.68 2.41 0.00	55.93 2.56 0.00	57.63 3.16 0.00	58.73 3.42 -0.17	61.29 3.45 -0.38	64.24 3.72 -0.56	67.20 3.99 -0.82	71.35 5.15 -1.03	77.09 5.43 -1.20	86.62 6.18 -1.15	81.37 4.82 -1.29	74.32 4.11 -0.57	67.41 3.09 0.00	64.27 2.77 0.00	55.86 3.31 -0.02	48.97 2.51 0.00
ELLENBURG_WT_PWR 323604	46.79 -0.66 0.00	44.54 -0.45 0.00	39.68 -0.44 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	43.03 -0.39 0.00	47.15 -0.05 0.00	49.97 -0.30 0.00	52.78 -0.59 0.00	53.60 -0.87 0.00	54.20 -0.94 0.00	56.43 -1.03 0.00	59.06 -0.90 0.00	61.32 -1.06 0.00	63.14 -2.02 0.00	68.35 -2.11 0.00	76.91 -2.38 0.00	73.16 -2.11 0.00	67.83 -1.81 0.00	63.10 -1.22 0.00	60.64 -0.86 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.27 -0.19 0.00	44.00 -0.99 0.00	40.00 -0.12 0.00	37.78 -0.46 0.00	38.07 -0.19 0.00	39.24 -0.16 0.00	42.42 -1.00 0.00	45.07 -2.12 0.00	49.16 -1.11 0.00	51.71 -1.65 0.00	53.44 -1.03 0.00	54.69 -0.44 0.00	57.58 0.11 0.00	60.14 0.18 0.00	62.69 0.31 0.00	66.47 1.30 0.00	73.07 2.61 0.00	81.27 1.98 0.00	78.73 3.46 0.00	73.05 3.41 0.00	65.61 1.29 0.00	61.93 0.43 0.00	54.00 1.47 0.00	48.18 1.72 0.00
EMPIRE_CC_1 323656	48.31 0.86 0.00	46.02 1.04 0.00	40.76 0.64 0.00	38.96 0.72 0.00	38.95 0.69 0.00	40.19 0.79 0.00	44.42 1.00 0.00	47.81 0.61 0.00	50.82 0.55 0.00	54.01 0.64 0.00	54.96 0.49 0.00	55.21 0.33 0.26	57.06 0.17 0.57	59.17 0.06 0.85	61.26 0.13 1.24	64.25 0.65 1.56	69.16 0.50 1.81	78.34 0.79 1.74	73.55 0.23 1.95	68.85 0.07 0.87	64.38 0.06 0.00	61.44 -0.06 0.00	53.00 0.47 0.00	46.74 0.28 0.00
EMPIRE_CC_2 323658	48.31 0.86 0.00	46.02 1.04 0.00	40.76 0.64 0.00	38.96 0.72 0.00	38.95 0.69 0.00	40.19 0.79 0.00	44.42 1.00 0.00	47.81 0.61 0.00	50.82 0.55 0.00	54.01 0.64 0.00	54.96 0.49 0.00	55.21 0.33 0.26	57.06 0.17 0.57	59.17 0.06 0.85	61.26 0.13 1.24	64.25 0.65 1.56	69.16 0.50 1.81	78.34 0.79 1.74	73.55 0.23 1.95	68.85 0.07 0.87	64.38 0.06 0.00	61.44 -0.06 0.00	53.00 0.47 0.00	46.74 0.28 0.00
ENORWICH_115KV_TB1 80156	51.54 4.08 0.00	48.36 3.37 0.00	43.33 3.21 0.00	41.18 2.94 0.00	41.28 3.02 0.00	42.67 3.27 0.00	46.85 3.43 0.00	50.45 3.26 0.00	54.04 3.77 0.00	57.16 3.79 0.00	58.34 3.87 0.00	59.38 4.25 0.00	62.12 4.65 0.00	65.12 5.16 0.00	67.56 5.18 0.00	71.23 6.06 0.00	77.30 6.84 0.00	87.37 8.09 0.00	83.70 8.43 0.00	78.28 8.64 0.00	71.59 7.27 0.00	67.96 6.46 0.00	57.88 5.36 0.00	50.92 4.46 0.00
ERIE_ST__34_KV_TB1-2 80199	47.60 0.14 0.00	44.27 -0.72 0.00	40.12 0.00 0.00	37.93 -0.31 0.00	38.18 -0.08 0.00	39.44 0.04 0.00	42.60 -0.83 0.00	45.45 -1.75 0.00	49.56 -0.70 0.00	52.09 -1.28 0.00	53.82 -0.65 0.00	55.08 -0.06 0.00	58.10 0.63 0.00	60.80 0.84 0.00	63.50 1.12 0.00	67.32 2.15 0.00	74.06 3.59 0.00	82.30 3.01 0.00	79.86 4.32 0.00	73.96 1.99 0.00	66.31 0.98 0.00	62.49 0.98 0.00	54.47 1.94 0.00	48.46 2.00 0.00
ERIE_WT_PWR 323693	47.55 0.10 0.00	44.26 -0.72 0.00	40.24 0.12 0.00	37.97 -0.27 0.00	38.30 0.04 0.00	39.44 0.04 0.00	42.64 -0.78 0.00	45.59 -1.60 0.00	49.67 -0.60 0.00	52.19 -1.17 0.00	53.98 -0.49 0.00	55.03 -0.11 0.00	57.92 0.46 0.00	60.56 0.60 0.00	63.13 0.75 0.00	66.99 1.82 0.00	73.64 3.17 0.00	82.37 3.09 0.00	79.33 4.06 0.00	73.54 3.90 0.00	66.32 2.00 0.00	62.36 0.86 0.00	54.36 1.84 0.00	49.10 2.65 0.00
ESPRGFLD_115KV_TB1 80157	50.06 2.61 0.00	47.28 2.29 0.00	42.13 2.01 0.00	40.11 1.87 0.00	40.21 1.95 0.00	41.45 2.05 0.00	45.72 2.30 0.00	49.27 2.08 0.00	52.63 2.36 0.00	55.82 2.45 0.00	57.03 2.56 0.00	57.72 2.65 0.06	60.15 2.82 0.13	62.76 3.00 0.19	65.22 3.12 0.28	68.39 3.58 0.35	73.79 3.73 0.41	83.41 4.52 0.39	79.57 4.74 0.44	74.25 4.81 0.20	68.50 4.18 0.00	65.38 3.87 0.00	55.94 3.41 0.00	49.15 2.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.69 1.23 0.00	45.79 0.81 0.00	41.04 0.92 0.00	39.00 0.76 0.00	39.10 0.84 0.00	40.27 0.87 0.00	44.16 0.74 0.00	47.71 0.52 0.00	50.97 0.70 0.00	54.06 0.69 0.00	55.23 0.76 0.00	56.18 1.05 0.00	58.79 1.32 0.00	61.40 1.44 0.00	63.88 1.50 0.00	67.32 2.15 0.00	72.93 2.47 0.00	82.14 2.85 0.00	78.65 3.39 0.00	72.92 3.27 0.00	66.89 2.57 0.00	63.72 2.21 0.00	54.52 2.00 0.00	48.13 1.67 0.00
ETNA____115KV_TB2 80207	48.69 1.23 0.00	45.79 0.81 0.00	41.04 0.92 0.00	39.00 0.76 0.00	39.10 0.84 0.00	40.27 0.87 0.00	44.16 0.74 0.00	47.71 0.52 0.00	50.97 0.70 0.00	54.06 0.69 0.00	55.23 0.76 0.00	56.18 1.05 0.00	58.79 1.32 0.00	61.40 1.44 0.00	63.88 1.50 0.00	67.32 2.15 0.00	72.93 2.47 0.00	82.14 2.85 0.00	78.65 3.39 0.00	72.92 3.27 0.00	66.89 2.57 0.00	63.72 2.21 0.00	54.52 2.00 0.00	48.13 1.67 0.00
EUCLID___115KV_TB2 356179	46.98 -0.47 0.00	44.27 -0.72 0.00	39.68 -0.44 0.00	37.74 -0.50 0.00	37.76 -0.50 0.00	38.89 -0.51 0.00	42.89 -0.65 -0.12	46.53 -0.85 -0.18	49.71 -0.75 -0.20	52.57 -0.80 0.00	54.11 -0.65 -0.30	55.09 -0.50 -0.45	57.46 -0.34 -0.34	60.12 -0.36 -0.52	62.44 -0.37 -0.44	65.75 0.00 -0.59	71.28 0.07 -0.74	80.06 -0.08 -0.85	75.49 0.23 0.00	69.85 0.21 0.00	64.19 -0.13 0.00	61.19 -0.31 0.00	52.42 -0.11 0.00	46.36 -0.09 0.00
E_CANADA_CAP_HY 24051	50.63 3.18 0.00	47.87 2.88 0.00	42.53 2.41 0.00	40.49 2.26 0.00	40.56 2.30 0.00	41.88 2.48 0.00	46.20 2.78 0.00	49.60 2.41 0.00	52.88 2.61 0.00	55.98 2.61 0.00	57.03 2.56 0.00	57.53 2.48 0.09	59.86 2.59 0.19	62.37 2.70 0.29	64.70 2.74 0.42	67.76 3.13 0.53	73.17 3.31 0.61	83.14 4.44 0.59	79.28 4.67 0.66	74.37 5.02 0.29	69.08 4.76 0.00	66.05 4.55 0.00	56.41 3.89 0.00	49.57 3.11 0.00
E_CANADA_MHWK_HY 24050	48.83 1.38 0.00	46.20 1.22 0.00	41.12 1.00 0.00	39.19 0.96 0.00	39.25 0.99 0.00	40.46 1.06 0.00	44.64 1.21 0.00	48.38 1.18 0.00	51.62 1.36 0.00	54.81 1.44 0.00	55.99 1.52 0.00	56.68 1.54 0.00	59.02 1.55 0.00	61.58 1.62 0.00	64.12 1.74 0.00	67.12 1.95 0.00	72.44 1.97 0.00	81.59 2.30 0.00	77.45 2.18 0.00	71.73 2.09 0.00	66.12 1.80 0.00	63.16 1.66 0.00	54.10 1.57 0.00	47.81 1.35 0.00
E_FISHKILL___LBMP 23776	49.83 2.37 0.00	47.41 2.43 0.00	42.05 1.93 0.00	40.07 1.84 0.00	40.06 1.80 0.00	41.29 1.89 0.00	45.72 2.30 0.00	49.37 2.17 0.00	52.28 2.01 0.00	55.56 2.19 0.00	56.65 2.18 0.00	57.52 2.21 -0.18	59.98 2.13 -0.39	62.69 2.16 -0.57	65.59 2.37 -0.84	69.55 3.32 -1.06	75.07 3.38 -1.22	84.35 3.89 -1.18	79.67 3.09 -1.32	72.74 2.51 -0.59	66.38 2.06 0.00	63.10 1.60 0.00	54.73 2.21 0.00	48.32 1.86 0.00
FALCON___SEABRD_CC1 323796	46.79 -0.66 0.00	44.54 -0.45 0.00	39.72 -0.40 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.08 -0.32 0.00	43.07 -0.35 0.00	47.20 0.00 0.00	49.76 -0.50 0.00	52.09 -1.28 0.00	52.73 -1.75 0.00	53.26 -1.87 0.00	55.51 -1.95 0.00	58.10 -1.86 0.00	60.32 -2.06 0.00	61.97 -3.19 0.00	67.16 -3.31 0.00	75.64 -3.65 0.00	71.96 -3.31 0.00	66.72 -2.92 0.00	62.07 -2.25 0.00	59.72 -1.79 0.00	50.79 -1.73 0.00	45.44 -1.02 0.00
FALCON___SEABRD_CC2 323797	46.79 -0.66 0.00	44.54 -0.45 0.00	39.72 -0.40 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.08 -0.32 0.00	43.07 -0.35 0.00	47.20 0.00 0.00	49.76 -0.50 0.00	52.09 -1.28 0.00	52.73 -1.75 0.00	53.26 -1.87 0.00	55.51 -1.95 0.00	58.10 -1.86 0.00	60.32 -2.06 0.00	61.97 -3.19 0.00	67.16 -3.31 0.00	75.64 -3.65 0.00	71.96 -3.31 0.00	66.72 -2.92 0.00	62.07 -2.25 0.00	59.72 -1.79 0.00	50.79 -1.73 0.00	45.44 -1.02 0.00

FAR ROCKAWAY___4 23548	52.34 4.89 0.00	50.11 5.13 0.00	47.16 4.17 -2.87	47.45 3.98 -5.24	47.25 3.94 -5.05	45.36 4.06 -1.90	48.16 4.73 0.00	51.54 4.34 0.00	54.04 3.77 0.00	57.37 4.00 0.00	59.32 4.85 0.00	60.55 5.24 -0.17	63.30 5.46 -0.38	66.33 5.82 -0.56	69.44 6.24 -0.82	73.04 6.84 -1.03	78.99 7.33 -1.20	89.12 8.25 -1.59	83.57 6.85 -1.45	76.20 5.99 -0.57	69.02 4.70 0.00	65.74 4.24 0.00	57.15 4.57 -0.05	49.99 3.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.92 3.46 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.43 3.17 0.00	56.73 3.36 0.00	57.85 3.38 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.20	86.14 5.71 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.47 3.15 0.00	63.96 2.46 0.00	55.84 3.31 0.00	49.43 2.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.92 3.46 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.43 3.17 0.00	56.73 3.36 0.00	57.85 3.38 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.82 3.30 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.20	86.14 5.71 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.47 3.15 0.00	63.96 2.46 0.00	55.84 3.31 0.00	49.43 2.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.87 3.42 0.00	48.45 3.46 0.00	42.89 2.77 0.00	40.84 2.60 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.68 3.26 0.00	50.41 3.21 0.00	53.38 3.12 0.00	56.68 3.31 0.00	57.79 3.32 0.00	58.62 3.31 -0.17	61.06 3.22 -0.38	63.82 3.30 -0.56	66.76 3.56 -0.82	70.96 4.76 -1.03	76.66 5.00 -1.20	86.07 5.63 -1.15	81.00 4.44 -1.29	73.91 3.69 -0.57	67.34 3.02 0.00	63.90 2.40 0.00	55.73 3.20 0.00	49.38 2.93 0.00
FARRAGUT___LBMP 323566	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.36 3.16 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.70 3.49 -0.82	70.83 4.63 -1.03	76.59 4.93 -1.20	85.99 5.55 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.34 2.88 0.00
FENNER___WINDPWR 24204	48.78 1.33 0.00	45.97 0.99 0.00	41.12 1.00 0.00	39.12 0.88 0.00	39.18 0.92 0.00	40.34 0.94 0.00	45.07 1.65 0.00	48.85 1.65 0.00	52.23 1.96 0.00	55.34 1.98 0.00	56.65 2.18 0.00	57.40 2.26 0.00	59.82 2.36 0.00	62.59 2.64 0.00	65.00 2.62 0.00	68.03 2.86 0.00	73.71 3.24 0.00	82.14 2.85 0.00	78.13 2.86 0.00	72.57 2.92 0.00	66.76 2.44 0.00	63.59 2.09 0.00	54.31 1.79 0.00	47.99 1.53 0.00
FIBERTEK___ENERGY 23856	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
FITZPATRICK___ 23598	46.27 -1.18 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.20 -1.03 0.00	37.23 -1.03 0.00	38.34 -1.06 0.00	39.90 -1.26 2.26	42.20 -1.51 3.48	44.90 -1.51 3.86	51.77 -1.60 0.00	47.20 -1.52 5.75	44.90 -1.43 8.80	49.50 -1.38 6.59	48.40 -1.44 10.12	52.40 -1.50 8.48	52.50 -1.30 11.36	54.70 -1.34 14.43	61.20 -1.51 16.58	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.63 3.18 0.00	48.13 3.15 0.00	42.69 2.57 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.88 2.48 0.00	46.33 2.91 0.00	49.98 2.78 0.00	52.98 2.71 0.00	56.30 2.94 0.00	57.47 3.00 0.00	58.31 3.03 -0.14	60.87 3.10 -0.30	63.53 3.12 -0.45	66.35 3.31 -0.66	70.30 4.30 -0.83	75.87 4.44 -0.96	85.36 5.15 -0.92	80.59 4.29 -1.03	73.72 3.62 -0.46	67.41 3.09 0.00	64.21 2.71 0.00	55.63 3.10 0.00	48.97 2.51 0.00
FORT ORANGE___ 23900	48.21 0.76 0.00	45.84 0.85 0.00	40.64 0.52 0.00	38.77 0.54 0.00	38.76 0.50 0.00	39.95 0.55 0.00	44.16 0.74 0.00	47.62 0.42 0.00	50.62 0.35 0.00	53.74 0.38 0.00	54.69 0.22 0.00	55.23 0.22 0.13	57.13 -0.06 0.28	57.88 -0.30 1.78	59.97 -0.31 2.10	62.74 0.00 2.43	67.50 -0.14 2.83	76.14 0.16 3.31	71.89 -0.23 3.15	68.95 -0.28 0.42	64.06 -0.26 0.00	61.32 -0.18 0.00	52.74 0.21 0.00	46.78 0.33 0.00
FORT_DRUM_COGEN 23780	49.12 1.66 0.00	46.24 1.26 0.00	41.36 1.24 0.00	39.42 1.19 0.00	39.45 1.19 0.00	40.74 1.34 0.00	45.13 1.48 -0.24	48.93 1.37 -0.36	52.23 1.56 -0.40	55.24 1.87 0.00	57.25 2.18 -0.60	58.31 2.26 -0.92	59.93 1.78 -0.69	62.57 1.56 -1.06	64.64 1.37 -0.89	67.72 1.37 -1.19	73.73 1.76 -1.51	83.47 2.46 -1.73	78.28 3.01 0.00	73.47 3.83 0.00	67.73 3.41 0.00	64.58 3.08 0.00	54.84 2.31 0.00	48.32 1.86 0.00
FOX_HILLS___ESR 323835	51.16 3.70 -0.01	48.77 3.78 -0.01	43.22 3.09 -0.01	41.15 2.91 -0.01	41.14 2.87 -0.01	42.36 2.96 0.00	46.90 3.47 0.00	50.31 3.11 0.00	52.88 2.61 0.00	56.25 2.88 0.00	53.23 2.94 4.18	52.27 2.98 5.84	53.26 2.76 6.96	55.52 2.70 7.14	59.34 3.06 6.10	59.59 4.17 9.75	71.13 4.30 3.63	80.58 4.92 3.62	75.98 3.76 3.05	67.27 3.06 5.43	66.88 2.57 0.01	55.64 1.97 7.83	52.57 3.10 3.06	49.76 3.30 -0.01
FPL_FAR_ROCK_GT1 24212	52.35 4.89 0.00	50.08 5.08 -0.01	47.16 4.17 -2.87	47.45 3.98 -5.24	47.25 3.94 -5.05	45.36 4.06 -1.90	48.16 4.73 -0.01	50.92 3.73 0.00	53.89 3.62 0.00	57.48 4.11 0.00	59.32 4.85 0.00	60.55 5.24 -0.17	63.31 5.46 -0.38	66.33 5.81 -0.56	69.45 6.24 -0.83	73.05 6.84 -1.04	79.00 7.33 -1.20	89.44 8.57 -1.59	83.57 6.85 -1.45	76.21 5.99 -0.57	69.08 4.76 0.00	65.74 4.24 0.00	57.15 4.57 -0.05	49.85 3.39 0.00
FPL_FAR_ROCK_GT2 23815	52.35 4.89 0.00	50.08 5.08 -0.01	47.16 4.17 -2.87	47.45 3.98 -5.24	47.25 3.94 -5.05	45.36 4.06 -1.90	48.16 4.73 -0.01	50.92 3.73 0.00	53.89 3.62 0.00	57.48 4.11 0.00	59.32 4.85 0.00	60.55 5.24 -0.17	63.31 5.46 -0.38	66.33 5.81 -0.56	69.45 6.24 -0.83	73.05 6.84 -1.04	79.00 7.33 -1.20	89.44 8.57 -1.59	83.57 6.85 -1.45	76.21 5.99 -0.57	69.08 4.76 0.00	65.74 4.24 0.00	57.15 4.57 -0.05	49.85 3.39 0.00
FRANKLIN_FALL_HYD 24054	47.55 0.09 0.00	45.26 0.27 0.00	40.32 0.20 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.75 0.35 0.00	43.81 0.39 0.00	47.86 0.66 0.00	50.92 0.65 0.00	54.17 0.80 0.00	54.96 0.49 0.00	55.30 0.17 0.00	57.58 0.11 0.00	60.38 0.42 0.00	62.57 0.19 0.00	64.19 -0.98 0.00	69.62 -0.85 0.00	78.73 -0.55 0.00	74.59 -0.68 0.00	69.36 -0.28 0.00	64.64 0.32 0.00	62.12 0.62 0.00	52.47 -0.05 0.00	46.64 0.19 0.00

FREEPORT_EQUS_GT1 23764	51.35 3.89 0.00	49.27 4.28 -0.01	46.56 3.57 -2.87	46.88 3.40 -5.24	46.68 3.37 -5.05	44.81 3.51 -1.90	47.51 4.08 -0.01	50.03 2.83 0.00	52.83 2.56 0.00	56.35 2.99 0.00	58.12 3.65 0.00	59.22 3.92 -0.17	61.64 3.79 -0.38	64.60 4.08 -0.56	67.71 4.49 -0.83	71.87 5.67 -1.04	77.66 5.99 -1.20	87.57 7.14 -1.15	81.98 5.42 -1.29	74.88 4.67 -0.57	67.92 3.60 0.00	64.88 3.38 0.00	56.33 3.78 -0.02	49.29 2.83 0.00
FREEPORT___CT2 23818	51.35 3.89 0.00	49.27 4.28 -0.01	46.56 3.57 -2.87	46.88 3.40 -5.24	46.68 3.37 -5.05	44.81 3.51 -1.90	47.51 4.08 -0.01	50.03 2.83 0.00	52.83 2.56 0.00	56.35 2.99 0.00	58.12 3.65 0.00	59.22 3.92 -0.17	61.64 3.79 -0.38	64.60 4.08 -0.56	67.71 4.49 -0.83	71.87 5.67 -1.04	77.66 5.99 -1.20	87.57 7.14 -1.15	81.98 5.42 -1.29	74.88 4.67 -0.57	67.92 3.60 0.00	64.88 3.38 0.00	56.33 3.78 -0.02	49.29 2.83 0.00
FRESHKLS_33_KV_LOAD 356253	51.21 3.75 -0.01	48.91 3.91 -0.01	43.30 3.17 -0.01	41.23 2.98 -0.01	41.22 2.95 -0.01	42.43 3.03 0.00	47.03 3.60 0.00	50.36 3.16 0.00	52.83 2.56 0.00	56.14 2.78 0.00	53.17 2.89 4.18	52.22 2.92 5.84	53.20 2.70 6.96	55.52 2.70 7.14	59.28 2.99 6.10	59.65 4.24 9.75	71.13 4.30 3.63	80.58 4.92 3.62	76.05 3.84 3.05	67.34 3.13 5.43	62.09 2.64 4.87	55.58 1.91 7.83	52.57 3.10 3.06	49.86 3.39 -0.01
FULTON COGEN____ 23766	46.89 -0.57 0.00	44.18 -0.81 0.00	39.64 -0.48 0.00	37.70 -0.54 0.00	37.73 -0.54 0.00	38.85 -0.55 0.00	43.33 -0.69 -0.61	47.23 -0.90 -0.93	50.40 -0.90 -1.04	52.41 -0.96 0.00	55.14 -0.87 -1.54	56.78 -0.72 -2.36	58.66 -0.57 -1.77	62.07 -0.60 -2.71	64.03 -0.62 -2.28	67.95 -0.26 -3.05	74.12 -0.21 -3.87	83.34 -0.40 -4.45	75.19 -0.08 0.00	69.64 0.00 0.00	64.00 -0.32 0.00	61.07 -0.43 0.00	52.26 -0.26 0.00	46.32 -0.14 0.00
FULTON___LFGE 323630	50.92 3.46 0.00	48.18 3.19 0.00	42.77 2.65 0.00	40.72 2.48 0.00	40.79 2.52 0.00	42.12 2.72 0.00	46.46 3.04 0.00	49.98 2.78 0.00	53.23 2.97 0.00	56.35 2.99 0.00	57.30 2.83 0.00	57.79 2.76 0.10	60.17 2.93 0.22	62.57 2.76 0.33	64.96 2.74 0.48	68.02 3.45 0.60	73.43 3.66 0.69	83.45 4.84 0.67	79.49 4.97 0.75	74.60 5.29 0.33	69.27 4.95 0.00	66.36 4.86 0.00	56.68 4.15 0.00	49.76 3.30 0.00
G.F.CEMENT___DRP 24184	50.92 3.46 0.00	48.27 3.28 0.00	42.73 2.61 0.00	40.68 2.45 0.00	40.75 2.49 0.00	42.04 2.64 0.00	46.46 3.04 0.00	50.17 2.97 0.00	53.53 3.27 0.00	56.62 3.26 0.00	57.20 2.72 0.00	57.68 2.70 0.15	59.94 2.82 0.34	62.22 2.76 0.50	64.39 2.74 0.73	67.50 3.26 0.92	73.00 3.59 1.06	82.46 4.20 1.02	78.94 4.82 1.15	73.87 4.74 0.51	68.89 4.57 0.00	66.11 4.61 0.00	56.52 3.99 0.00	49.66 3.21 0.00
GARDENVILLE___LBMP 24039	47.41 -0.05 0.00	44.13 -0.85 0.00	40.08 -0.04 0.00	37.85 -0.38 0.00	38.15 -0.11 0.00	39.32 -0.08 0.00	42.51 -0.91 0.00	45.21 -1.98 0.00	49.26 -1.01 0.00	51.82 -1.55 0.00	53.55 -0.93 0.00	54.80 -0.33 0.00	57.75 0.29 0.00	60.32 0.36 0.00	62.88 0.50 0.00	66.66 1.50 0.00	73.29 2.82 0.00	81.51 2.22 0.00	79.03 3.76 0.00	73.26 3.62 0.00	65.86 1.54 0.00	62.12 0.62 0.00	54.16 1.63 0.00	48.32 1.86 0.00
GARDNVLA_35_KV_LD 355827	47.60 0.14 0.00	44.31 -0.67 0.00	40.24 0.12 0.00	38.01 -0.23 0.00	38.30 0.04 0.00	39.48 0.08 0.00	42.68 -0.74 0.00	45.40 -1.79 0.00	49.51 -0.75 0.00	52.09 -1.28 0.00	53.87 -0.60 0.00	55.14 0.00 0.00	58.10 0.63 0.00	60.74 0.78 0.00	63.32 0.94 0.00	67.12 1.95 0.00	73.85 3.38 0.00	82.06 2.78 0.00	79.56 4.29 0.00	73.75 4.11 0.00	66.19 1.87 0.00	62.49 0.98 0.00	54.47 1.94 0.00	48.55 2.09 0.00
GELCKHM___115KV_LOAD 80723	47.17 -0.28 0.00	44.45 -0.54 0.00	39.84 -0.28 0.00	37.89 -0.34 0.00	37.92 -0.34 0.00	39.05 -0.35 0.00	43.12 -0.48 -0.17	46.80 -0.66 -0.26	50.01 -0.55 -0.29	52.78 -0.59 0.00	54.47 -0.44 -0.44	55.58 -0.22 -0.67	57.85 -0.11 -0.50	60.67 -0.06 -0.77	62.96 -0.06 -0.64	66.35 0.33 -0.86	71.98 0.42 -1.09	80.78 0.24 -1.26	75.87 0.60 0.00	70.20 0.56 0.00	64.51 0.19 0.00	61.50 0.00 0.00	52.63 0.11 0.00	46.55 0.09 0.00
GENERAL___MILLS 23808	47.50 0.05 0.00	44.22 -0.76 0.00	40.16 0.04 0.00	37.93 -0.31 0.00	38.22 -0.04 0.00	39.44 0.04 0.00	42.60 -0.83 0.00	45.31 -1.89 0.00	49.41 -0.85 0.00	51.93 -1.44 0.00	53.71 -0.76 0.00	54.97 -0.17 0.00	57.93 0.46 0.00	60.50 0.54 0.00	63.13 0.75 0.00	66.86 1.69 0.00	73.57 3.10 0.00	81.74 2.46 0.00	79.26 3.99 0.00	73.54 3.90 0.00	65.99 1.67 0.00	62.30 0.80 0.00	54.31 1.79 0.00	48.46 2.00 0.00
GE_PLASTICS___DRP 24183	48.36 0.90 0.00	45.97 0.99 0.00	40.80 0.68 0.00	38.96 0.73 0.00	38.95 0.69 0.00	40.11 0.71 0.00	44.29 0.87 0.00	47.90 0.71 0.00	50.87 0.60 0.00	54.01 0.64 0.00	55.02 0.54 0.10	55.59 0.55 0.22	57.19 -0.06 0.22	35.00 -0.36 24.60	35.00 -0.37 27.01	35.00 0.07 30.23	35.00 -0.14 35.33	34.84 -0.08 44.37	35.00 -0.38 39.89	68.83 -0.49 0.32	63.74 -0.51 0.06	61.01 -0.49 0.00	52.47 -0.05 0.00	46.30 -0.09 0.06
GILBOA___1 23756	48.69 1.23 0.00	46.20 1.22 0.00	41.08 0.96 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.39 0.99 0.00	44.60 1.17 0.00	48.14 0.94 0.00	51.17 0.91 0.00	54.43 1.07 0.00	55.50 1.03 0.00	56.16 0.99 -0.03	58.50 0.98 -0.06	61.01 0.96 -0.09	63.57 1.06 -0.13	66.96 1.63 -0.17	71.93 1.27 -0.19	81.06 1.59 -0.19	76.61 1.13 -0.21	70.64 0.90 -0.09	65.22 0.90 0.00	62.30 0.80 0.00	53.68 1.15 0.00	47.34 0.88 0.00
GILBOA___2 23757	48.69 1.23 0.00	46.20 1.22 0.00	41.08 0.96 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.39 0.99 0.00	44.60 1.17 0.00	48.14 0.94 0.00	51.17 0.91 0.00	54.43 1.07 0.00	55.50 1.03 0.00	56.16 0.99 -0.03	58.50 0.98 -0.06	61.01 0.96 -0.09	63.57 1.06 -0.13	66.96 1.63 -0.17	71.93 1.27 -0.19	81.06 1.59 -0.19	76.61 1.13 -0.21	70.64 0.90 -0.09	65.22 0.90 0.00	62.30 0.80 0.00	53.68 1.15 0.00	47.34 0.88 0.00
GILBOA___3 23758	48.69 1.23 0.00	46.20 1.22 0.00	41.08 0.96 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.39 0.99 0.00	44.60 1.17 0.00	48.14 0.94 0.00	51.17 0.91 0.00	54.43 1.07 0.00	55.50 1.03 0.00	56.16 0.99 -0.03	58.50 0.98 -0.06	61.01 0.96 -0.09	63.57 1.06 -0.13	66.96 1.63 -0.17	71.93 1.27 -0.19	81.06 1.59 -0.19	76.61 1.13 -0.21	70.64 0.90 -0.09	65.22 0.90 0.00	62.30 0.80 0.00	53.68 1.15 0.00	47.34 0.88 0.00
GILBOA___4 23759	48.69 1.23 0.00	46.20 1.22 0.00	41.08 0.96 0.00	39.30 1.07 0.00	39.33 1.07 0.00	40.39 0.99 0.00	44.60 1.17 0.00	48.14 0.94 0.00	51.17 0.91 0.00	54.43 1.07 0.00	55.50 1.03 0.00	56.16 0.99 -0.03	58.50 0.98 -0.06	61.01 0.96 -0.09	63.57 1.06 -0.13	66.96 1.63 -0.17	71.93 1.27 -0.19	81.06 1.59 -0.19	76.61 1.13 -0.21	70.64 0.90 -0.09	65.22 0.90 0.00	62.30 0.80 0.00	53.68 1.15 0.00	47.34 0.88 0.00

GILBOA____ 23599	48.69 1.23 0.00	46.20 1.21 0.00	41.08 0.96 0.00	39.31 1.07 0.00	39.33 1.07 0.00	40.39 0.99 0.00	44.59 1.17 0.00	48.19 0.99 0.00	51.22 0.96 0.00	54.38 1.01 0.00	55.51 1.03 0.00	56.16 0.99 -0.03	58.50 0.98 -0.06	61.01 0.96 -0.09	63.57 1.06 -0.13	66.96 1.63 -0.17	71.93 1.27 -0.19	80.90 1.43 -0.19	76.60 1.13 -0.21	70.64 0.91 -0.09	65.16 0.84 0.00	62.30 0.80 0.00	53.68 1.16 0.00	47.39 0.93 0.00
GINNA____ 23603	45.75 -1.71 0.00	42.83 -2.16 0.00	38.64 -1.48 0.00	36.55 -1.68 0.00	36.77 -1.49 0.00	37.82 -1.58 0.00	41.34 -2.08 0.00	44.60 -2.60 0.00	48.11 -2.16 0.00	50.91 -2.45 0.00	52.40 -2.07 0.00	53.37 -1.77 0.00	56.03 -1.43 0.00	58.52 -1.44 0.00	60.95 -1.43 0.00	64.32 -0.85 0.00	70.05 -0.42 0.00	78.65 -0.64 0.00	75.27 0.00 0.00	69.85 0.21 0.00	63.68 -0.64 0.00	60.21 -1.29 0.00	51.90 -0.63 0.00	46.23 -0.23 0.00
GLEN PARK____ 23778	49.21 1.76 0.00	46.33 1.35 0.00	41.44 1.32 0.00	39.50 1.26 0.00	39.52 1.26 0.00	40.82 1.42 0.00	45.23 1.56 -0.25	48.99 1.41 -0.38	52.30 1.61 -0.43	55.40 2.03 0.00	57.56 2.45 -0.63	58.64 2.54 -0.97	60.15 1.95 -0.73	62.69 1.62 -1.12	64.69 1.37 -0.94	67.85 1.43 -1.25	73.89 1.83 -1.59	83.81 2.70 -1.83	78.50 3.23 0.00	73.89 4.25 0.00	68.05 3.73 0.00	64.88 3.38 0.00	55.05 2.52 0.00	48.50 2.04 0.00
GLENDALE_27_KV_LOAD 356172	51.25 3.80 0.00	48.81 3.82 0.00	43.21 3.09 0.00	41.14 2.91 0.00	41.13 2.87 0.00	42.39 2.99 0.00	47.03 3.60 0.00	50.74 3.54 0.00	53.53 3.27 0.00	56.89 3.52 0.00	58.01 3.54 0.00	58.89 3.58 -0.17	61.24 3.39 -0.38	63.87 3.36 -0.55	66.81 3.62 -0.81	71.01 4.82 -1.03	76.73 5.07 -1.19	86.22 5.79 -1.14	81.14 4.59 -1.28	74.04 3.83 -0.56	67.46 3.15 0.01	64.01 2.52 0.01	56.10 3.57 0.00	49.85 3.39 0.00
GLENWOOD_IC_1_G5 23712	51.06 3.61 0.00	48.81 3.82 0.00	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.34 3.03 -1.90	47.03 3.60 0.00	50.50 3.30 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.85 3.38 0.00	58.89 3.58 -0.17	61.52 3.33 -0.38	64.36 3.68 -0.56	67.38 4.18 -0.82	71.54 5.34 -1.03	77.30 5.64 -1.20	86.78 6.34 -1.15	81.60 5.04 -1.29	74.46 4.25 -0.57	67.66 3.34 0.00	64.39 2.89 0.00	56.05 3.52 -0.01	49.29 2.83 0.00
GLENWOOD_IC_2_G1 23688	50.73 3.27 0.00	48.46 3.46 -0.01	45.80 2.81 -2.87	46.11 2.64 -5.24	45.95 2.64 -5.05	44.06 2.76 -1.90	46.69 3.26 -0.01	49.93 2.74 0.00	52.83 2.56 0.00	56.30 2.93 0.00	57.68 3.21 0.00	58.62 3.31 -0.17	61.18 3.33 -0.38	63.99 3.48 -0.56	67.02 3.81 -0.83	71.10 4.89 -1.04	76.81 5.14 -1.20	86.54 6.11 -1.15	81.22 4.67 -1.29	74.11 3.90 -0.57	67.53 3.21 0.00	64.14 2.64 0.00	55.73 3.20 0.00	48.96 2.51 0.00
GLENWOOD_IC_3_G1 23689	50.73 3.27 0.00	48.46 3.46 -0.01	45.80 2.81 -2.87	46.11 2.64 -5.24	45.95 2.64 -5.05	44.06 2.76 -1.90	46.69 3.26 -0.01	49.93 2.74 0.00	52.83 2.56 0.00	56.30 2.93 0.00	57.68 3.21 0.00	58.62 3.31 -0.17	61.18 3.33 -0.38	63.99 3.48 -0.56	67.02 3.81 -0.83	71.10 4.89 -1.04	76.81 5.14 -1.20	86.54 6.11 -1.15	81.22 4.67 -1.29	74.11 3.90 -0.57	67.53 3.21 0.00	64.14 2.64 0.00	55.73 3.20 0.00	48.96 2.51 0.00
GLENWOOD____4 23550	51.06 3.61 0.00	48.81 3.82 0.00	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.34 3.03 -1.90	47.03 3.60 0.00	50.50 3.30 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.90 3.43 0.00	58.95 3.64 -0.17	61.58 3.74 -0.38	64.48 3.96 -0.56	67.51 4.30 -0.82	71.61 5.41 -1.03	77.37 5.71 -1.20	86.86 6.42 -1.15	81.75 5.19 -1.29	74.60 4.39 -0.57	67.73 3.41 0.00	64.45 2.95 0.00	56.05 3.52 -0.01	49.29 2.83 0.00
GLENWOOD____5 23614	51.06 3.61 0.00	48.81 3.82 0.00	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.34 3.03 -1.90	47.03 3.60 0.00	50.50 3.30 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.90 3.43 0.00	58.95 3.64 -0.17	61.58 3.74 -0.38	64.48 3.96 -0.56	67.51 4.30 -0.82	71.61 5.41 -1.03	77.37 5.71 -1.20	86.86 6.42 -1.15	81.75 5.19 -1.29	74.60 4.39 -0.57	67.73 3.41 0.00	64.45 2.95 0.00	56.05 3.52 -0.01	49.29 2.83 0.00
GLOBAL GREEN_PORT_GT1 23814	62.06 6.45 -8.15	51.92 6.84 -0.10	49.00 6.02 -2.87	49.21 5.73 -5.24	49.01 5.70 -5.05	47.10 5.79 -1.90	49.77 6.34 -0.01	52.16 4.95 -0.01	55.24 5.03 0.05	58.70 5.65 0.33	61.17 6.70 0.00	77.76 7.16 -15.46	66.45 7.58 -1.40	71.67 7.98 -3.74	71.76 8.42 -0.96	97.48 9.64 -22.67	207.17 10.43 -126.28	259.86 10.07 -170.50	306.22 8.35 -222.60	237.81 7.31 -160.86	194.71 7.39 -123.00	83.89 6.64 -15.74	57.95 6.09 0.67	54.42 4.92 -3.04
GLOBE____DSASP 323697	45.75 -1.71 0.00	42.56 -2.43 0.00	38.84 -1.28 0.00	36.59 -1.64 0.00	37.34 -0.92 0.00	38.02 -1.38 0.00	41.08 -2.34 0.00	43.51 -3.68 0.00	47.50 -2.76 0.00	50.01 -3.36 0.00	51.69 -2.78 0.00	52.87 -2.26 0.00	55.68 -1.78 0.00	57.98 -1.98 0.00	60.45 -1.93 0.00	64.06 -1.11 0.00	70.40 -0.07 0.00	78.26 -1.03 0.00	75.79 0.53 0.00	70.41 0.77 0.00	63.23 -1.09 0.00	59.66 -1.85 0.00	52.21 -0.32 0.00	46.74 0.28 0.00
GOETHSLN____LBMP 323567	50.59 3.13 0.00	48.22 3.24 0.00	42.65 2.53 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.46 3.04 0.00	50.17 2.97 0.00	53.08 2.81 0.00	56.36 2.99 0.00	53.18 2.89 4.18	52.17 2.87 5.83	53.27 2.76 6.96	55.57 2.76 7.15	59.27 2.99 6.10	59.60 4.17 9.74	71.19 4.37 3.64	80.57 4.92 3.63	76.05 3.84 3.06	67.26 3.06 5.44	61.95 2.51 4.88	55.57 1.91 7.84	52.25 2.78 3.06	49.06 2.60 0.00
GOLAH____69_KV_TB 1_2 80279	48.17 0.71 0.00	45.03 0.04 0.00	40.68 0.56 0.00	38.43 0.19 0.00	38.64 0.38 0.00	39.79 0.39 0.00	43.34 -0.09 0.00	46.39 -0.80 0.00	50.02 -0.25 0.00	52.78 -0.59 0.00	54.47 0.00 0.00	55.58 0.44 0.00	58.33 0.86 0.00	60.86 0.90 0.00	63.44 1.06 0.00	66.99 1.82 0.00	73.14 2.68 0.00	81.82 2.54 0.00	79.03 3.76 0.00	73.47 3.83 0.00	66.64 2.32 0.00	63.16 1.66 0.00	54.58 2.05 0.00	48.50 2.04 0.00
GOODYEAR_LAKE_HYD 323669	49.54 2.09 0.00	46.83 1.84 0.00	41.73 1.60 0.00	39.80 1.57 0.00	39.87 1.61 0.00	41.06 1.65 0.00	45.29 1.87 0.00	48.94 1.75 0.00	52.28 2.01 0.00	55.50 2.13 0.00	56.71 2.23 0.00	57.51 2.37 0.00	59.99 2.53 0.00	62.66 2.70 0.00	65.19 2.81 0.00	68.49 3.32 0.00	73.92 3.45 0.00	83.25 3.96 0.00	79.18 3.91 0.00	73.40 3.76 0.00	67.47 3.15 0.00	64.33 2.83 0.00	55.15 2.63 0.00	48.55 2.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.21 0.76 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.91 0.51 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.57 0.30 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.07 0.94 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.69 1.31 0.00	67.12 1.95 0.00	72.65 2.18 0.00	81.51 2.22 0.00	77.98 2.71 0.00	72.22 2.58 0.00	66.06 1.74 0.00	62.79 1.29 0.00	54.00 1.47 0.00	47.76 1.30 0.00

GOUDEY___7 23579	48.21 0.76 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.91 0.51 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.57 0.30 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.07 0.94 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.69 1.31 0.00	67.12 1.95 0.00	72.65 2.18 0.00	81.51 2.22 0.00	77.98 2.71 0.00	72.22 2.58 0.00	66.06 1.74 0.00	62.79 1.29 0.00	54.00 1.47 0.00	47.76 1.30 0.00
GOUDEY___8 23580	48.21 0.76 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.91 0.51 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.57 0.30 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.07 0.94 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.69 1.31 0.00	67.12 1.95 0.00	72.65 2.18 0.00	81.51 2.22 0.00	77.98 2.71 0.00	72.22 2.58 0.00	66.06 1.74 0.00	62.79 1.29 0.00	54.00 1.47 0.00	47.76 1.30 0.00
GOWANUS_GT1_1 24077	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_2 24078	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_3 24079	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_4 24080	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_5 24084	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_6 24111	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_7 24112	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT1_8 24113	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT2_1 24114	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_2 24115	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_3 24116	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_4 24117	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_5 24118	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01

GOWANUS_GT2_6 24119	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_7 24120	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT2_8 24121	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_1 24122	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_2 24123	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_3 24124	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_4 24125	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_5 24126	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_6 24127	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_7 24128	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT3_8 24129	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
GOWANUS_GT4_1 24130	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_2 24131	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_3 24132	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_4 24133	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01

GOWANUS_GT4_5 24134	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_6 24135	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_7 24136	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GOWANUS_GT4_8 24137	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GREATVRV_69_KV_BK1 356245	59.99 4.70 -7.83	50.17 5.13 -0.05	47.68 4.69 -2.87	47.91 4.44 -5.24	47.71 4.40 -5.05	45.87 4.57 -1.90	48.55 5.12 0.00	51.64 4.44 -0.01	53.66 3.47 0.08	56.69 3.68 0.36	59.01 4.52 -0.01	86.30 4.91 -26.25	63.51 5.06 -0.99	67.82 5.40 -2.46	69.21 5.93 -0.90	76.28 7.17 -3.94	153.98 7.40 -76.11	190.15 8.40 -102.46	215.99 6.92 -133.80	172.05 5.99 -96.42	142.51 4.70 -73.49	74.90 4.43 -8.97	56.68 4.57 0.42	51.79 3.62 -1.71
GREENBSH_115KV_TB3 55895	48.17 0.71 0.00	45.79 0.81 0.00	40.60 0.48 0.00	38.77 0.54 0.00	38.76 0.50 0.00	39.95 0.55 0.00	44.12 0.69 0.00	47.67 0.47 0.00	50.67 0.40 0.00	53.79 0.43 0.00	54.80 0.33 0.00	55.28 0.28 0.13	57.17 0.00 0.30	59.34 -0.18 0.44	61.55 -0.19 0.64	64.62 0.26 0.81	69.61 0.07 0.93	78.55 0.16 0.90	74.11 -0.15 1.00	68.99 -0.21 0.45	64.06 -0.26 0.00	61.26 -0.25 0.00	52.68 0.16 0.00	46.60 0.14 0.00
GREENDGE_115KV_TB5 80291	48.59 1.14 0.00	45.48 0.49 0.00	40.92 0.80 0.00	38.77 0.54 0.00	38.99 0.73 0.00	40.19 0.79 0.00	43.94 0.52 0.00	47.34 0.14 0.00	50.42 0.15 0.00	53.42 0.05 0.00	54.80 0.33 0.00	55.85 0.72 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.75 1.37 0.00	67.32 2.15 0.00	73.43 2.96 0.00	82.30 3.01 0.00	79.26 3.99 0.00	73.54 3.90 0.00	67.02 2.70 0.00	63.65 2.15 0.00	54.58 2.05 0.00	48.27 1.81 0.00
GREENIDGE___3 23582	48.59 1.14 0.00	45.48 0.49 0.00	40.92 0.80 0.00	38.77 0.54 0.00	38.99 0.73 0.00	40.19 0.79 0.00	43.94 0.52 0.00	47.34 0.14 0.00	50.42 0.15 0.00	53.42 0.05 0.00	54.80 0.33 0.00	55.85 0.72 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.75 1.37 0.00	67.32 2.15 0.00	73.43 2.96 0.00	82.30 3.01 0.00	79.26 3.99 0.00	73.54 3.90 0.00	67.02 2.70 0.00	63.65 2.15 0.00	54.58 2.05 0.00	48.27 1.81 0.00
GREENIDGE___4 23583	48.59 1.14 0.00	45.48 0.50 0.00	40.92 0.80 0.00	38.77 0.54 0.00	38.99 0.73 0.00	40.19 0.79 0.00	43.95 0.52 0.00	47.39 0.19 0.00	50.52 0.25 0.00	53.53 0.16 0.00	54.91 0.43 0.00	55.91 0.77 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.75 1.37 0.00	67.31 2.15 0.00	73.43 2.96 0.00	82.69 3.41 0.00	79.25 3.99 0.00	73.54 3.90 0.00	67.15 2.83 0.00	63.65 2.15 0.00	54.57 2.05 0.00	48.60 2.14 0.00
GREENLWN_69_KV_BK 3 55738	48.86 2.94 1.53	48.70 3.73 0.02	46.04 3.05 -2.87	46.34 2.87 -5.24	46.14 2.83 -5.05	44.30 2.99 -1.90	46.77 3.34 0.00	49.60 2.41 0.00	51.14 1.51 0.63	52.87 1.60 2.10	56.93 2.29 -0.17	56.26 2.59 1.46	60.49 2.64 -0.38	63.02 2.94 -0.12	66.70 3.24 -1.07	70.18 4.37 -0.65	48.59 4.51 26.38	47.79 5.15 36.65	31.26 3.76 47.78	36.78 3.06 35.93	37.97 2.06 28.40	56.77 1.72 6.45	52.70 2.36 2.19	46.68 1.63 1.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01
GRISSOM___SOLAR 323813	50.73 3.27 0.00	48.05 3.06 0.00	42.65 2.53 0.00	40.61 2.37 0.00	40.67 2.41 0.00	41.96 2.56 0.00	46.33 2.91 0.00	49.88 2.69 0.00	53.13 2.86 0.00	56.25 2.88 0.00	57.19 2.72 0.00	57.68 2.65 0.10	60.06 2.82 0.23	62.45 2.82 0.33	64.82 2.93 0.49	67.87 3.32 0.61	73.35 3.59 0.71	83.20 4.60 0.68	79.25 4.74 0.77	74.25 4.95 0.34	68.95 4.63 0.00	65.99 4.49 0.00	56.47 3.94 0.00	49.57 3.11 0.00
GROVEVILLE___HYD 323602	50.63 3.18 0.00	48.13 3.15 0.00	42.69 2.57 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.88 2.48 0.00	46.33 2.91 0.00	49.98 2.78 0.00	52.98 2.71 0.00	56.30 2.94 0.00	57.47 3.00 0.00	58.31 3.03 -0.14	60.87 3.10 -0.30	63.53 3.12 -0.45	66.35 3.31 -0.66	70.30 4.30 -0.83	75.87 4.44 -0.96	85.36 5.15 -0.92	80.59 4.29 -1.03	73.72 3.62 -0.46	67.41 3.09 0.00	64.21 2.71 0.00	55.63 3.10 0.00	48.97 2.51 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
HAMLTNNY_34_KV_TB 80303	47.74 0.28 0.00	44.90 -0.09 0.00	40.32 0.20 0.00	38.31 0.08 0.00	38.38 0.11 0.00	39.52 0.12 0.00	43.56 -0.09 -0.23	47.26 -0.28 -0.35	50.55 -0.10 -0.39	53.26 -0.11 0.00	55.16 0.11 -0.58	56.35 0.33 -0.88	58.76 0.63 -0.66	61.64 0.66 -1.02	63.92 0.69 -0.85	67.55 1.24 -1.14	73.40 1.48 -1.45	82.38 1.43 -1.67	77.15 1.88 0.00	71.45 1.81 0.00	65.48 1.16 0.00	62.42 0.92 0.00	53.47 0.95 0.00	47.29 0.84 0.00

HAMPSHIRE___PAPER_HYD 323593	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.28 0.94 -0.14	51.38 0.95 -0.16	54.33 0.96 0.00	55.69 0.98 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.37 -0.26 -0.46	70.91 -0.14 -0.58	80.12 0.16 -0.67	75.72 0.45 0.00	70.69 1.05 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	48.64 1.19 0.00	46.02 1.04 0.00	41.00 0.88 0.00	39.08 0.84 0.00	39.10 0.84 0.00	40.31 0.91 0.00	44.51 1.09 0.00	48.23 1.04 0.00	51.47 1.20 0.00	54.65 1.28 0.00	55.83 1.36 0.00	56.51 1.38 0.00	58.84 1.38 0.00	61.40 1.44 0.00	63.88 1.49 0.00	66.93 1.76 0.00	72.23 1.76 0.00	81.34 2.06 0.00	77.22 1.95 0.00	71.52 1.88 0.00	65.93 1.61 0.00	62.92 1.42 0.00	53.89 1.36 0.00	47.62 1.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.30 2.85 0.00	47.77 2.79 0.00	42.37 2.25 0.00	40.30 2.06 0.00	40.33 2.07 0.00	41.61 2.21 0.00	46.03 2.61 0.00	49.70 2.50 0.00	52.68 2.41 0.00	55.98 2.62 0.00	57.14 2.67 0.00	58.04 2.76 -0.15	60.61 2.82 -0.33	63.27 2.82 -0.49	66.16 3.06 -0.72	70.11 4.04 -0.90	75.74 4.23 -1.05	85.21 4.92 -1.01	80.53 4.14 -1.13	73.56 3.41 -0.50	67.21 2.89 0.00	63.90 2.40 0.00	55.42 2.89 0.00	48.73 2.28 0.00
HARSNRAD_115KV_TB1 81005	46.74 -0.71 0.00	43.50 -1.48 0.00	39.60 -0.52 0.00	37.36 -0.88 0.00	37.53 -0.73 0.00	38.81 -0.59 0.00	41.82 -1.61 0.00	44.32 -2.88 0.00	48.31 -1.96 0.00	50.81 -2.56 0.00	52.57 -1.91 0.00	53.76 -1.38 0.00	56.66 -0.80 0.00	59.06 -0.90 0.00	61.63 -0.75 0.00	65.30 0.13 0.00	71.73 1.27 0.00	79.84 0.56 0.00	77.37 2.11 0.00	71.87 2.23 0.00	64.51 0.19 0.00	60.89 -0.62 0.00	53.21 0.68 0.00	47.57 1.11 0.00
HARZA MOOSE___RIVER 24016	49.02 1.57 0.00	46.29 1.30 0.00	41.32 1.20 0.00	39.38 1.15 0.00	39.41 1.15 0.00	40.66 1.26 0.00	44.92 1.43 -0.06	48.71 1.42 -0.10	52.08 1.71 -0.11	55.08 1.71 0.00	56.49 1.85 -0.16	57.20 1.82 -0.25	59.38 1.72 -0.19	62.10 1.86 -0.29	64.43 1.81 -0.24	67.38 1.89 -0.32	73.06 2.18 -0.41	82.45 2.70 -0.47	78.13 2.86 0.00	72.85 3.20 0.00	67.09 2.77 0.00	64.02 2.52 0.00	54.52 2.00 0.00	48.08 1.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.22 -0.24 0.00	44.40 -0.58 0.00	39.80 -0.32 0.00	37.85 -0.38 0.00	37.92 -0.34 0.00	39.01 -0.39 0.00	42.90 -0.52 0.00	46.44 -0.76 0.00	49.66 -0.60 0.00	52.73 -0.64 0.00	53.98 -0.49 0.00	54.86 -0.28 0.00	57.35 -0.11 0.00	59.84 -0.12 0.00	62.26 -0.12 0.00	65.49 0.33 0.00	70.82 0.35 0.00	79.52 0.24 0.00	75.79 0.53 0.00	70.13 0.49 0.00	64.45 0.13 0.00	61.44 -0.06 0.00	52.58 0.05 0.00	46.50 0.05 0.00
HELLGATE_13_KV_LD 55870	51.21 3.75 0.00	48.81 3.82 0.00	43.25 3.13 0.00	41.18 2.94 0.00	41.17 2.91 0.00	42.44 3.03 0.00	47.07 3.65 0.00	50.69 3.49 0.00	53.48 3.22 0.00	56.84 3.47 0.00	58.01 3.54 0.00	58.84 3.53 -0.17	61.12 3.28 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.81	70.88 4.69 -1.03	76.66 5.00 -1.19	86.06 5.63 -1.14	81.06 4.52 -1.28	73.90 3.69 -0.56	67.40 3.09 0.01	63.95 2.46 0.01	56.10 3.57 0.00	49.85 3.39 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.21 3.75 0.00	48.81 3.82 0.00	43.25 3.13 0.00	41.18 2.94 0.00	41.17 2.91 0.00	42.44 3.03 0.00	47.07 3.65 0.00	50.69 3.49 0.00	53.48 3.22 0.00	56.84 3.47 0.00	58.01 3.54 0.00	58.84 3.53 -0.17	61.12 3.28 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.81	70.88 4.69 -1.03	76.66 5.00 -1.19	86.06 5.63 -1.14	81.06 4.52 -1.28	73.90 3.69 -0.56	67.40 3.09 0.01	63.95 2.46 0.01	56.10 3.57 0.00	49.85 3.39 0.00
HEMPSTEAD____ 23647	50.92 3.46 0.00	48.82 3.82 -0.01	46.16 3.17 -2.87	46.46 2.98 -5.24	46.26 2.95 -5.05	44.41 3.11 -1.90	47.08 3.65 -0.01	49.74 2.55 0.00	52.58 2.31 0.00	56.04 2.67 0.00	57.68 3.21 0.00	58.73 3.42 -0.17	61.29 3.45 -0.38	64.24 3.72 -0.56	67.26 4.05 -0.83	71.35 5.15 -1.04	77.10 5.43 -1.20	86.86 6.42 -1.15	81.38 4.82 -1.29	74.25 4.04 -0.57	67.47 3.15 0.00	64.20 2.70 0.00	55.80 3.26 -0.01	48.87 2.41 0.00
HICKLING___1 23621	48.45 1.00 0.00	45.30 0.31 0.00	40.80 0.68 0.00	38.66 0.42 0.00	38.91 0.65 0.00	40.07 0.67 0.00	43.73 0.30 0.00	46.96 -0.24 0.00	50.47 0.20 0.00	53.53 0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.84 1.38 0.00	61.46 1.50 0.00	64.00 1.62 0.00	67.71 2.54 0.00	73.92 3.45 0.00	82.70 3.41 0.00	79.71 4.44 0.00	73.89 4.25 0.00	67.21 2.89 0.00	63.72 2.21 0.00	54.89 2.36 0.00	48.59 2.14 0.00
HICKLING___2 23622	48.45 1.00 0.00	45.30 0.31 0.00	40.80 0.68 0.00	38.66 0.42 0.00	38.91 0.65 0.00	40.07 0.67 0.00	43.73 0.30 0.00	46.96 -0.24 0.00	50.47 0.20 0.00	53.53 0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.84 1.38 0.00	61.46 1.50 0.00	64.00 1.62 0.00	67.71 2.54 0.00	73.92 3.45 0.00	82.70 3.41 0.00	79.71 4.44 0.00	73.89 4.25 0.00	67.21 2.89 0.00	63.72 2.21 0.00	54.89 2.36 0.00	48.59 2.14 0.00
HIGH FALLS___HY 23754	50.63 3.18 0.00	48.04 3.06 0.00	42.65 2.53 0.00	40.57 2.33 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.29 2.87 0.00	49.93 2.74 0.00	52.88 2.61 0.00	56.20 2.83 0.00	57.30 2.83 -0.09	58.10 2.87 -0.20	60.71 3.05 1.26	61.94 3.24 1.26	64.55 3.43 1.35	68.32 4.50 1.58	73.61 4.72 2.19	82.65 5.55 1.82	78.19 4.74 1.82	73.99 4.04 -0.31	67.85 3.54 0.00	64.51 3.01 0.00	55.89 3.36 0.00	49.10 2.65 0.00
HIGH_RIVER___SOLAR 323847	49.69 2.23 0.00	47.10 2.11 0.00	41.85 1.72 0.00	39.88 1.64 0.00	39.94 1.68 0.00	41.17 1.77 0.00	45.42 2.00 0.00	48.89 1.70 0.00	51.92 1.66 0.00	55.02 1.66 0.00	56.05 1.58 0.00	56.46 1.43 0.11	58.71 1.49 0.24	61.10 1.50 0.36	63.41 1.56 0.53	66.46 1.95 0.66	71.61 1.90 0.76	81.32 2.77 0.74	77.38 2.93 0.82	72.34 3.06 0.37	67.22 2.90 0.00	64.27 2.77 0.00	55.10 2.57 0.00	48.50 2.04 0.00
HILLBURN___GT 23639	50.21 2.75 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.29 2.03 0.00	41.57 2.17 0.00	46.03 2.61 0.00	49.60 2.41 0.00	52.63 2.36 0.00	56.04 2.67 0.00	57.14 2.67 0.00	57.99 2.70 -0.16	60.57 2.76 -0.34	63.28 2.82 -0.50	66.18 3.06 -0.74	70.14 4.04 -0.93	75.84 4.30 -1.08	85.56 5.23 -1.04	80.49 4.06 -1.16	73.50 3.34 -0.52	67.15 2.83 0.00	63.71 2.21 0.00	55.31 2.78 0.00	48.60 2.14 0.00
HILLSIDE_115KV_TB1 80332	47.69 0.24 0.00	44.67 -0.31 0.00	40.20 0.08 0.00	38.08 -0.15 0.00	38.34 0.08 0.00	39.48 0.08 0.00	43.16 -0.26 0.00	46.35 -0.85 0.00	49.81 -0.45 0.00	52.83 -0.53 0.00	54.20 -0.27 0.00	55.30 0.17 0.00	57.98 0.52 0.00	60.56 0.60 0.00	63.07 0.69 0.00	66.66 1.50 0.00	72.72 2.25 0.00	81.43 2.14 0.00	78.35 3.09 0.00	72.64 2.99 0.00	66.12 1.80 0.00	62.67 1.17 0.00	54.00 1.47 0.00	47.76 1.30 0.00

HISHELDN_WT_PWR 323625	47.50 0.05 0.00	44.26 -0.72 0.00	40.16 0.04 0.00	37.93 -0.31 0.00	38.26 0.00 0.00	39.40 0.00 0.00	42.64 -0.78 0.00	45.54 -1.65 0.00	49.36 -0.90 0.00	51.98 -1.39 0.00	53.66 -0.82 0.00	54.64 -0.50 0.00	57.47 0.00 0.00	60.02 0.06 0.00	62.57 0.19 0.00	66.27 1.11 0.00	72.86 2.40 0.00	81.50 2.22 0.00	78.50 3.23 0.00	73.05 3.41 0.00	66.06 1.74 0.00	62.24 0.74 0.00	54.10 1.57 0.00	48.83 2.37 0.00
HOLTSVILLE_IC_1 23690	59.27 3.80 -8.02	49.44 4.36 -0.09	47.00 4.01 -2.87	47.26 3.79 -5.24	47.10 3.79 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.58 2.36 0.05	55.78 2.72 0.31	57.85 3.38 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	253.05 6.74 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
HOLTSVILLE_IC_10 23699	60.12 4.13 -8.54	49.77 4.68 -0.10	47.28 4.30 -2.87	47.53 4.05 -5.24	47.33 4.02 -5.05	45.48 4.17 -1.90	48.12 4.69 -0.01	50.27 3.07 -0.01	52.92 2.71 0.06	56.07 3.09 0.39	58.29 3.81 -0.01	75.13 4.08 -15.91	63.18 4.25 -1.46	68.38 4.50 -3.92	68.22 4.87 -0.97	78.59 6.06 -7.37	210.14 6.34 -133.33	266.73 7.37 -180.07	316.15 5.80 -235.08	244.37 4.87 -169.85	198.13 3.92 -129.89	81.59 3.57 -16.53	55.57 3.83 0.79	52.58 2.93 -3.19
HOLTSVILLE_IC_2 23691	59.27 3.80 -8.02	49.44 4.36 -0.09	47.00 4.01 -2.87	47.26 3.79 -5.24	47.10 3.79 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.58 2.36 0.05	55.78 2.72 0.31	57.85 3.38 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	253.05 6.74 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
HOLTSVILLE_IC_3 23692	59.27 3.80 -8.02	49.44 4.36 -0.09	47.00 4.01 -2.87	47.26 3.79 -5.24	47.10 3.79 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.58 2.36 0.05	55.78 2.72 0.31	57.85 3.38 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	253.05 6.74 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
HOLTSVILLE_IC_4 23693	59.27 3.80 -8.02	49.44 4.36 -0.09	47.00 4.01 -2.87	47.26 3.79 -5.24	47.10 3.79 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.58 2.36 0.05	55.78 2.72 0.31	57.85 3.38 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	253.05 6.74 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
HOLTSVILLE_IC_5 23694	59.27 3.80 -8.02	49.44 4.36 -0.09	47.00 4.01 -2.87	47.26 3.79 -5.24	47.10 3.79 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.58 2.36 0.05	55.78 2.72 0.31	57.85 3.38 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	253.05 6.74 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
HOLTSVILLE_IC_6 23695	60.12 4.13 -8.54	49.77 4.68 -0.10	47.28 4.30 -2.87	47.53 4.05 -5.24	47.33 4.02 -5.05	45.48 4.17 -1.90	48.12 4.69 -0.01	50.27 3.07 -0.01	52.92 2.71 0.06	56.07 3.09 0.39	58.29 3.81 -0.01	75.13 4.08 -15.91	63.18 4.25 -1.46	68.38 4.50 -3.92	68.22 4.87 -0.97	78.59 6.06 -7.37	210.14 6.34 -133.33	266.73 7.37 -180.07	316.15 5.80 -235.08	244.37 4.87 -169.85	198.13 3.92 -129.89	81.59 3.57 -16.53	55.57 3.83 0.79	52.58 2.93 -3.19
HOLTSVILLE_IC_7 23696	60.12 4.13 -8.54	49.77 4.68 -0.10	47.28 4.30 -2.87	47.53 4.05 -5.24	47.33 4.02 -5.05	45.48 4.17 -1.90	48.12 4.69 -0.01	50.27 3.07 -0.01	52.92 2.71 0.06	56.07 3.09 0.39	58.29 3.81 -0.01	75.13 4.08 -15.91	63.18 4.25 -1.46	68.38 4.50 -3.92	68.22 4.87 -0.97	78.59 6.06 -7.37	210.14 6.34 -133.33	266.73 7.37 -180.07	316.15 5.80 -235.08	244.37 4.87 -169.85	198.13 3.92 -129.89	81.59 3.57 -16.53	55.57 3.83 0.79	52.58 2.93 -3.19
HOLTSVILLE_IC_8 23697	60.12 4.13 -8.54	49.77 4.68 -0.10	47.28 4.30 -2.87	47.53 4.05 -5.24	47.33 4.02 -5.05	45.48 4.17 -1.90	48.12 4.69 -0.01	50.27 3.07 -0.01	52.92 2.71 0.06	56.07 3.09 0.39	58.29 3.81 -0.01	75.13 4.08 -15.91	63.18 4.25 -1.46	68.38 4.50 -3.92	68.22 4.87 -0.97	78.59 6.06 -7.37	210.14 6.34 -133.33	266.73 7.37 -180.07	316.15 5.80 -235.08	244.37 4.87 -169.85	198.13 3.92 -129.89	81.59 3.57 -16.53	55.57 3.83 0.79	52.58 2.93 -3.19
HOLTSVILLE_IC_9 23698	60.12 4.13 -8.54	49.77 4.68 -0.10	47.28 4.30 -2.87	47.53 4.05 -5.24	47.33 4.02 -5.05	45.48 4.17 -1.90	48.12 4.69 -0.01	50.27 3.07 -0.01	52.92 2.71 0.06	56.07 3.09 0.39	58.29 3.81 -0.01	75.13 4.08 -15.91	63.18 4.25 -1.46	68.38 4.50 -3.92	68.22 4.87 -0.97	78.59 6.06 -7.37	210.14 6.34 -133.33	266.73 7.37 -180.07	316.15 5.80 -235.08	244.37 4.87 -169.85	198.13 3.92 -129.89	81.59 3.57 -16.53	55.57 3.83 0.79	52.58 2.93 -3.19
HOMER_HL_115KV_TB2 355744	47.27 -0.19 0.00	43.95 -1.03 0.00	39.72 -0.40 0.00	37.62 -0.61 0.00	37.96 -0.31 0.00	39.20 -0.20 0.00	42.51 -0.91 0.00	45.40 -1.79 0.00	49.36 -0.90 0.00	51.55 -1.81 0.00	52.62 -1.85 0.00	53.87 -1.27 0.00	56.78 -0.69 0.00	59.42 -0.54 0.00	62.01 -0.37 0.00	65.82 0.65 0.00	72.51 2.04 0.00	80.63 1.35 0.00	78.43 3.16 0.00	72.78 3.13 0.00	65.28 0.96 0.00	61.50 0.00 0.00	53.58 1.05 0.00	47.85 1.39 0.00
HOWARD_WT_PWR 323690	48.83 1.38 0.00	45.53 0.54 0.00	41.16 1.04 0.00	38.88 0.65 0.00	39.22 0.96 0.00	40.42 1.02 0.00	43.95 0.52 0.00	47.10 -0.09 0.00	50.67 0.40 0.00	53.37 0.00 0.00	54.86 0.38 0.00	55.85 0.71 0.00	58.73 1.26 0.00	61.28 1.32 0.00	63.88 1.49 0.00	67.64 2.48 0.00	74.27 3.80 0.00	83.41 4.12 0.00	80.31 5.04 0.00	74.80 5.15 0.00	68.11 3.79 0.00	64.27 2.77 0.00	55.47 2.94 0.00	49.80 3.35 0.00
HQ_GEN_CEDARS 23644	47.31 -0.14 0.00	45.03 0.04 0.00	40.20 0.08 0.00	38.31 0.08 0.00	38.38 0.11 0.00	39.52 0.12 0.00	43.51 0.09 0.00	47.71 0.52 0.00	50.77 0.50 0.00	53.90 0.53 0.00	54.91 0.44 0.00	55.19 0.06 0.00	57.52 0.06 0.00	60.20 0.24 0.00	62.38 0.00 0.00	64.12 -1.04 0.00	69.41 -1.06 0.00	78.33 -0.95 0.00	74.29 -0.98 0.00	69.02 -0.63 0.00	64.26 -0.06 0.00	61.75 0.25 0.00	52.26 -0.26 0.00	46.36 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	47.31 -0.14 0.00	45.03 0.05 0.00	40.20 0.08 0.00	38.31 0.08 0.00	38.38 0.12 0.00	39.52 0.12 0.00	43.51 0.09 0.00	47.76 0.57 0.00	50.77 0.50 0.00	53.79 0.42 0.00	54.75 0.27 0.00	55.19 0.06 0.00	57.52 0.06 0.00	60.20 0.24 0.00	62.38 0.00 0.00	64.12 -1.05 0.00	69.41 -1.06 0.00	78.10 -1.19 0.00	74.29 -0.98 0.00	69.01 -0.63 0.00	64.19 -0.13 0.00	61.75 0.25 0.00	53.29 -0.26 -1.03	45.29 -0.14 1.03

HQ_GEN_IMPORT 323601	46.89 -0.57 0.00	44.58 -0.41 0.00	39.76 -0.36 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	43.03 -0.39 0.00	47.10 -0.09 0.00	50.12 -0.15 0.00	53.16 -0.21 0.00	54.20 -0.27 0.00	54.86 -0.27 0.00	57.12 -0.34 0.00	59.66 -0.31 0.00	62.07 -0.31 0.00	64.12 -1.05 0.00	69.48 -0.99 0.00	78.01 -1.27 0.00	74.21 -1.05 0.00	68.73 -0.91 0.00	63.74 -0.58 0.00	63.74 -0.25 -2.48	50.39 -0.68 1.46	44.88 -0.56 1.03
HQ_GEN_WHEEL 23651	46.89 -0.57 0.00	44.58 -0.41 0.00	39.76 -0.36 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	43.03 -0.39 0.00	47.10 -0.09 0.00	50.12 -0.15 0.00	53.16 -0.21 0.00	54.20 -0.27 0.00	54.86 -0.27 0.00	57.12 -0.34 0.00	59.66 -0.30 0.00	62.07 -0.31 0.00	64.12 -1.05 0.00	69.48 -0.99 0.00	78.01 -1.27 0.00	74.21 -1.05 0.00	68.73 -0.91 0.00	63.74 -0.58 0.00	63.74 -0.25 -2.48	50.39 -0.68 1.46	44.88 -0.56 1.03
HUDSON AVE_GT_3 23810	50.97 3.51 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.48 3.22 0.00	56.78 3.42 0.00	57.85 3.38 0.00	58.73 3.42 -0.17	61.18 3.33 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.81 5.14 -1.20	86.22 5.79 -1.15	81.15 4.59 -1.29	74.05 3.83 -0.57	67.47 3.15 0.00	64.02 2.52 0.00	55.84 3.31 0.00	49.43 2.97 0.00
HUDSON AVE_GT_4 23540	50.97 3.51 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.48 3.22 0.00	56.78 3.42 0.00	57.85 3.38 0.00	58.73 3.42 -0.17	61.18 3.33 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.81 5.14 -1.20	86.22 5.79 -1.15	81.15 4.59 -1.29	74.05 3.83 -0.57	67.47 3.15 0.00	64.02 2.52 0.00	55.84 3.31 0.00	49.43 2.97 0.00
HUDSON AVE_GT_5 23657	50.97 3.51 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.72 3.30 0.00	50.45 3.26 0.00	53.48 3.22 0.00	56.78 3.42 0.00	57.85 3.38 0.00	58.73 3.42 -0.17	61.18 3.33 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.81 5.14 -1.20	86.22 5.79 -1.15	81.15 4.59 -1.29	74.05 3.83 -0.57	67.47 3.15 0.00	64.02 2.52 0.00	55.84 3.31 0.00	49.43 2.97 0.00
HUDSON_AVE_10 24168	50.82 3.37 0.00	48.40 3.42 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.64 3.21 0.00	50.36 3.16 0.00	53.38 3.12 0.00	56.68 3.31 0.00	57.69 3.21 0.00	58.51 3.20 -0.17	60.95 3.10 -0.38	63.64 3.12 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	86.10 5.47 -1.34	80.99 4.37 -1.36	73.77 3.55 -0.57	67.28 2.96 0.00	63.78 2.28 0.00	55.73 3.20 0.00	49.34 2.88 0.00
HUDSON___115KV_TB 4 355613	49.16 1.71 0.00	46.65 1.66 0.00	41.40 1.28 0.00	39.42 1.19 0.00	39.45 1.19 0.00	40.66 1.26 0.00	44.90 1.48 0.00	48.42 1.23 0.00	51.42 1.16 0.00	54.44 1.07 0.00	55.34 0.87 0.00	56.09 1.05 0.09	58.07 0.80 0.20	54.28 0.48 6.16	56.03 0.50 6.85	58.37 0.91 7.71	62.38 0.92 9.00	69.46 1.35 11.17	66.40 1.28 10.14	70.52 1.18 0.30	65.21 0.90 0.02	62.49 0.98 0.00	53.68 1.16 0.00	47.51 1.07 0.02
HUNTER MOUNT___DRP 323613	49.45 1.99 0.00	46.87 1.89 0.00	41.61 1.48 0.00	39.61 1.38 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.07 1.65 0.00	48.56 1.37 0.00	51.52 1.26 0.00	54.54 1.17 0.00	55.40 0.93 0.00	56.46 1.38 0.06	58.37 1.03 0.13	51.83 0.60 8.72	53.40 0.62 9.61	55.44 1.04 10.77	58.94 1.06 12.58	65.12 1.59 15.75	62.65 1.58 14.20	70.98 1.53 0.19	65.39 1.09 0.02	62.61 1.11 0.00	53.74 1.21 0.00	47.50 1.07 0.02
HUNTINGTON_RES_REC 323705	64.58 3.46 -13.66	49.06 4.14 0.06	46.60 3.61 -2.87	46.88 3.40 -5.24	46.71 3.40 -5.05	44.85 3.55 -1.90	47.38 3.95 -0.01	49.40 2.22 0.02	52.03 1.91 0.14	54.54 2.24 1.07	57.12 2.99 0.35	58.27 3.20 0.06	63.32 3.39 -2.46	71.53 3.66 -7.92	67.03 4.05 -0.59	78.59 5.22 -8.21	387.31 5.43 -311.42	507.57 6.50 -421.79	630.70 4.82 -550.61	471.86 3.97 -398.25	372.38 2.96 -305.10	102.58 2.52 -38.56	52.76 3.05 2.82	56.04 2.14 -7.44
HUNTLEY___63 23557	47.17 -0.28 0.00	43.91 -1.08 0.00	39.92 -0.20 0.00	37.70 -0.54 0.00	38.11 -0.15 0.00	39.16 -0.24 0.00	42.25 -1.17 0.00	44.84 -2.36 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.33 -1.14 0.00	54.53 -0.61 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.28 0.96 0.00	61.75 0.25 0.00	53.89 1.37 0.00	48.18 1.72 0.00
HUNTLEY___64 23558	47.17 -0.28 0.00	43.91 -1.08 0.00	39.92 -0.20 0.00	37.70 -0.54 0.00	38.11 -0.15 0.00	39.16 -0.24 0.00	42.25 -1.17 0.00	44.84 -2.36 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.33 -1.14 0.00	54.53 -0.61 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.28 0.96 0.00	61.75 0.25 0.00	53.89 1.37 0.00	48.18 1.72 0.00
HUNTLEY___65 23559	47.17 -0.28 0.00	43.91 -1.08 0.00	39.92 -0.20 0.00	37.70 -0.54 0.00	38.11 -0.15 0.00	39.16 -0.24 0.00	42.25 -1.17 0.00	44.84 -2.36 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.33 -1.14 0.00	54.53 -0.61 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.28 0.96 0.00	61.75 0.25 0.00	53.89 1.37 0.00	48.18 1.72 0.00
HUNTLEY___66 23560	47.17 -0.28 0.00	43.91 -1.08 0.00	39.92 -0.20 0.00	37.70 -0.54 0.00	38.11 -0.15 0.00	39.16 -0.24 0.00	42.25 -1.17 0.00	44.84 -2.36 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.33 -1.14 0.00	54.53 -0.61 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.28 0.96 0.00	61.75 0.25 0.00	53.89 1.37 0.00	48.18 1.72 0.00
HUNTLEY___67 23561	46.93 -0.52 0.00	43.68 -1.30 0.00	39.76 -0.36 0.00	37.51 -0.73 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.12 -1.30 0.00	44.74 -2.45 0.00	48.81 -1.46 0.00	51.34 -2.03 0.00	53.06 -1.42 0.00	54.25 -0.88 0.00	57.12 -0.34 0.00	59.60 -0.36 0.00	62.19 -0.19 0.00	65.95 0.78 0.00	72.44 1.97 0.00	80.55 1.27 0.00	78.05 2.78 0.00	72.43 2.79 0.00	65.09 0.77 0.00	61.38 -0.12 0.00	53.58 1.05 0.00	47.85 1.39 0.00
HUNTLEY___68 23562	46.93 -0.52 0.00	43.68 -1.30 0.00	39.76 -0.36 0.00	37.51 -0.73 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.12 -1.30 0.00	44.74 -2.45 0.00	48.81 -1.46 0.00	51.34 -2.03 0.00	53.06 -1.42 0.00	54.25 -0.88 0.00	57.12 -0.34 0.00	59.60 -0.36 0.00	62.19 -0.19 0.00	65.95 0.78 0.00	72.44 1.97 0.00	80.55 1.27 0.00	78.05 2.78 0.00	72.43 2.79 0.00	65.09 0.77 0.00	61.38 -0.12 0.00	53.58 1.05 0.00	47.85 1.39 0.00

HYLAND___LFGE 323620	50.54 3.08 0.00	47.10 2.11 0.00	42.57 2.45 0.00	40.18 1.95 0.00	40.52 2.26 0.00	41.76 2.36 0.00	45.33 1.91 0.00	48.28 1.09 0.00	51.32 1.06 0.00	51.93 -1.44 0.00	53.11 -1.36 0.00	53.92 -1.21 0.00	56.61 -0.86 0.00	58.94 -1.02 0.00	61.45 -0.93 0.00	66.01 0.84 0.00	72.79 2.32 0.00	82.14 2.85 0.00	79.71 4.44 0.00	75.42 5.78 0.00	69.21 4.89 0.00	65.38 3.88 0.00	56.26 3.73 0.00	51.66 5.20 0.00
INDECK___CORINTH 23802	50.87 3.42 0.00	48.23 3.24 0.00	42.69 2.57 0.00	40.68 2.45 0.00	40.71 2.45 0.00	42.00 2.60 0.00	46.42 2.99 0.00	50.12 2.93 0.00	53.49 3.22 0.00	56.68 3.31 0.00	57.19 2.72 0.00	57.63 2.65 0.15	59.90 2.76 0.32	62.18 2.70 0.48	64.36 2.68 0.70	67.47 3.19 0.89	72.97 3.52 1.02	82.58 4.28 0.98	78.99 4.82 1.10	73.89 4.74 0.49	68.95 4.63 0.00	66.12 4.61 0.00	56.52 3.99 0.00	49.62 3.16 0.00
INDECK___ILION 23567	48.31 0.85 0.00	45.75 0.76 0.00	40.72 0.60 0.00	38.81 0.57 0.00	38.87 0.61 0.00	40.03 0.63 0.00	44.20 0.78 0.00	47.90 0.71 0.00	51.07 0.80 0.00	54.22 0.85 0.00	55.34 0.87 0.00	56.07 0.94 0.00	58.38 0.92 0.00	60.92 0.96 0.00	63.38 1.00 0.00	66.40 1.24 0.00	71.73 1.27 0.00	80.71 1.43 0.00	76.62 1.35 0.00	70.97 1.32 0.00	65.41 1.09 0.00	62.49 0.98 0.00	53.47 0.95 0.00	47.25 0.79 0.00
INDECK___OLEAN 23982	47.27 -0.19 0.00	43.95 -1.03 0.00	39.80 -0.32 0.00	37.62 -0.61 0.00	38.00 -0.27 0.00	39.20 -0.20 0.00	42.51 -0.91 0.00	45.59 -1.60 0.00	49.51 -0.75 0.00	51.77 -1.60 0.00	53.44 -1.04 0.00	53.92 -1.21 0.00	56.78 -0.69 0.00	59.42 -0.54 0.00	62.01 -0.37 0.00	65.82 0.65 0.00	72.51 2.04 0.00	81.43 2.14 0.00	78.43 3.16 0.00	72.78 3.14 0.00	65.54 1.22 0.00	61.50 0.00 0.00	53.58 1.05 0.00	48.36 1.91 0.00
INDECK___OSWEGO 23783	46.60 -0.85 0.00	43.95 -1.03 0.00	39.44 -0.68 0.00	37.51 -0.73 0.00	37.53 -0.73 0.00	38.65 -0.75 0.00	43.31 -0.91 -0.80	47.30 -1.13 -1.24	50.18 -1.46 -1.37	51.82 -1.55 0.00	55.04 -1.47 -2.04	56.83 -1.43 -3.13	58.42 -1.38 -2.34	62.06 -1.50 -3.59	63.84 -1.56 -3.01	67.90 -1.30 -4.04	74.25 -1.34 -5.12	83.66 -1.51 -5.89	74.06 -1.21 0.00	68.60 -1.04 0.00	63.10 -1.22 0.00	60.15 -1.35 0.00	51.58 -0.94 0.00	46.04 -0.42 0.00
INDECK___YERKES 23781	47.27 -0.19 0.00	43.95 -1.03 0.00	40.04 -0.08 0.00	37.74 -0.50 0.00	38.07 -0.19 0.00	39.20 -0.20 0.00	42.29 -1.13 0.00	45.12 -2.08 0.00	49.26 -1.00 0.00	51.77 -1.60 0.00	53.55 -0.93 0.00	54.64 -0.50 0.00	57.58 0.12 0.00	60.14 0.18 0.00	62.69 0.31 0.00	66.34 1.17 0.00	72.86 2.40 0.00	81.43 2.14 0.00	78.50 3.23 0.00	72.78 3.14 0.00	65.73 1.41 0.00	61.81 0.31 0.00	53.95 1.42 0.00	48.92 2.46 0.00
INDIAN POINT_GT_1 24139	50.21 2.75 0.00	47.77 2.79 0.00	42.33 2.21 0.00	40.34 2.10 0.00	40.33 2.07 0.00	41.61 2.21 0.00	46.07 2.65 0.00	49.74 2.55 0.00	52.68 2.41 0.00	55.98 2.62 0.00	57.14 2.67 0.00	58.01 2.70 -0.17	60.54 2.76 -0.37	63.27 2.76 -0.55	66.24 3.06 -0.81	70.29 4.11 -1.02	75.87 4.23 -1.17	85.25 4.84 -1.13	80.45 3.91 -1.26	73.41 3.20 -0.56	66.96 2.64 0.00	63.59 2.09 0.00	55.26 2.73 0.00	48.73 2.28 0.00
INDIAN POINT_GT_2 23659	50.21 2.75 0.00	47.77 2.79 0.00	42.33 2.21 0.00	40.34 2.10 0.00	40.33 2.07 0.00	41.61 2.21 0.00	46.07 2.65 0.00	49.74 2.55 0.00	52.68 2.41 0.00	55.98 2.62 0.00	57.14 2.67 0.00	58.01 2.70 -0.17	60.54 2.76 -0.37	63.27 2.76 -0.55	66.24 3.06 -0.81	70.29 4.11 -1.02	75.87 4.23 -1.17	85.25 4.84 -1.13	80.45 3.91 -1.26	73.41 3.20 -0.56	66.96 2.64 0.00	63.59 2.09 0.00	55.26 2.73 0.00	48.73 2.28 0.00
INDIAN POINT_GT_3 24019	50.21 2.75 0.00	47.77 2.79 0.00	42.33 2.21 0.00	40.34 2.10 0.00	40.33 2.07 0.00	41.61 2.21 0.00	46.07 2.65 0.00	49.74 2.55 0.00	52.68 2.41 0.00	55.98 2.62 0.00	57.14 2.67 0.00	58.01 2.70 -0.17	60.54 2.76 -0.37	63.27 2.76 -0.55	66.24 3.06 -0.81	70.29 4.11 -1.02	75.87 4.23 -1.17	85.25 4.84 -1.13	80.45 3.91 -1.26	73.41 3.20 -0.56	66.96 2.64 0.00	63.59 2.09 0.00	55.26 2.73 0.00	48.73 2.28 0.00
INDIAN POINT___2 23530	50.16 2.70 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.29 2.03 0.00	41.53 2.13 0.00	46.03 2.61 0.00	49.55 2.36 0.00	52.58 2.31 0.00	55.98 2.61 0.00	57.09 2.61 0.00	57.95 2.65 -0.16	60.41 2.59 -0.36	63.19 2.70 -0.53	66.10 2.93 -0.78	70.12 3.98 -0.98	75.76 4.16 -1.14	85.46 5.08 -1.09	80.33 3.84 -1.23	73.32 3.14 -0.54	66.96 2.64 0.00	63.53 2.03 0.00	55.20 2.68 0.00	48.55 2.09 0.00
INDIAN POINT___3 23531	50.16 2.70 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.29 2.03 0.00	41.53 2.13 0.00	45.98 2.56 0.00	49.65 2.45 0.00	52.63 2.36 0.00	55.88 2.51 0.00	57.03 2.56 0.00	57.90 2.59 -0.17	60.42 2.59 -0.37	63.15 2.64 -0.55	66.12 2.93 -0.81	70.09 3.91 -1.02	75.73 4.09 -1.17	85.09 4.68 -1.13	80.30 3.76 -1.27	73.27 3.06 -0.56	66.83 2.51 0.00	63.53 2.03 0.00	55.15 2.63 0.00	48.64 2.18 0.00
INGHAM_C_115KV_TB7 356103	48.83 1.38 0.00	46.20 1.21 0.00	41.12 1.00 0.00	39.19 0.96 0.00	39.26 0.99 0.00	40.46 1.06 0.00	44.64 1.22 0.00	48.38 1.18 0.00	51.62 1.36 0.00	54.81 1.44 0.00	55.94 1.47 0.00	56.68 1.54 0.00	59.02 1.55 0.00	61.58 1.62 0.00	64.13 1.75 0.00	67.12 1.95 0.00	72.44 1.97 0.00	81.51 2.22 0.00	77.45 2.18 0.00	71.73 2.09 0.00	66.12 1.80 0.00	63.16 1.66 0.00	54.10 1.58 0.00	47.76 1.30 0.00
IP CORINTH___1 23988	50.87 3.42 0.00	48.22 3.24 0.00	42.69 2.57 0.00	40.68 2.45 0.00	40.71 2.45 0.00	42.00 2.60 0.00	46.42 3.00 0.00	50.17 2.97 0.00	53.53 3.27 0.00	56.68 3.31 0.00	57.20 2.72 0.00	57.63 2.65 0.15	59.90 2.76 0.32	62.18 2.70 0.48	64.36 2.68 0.70	67.47 3.19 0.89	72.97 3.52 1.02	82.42 4.12 0.98	78.98 4.82 1.10	73.89 4.74 0.49	68.89 4.57 0.00	66.11 4.61 0.00	56.52 3.99 0.00	49.66 3.21 0.00
IP___TICONDEROGA 23804	52.06 4.60 0.00	49.26 4.27 0.00	43.53 3.41 0.00	41.41 3.17 0.00	41.48 3.21 0.00	42.83 3.43 0.00	47.37 3.95 0.00	51.11 3.92 0.00	54.59 4.32 0.00	57.69 4.32 0.00	58.12 3.65 0.00	58.57 3.58 0.15	60.98 3.85 0.33	63.31 3.84 0.49	65.34 3.68 0.72	68.49 4.24 0.91	74.21 4.79 1.05	83.98 5.71 1.01	80.61 6.47 1.13	75.82 6.69 0.50	70.75 6.43 0.00	68.27 6.77 0.00	58.15 5.62 0.00	50.87 4.41 0.00
ISLIP_RES_REC 323679	60.36 4.51 -8.40	50.12 5.04 -0.09	47.56 4.57 -2.87	47.76 4.28 -5.24	47.59 4.28 -5.05	45.75 4.45 -1.90	48.42 4.99 -0.01	50.61 3.40 -0.01	53.32 3.12 0.07	56.50 3.52 0.39	58.78 4.30 -0.01	77.77 4.57 -18.06	63.66 4.83 -1.36	68.73 5.16 -3.62	68.89 5.55 -0.96	78.42 6.71 -6.54	199.08 7.11 -121.50	251.56 8.25 -164.03	295.96 6.55 -214.15	229.89 5.57 -154.68	187.12 4.57 -118.23	80.52 4.06 -14.96	56.06 4.25 0.72	52.64 3.30 -2.89

JAMAICA__27_KV_LOAD 355505	51.25 3.80 0.00	48.76 3.78 0.00	43.13 3.01 0.00	41.06 2.83 0.00	41.02 2.75 0.00	42.32 2.92 0.00	46.94 3.52 0.00	50.83 3.63 0.00	53.89 3.62 0.00	57.21 3.84 0.00	58.01 3.54 0.00	58.89 3.58 -0.17	61.29 3.45 -0.38	64.00 3.48 -0.56	66.95 3.74 -0.82	71.28 5.08 -1.03	77.09 5.43 -1.20	86.87 6.18 -1.40	81.61 4.97 -1.38	74.32 4.11 -0.57	67.86 3.54 0.00	64.21 2.71 0.00	56.36 3.83 0.00	49.80 3.34 0.00
JANIS__SOLAR 323808	50.11 2.66 0.00	47.06 2.07 0.00	42.17 2.05 0.00	40.07 1.84 0.00	40.17 1.91 0.00	41.45 2.05 0.00	45.46 2.04 0.00	48.99 1.79 0.00	52.28 2.01 0.00	55.23 1.87 0.00	56.38 1.91 0.00	57.23 2.09 0.00	59.88 2.41 0.00	62.72 2.76 0.00	65.25 2.87 0.00	68.75 3.58 0.00	74.69 4.23 0.00	84.68 5.39 0.00	81.14 5.87 0.00	75.63 5.99 0.00	69.40 5.08 0.00	65.93 4.43 0.00	56.26 3.73 0.00	49.71 3.25 0.00
JARVIS____ 23743	47.79 0.33 0.00	45.30 0.32 0.00	40.36 0.24 0.00	38.47 0.23 0.00	38.49 0.23 0.00	39.64 0.24 0.00	43.73 0.31 0.00	47.43 0.24 0.00	50.52 0.25 0.00	53.69 0.32 0.00	54.80 0.33 0.00	55.47 0.33 0.00	57.75 0.29 0.00	60.26 0.30 0.00	62.69 0.31 0.00	65.68 0.52 0.00	70.96 0.50 0.00	79.84 0.56 0.00	75.72 0.45 0.00	70.06 0.42 0.00	64.64 0.32 0.00	61.75 0.25 0.00	52.84 0.32 0.00	46.74 0.28 0.00
JENNISON____1 23625	50.35 2.89 0.00	47.37 2.38 0.00	42.37 2.25 0.00	40.34 2.10 0.00	40.40 2.14 0.00	41.69 2.29 0.00	45.85 2.43 0.00	49.41 2.22 0.00	52.93 2.66 0.00	56.14 2.78 0.00	57.41 2.94 0.00	58.39 3.25 0.00	61.03 3.56 0.00	63.86 3.90 0.00	66.37 3.99 0.00	69.86 4.69 0.00	75.75 5.28 0.00	85.31 6.03 0.00	81.51 6.25 0.00	75.91 6.27 0.00	69.47 5.15 0.00	65.99 4.49 0.00	56.41 3.89 0.00	49.66 3.21 0.00
JENNISON____2 23626	50.35 2.89 0.00	47.37 2.38 0.00	42.37 2.25 0.00	40.34 2.10 0.00	40.40 2.14 0.00	41.69 2.29 0.00	45.85 2.43 0.00	49.41 2.22 0.00	52.93 2.66 0.00	56.14 2.78 0.00	57.41 2.94 0.00	58.39 3.25 0.00	61.03 3.56 0.00	63.86 3.90 0.00	66.37 3.99 0.00	69.86 4.69 0.00	75.75 5.28 0.00	85.31 6.03 0.00	81.51 6.25 0.00	75.91 6.27 0.00	69.47 5.15 0.00	65.99 4.49 0.00	56.41 3.89 0.00	49.66 3.21 0.00
JERICOHO_RISE_WT_PWR 323719	46.79 -0.66 0.00	44.54 -0.45 0.00	39.68 -0.44 0.00	37.85 -0.38 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	42.99 -0.43 0.00	47.20 0.00 0.00	50.02 -0.25 0.00	52.83 -0.53 0.00	53.71 -0.76 0.00	54.31 -0.83 0.00	56.54 -0.92 0.00	59.12 -0.84 0.00	61.45 -0.93 0.00	63.21 -1.95 0.00	68.49 -1.97 0.00	76.98 -2.30 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.16 -1.16 0.00	60.77 -0.74 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00
KATONAH__115KV_46KV_TB4 355592	50.49 3.04 0.00	48.00 3.01 0.00	42.53 2.41 0.00	40.53 2.29 0.00	40.52 2.26 0.00	41.76 2.36 0.00	46.24 2.82 0.00	49.98 2.78 0.00	52.98 2.71 0.00	56.30 2.94 0.00	57.47 3.00 0.00	58.40 3.09 -0.17	61.01 3.16 -0.38	63.94 3.42 -0.56	66.95 3.74 -0.82	70.96 4.76 -1.04	76.53 4.86 -1.20	86.07 5.63 -1.15	81.07 4.52 -1.29	73.91 3.69 -0.57	67.34 3.02 0.00	64.08 2.58 0.00	55.57 3.05 0.00	48.97 2.51 0.00
KCE_NY_1 323755	50.30 2.85 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.33 2.06 0.00	41.57 2.17 0.00	45.94 2.52 0.00	49.55 2.36 0.00	52.83 2.56 0.00	55.98 2.61 0.00	56.81 2.34 0.00	57.24 2.26 0.16	59.48 2.36 0.34	61.85 2.40 0.51	64.06 2.43 0.75	67.23 3.00 0.94	72.56 3.17 1.08	82.13 3.88 1.04	77.93 3.84 1.17	72.81 3.69 0.52	67.79 3.47 0.00	64.88 3.38 0.00	55.63 3.10 0.00	48.96 2.51 0.00
KCE_NY_6_ESR 323823	47.55 0.10 0.00	44.26 -0.72 0.00	40.24 0.12 0.00	37.97 -0.27 0.00	38.30 0.04 0.00	39.44 0.04 0.00	42.64 -0.78 0.00	45.59 -1.60 0.00	49.67 -0.60 0.00	52.19 -1.17 0.00	53.98 -0.49 0.00	55.03 -0.11 0.00	57.92 0.46 0.00	60.56 0.60 0.00	63.13 0.75 0.00	66.99 1.82 0.00	73.64 3.17 0.00	82.37 3.09 0.00	79.33 4.06 0.00	73.54 3.90 0.00	66.32 2.00 0.00	62.36 0.86 0.00	54.36 1.84 0.00	49.10 2.65 0.00
KEDC_PORT_JEFF_GT2 24210	60.33 3.99 -8.89	49.64 4.54 -0.11	47.16 4.17 -2.87	47.38 3.90 -5.24	47.21 3.90 -5.05	45.36 4.06 -1.90	47.99 4.56 -0.01	50.09 2.88 -0.01	52.71 2.51 0.07	55.77 2.83 0.43	57.96 3.49 0.00	72.60 3.42 -14.05	62.61 3.56 -1.59	68.04 3.78 -4.30	67.55 4.18 -0.99	77.93 5.28 -7.49	224.51 5.50 -148.54	286.57 6.58 -200.71	342.25 4.97 -262.02	263.11 4.11 -189.36	212.33 3.15 -144.85	82.78 2.83 -18.45	55.10 3.52 0.94	52.76 2.74 -3.56
KEDC_PORT_JEFF_GT3 24211	60.33 3.99 -8.89	49.64 4.54 -0.11	47.16 4.17 -2.87	47.38 3.90 -5.24	47.21 3.90 -5.05	45.36 4.06 -1.90	47.99 4.56 -0.01	50.09 2.88 -0.01	52.71 2.51 0.07	55.77 2.83 0.43	57.96 3.49 0.00	72.60 3.42 -14.05	62.61 3.56 -1.59	68.04 3.78 -4.30	67.55 4.18 -0.99	77.93 5.28 -7.49	224.51 5.50 -148.54	286.57 6.58 -200.71	342.25 4.97 -262.02	263.11 4.11 -189.36	212.33 3.15 -144.85	82.78 2.83 -18.45	55.10 3.52 0.94	52.76 2.74 -3.56
KEDC_GLWD_GT4 24219	51.06 3.60 0.00	48.77 3.78 -0.01	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.34 3.03 -1.90	47.03 3.60 -0.01	50.08 2.88 0.00	53.03 2.76 0.00	56.52 3.15 0.00	57.91 3.43 0.00	58.89 3.58 -0.17	61.47 3.62 -0.38	64.36 3.84 -0.56	67.39 4.18 -0.83	71.55 5.34 -1.04	77.31 5.64 -1.20	87.10 6.66 -1.15	81.60 5.04 -1.29	74.46 4.25 -0.57	67.73 3.41 0.00	64.39 2.89 0.00	56.06 3.52 -0.01	49.20 2.74 0.00
KEDC_GLWD_GT5 24220	51.06 3.60 0.00	48.77 3.78 -0.01	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.34 3.03 -1.90	47.03 3.60 -0.01	50.08 2.88 0.00	53.03 2.76 0.00	56.52 3.15 0.00	57.91 3.43 0.00	58.89 3.58 -0.17	61.47 3.62 -0.38	64.36 3.84 -0.56	67.39 4.18 -0.83	71.55 5.34 -1.04	77.31 5.64 -1.20	87.10 6.66 -1.15	81.60 5.04 -1.29	74.46 4.25 -0.57	67.73 3.41 0.00	64.39 2.89 0.00	56.06 3.52 -0.01	49.20 2.74 0.00
KENSICO____ 23655	50.35 2.89 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.49 2.26 0.00	40.48 2.22 0.00	41.72 2.32 0.00	46.24 2.82 0.00	49.93 2.74 0.00	52.88 2.61 0.00	56.14 2.78 0.00	57.30 2.83 0.00	58.18 2.87 -0.17	60.72 2.87 -0.38	63.45 2.94 -0.56	66.44 3.24 -0.82	70.50 4.30 -1.03	76.10 4.44 -1.19	85.51 5.07 -1.15	80.62 4.06 -1.29	73.56 3.34 -0.57	67.09 2.77 0.00	63.72 2.21 0.00	55.36 2.84 0.00	48.87 2.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.59 3.13 0.00	48.00 3.01 0.00	42.61 2.49 0.00	40.49 2.26 0.00	40.52 2.26 0.00	41.80 2.40 0.00	46.24 2.82 0.00	49.84 2.64 0.00	52.83 2.56 0.00	56.09 2.72 0.00	57.20 2.72 0.00	58.00 2.76 -0.10	60.62 2.93 -0.23	62.33 3.06 0.69	65.00 3.24 0.63	68.77 4.24 0.63	74.16 4.44 0.74	83.37 5.23 1.15	78.91 4.52 0.88	73.89 3.90 -0.34	67.73 3.41 0.00	64.39 2.89 0.00	55.78 3.26 0.00	49.01 2.56 0.00

KIAC_JFK_GT1 23816	50.87 3.42 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.75 2.49 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.45 3.26 0.00	53.53 3.27 0.00	56.84 3.47 0.00	57.58 3.10 0.00	58.45 3.14 -0.17	60.89 3.05 -0.38	63.58 3.06 -0.56	66.45 3.24 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	86.23 5.55 -1.40	80.94 4.29 -1.38	73.77 3.55 -0.57	67.28 2.96 0.00	63.65 2.15 0.00	55.89 3.36 0.00	49.43 2.97 0.00
KIAC_JFK_GT2 23817	50.87 3.42 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.75 2.49 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.45 3.26 0.00	53.53 3.27 0.00	56.84 3.47 0.00	57.58 3.10 0.00	58.45 3.14 -0.17	60.89 3.05 -0.38	63.58 3.06 -0.56	66.45 3.24 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	86.23 5.55 -1.40	80.94 4.29 -1.38	73.77 3.55 -0.57	67.28 2.96 0.00	63.65 2.15 0.00	55.89 3.36 0.00	49.43 2.97 0.00
KIAC_JFK____ 323774	50.87 3.42 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.75 2.49 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.41 3.21 0.00	53.44 3.17 0.00	56.89 3.52 0.00	57.63 3.16 0.00	58.45 3.14 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.56	66.44 3.24 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	86.47 5.78 -1.40	80.93 4.29 -1.38	73.76 3.55 -0.57	67.34 3.02 0.00	63.65 2.15 0.00	55.94 3.41 0.00	49.29 2.83 0.00
KINTIGH__24_KV_GSU 356498	46.84 -0.62 0.00	43.68 -1.31 0.00	39.72 -0.40 0.00	37.43 -0.80 0.00	37.76 -0.50 0.00	38.85 -0.55 0.00	42.21 -1.22 0.00	45.12 -2.08 0.00	49.01 -1.25 0.00	51.61 -1.76 0.00	53.27 -1.20 0.00	54.25 -0.88 0.00	57.00 -0.46 0.00	59.42 -0.54 0.00	61.95 -0.43 0.00	65.68 0.52 0.00	71.88 1.41 0.00	80.48 1.19 0.00	77.37 2.10 0.00	71.87 2.23 0.00	65.03 0.71 0.00	61.20 -0.31 0.00	53.26 0.74 0.00	48.04 1.58 0.00
KINTIGH____ 23543	46.84 -0.62 0.00	43.68 -1.30 0.00	39.68 -0.44 0.00	37.43 -0.80 0.00	37.76 -0.50 0.00	38.85 -0.55 0.00	42.21 -1.22 0.00	44.93 -2.27 0.00	48.81 -1.46 0.00	51.45 -1.92 0.00	53.11 -1.36 0.00	54.25 -0.88 0.00	57.01 -0.46 0.00	59.42 -0.54 0.00	61.94 -0.44 0.00	65.62 0.46 0.00	71.88 1.41 0.00	80.16 0.87 0.00	77.37 2.11 0.00	71.87 2.23 0.00	64.83 0.51 0.00	61.19 -0.31 0.00	53.26 0.74 0.00	47.53 1.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.17 -0.28 0.00	44.85 -0.13 0.00	40.00 -0.12 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.40 0.00 0.00	43.38 -0.04 0.00	47.20 0.00 0.00	50.22 -0.05 0.00	53.42 0.05 0.00	53.87 -0.60 0.00	54.09 -1.05 0.00	56.37 -1.09 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	62.95 -2.22 0.00	68.28 -2.18 0.00	77.22 -2.06 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.36 -0.96 0.00	60.82 -0.68 0.00	51.58 -0.95 0.00	46.13 -0.33 0.00
LACHUTE____HYDRO 323717	52.06 4.60 0.00	49.26 4.28 0.00	43.57 3.45 0.00	41.41 3.17 0.00	41.48 3.21 0.00	42.83 3.43 0.00	47.37 3.95 0.00	51.07 3.87 0.00	54.59 4.32 0.00	57.69 4.32 0.00	58.18 3.71 0.00	58.56 3.58 0.15	60.98 3.85 0.33	63.31 3.84 0.49	65.34 3.68 0.72	68.49 4.23 0.91	74.21 4.79 1.05	84.14 5.87 1.01	80.53 6.39 1.13	75.83 6.69 0.50	70.81 6.49 0.00	68.27 6.77 0.00	58.15 5.62 0.00	50.87 4.42 0.00
LAWRNCV_115KV_TB1 80681	47.45 0.00 0.00	45.17 0.18 0.00	40.28 0.16 0.00	38.43 0.19 0.00	38.49 0.23 0.00	39.64 0.24 0.00	43.68 0.26 0.00	47.86 0.66 0.00	50.92 0.65 0.00	54.06 0.69 0.00	55.07 0.60 0.00	55.36 0.22 0.00	57.58 0.11 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.80 -1.37 0.00	68.99 -1.48 0.00	77.94 -1.35 0.00	73.91 -1.35 0.00	68.81 -0.84 0.00	64.13 -0.19 0.00	61.62 0.12 0.00	52.32 -0.21 0.00	46.55 0.09 0.00
LEDERLE____ 23769	50.40 2.94 0.00	47.91 2.92 0.00	42.45 2.33 0.00	40.41 2.18 0.00	40.44 2.18 0.00	41.72 2.32 0.00	46.20 2.78 0.00	49.84 2.64 0.00	52.88 2.61 0.00	56.20 2.83 0.00	57.36 2.89 0.00	58.22 2.92 -0.16	60.81 2.99 -0.35	63.54 3.06 -0.52	66.45 3.31 -0.76	70.43 4.30 -0.96	76.16 4.58 -1.11	85.59 5.23 -1.07	80.76 4.29 -1.20	73.80 3.62 -0.53	67.34 3.02 0.00	63.96 2.46 0.00	55.52 2.99 0.00	48.87 2.42 0.00
LIGHTHSE_115KV_TB6 355974	47.60 0.14 0.00	44.85 -0.13 0.00	40.16 0.04 0.00	38.24 0.00 0.00	38.26 0.00 0.00	39.44 0.04 0.00	43.82 0.00 -0.39	47.61 -0.19 -0.61	50.79 -0.15 -0.67	53.21 -0.16 0.00	55.53 0.05 -1.00	56.83 0.17 -1.53	58.73 0.11 -1.15	61.72 0.00 -1.76	63.73 -0.12 -1.48	67.34 0.20 -1.98	73.19 0.21 -2.51	82.41 0.24 -2.88	75.94 0.68 0.00	70.62 0.97 0.00	64.96 0.64 0.00	61.93 0.43 0.00	53.05 0.53 0.00	46.92 0.46 0.00
LINDEN COGEN____ 23786	50.59 3.13 0.00	48.18 3.19 0.00	42.65 2.53 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.42 2.99 0.00	50.03 2.83 0.00	52.98 2.71 0.00	56.41 3.04 0.00	53.18 2.89 4.18	52.12 2.81 5.83	53.21 2.70 6.96	55.57 2.76 7.15	59.27 2.99 6.10	59.53 4.11 9.74	71.20 4.37 3.64	80.81 5.15 3.63	75.97 3.76 3.06	67.26 3.06 5.44	62.02 2.58 4.88	55.50 1.84 7.84	52.24 2.78 3.06	48.92 2.46 0.00
LINDHRST_69_KV_BK1 356055	53.73 4.27 -2.00	49.67 4.68 -0.01	47.12 4.13 -2.87	47.37 3.90 -5.24	47.21 3.90 -5.05	45.36 4.06 -1.90	48.03 4.60 0.00	51.16 3.96 0.00	53.22 3.02 0.06	56.30 3.15 0.22	58.45 3.98 -0.01	68.38 4.30 -8.94	62.36 4.42 -0.47	65.53 4.74 -0.84	68.39 5.18 -0.83	72.76 6.39 -1.20	89.21 6.69 -12.05	102.50 7.61 -15.61	101.85 6.17 -20.41	89.29 5.29 -14.36	78.97 4.12 -10.53	66.30 3.81 -0.99	56.41 4.10 0.21	49.83 3.21 -0.17
LIPA_MISC_IPP 23656	59.65 4.08 -8.12	49.62 4.54 -0.09	47.16 4.17 -2.87	47.41 3.94 -5.24	47.25 3.94 -5.05	45.40 4.10 -1.90	48.03 4.60 0.00	51.03 3.82 -0.01	53.03 2.81 0.05	55.93 2.88 0.32	58.13 3.65 0.00	74.55 3.97 -15.44	63.00 4.14 -1.40	67.99 4.32 -3.72	67.89 4.55 -0.95	87.79 5.67 -16.95	202.01 6.06 -125.48	255.62 6.90 -169.43	302.19 5.72 -221.20	234.37 4.87 -159.85	190.34 3.79 -122.23	80.66 3.51 -15.65	55.60 3.73 0.65	52.41 2.93 -3.03
LISF____SOLAR 323691	59.89 4.22 -8.21	49.80 4.72 -0.10	47.28 4.30 -2.87	47.57 4.09 -5.24	47.36 4.05 -5.05	45.52 4.22 -1.90	48.16 4.73 -0.01	50.27 3.07 -0.01	52.98 2.76 0.05	56.13 3.09 0.34	58.29 3.81 0.00	74.81 4.14 -15.54	63.19 4.31 -1.41	68.22 4.50 -3.76	68.08 4.74 -0.96	87.40 5.93 -16.31	204.02 6.27 -127.28	258.69 7.54 -171.87	305.74 6.09 -224.38	237.01 5.23 -162.14	192.48 4.18 -123.98	81.11 3.75 -15.85	55.78 3.94 0.69	52.50 2.98 -3.06
LITTLE FALLS____HYD 24013	48.83 1.38 0.00	46.20 1.21 0.00	41.12 1.00 0.00	39.19 0.96 0.00	39.26 0.99 0.00	40.46 1.06 0.00	44.64 1.22 0.00	48.38 1.18 0.00	51.62 1.36 0.00	54.81 1.44 0.00	55.94 1.47 0.00	56.68 1.54 0.00	59.02 1.55 0.00	61.58 1.62 0.00	64.13 1.75 0.00	67.12 1.95 0.00	72.44 1.97 0.00	81.51 2.22 0.00	77.45 2.18 0.00	71.73 2.09 0.00	66.12 1.80 0.00	63.16 1.66 0.00	54.10 1.58 0.00	47.76 1.30 0.00

LITTLRIV_115KV_TB1 356100	48.12 0.66 0.00	45.75 0.76 0.00	40.80 0.68 0.00	38.96 0.73 0.00	38.99 0.73 0.00	40.19 0.79 0.00	44.25 0.83 0.00	48.42 1.23 0.00	51.47 1.21 0.00	54.60 1.23 0.00	55.56 1.09 0.00	55.85 0.72 0.00	58.04 0.57 0.00	60.80 0.84 0.00	62.88 0.50 0.00	64.32 -0.85 0.00	69.69 -0.78 0.00	78.73 -0.55 0.00	74.89 -0.38 0.00	69.92 0.28 0.00	65.16 0.84 0.00	62.61 1.11 0.00	53.05 0.53 0.00	47.15 0.70 0.00
LI_NEWBRDGE___DRP 323616	50.68 3.23 0.00	48.63 3.64 0.00	46.04 3.05 -2.87	46.34 2.87 -5.24	46.18 2.87 -5.05	44.30 2.99 -1.90	46.94 3.52 0.00	50.12 2.93 0.00	52.33 2.06 0.00	55.56 2.19 0.00	57.30 2.83 0.00	58.40 3.09 -0.17	61.01 3.16 -0.38	63.88 3.36 -0.56	66.88 3.68 -0.82	70.96 4.76 -1.03	76.67 5.00 -1.20	85.71 5.71 -0.72	80.84 4.44 -1.13	73.91 3.69 -0.57	67.02 2.70 0.00	63.90 2.40 0.00	55.51 2.99 0.01	48.64 2.18 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.89 -0.57 0.00	43.64 -1.35 0.00	39.72 -0.40 0.00	37.47 -0.76 0.00	37.61 -0.65 0.00	38.93 -0.47 0.00	41.90 -1.52 0.00	44.36 -2.83 0.00	48.41 -1.86 0.00	50.91 -2.45 0.00	52.67 -1.80 0.00	53.92 -1.21 0.00	56.78 -0.69 0.00	59.24 -0.72 0.00	61.76 -0.62 0.00	65.43 0.26 0.00	71.95 1.48 0.00	80.00 0.71 0.00	77.60 2.33 0.00	72.08 2.44 0.00	64.71 0.39 0.00	61.07 -0.43 0.00	53.32 0.79 0.00	47.67 1.21 0.00
LOCKPORT___CC1 323769	46.74 -0.71 0.00	43.50 -1.48 0.00	39.68 -0.44 0.00	37.36 -0.88 0.00	37.73 -0.54 0.00	38.81 -0.59 0.00	41.82 -1.61 0.00	44.51 -2.69 0.00	48.56 -1.71 0.00	51.02 -2.35 0.00	52.78 -1.69 0.00	53.81 -1.32 0.00	56.66 -0.80 0.00	59.06 -0.90 0.00	61.63 -0.75 0.00	65.30 0.13 0.00	71.74 1.27 0.00	80.24 0.95 0.00	77.37 2.10 0.00	71.87 2.23 0.00	64.77 0.45 0.00	60.89 -0.61 0.00	53.16 0.63 0.00	48.50 2.04 0.00
LOCKPORT___CC2 323770	46.74 -0.71 0.00	43.50 -1.48 0.00	39.68 -0.44 0.00	37.36 -0.88 0.00	37.73 -0.54 0.00	38.81 -0.59 0.00	41.82 -1.61 0.00	44.51 -2.69 0.00	48.56 -1.71 0.00	51.02 -2.35 0.00	52.78 -1.69 0.00	53.81 -1.32 0.00	56.66 -0.80 0.00	59.06 -0.90 0.00	61.63 -0.75 0.00	65.30 0.13 0.00	71.74 1.27 0.00	80.24 0.95 0.00	77.37 2.10 0.00	71.87 2.23 0.00	64.77 0.45 0.00	60.89 -0.61 0.00	53.16 0.63 0.00	48.50 2.04 0.00
LOCKPORT___CC3 323771	46.74 -0.71 0.00	43.50 -1.48 0.00	39.68 -0.44 0.00	37.36 -0.88 0.00	37.73 -0.54 0.00	38.81 -0.59 0.00	41.82 -1.61 0.00	44.51 -2.69 0.00	48.56 -1.71 0.00	51.02 -2.35 0.00	52.78 -1.69 0.00	53.81 -1.32 0.00	56.66 -0.80 0.00	59.06 -0.90 0.00	61.63 -0.75 0.00	65.30 0.13 0.00	71.74 1.27 0.00	80.24 0.95 0.00	77.37 2.10 0.00	71.87 2.23 0.00	64.77 0.45 0.00	60.89 -0.61 0.00	53.16 0.63 0.00	48.50 2.04 0.00
LOCUSVLY_69_KV_BK2 55797	51.20 3.75 0.00	49.08 4.09 0.00	46.36 3.37 -2.87	46.69 3.21 -5.24	46.48 3.18 -5.05	44.61 3.31 -1.90	47.24 3.82 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.36 2.99 0.00	58.01 3.54 0.00	59.17 3.86 -0.17	61.81 3.97 -0.38	64.78 4.26 -0.56	67.88 4.68 -0.82	72.00 5.80 -1.03	77.79 6.13 -1.20	87.20 6.90 -1.02	82.00 5.49 -1.24	74.88 4.67 -0.57	67.92 3.60 0.00	64.64 3.14 0.00	56.10 3.57 -0.01	49.25 2.79 0.00
LONG_LAKE_PHOENIX 24014	46.89 -0.57 0.00	44.18 -0.81 0.00	39.64 -0.48 0.00	37.70 -0.54 0.00	37.73 -0.54 0.00	38.85 -0.55 0.00	43.33 -0.69 -0.61	47.23 -0.90 -0.93	50.40 -0.90 -1.04	52.41 -0.96 0.00	55.14 -0.87 -1.54	56.78 -0.72 -2.36	58.66 -0.57 -1.77	62.07 -0.60 -2.71	64.03 -0.62 -2.28	67.95 -0.26 -3.05	74.12 -0.21 -3.87	83.34 -0.40 -4.45	75.19 -0.08 0.00	69.64 0.00 0.00	64.00 -0.32 0.00	61.07 -0.43 0.00	52.26 -0.26 0.00	46.32 -0.14 0.00
LOVETT___3 23632	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.26 2.03 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.82 2.45 0.00	56.98 2.51 0.00	57.89 2.59 -0.16	60.35 2.53 -0.36	63.13 2.64 -0.53	66.03 2.87 -0.78	70.05 3.91 -0.98	75.68 4.09 -1.13	85.05 4.68 -1.09	80.25 3.76 -1.22	73.25 3.06 -0.54	66.83 2.51 0.00	63.47 1.97 0.00	55.15 2.63 0.00	48.59 2.14 0.00
LOVETT___4 23642	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.26 2.03 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.82 2.45 0.00	56.98 2.51 0.00	57.89 2.59 -0.16	60.35 2.53 -0.36	63.13 2.64 -0.53	66.03 2.87 -0.78	70.05 3.91 -0.98	75.68 4.09 -1.13	85.05 4.68 -1.09	80.25 3.76 -1.22	73.25 3.06 -0.54	66.83 2.51 0.00	63.47 1.97 0.00	55.15 2.63 0.00	48.59 2.14 0.00
LOVETT___5 23593	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.26 2.03 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.82 2.45 0.00	56.98 2.51 0.00	57.89 2.59 -0.16	60.35 2.53 -0.36	63.13 2.64 -0.53	66.03 2.87 -0.78	70.05 3.91 -0.98	75.68 4.09 -1.13	85.05 4.68 -1.09	80.25 3.76 -1.22	73.25 3.06 -0.54	66.83 2.51 0.00	63.47 1.97 0.00	55.15 2.63 0.00	48.59 2.14 0.00
LOWER RAQUET___HYD 24057	47.55 0.10 0.00	45.21 0.23 0.00	40.32 0.20 0.00	38.51 0.27 0.00	38.53 0.27 0.00	39.71 0.31 0.00	43.73 0.31 0.00	48.00 0.80 0.00	50.97 0.70 0.00	54.01 0.64 0.00	54.96 0.49 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.67 -1.50 0.00	68.85 -1.62 0.00	77.47 -1.82 0.00	73.84 -1.43 0.00	68.73 -0.91 0.00	63.94 -0.38 0.00	61.56 0.06 0.00	52.37 -0.16 0.00	46.55 0.09 0.00
LOWER___HUDSON 24059	49.26 1.80 0.00	46.83 1.85 0.00	41.52 1.40 0.00	39.65 1.42 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.71 1.51 0.00	51.83 1.56 0.00	55.02 1.66 0.00	55.99 1.52 0.00	56.31 1.38 0.20	58.40 1.38 0.45	60.62 1.32 0.66	62.79 1.37 0.96	65.90 1.95 1.21	71.11 2.04 1.40	80.47 2.54 1.35	75.86 2.10 1.51	70.85 1.88 0.67	66.12 1.80 0.00	63.10 1.60 0.00	54.26 1.73 0.00	47.81 1.35 0.00
LOWVILLE_115KV_TB2 356335	49.07 1.61 0.00	46.33 1.35 0.00	41.36 1.24 0.00	39.42 1.19 0.00	39.45 1.19 0.00	40.70 1.30 0.00	45.04 1.52 -0.10	48.86 1.51 -0.15	52.15 1.71 -0.17	55.08 1.71 0.00	56.58 1.85 -0.26	57.35 1.82 -0.39	59.37 1.61 -0.29	62.09 1.68 -0.45	64.38 1.62 -0.38	67.23 1.56 -0.50	73.01 1.90 -0.64	82.56 2.54 -0.74	78.05 2.78 0.00	72.98 3.34 0.00	67.28 2.96 0.00	64.21 2.71 0.00	54.63 2.10 0.00	48.18 1.72 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.25 2.80 0.00	47.68 2.70 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.29 2.03 0.00	41.57 2.17 0.00	45.90 2.48 0.00	49.60 2.41 0.00	52.78 2.51 0.00	55.93 2.56 0.00	56.76 2.29 0.00	57.24 2.26 0.16	59.48 2.36 0.34	61.79 2.34 0.51	64.00 2.37 0.75	67.16 2.93 0.94	72.55 3.17 1.08	81.89 3.65 1.04	77.86 3.76 1.17	72.74 3.62 0.52	67.66 3.34 0.00	64.82 3.32 0.00	55.63 3.10 0.00	48.97 2.51 0.00

LUTHERNY_35_KV_BK2 355980	50.25 2.80 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.33 2.07 0.00	41.57 2.17 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.83 2.56 0.00	55.93 2.56 0.00	56.81 2.34 0.00	57.29 2.32 0.16	59.48 2.36 0.34	61.85 2.40 0.51	64.07 2.43 0.75	67.22 3.00 0.94	72.55 3.17 1.08	81.97 3.73 1.04	77.94 3.84 1.17	72.81 3.69 0.52	67.73 3.41 0.00	64.88 3.38 0.00	55.63 3.10 0.00	49.01 2.56 0.00
LWR___OSWEGATCHIE_HYD 23850	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.23 0.90 -0.14	51.38 0.96 -0.16	54.44 1.07 0.00	55.79 1.09 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.36 -0.26 -0.46	70.91 0.24 -0.58	80.20 0.24 -0.67	75.72 0.45 0.00	70.69 1.04 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
LYONS_FALL_HYD 23570	49.02 1.56 0.00	46.29 1.31 0.00	41.32 1.20 0.00	39.38 1.15 0.00	39.41 1.15 0.00	40.66 1.26 0.00	44.92 1.43 -0.06	48.76 1.46 -0.10	52.09 1.71 -0.11	55.08 1.71 0.00	56.49 1.85 -0.16	57.20 1.82 -0.25	59.37 1.72 -0.19	62.11 1.86 -0.29	64.43 1.81 -0.24	67.38 1.89 -0.32	73.06 2.19 -0.41	82.53 2.77 -0.47	78.13 2.86 0.00	72.85 3.21 0.00	67.08 2.76 0.00	64.02 2.52 0.00	54.52 2.00 0.00	48.13 1.67 0.00
MADISON___COUNTY_LFGE 323628	49.16 1.71 0.00	46.38 1.39 0.00	41.44 1.32 0.00	39.42 1.19 0.00	39.49 1.22 0.00	40.70 1.30 0.00	45.03 1.61 0.00	48.75 1.56 0.00	52.13 1.86 0.00	55.24 1.87 0.00	56.54 2.07 0.00	57.29 2.15 0.00	59.71 2.24 0.00	62.48 2.52 0.00	64.88 2.50 0.00	67.90 2.74 0.00	73.57 3.10 0.00	82.62 3.33 0.00	78.73 3.46 0.00	73.19 3.55 0.00	67.28 2.96 0.00	64.15 2.64 0.00	54.73 2.21 0.00	48.27 1.81 0.00
MALONE___115KV_TB1 356076	47.55 0.09 0.00	45.26 0.27 0.00	40.32 0.20 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.75 0.35 0.00	43.81 0.39 0.00	47.86 0.66 0.00	50.92 0.65 0.00	54.17 0.80 0.00	54.96 0.49 0.00	55.30 0.17 0.00	57.58 0.11 0.00	60.38 0.42 0.00	62.57 0.19 0.00	64.19 -0.98 0.00	69.62 -0.85 0.00	78.73 -0.55 0.00	74.59 -0.68 0.00	69.36 -0.28 0.00	64.64 0.32 0.00	62.12 0.62 0.00	52.47 -0.05 0.00	46.64 0.19 0.00
MAPLEWOD_115KV_TB3 80458	48.88 1.42 0.00	46.47 1.48 0.00	41.20 1.08 0.00	39.31 1.07 0.00	39.29 1.03 0.00	40.50 1.10 0.00	44.77 1.35 0.00	48.38 1.18 0.00	51.47 1.21 0.00	54.60 1.23 0.00	55.62 1.14 0.00	56.09 1.10 0.15	58.11 0.98 0.33	60.37 0.90 0.49	62.60 0.94 0.72	65.70 1.43 0.90	70.83 1.41 1.04	79.95 1.67 1.00	75.50 1.35 1.13	70.33 1.18 0.50	65.35 1.03 0.00	62.55 1.05 0.00	53.74 1.21 0.00	47.43 0.98 0.00
MAPLE_RIDGE_WT_1 323574	47.31 -0.14 0.00	44.90 -0.09 0.00	40.04 -0.08 0.00	38.16 -0.08 0.00	38.19 -0.08 0.00	39.32 -0.08 0.00	43.34 -0.09 0.00	47.15 -0.05 0.00	50.22 -0.05 0.00	53.31 -0.05 0.00	54.36 -0.11 0.00	55.03 -0.11 0.00	57.29 -0.17 0.00	59.78 -0.18 0.00	62.13 -0.25 0.00	64.78 -0.39 0.00	70.05 -0.42 0.00	78.81 -0.47 0.00	74.89 -0.37 0.00	69.30 -0.35 0.00	64.06 -0.26 0.00	61.32 -0.18 0.00	52.21 -0.31 0.00	46.18 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	47.31 -0.14 0.00	44.90 -0.09 0.00	40.04 -0.08 0.00	38.16 -0.08 0.00	38.19 -0.08 0.00	39.32 -0.08 0.00	43.34 -0.09 0.00	47.15 -0.05 0.00	50.22 -0.05 0.00	53.31 -0.05 0.00	54.36 -0.11 0.00	55.03 -0.11 0.00	57.29 -0.17 0.00	59.78 -0.18 0.00	62.13 -0.25 0.00	64.78 -0.39 0.00	70.05 -0.42 0.00	78.81 -0.47 0.00	74.89 -0.37 0.00	69.30 -0.35 0.00	64.06 -0.26 0.00	61.32 -0.18 0.00	52.21 -0.31 0.00	46.18 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	46.84 -0.62 0.00	44.54 -0.45 0.00	39.72 -0.40 0.00	37.89 -0.34 0.00	37.92 -0.35 0.00	39.08 -0.32 0.00	43.03 -0.39 0.00	47.15 -0.05 0.00	49.97 -0.30 0.00	52.73 -0.64 0.00	53.60 -0.87 0.00	54.14 -0.99 0.00	56.43 -1.03 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	63.08 -2.09 0.00	68.35 -2.11 0.00	76.83 -2.46 0.00	73.16 -2.11 0.00	67.83 -1.81 0.00	63.03 -1.29 0.00	60.64 -0.86 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00
MARSHVLE_115KV_TB1 80742	50.78 3.32 0.00	48.00 3.01 0.00	42.65 2.53 0.00	40.61 2.37 0.00	40.67 2.41 0.00	42.00 2.60 0.00	46.33 2.91 0.00	49.70 2.50 0.00	52.98 2.71 0.00	56.09 2.72 0.00	57.09 2.61 0.00	57.58 2.54 0.09	59.97 2.70 0.20	62.42 2.76 0.30	64.82 2.87 0.43	67.81 3.19 0.55	73.22 3.38 0.63	83.04 4.36 0.61	79.40 4.82 0.68	74.56 5.22 0.30	69.21 4.89 0.00	66.30 4.80 0.00	56.62 4.10 0.00	49.71 3.25 0.00
MARSH_HILL_WT_PWR 323713	48.78 1.33 0.00	45.48 0.50 0.00	41.12 1.00 0.00	38.85 0.61 0.00	39.18 0.92 0.00	40.42 1.02 0.00	43.95 0.52 0.00	47.05 -0.14 0.00	50.62 0.35 0.00	53.31 -0.05 0.00	54.80 0.33 0.00	55.80 0.66 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.75 1.37 0.00	67.58 2.41 0.00	74.13 3.66 0.00	83.25 3.96 0.00	80.23 4.97 0.00	74.72 5.08 0.00	67.98 3.66 0.00	64.20 2.70 0.00	55.41 2.89 0.00	49.76 3.30 0.00
MCINTYRE_115KV_TB2 80467	48.31 0.85 0.00	45.93 0.94 0.00	41.00 0.88 0.00	39.11 0.88 0.00	39.14 0.88 0.00	40.35 0.95 0.00	44.38 0.96 0.00	48.52 1.32 0.00	51.52 1.26 0.00	54.60 1.23 0.00	55.56 1.09 0.00	55.74 0.61 0.00	57.98 0.52 0.00	60.80 0.84 0.00	62.94 0.56 0.00	64.51 -0.65 0.00	69.90 -0.56 0.00	79.13 -0.16 0.00	75.34 0.08 0.00	70.41 0.77 0.00	65.74 1.42 0.00	63.16 1.66 0.00	53.32 0.79 0.00	47.29 0.84 0.00
MECO_____69_KV_BK1 80468	51.58 4.13 0.00	48.81 3.82 0.00	43.33 3.21 0.00	41.22 2.98 0.00	41.32 3.06 0.00	42.67 3.27 0.00	47.11 3.69 0.00	50.69 3.49 0.00	54.04 3.77 0.00	57.05 3.68 0.00	58.01 3.54 0.00	58.51 3.47 0.10	60.98 3.74 0.22	63.35 3.72 0.33	65.77 3.87 0.48	68.93 4.37 0.60	74.49 4.72 0.70	84.48 5.87 0.67	80.76 6.25 0.75	75.72 6.41 0.33	70.24 5.92 0.00	67.41 5.90 0.00	57.52 4.99 0.00	50.45 4.00 0.00
MENANDS___115KV_TB5 355628	48.55 1.09 0.00	46.15 1.17 0.00	40.92 0.80 0.00	39.08 0.84 0.00	39.06 0.80 0.00	40.27 0.87 0.00	44.51 1.09 0.00	48.05 0.85 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.23 0.76 0.00	55.70 0.72 0.15	57.71 0.57 0.33	59.89 0.42 0.49	62.16 0.50 0.72	65.24 0.98 0.90	70.27 0.85 1.04	79.32 1.03 1.00	74.82 0.68 1.12	69.70 0.56 0.50	64.71 0.39 0.00	61.93 0.43 0.00	53.26 0.74 0.00	47.02 0.56 0.00
MG INDUSTRY___DRP 24185	48.64 1.19 0.00	46.20 1.21 0.00	41.04 0.92 0.00	39.15 0.92 0.00	39.14 0.88 0.00	40.31 0.91 0.00	44.51 1.09 0.00	48.05 0.85 0.00	51.07 0.80 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.71 0.66 0.08	57.57 0.29 0.18	51.96 -1.02 6.98	53.66 -1.00 7.73	55.76 -0.72 8.69	59.40 -0.92 10.15	65.71 -0.95 12.63	62.78 -1.05 11.44	68.39 -0.97 0.27	63.34 -0.96 0.02	60.64 -0.86 0.00	52.11 -0.42 0.00	46.07 -0.37 0.02

MID___OSWEGATCHIE_HYD 23849	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.23 0.90 -0.14	51.38 0.96 -0.16	54.44 1.07 0.00	55.79 1.09 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.36 -0.26 -0.46	70.91 -0.14 -0.58	80.20 0.24 -0.67	75.72 0.45 0.00	70.69 1.04 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
MID___RAQUETTE_HYD 23851	47.55 0.09 0.00	45.21 0.22 0.00	40.32 0.20 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.72 0.32 0.00	43.73 0.30 0.00	47.90 0.71 0.00	50.97 0.70 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.67 -1.50 0.00	68.85 -1.62 0.00	77.78 -1.51 0.00	73.84 -1.43 0.00	68.74 -0.91 0.00	64.06 -0.26 0.00	61.56 0.06 0.00	52.37 -0.16 0.00	46.60 0.14 0.00
MILLIKEN___1 23584	48.69 1.23 0.00	45.79 0.81 0.00	41.04 0.92 0.00	39.00 0.76 0.00	39.10 0.84 0.00	40.27 0.87 0.00	44.23 0.74 -0.07	47.82 0.52 -0.11	51.09 0.70 -0.12	54.06 0.69 0.00	55.46 0.82 -0.17	56.50 1.10 -0.27	59.04 1.38 -0.20	61.76 1.50 -0.31	64.20 1.56 -0.26	67.66 2.15 -0.34	73.44 2.54 -0.44	82.64 2.85 -0.50	78.65 3.39 0.00	72.98 3.34 0.00	66.96 2.64 0.00	63.72 2.21 0.00	54.52 2.00 0.00	48.18 1.72 0.00
MILLIKEN___2 23585	48.69 1.23 0.00	45.79 0.81 0.00	41.04 0.92 0.00	39.00 0.76 0.00	39.10 0.84 0.00	40.27 0.87 0.00	44.23 0.74 -0.07	47.82 0.52 -0.11	51.09 0.70 -0.12	54.06 0.69 0.00	55.46 0.82 -0.17	56.50 1.10 -0.27	59.04 1.38 -0.20	61.76 1.50 -0.31	64.20 1.56 -0.26	67.66 2.15 -0.34	73.44 2.54 -0.44	82.64 2.85 -0.50	78.65 3.39 0.00	72.98 3.34 0.00	66.96 2.64 0.00	63.72 2.21 0.00	54.52 2.00 0.00	48.18 1.72 0.00
MILLIKEN___DIESEL 23629	48.69 1.23 0.00	45.79 0.81 0.00	41.04 0.92 0.00	39.00 0.76 0.00	39.10 0.84 0.00	40.27 0.87 0.00	44.23 0.74 -0.07	47.82 0.52 -0.11	51.09 0.70 -0.12	54.06 0.69 0.00	55.46 0.82 -0.17	56.50 1.10 -0.27	59.04 1.38 -0.20	61.76 1.50 -0.31	64.20 1.56 -0.26	67.66 2.15 -0.34	73.44 2.54 -0.44	82.64 2.85 -0.50	78.65 3.39 0.00	72.98 3.34 0.00	66.96 2.64 0.00	63.72 2.21 0.00	54.52 2.00 0.00	48.18 1.72 0.00
MILLSEAT___LFGE 323607	47.93 0.47 0.00	44.62 -0.36 0.00	40.56 0.44 0.00	38.24 0.00 0.00	38.61 0.34 0.00	39.71 0.31 0.00	43.03 -0.39 0.00	46.02 -1.18 0.00	50.02 -0.25 0.00	52.46 -0.91 0.00	54.20 -0.27 0.00	55.30 0.17 0.00	58.21 0.75 0.00	60.74 0.78 0.00	63.38 0.99 0.00	67.12 1.95 0.00	73.71 3.24 0.00	82.54 3.25 0.00	79.63 4.36 0.00	74.10 4.46 0.00	66.96 2.64 0.00	62.98 1.47 0.00	54.73 2.21 0.00	49.52 3.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.25 2.80 0.00	47.82 2.83 0.00	42.41 2.29 0.00	40.38 2.14 0.00	40.37 2.10 0.00	41.65 2.25 0.00	46.11 2.69 0.00	49.79 2.60 0.00	52.73 2.46 0.00	56.04 2.67 0.00	57.20 2.72 0.00	58.06 2.76 -0.17	60.54 2.70 -0.38	63.33 2.82 -0.55	66.25 3.06 -0.82	70.30 4.11 -1.03	75.95 4.30 -1.18	85.34 4.92 -1.14	80.46 3.91 -1.28	73.41 3.20 -0.57	66.96 2.64 0.00	63.65 2.15 0.00	55.26 2.73 0.00	48.78 2.32 0.00
MILLWOOD_13_KV_LOAD 356217	50.40 2.94 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.49 2.26 0.00	40.48 2.22 0.00	41.72 2.32 0.00	46.20 2.78 0.00	49.93 2.74 0.00	52.88 2.61 0.00	56.20 2.83 0.00	57.36 2.89 0.00	58.28 2.98 -0.17	60.83 2.99 -0.38	63.63 3.12 -0.55	66.63 3.43 -0.82	70.62 4.43 -1.03	76.30 4.65 -1.18	85.74 5.31 -1.14	80.83 4.29 -1.28	73.76 3.55 -0.57	67.21 2.89 0.00	63.90 2.40 0.00	55.47 2.94 0.00	48.92 2.46 0.00
MODEL_CITY_ENERGY 24167	46.51 -0.95 0.00	43.37 -1.62 0.00	39.52 -0.60 0.00	37.24 -0.99 0.00	37.57 -0.69 0.00	38.69 -0.71 0.00	41.56 -1.87 0.00	44.17 -3.02 0.00	48.20 -2.06 0.00	50.65 -2.72 0.00	52.40 -2.07 0.00	53.43 -1.71 0.00	56.26 -1.21 0.00	58.64 -1.32 0.00	61.13 -1.25 0.00	64.84 -0.32 0.00	71.24 0.78 0.00	79.68 0.40 0.00	76.77 1.50 0.00	71.31 1.67 0.00	64.32 0.00 0.00	60.46 -1.05 0.00	52.79 0.26 0.00	48.04 1.58 0.00
MODERN_LFGE___ 323580	46.51 -0.95 0.00	43.37 -1.62 0.00	39.52 -0.60 0.00	37.24 -0.99 0.00	37.57 -0.69 0.00	38.69 -0.71 0.00	41.56 -1.87 0.00	44.17 -3.02 0.00	48.20 -2.06 0.00	50.65 -2.72 0.00	52.40 -2.07 0.00	53.43 -1.71 0.00	56.26 -1.21 0.00	58.64 -1.32 0.00	61.13 -1.25 0.00	64.84 -0.32 0.00	71.24 0.78 0.00	79.68 0.40 0.00	76.77 1.50 0.00	71.31 1.67 0.00	64.32 0.00 0.00	60.46 -1.05 0.00	52.79 0.26 0.00	48.04 1.58 0.00
MOHAWK_PAPER___DRP 24187	48.88 1.42 0.00	46.47 1.48 0.00	41.20 1.08 0.00	39.31 1.07 0.00	39.29 1.03 0.00	40.50 1.10 0.00	44.77 1.35 0.00	48.38 1.18 0.00	51.47 1.21 0.00	54.60 1.23 0.00	55.62 1.14 0.00	56.09 1.10 0.15	58.11 0.98 0.33	60.37 0.90 0.49	62.60 0.94 0.72	65.70 1.43 0.90	70.83 1.41 1.04	79.95 1.67 1.00	75.50 1.35 1.13	70.33 1.18 0.50	65.35 1.03 0.00	62.55 1.05 0.00	53.74 1.21 0.00	47.43 0.98 0.00
MOHICAN___35_KV_115KV_LD 80490	50.92 3.46 0.00	48.27 3.28 0.00	42.73 2.61 0.00	40.68 2.45 0.00	40.75 2.49 0.00	42.04 2.64 0.00	46.46 3.04 0.00	50.17 2.97 0.00	53.53 3.27 0.00	56.62 3.26 0.00	57.20 2.72 0.00	57.68 2.70 0.15	59.94 2.82 0.34	62.22 2.76 0.50	64.39 2.74 0.73	67.50 3.26 0.92	73.00 3.59 1.06	82.46 4.20 1.02	78.94 4.82 1.15	73.87 4.74 0.51	68.89 4.57 0.00	66.11 4.61 0.00	56.52 3.99 0.00	49.66 3.21 0.00
MONGAUP___HYD 23641	50.30 2.85 0.00	47.73 2.74 0.00	42.41 2.29 0.00	40.30 2.06 0.00	40.33 2.06 0.00	41.57 2.17 0.00	45.94 2.52 0.00	49.37 2.17 0.00	52.28 2.01 0.00	55.50 2.14 0.00	56.54 2.07 0.00	57.32 2.04 -0.14	59.96 2.18 -0.32	62.58 2.16 -0.46	65.43 2.37 -0.68	69.35 3.32 -0.86	74.56 3.10 -0.99	83.49 3.25 -0.95	79.65 3.31 -1.07	73.53 3.41 -0.48	67.41 3.09 0.00	64.08 2.58 0.00	55.47 2.94 0.00	48.64 2.18 0.00
MONTAUK___DIESEL 23721	62.25 6.64 -8.15	52.09 7.02 -0.09	49.17 6.18 -2.87	49.36 5.89 -5.24	49.16 5.85 -5.05	47.21 5.91 -1.90	49.85 6.43 0.00	53.15 5.95 -0.01	55.59 5.38 0.05	58.75 5.71 0.33	61.34 6.86 0.00	77.93 7.33 -15.46	66.68 7.82 -1.40	71.85 8.15 -3.74	71.88 8.55 -0.96	97.83 9.77 -22.89	207.20 10.50 -126.23	260.44 10.70 -170.45	307.06 9.26 -222.54	238.67 8.22 -160.81	194.68 7.40 -122.96	83.88 6.64 -15.74	57.90 6.04 0.67	54.57 5.06 -3.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.69 1.23 0.00	45.26 0.27 0.00	40.96 0.84 0.00	38.81 0.57 0.00	39.10 0.84 0.00	40.39 0.99 0.00	43.73 0.30 0.00	46.68 -0.52 0.00	50.82 0.55 0.00	53.31 -0.05 0.00	55.07 0.60 0.00	56.35 1.21 0.00	59.48 2.01 0.00	62.18 2.22 0.00	64.81 2.43 0.00	68.68 3.52 0.00	75.61 5.14 0.00	83.96 4.68 0.00	81.59 6.32 0.00	75.70 6.06 0.00	67.99 3.67 0.00	64.21 2.71 0.00	55.89 3.36 0.00	49.66 3.21 0.00

MORRIS_RIDGE___SOLAR 323848	47.93 0.47 0.00	44.72 -0.27 0.00	40.48 0.36 0.00	38.24 0.00 0.00	38.57 0.30 0.00	39.71 0.31 0.00	43.12 -0.30 0.00	46.06 -1.13 0.00	49.61 -0.65 0.00	52.30 -1.07 0.00	53.82 -0.65 0.00	54.81 -0.33 0.00	57.52 0.06 0.00	60.08 0.12 0.00	62.63 0.25 0.00	66.27 1.11 0.00	72.72 2.25 0.00	81.50 2.22 0.00	78.50 3.23 0.00	73.26 3.62 0.00	66.63 2.31 0.00	62.85 1.35 0.00	54.42 1.89 0.00	48.92 2.46 0.00
MORTIMER_115KV_TB3 55949	47.69 0.24 0.00	44.58 -0.40 0.00	40.32 0.20 0.00	38.12 -0.11 0.00	38.38 0.11 0.00	39.48 0.08 0.00	43.08 -0.35 0.00	46.25 -0.94 0.00	49.86 -0.40 0.00	52.73 -0.64 0.00	54.36 -0.11 0.00	55.47 0.33 0.00	58.27 0.80 0.00	60.80 0.84 0.00	63.38 1.00 0.00	66.92 1.76 0.00	73.07 2.61 0.00	81.66 2.38 0.00	78.58 3.31 0.00	72.98 3.34 0.00	66.19 1.87 0.00	62.67 1.17 0.00	54.10 1.58 0.00	47.99 1.53 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.59 3.17 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.52 3.15 0.00	57.69 3.21 -0.17	58.51 3.20 -0.38	60.95 3.10 -0.56	63.70 3.18 -0.82	66.63 3.43 -1.03	70.76 4.56 -1.20	76.52 4.86 -1.15	85.91 5.47 -1.29	80.92 4.37 -0.57	73.84 3.62 0.00	67.28 2.96 0.00	63.90 2.40 0.00	55.68 3.15 0.00	49.25 2.79 0.00
MUNSVILLE_WIND_PWR 323609	51.91 4.46 0.00	48.67 3.69 0.00	43.61 3.49 0.00	41.45 3.21 0.00	41.55 3.29 0.00	42.95 3.55 0.00	47.20 3.78 0.00	50.83 3.63 0.00	54.49 4.22 0.00	57.69 4.32 0.00	58.88 4.41 0.00	59.88 4.74 0.00	62.58 5.11 0.00	65.66 5.70 0.00	68.12 5.74 0.00	71.82 6.65 0.00	77.93 7.47 0.00	88.32 9.04 0.00	84.37 9.10 0.00	78.91 9.26 0.00	72.23 7.91 0.00	68.51 7.01 0.00	58.31 5.78 0.00	51.38 4.92 0.00
N SALMON___HYD 24042	47.55 0.10 0.00	45.26 0.27 0.00	40.32 0.20 0.00	38.51 0.27 0.00	38.53 0.27 0.00	39.75 0.35 0.00	43.81 0.39 0.00	48.05 0.85 0.00	50.92 0.65 0.00	53.85 0.48 0.00	54.80 0.33 0.00	55.30 0.17 0.00	57.58 0.12 0.00	60.38 0.42 0.00	62.57 0.19 0.00	64.19 -0.98 0.00	69.62 -0.84 0.00	78.42 -0.87 0.00	74.59 -0.68 0.00	69.36 -0.28 0.00	64.58 0.26 0.00	62.12 0.61 0.00	52.47 -0.05 0.00	46.55 0.09 0.00
N.AKRON__115KV_KNAPP 355671	47.83 0.38 0.00	44.54 -0.45 0.00	40.44 0.32 0.00	38.16 -0.08 0.00	38.34 0.08 0.00	39.68 0.28 0.00	42.94 -0.48 0.00	45.73 -1.46 0.00	49.66 -0.60 0.00	51.93 -1.44 0.00	53.71 -0.76 0.00	54.91 -0.22 0.00	57.87 0.40 0.00	60.38 0.42 0.00	62.94 0.56 0.00	66.66 1.50 0.00	73.29 2.82 0.00	81.59 2.30 0.00	79.11 3.84 0.00	73.54 3.90 0.00	66.19 1.87 0.00	62.42 0.92 0.00	54.37 1.84 0.00	48.50 2.04 0.00
N.E_GEN_SANDY PD 24062	49.16 1.71 0.00	46.83 1.85 0.00	41.49 1.36 0.00	39.61 1.37 0.00	39.60 1.34 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.61 1.41 0.00	51.62 1.36 0.00	54.92 1.55 0.00	55.94 1.47 1.13	55.27 1.27 2.47	56.20 1.21 3.65	57.51 1.20 5.36	58.33 1.31 5.36	60.51 2.08 6.74	64.72 2.04 7.79	74.40 2.61 7.50	68.60 1.73 8.40	67.30 1.39 3.73	65.54 1.22 0.00	62.43 0.92 0.00	54.97 1.42 -1.03	46.50 1.07 1.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.21 2.75 0.00	47.77 2.79 0.00	42.33 2.21 0.00	40.30 2.06 0.00	40.33 2.07 0.00	41.57 2.17 0.00	46.03 2.61 0.00	49.70 2.50 0.00	52.68 2.41 0.00	55.98 2.62 0.00	57.14 2.67 -0.16	58.00 2.70 -0.35	60.58 2.76 -0.52	63.30 2.82 -0.77	66.21 3.06 -0.97	70.17 4.04 -1.12	75.88 4.30 -1.08	85.28 4.92 -1.20	80.46 3.99 -0.54	73.52 3.34 0.00	67.02 2.70 0.00	63.72 2.21 0.00	55.31 2.78 0.00	48.73 2.28 0.00
N.QUEENS_27_KV_LOAD 356247	51.07 3.61 -0.01	48.73 3.73 -0.01	43.06 2.93 -0.01	41.00 2.75 -0.01	40.99 2.72 -0.01	42.32 2.92 -0.01	46.94 3.52 0.00	50.45 3.26 0.00	53.13 2.87 0.00	56.52 3.15 0.00	57.74 3.27 -0.17	58.62 3.31 -0.38	60.72 2.87 -0.55	63.39 2.88 -0.81	66.38 3.18 -1.03	70.49 4.30 -1.19	76.23 4.58 -1.27	85.79 5.23 -1.33	80.74 4.14 -0.56	73.62 3.41 0.01	67.14 2.83 0.01	63.83 2.34 0.01	56.00 3.47 -0.01	49.76 3.30 -0.01
N.TROY___115KV_TB1 355778	49.26 1.80 0.00	46.83 1.84 0.00	41.53 1.40 0.00	39.65 1.41 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.75 1.56 0.00	51.83 1.56 0.00	54.97 1.60 0.00	55.94 1.47 0.20	56.31 1.38 0.20	58.40 1.38 0.45	60.62 1.32 0.66	62.79 1.37 0.96	65.91 1.95 1.21	71.11 2.04 1.40	80.32 2.38 1.35	75.86 2.11 1.51	70.85 1.88 0.67	65.99 1.67 0.00	63.10 1.60 0.00	54.26 1.73 0.00	47.90 1.44 0.00
NARROWS_GT1_1 24228	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 -0.17	58.56 3.25 -0.38	60.89 3.04 -0.55	63.57 3.06 -0.81	66.56 3.37 -1.03	70.68 4.49 -1.19	76.38 4.72 -1.14	86.06 5.63 -1.28	80.76 4.21 -0.56	73.69 3.48 0.01	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_2 24229	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 -0.17	58.56 3.25 -0.38	60.89 3.04 -0.55	63.57 3.06 -0.81	66.56 3.37 -1.03	70.68 4.49 -1.19	76.38 4.72 -1.14	86.06 5.63 -1.28	80.76 4.21 -0.56	73.69 3.48 0.01	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_3 24230	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 -0.17	58.56 3.25 -0.38	60.89 3.04 -0.55	63.57 3.06 -0.81	66.56 3.37 -1.03	70.68 4.49 -1.19	76.38 4.72 -1.14	86.06 5.63 -1.28	80.76 4.21 -0.56	73.69 3.48 0.01	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_4 24231	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 -0.17	58.56 3.25 -0.38	60.89 3.04 -0.55	63.57 3.06 -0.81	66.56 3.37 -1.03	70.68 4.49 -1.19	76.38 4.72 -1.14	86.06 5.63 -1.28	80.76 4.21 -0.56	73.69 3.48 0.01	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_5 24232	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 -0.17	58.56 3.25 -0.38	60.89 3.04 -0.55	63.57 3.06 -0.81	66.56 3.37 -1.03	70.68 4.49 -1.19	76.38 4.72 -1.14	86.06 5.63 -1.28	80.76 4.21 -0.56	73.69 3.48 0.01	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01

NARROWS_GT1_6 24233	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_7 24234	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT1_8 24235	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_1 24236	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_2 24237	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_3 24238	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_4 24239	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_5 24240	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_6 24241	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_7 24242	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NARROWS_GT2_8 24243	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.68 4.49 -1.03	76.38 4.72 -1.19	86.06 5.63 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.34 3.02 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.45 1.99 0.00	46.87 1.89 0.00	41.61 1.48 0.00	39.61 1.38 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.07 1.65 0.00	48.56 1.37 0.00	51.52 1.26 0.00	54.54 1.17 0.00	55.40 0.93 0.00	56.46 1.38 0.06	58.37 1.03 0.13	51.83 0.60 8.72	53.40 0.62 9.61	55.44 1.04 10.77	58.94 1.06 12.58	65.12 1.59 15.75	62.65 1.58 14.20	70.98 1.53 0.19	65.39 1.09 0.02	62.61 1.11 0.00	53.74 1.21 0.00	47.50 1.07 0.02
NCHELSEA_115KV_TR2 355582	50.54 3.08 0.00	48.04 3.06 0.00	42.61 2.49 0.00	40.53 2.29 0.00	40.56 2.30 0.00	41.80 2.40 0.00	46.29 2.87 0.00	49.89 2.69 0.00	52.93 2.66 0.00	56.25 2.88 0.00	57.36 2.89 0.00	58.19 2.92 -0.14	60.75 2.99 -0.30	63.40 3.00 -0.44	66.27 3.24 -0.65	70.21 4.24 -0.81	75.70 4.30 -0.94	85.26 5.07 -0.90	80.42 4.14 -1.01	73.57 3.48 -0.45	67.34 3.02 0.00	64.08 2.58 0.00	55.52 2.99 0.00	48.87 2.42 0.00
NEG CAPITAL___MECHNVIL 23645	50.30 2.85 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.34 2.10 0.00	40.33 2.06 0.00	41.61 2.21 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.83 2.56 0.00	56.04 2.67 0.00	56.93 2.45 0.00	57.33 2.37 0.17	59.55 2.47 0.38	61.91 2.52 0.56	64.11 2.56 0.83	67.25 3.13 1.04	72.65 3.38 1.20	82.25 4.12 1.16	77.88 3.91 1.29	72.82 3.76 0.58	67.79 3.47 0.00	64.88 3.38 0.00	55.63 3.10 0.00	48.96 2.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.98 -0.47 0.00	43.95 -1.03 0.00	39.68 -0.44 0.00	37.51 -0.73 0.00	37.73 -0.54 0.00	38.81 -0.59 0.00	42.53 -0.96 -0.07	45.93 -1.37 -0.10	49.48 -0.90 -0.11	52.24 -1.12 0.00	53.93 -0.71 -0.17	55.01 -0.38 -0.26	57.66 0.00 -0.20	60.32 0.06 -0.30	62.76 0.13 -0.25	66.29 0.78 -0.34	72.23 1.34 -0.43	81.13 1.35 -0.49	77.15 1.88 0.00	71.59 1.95 0.00	65.22 0.90 0.00	61.75 0.25 0.00	53.16 0.63 0.00	47.44 0.98 0.00

NEG CENTRAL___DRP 24199	48.17 0.71 0.00	45.17 0.18 0.00	40.60 0.48 0.00	38.50 0.27 0.00	38.68 0.42 0.00	39.83 0.43 0.00	43.84 0.26 -0.16	47.39 -0.05 -0.24	50.63 0.10 -0.27	53.47 0.11 0.00	55.19 0.33 -0.39	56.40 0.66 -0.60	58.89 0.98 -0.45	61.73 1.08 -0.69	64.15 1.19 -0.58	67.77 1.82 -0.78	73.85 2.40 -0.99	82.80 2.38 -1.14	78.35 3.09 0.00	72.64 2.99 0.00	66.38 2.06 0.00	63.10 1.60 0.00	54.10 1.58 0.00	47.85 1.39 0.00
NEG CENTRAL___INDECK 23768	49.78 2.32 0.00	46.38 1.40 0.00	41.97 1.85 0.00	39.61 1.37 0.00	39.94 1.68 0.00	41.13 1.73 0.00	44.72 1.30 0.00	47.86 0.66 0.00	51.27 1.00 0.00	52.19 -1.17 0.00	53.60 -0.87 0.00	54.58 -0.55 0.00	57.29 -0.17 0.00	59.78 -0.18 0.00	62.26 -0.12 0.00	66.34 1.17 0.00	72.79 2.32 0.00	81.82 2.54 0.00	78.95 3.69 0.00	74.17 4.52 0.00	67.73 3.41 0.00	63.96 2.46 0.00	55.10 2.57 0.00	50.78 4.32 0.00
NEG CENTRAL___SENECA 23627	48.50 1.04 0.00	45.43 0.45 0.00	40.88 0.76 0.00	38.73 0.50 0.00	38.95 0.69 0.00	40.11 0.71 0.00	43.99 0.48 -0.09	47.48 0.14 -0.15	50.73 0.30 -0.16	53.58 0.21 0.00	55.20 0.49 -0.24	56.44 0.94 -0.37	59.06 1.32 -0.27	61.82 1.44 -0.42	64.29 1.56 -0.35	67.98 2.35 -0.47	74.17 3.10 -0.60	83.15 3.17 -0.69	79.33 4.06 0.00	73.54 3.90 0.00	67.09 2.77 0.00	63.65 2.15 0.00	54.63 2.10 0.00	48.32 1.86 0.00
NEG CENTRAL___STATE_STREET 24147	47.98 0.52 0.00	45.12 0.13 0.00	40.48 0.36 0.00	38.50 0.27 0.00	38.57 0.31 0.00	39.72 0.32 0.00	43.78 0.17 -0.19	47.49 0.00 -0.29	50.74 0.15 -0.32	53.58 0.21 0.00	55.33 0.38 -0.48	56.58 0.72 -0.73	58.99 0.98 -0.55	61.82 1.02 -0.84	64.15 1.06 -0.71	67.74 1.63 -0.95	73.64 1.97 -1.20	82.73 2.06 -1.38	77.83 2.56 0.00	72.08 2.44 0.00	66.12 1.80 0.00	62.98 1.48 0.00	53.89 1.37 0.00	47.57 1.11 0.00
NEG MILLWOOD___DRP 24198	50.73 3.27 0.00	48.18 3.19 0.00	42.69 2.57 0.00	40.64 2.41 0.00	40.67 2.41 0.00	41.92 2.52 0.00	46.42 3.00 0.00	50.12 2.93 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.69 3.21 0.00	58.60 3.31 -0.15	61.19 3.39 -0.33	64.11 3.66 -0.49	67.10 3.99 -0.72	71.09 5.02 -0.91	76.59 5.07 -1.05	86.32 6.03 -1.01	81.22 4.82 -1.13	74.19 4.04 -0.50	67.66 3.34 0.00	64.45 2.95 0.00	55.84 3.31 0.00	49.11 2.65 0.00
NEG NORTH_FLCN_SEA 23793	46.79 -0.66 0.00	44.54 -0.45 0.00	39.72 -0.40 0.00	37.89 -0.34 0.00	37.92 -0.34 0.00	39.08 -0.32 0.00	43.08 -0.35 0.00	46.77 -0.42 0.00	49.76 -0.50 0.00	52.94 -0.43 0.00	53.16 -1.31 0.00	53.26 -1.87 0.00	55.51 -1.95 0.00	58.10 -1.86 0.00	60.32 -2.06 0.00	61.97 -3.19 0.00	67.15 -3.31 0.00	75.88 -3.41 0.00	71.96 -3.31 0.00	66.72 -2.92 0.00	62.20 -2.12 0.00	59.72 -1.78 0.00	50.79 -1.73 0.00	45.67 -0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	46.89 -0.57 0.00	44.63 -0.36 0.00	39.80 -0.32 0.00	37.97 -0.27 0.00	37.99 -0.27 0.00	39.16 -0.24 0.00	43.12 -0.30 0.00	47.05 -0.14 0.00	50.07 -0.20 0.00	53.26 -0.11 0.00	53.98 -0.49 0.00	54.31 -0.83 0.00	56.55 -0.92 0.00	59.12 -0.84 0.00	61.44 -0.94 0.00	63.21 -1.95 0.00	68.56 -1.90 0.00	77.46 -1.82 0.00	73.46 -1.81 0.00	68.18 -1.46 0.00	63.55 -0.77 0.00	61.01 -0.49 0.00	51.58 -0.95 0.00	45.90 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	47.17 -0.28 0.00	44.85 -0.13 0.00	40.00 -0.12 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.40 0.00 0.00	43.38 -0.04 0.00	47.20 0.00 0.00	50.22 -0.05 0.00	53.42 0.05 0.00	53.87 -0.60 0.00	54.09 -1.05 0.00	56.37 -1.09 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	62.95 -2.22 0.00	68.28 -2.18 0.00	77.22 -2.06 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.36 -0.96 0.00	60.82 -0.68 0.00	51.58 -0.95 0.00	46.13 -0.33 0.00
NEG NORTH___LWR_SARANAC 23913	47.17 -0.28 0.00	44.85 -0.13 0.00	40.00 -0.12 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.40 0.00 0.00	43.38 -0.04 0.00	47.20 0.00 0.00	50.22 -0.05 0.00	53.42 0.05 0.00	53.87 -0.60 0.00	54.09 -1.05 0.00	56.37 -1.09 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	62.95 -2.22 0.00	68.28 -2.18 0.00	77.22 -2.06 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.36 -0.96 0.00	60.82 -0.68 0.00	51.58 -0.95 0.00	46.13 -0.33 0.00
NEG NORTH___PLATTSBURG 23628	47.17 -0.28 0.00	44.85 -0.13 0.00	40.00 -0.12 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.40 0.00 0.00	43.38 -0.04 0.00	47.53 0.33 0.00	50.22 -0.05 0.00	52.78 -0.59 0.00	53.55 -0.93 0.00	54.09 -1.05 0.00	56.37 -1.09 0.00	59.00 -0.96 0.00	61.26 -1.12 0.00	62.95 -2.22 0.00	68.28 -2.19 0.00	76.98 -2.30 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.29 -1.03 0.00	60.83 -0.68 0.00	51.58 -0.94 0.00	45.95 -0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	46.74 -0.71 0.00	43.50 -1.48 0.00	39.60 -0.52 0.00	37.36 -0.88 0.00	37.53 -0.73 0.00	38.81 -0.59 0.00	41.82 -1.61 0.00	44.32 -2.88 0.00	48.31 -1.96 0.00	50.81 -2.56 0.00	52.57 -1.91 0.00	53.76 -1.38 0.00	56.66 -0.80 0.00	59.06 -0.90 0.00	61.63 -0.75 0.00	65.30 0.13 0.00	71.73 1.27 0.00	79.84 0.56 0.00	77.37 2.11 0.00	71.87 2.23 0.00	64.51 0.19 0.00	60.89 -0.62 0.00	53.21 0.68 0.00	47.57 1.11 0.00
NEG WEST___LANCASTR 23811	46.93 -0.52 0.00	43.68 -1.30 0.00	39.56 -0.56 0.00	37.43 -0.80 0.00	37.73 -0.54 0.00	38.93 -0.47 0.00	42.12 -1.30 0.00	44.93 -2.27 0.00	48.96 -1.31 0.00	51.34 -2.03 0.00	52.95 -1.53 0.00	54.20 -0.94 0.00	57.12 -0.34 0.00	59.78 -0.18 0.00	62.32 -0.06 0.00	66.14 0.98 0.00	72.79 2.33 0.00	80.95 1.67 0.00	78.50 3.24 0.00	72.78 3.13 0.00	65.35 1.03 0.00	61.56 0.06 0.00	53.63 1.10 0.00	47.71 1.25 0.00
NEG_PENN_ALLEGHNY 23528	48.31 0.86 0.00	45.48 0.50 0.00	40.76 0.64 0.00	38.70 0.46 0.00	38.84 0.57 0.00	39.99 0.59 0.00	43.90 0.48 0.00	47.39 0.19 0.00	50.77 0.50 0.00	54.11 0.75 0.00	55.34 0.87 0.00	56.24 1.10 0.00	58.79 1.32 0.00	61.40 1.44 0.00	63.94 1.56 0.00	67.38 2.22 0.00	72.93 2.47 0.00	82.06 2.77 0.00	78.20 2.93 0.00	72.36 2.71 0.00	66.32 2.00 0.00	62.98 1.47 0.00	54.16 1.63 0.00	47.99 1.53 0.00
NEG___GEN_MONROE 24207	48.17 0.71 0.00	45.03 0.04 0.00	40.68 0.56 0.00	38.43 0.19 0.00	38.64 0.38 0.00	39.79 0.39 0.00	43.34 -0.09 0.00	46.39 -0.80 0.00	50.02 -0.25 0.00	52.78 -0.59 0.00	54.47 0.00 0.00	55.58 0.44 0.00	58.33 0.86 0.00	60.86 0.90 0.00	63.44 1.06 0.00	66.99 1.82 0.00	73.14 2.68 0.00	81.82 2.54 0.00	79.03 3.76 0.00	73.47 3.83 0.00	66.64 2.32 0.00	63.16 1.66 0.00	54.58 2.05 0.00	48.50 2.04 0.00
NEPA___ENERGY 23901	47.74 0.28 0.00	44.40 -0.58 0.00	40.24 0.12 0.00	38.04 -0.19 0.00	38.38 0.11 0.00	39.56 0.16 0.00	42.90 -0.52 0.00	45.73 -1.46 0.00	49.71 -0.55 0.00	52.09 -1.28 0.00	53.76 -0.71 0.00	55.03 -0.11 0.00	57.98 0.52 0.00	60.62 0.66 0.00	63.25 0.87 0.00	67.12 1.95 0.00	73.85 3.38 0.00	82.22 2.93 0.00	79.78 4.52 0.00	74.03 4.39 0.00	66.51 2.19 0.00	62.67 1.17 0.00	54.58 2.05 0.00	48.41 1.95 0.00

NEVERSINK___HYD 23608	50.02 2.56 0.00	47.46 2.47 0.00	42.13 2.01 0.00	40.07 1.84 0.00	40.10 1.84 0.00	41.33 1.93 0.00	45.68 2.26 0.00	49.22 2.03 0.00	52.28 2.01 0.00	55.61 2.24 0.00	56.65 2.18 0.00	57.45 2.21 -0.11	60.06 2.36 -0.24	62.11 2.46 0.31	64.79 2.62 0.21	68.52 3.52 0.16	73.94 3.66 0.19	83.42 4.60 0.47	78.70 3.69 0.26	73.20 3.21 -0.36	67.15 2.83 0.00	63.84 2.34 0.00	55.20 2.68 0.00	48.45 2.00 0.00
NEWKRMKL_115KV_TB1 55635	48.36 0.90 0.00	45.97 0.99 0.00	40.76 0.64 0.00	38.89 0.65 0.00	38.87 0.61 0.00	40.07 0.67 0.00	44.29 0.87 0.00	47.86 0.66 0.00	50.92 0.65 0.00	54.01 0.64 0.00	55.07 0.60 0.00	55.55 0.55 0.13	57.52 0.34 0.29	59.70 0.18 0.43	61.93 0.19 0.64	65.01 0.65 0.80	70.03 0.49 0.93	79.03 0.63 0.89	74.57 0.30 1.00	69.41 0.21 0.44	64.45 0.13 0.00	61.69 0.18 0.00	53.05 0.53 0.00	46.83 0.37 0.00
NEWTON___FALLS_HYD 23847	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.23 0.90 -0.14	51.38 0.96 -0.16	54.44 1.07 0.00	55.79 1.09 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.36 -0.26 -0.46	70.91 -0.14 -0.58	80.20 0.24 -0.67	75.72 0.45 0.00	70.69 1.04 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
NGRID_A1_DSASP 323792	45.84 -1.61 0.00	42.69 -2.29 0.00	39.00 -1.12 0.00	36.67 -1.57 0.00	37.04 -1.23 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.85 -3.35 0.00	47.91 -2.36 0.00	50.33 -3.04 0.00	52.02 -2.45 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.32 -0.85 0.00	70.61 0.14 0.00	78.89 -0.39 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.68 -0.64 0.00	59.84 -1.66 0.00	52.32 -0.21 0.00	47.48 1.02 0.00
NGRID_A2_DSASP 323793	45.84 -1.61 0.00	42.69 -2.29 0.00	39.00 -1.12 0.00	36.67 -1.57 0.00	37.04 -1.23 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.85 -3.35 0.00	47.91 -2.36 0.00	50.33 -3.04 0.00	52.02 -2.45 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.32 -0.85 0.00	70.61 0.14 0.00	78.89 -0.39 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.68 -0.64 0.00	59.84 -1.66 0.00	52.32 -0.21 0.00	47.48 1.02 0.00
NGRID_A4_DSASP 323807	45.84 -1.61 0.00	42.69 -2.29 0.00	39.00 -1.12 0.00	36.67 -1.57 0.00	37.04 -1.23 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.85 -3.35 0.00	47.91 -2.36 0.00	50.33 -3.04 0.00	52.02 -2.45 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.32 -0.85 0.00	70.61 0.14 0.00	78.89 -0.39 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.68 -0.64 0.00	59.84 -1.66 0.00	52.32 -0.21 0.00	47.48 1.02 0.00
NIAGARA_115E_LBMP 323715	46.32 -1.14 0.00	43.18 -1.80 0.00	39.40 -0.72 0.00	37.09 -1.15 0.00	37.46 -0.81 0.00	38.53 -0.87 0.00	41.38 -2.04 0.00	43.94 -3.26 0.00	47.96 -2.31 0.00	50.38 -2.99 0.00	52.13 -2.34 0.00	53.15 -1.98 0.00	55.92 -1.55 0.00	58.28 -1.68 0.00	60.76 -1.62 0.00	64.51 -0.65 0.00	70.89 0.43 0.00	79.21 -0.08 0.00	76.32 1.05 0.00	70.90 1.25 0.00	63.94 -0.38 0.00	60.09 -1.41 0.00	52.47 -0.05 0.00	47.76 1.30 0.00
NIAGARA_115W_LBMP 323714	45.75 -1.71 0.00	42.60 -2.39 0.00	38.88 -1.24 0.00	36.59 -1.64 0.00	36.96 -1.30 0.00	38.02 -1.38 0.00	41.08 -2.35 0.00	43.75 -3.44 0.00	47.75 -2.51 0.00	50.17 -3.20 0.00	51.91 -2.56 0.00	52.93 -2.21 0.00	55.68 -1.78 0.00	57.98 -1.98 0.00	60.45 -1.93 0.00	64.12 -1.05 0.00	70.40 -0.07 0.00	78.65 -0.64 0.00	75.80 0.53 0.00	70.41 0.77 0.00	63.55 -0.77 0.00	59.66 -1.84 0.00	52.16 -0.37 0.00	47.34 0.88 0.00
NIAGARA_230_LBMP 323716	46.37 -1.09 0.00	43.18 -1.80 0.00	39.40 -0.72 0.00	37.09 -1.15 0.00	37.46 -0.81 0.00	38.53 -0.87 0.00	41.68 -1.74 0.00	44.41 -2.78 0.00	48.41 -1.86 0.00	50.86 -2.51 0.00	52.62 -1.85 0.00	53.59 -1.54 0.00	56.37 -1.09 0.00	58.70 -1.26 0.00	61.26 -1.12 0.00	65.04 -0.13 0.00	71.32 0.85 0.00	79.76 0.48 0.00	76.85 1.58 0.00	71.38 1.74 0.00	64.38 0.06 0.00	60.52 -0.99 0.00	52.84 0.32 0.00	47.90 1.44 0.00
NIAGARA___115KV_198_GIBSON 55903	45.75 -1.71 0.00	42.56 -2.43 0.00	38.84 -1.28 0.00	36.59 -1.64 0.00	37.34 -0.92 0.00	38.02 -1.38 0.00	41.08 -2.34 0.00	43.51 -3.68 0.00	47.50 -2.76 0.00	50.01 -3.36 0.00	51.69 -2.78 0.00	52.87 -2.26 0.00	55.68 -1.78 0.00	57.98 -1.98 0.00	60.45 -1.93 0.00	64.06 -1.11 0.00	70.40 -0.07 0.00	78.26 -1.03 0.00	75.79 0.53 0.00	70.41 0.77 0.00	63.23 -1.09 0.00	59.66 -1.85 0.00	52.21 -0.32 0.00	46.74 0.28 0.00
NIAGARA____ 23760	46.37 -1.09 0.00	43.18 -1.80 0.00	39.40 -0.72 0.00	37.09 -1.15 0.00	37.46 -0.81 0.00	38.53 -0.87 0.00	41.68 -1.74 0.00	44.41 -2.78 0.00	48.41 -1.86 0.00	50.86 -2.51 0.00	52.62 -1.85 0.00	53.59 -1.54 0.00	56.37 -1.09 0.00	58.70 -1.26 0.00	61.26 -1.12 0.00	65.04 -0.13 0.00	71.32 0.85 0.00	79.76 0.48 0.00	76.85 1.58 0.00	71.38 1.74 0.00	64.38 0.06 0.00	60.52 -0.99 0.00	52.84 0.32 0.00	47.90 1.44 0.00
NINE_MILE_1 23575	46.27 -1.18 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.20 -1.03 0.00	37.23 -1.03 0.00	38.34 -1.06 0.00	39.86 -1.26 2.30	42.14 -1.51 3.55	44.83 -1.51 3.93	51.77 -1.60 0.00	47.09 -1.52 5.85	44.74 -1.43 8.96	49.38 -1.38 6.71	48.21 -1.44 10.30	52.24 -1.50 8.64	52.29 -1.30 11.57	54.44 -1.34 14.69	60.90 -1.51 16.88	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
NINE_MILE_2 23744	46.27 -1.18 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.20 -1.03 0.00	37.23 -1.03 0.00	38.34 -1.06 0.00	39.84 -1.26 2.32	42.10 -1.51 3.58	44.79 -1.51 3.97	51.77 -1.60 0.00	47.04 -1.52 5.91	44.66 -1.43 9.04	49.32 -1.38 6.77	48.12 -1.44 10.40	52.17 -1.50 8.72	52.19 -1.30 11.68	54.30 -1.34 14.82	60.74 -1.51 17.03	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
NM_CAPITAL___DRP 24208	48.40 0.95 0.00	46.02 1.03 0.00	40.84 0.72 0.00	38.96 0.73 0.00	38.95 0.69 0.00	40.15 0.75 0.00	44.38 0.96 0.00	47.95 0.76 0.00	50.97 0.70 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.59 0.61 0.15	57.54 0.40 0.33	59.78 0.30 0.48	61.98 0.31 0.71	65.06 0.78 0.89	70.07 0.63 1.03	79.09 0.79 0.99	74.61 0.45 1.11	69.43 0.28 0.49	64.51 0.19 0.00	61.75 0.25 0.00	53.10 0.58 0.00	46.88 0.42 0.00
NM_CENTRAL___DRP 24181	47.27 -0.19 0.00	44.49 -0.49 0.00	39.84 -0.28 0.00	37.89 -0.34 0.00	37.96 -0.31 0.00	39.08 -0.32 0.00	43.06 -0.43 -0.07	46.65 -0.66 -0.11	49.89 -0.50 -0.12	52.89 -0.48 0.00	54.27 -0.38 -0.18	55.25 -0.17 -0.28	57.68 0.00 -0.21	60.28 0.00 -0.32	62.65 0.00 -0.27	65.98 0.46 -0.36	71.42 0.49 -0.46	80.21 0.40 -0.53	75.94 0.68 0.00	70.27 0.63 0.00	64.51 0.19 0.00	61.50 0.00 0.00	52.68 0.16 0.00	46.60 0.14 0.00

NM_FRONTIER___DRP 24179	45.75 -1.71 0.00	42.56 -2.43 0.00	38.84 -1.28 0.00	36.59 -1.64 0.00	37.34 -0.92 0.00	38.02 -1.38 0.00	41.08 -2.34 0.00	43.51 -3.68 0.00	47.50 -2.76 0.00	50.01 -3.36 0.00	51.69 -2.78 0.00	52.87 -2.26 0.00	55.68 -1.78 0.00	57.98 -1.98 0.00	60.45 -1.93 0.00	64.06 -1.11 0.00	70.40 -0.07 0.00	78.26 -1.03 0.00	75.79 0.53 0.00	70.41 0.77 0.00	63.23 -1.09 0.00	59.66 -1.85 0.00	52.21 -0.32 0.00	46.74 0.28 0.00
NM_ST_REGIS___HYD 24053	47.55 0.09 0.00	45.26 0.27 0.00	40.36 0.24 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.72 0.32 0.00	43.77 0.35 0.00	47.90 0.71 0.00	50.97 0.70 0.00	54.17 0.80 0.00	55.13 0.65 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.38 0.42 0.00	62.38 0.00 0.00	63.80 -1.37 0.00	69.06 -1.41 0.00	78.02 -1.27 0.00	74.06 -1.20 0.00	68.95 -0.70 0.00	64.26 -0.06 0.00	61.75 0.25 0.00	52.42 -0.11 0.00	46.64 0.19 0.00
NORTHPORT___1 23551	49.58 2.75 0.62	48.41 3.42 -0.01	46.52 3.53 -2.87	46.76 3.29 -5.24	46.60 3.29 -5.05	44.77 3.47 -1.90	47.34 3.91 -0.01	49.04 1.84 0.00	50.13 1.30 1.44	50.03 1.60 4.93	45.09 2.34 11.73	44.46 2.59 13.27	44.46 2.59 15.59	44.46 2.82 18.32	46.49 3.12 19.01	50.23 4.17 19.11	56.32 4.23 18.37	61.65 5.15 22.78	53.05 3.54 25.76	54.31 2.86 18.19	50.14 2.00 16.18	48.42 1.78 14.86	44.24 2.37 10.65	44.46 1.58 3.58
NORTHPORT___2 23552	49.58 2.75 0.62	48.41 3.42 -0.01	46.52 3.53 -2.87	46.76 3.29 -5.24	46.60 3.29 -5.05	44.77 3.47 -1.90	47.34 3.91 -0.01	49.04 1.84 0.00	50.13 1.30 1.44	50.03 1.60 4.93	45.09 2.34 11.73	44.46 2.59 13.27	44.46 2.59 15.59	44.46 2.82 18.32	46.49 3.12 19.01	50.23 4.17 19.11	56.32 4.23 18.37	61.65 5.15 22.78	53.05 3.54 25.76	54.31 2.86 18.19	50.14 2.00 16.18	48.42 1.78 14.86	44.24 2.37 10.65	44.46 1.58 3.58
NORTHPORT___3 23553	49.67 2.61 0.39	48.45 3.46 0.00	45.84 2.85 -2.87	46.15 2.68 -5.24	45.99 2.68 -5.05	44.10 2.80 -1.90	46.51 3.08 -0.01	48.51 1.32 0.01	49.72 0.91 1.45	49.65 1.23 4.94	44.48 1.79 11.79	45.24 2.09 11.99	43.91 2.13 15.68	43.88 2.34 18.42	45.88 2.62 19.12	49.60 3.65 19.21	55.78 3.73 18.42	61.03 4.60 22.85	52.47 3.01 25.81	53.74 2.29 18.19	49.68 1.54 16.18	47.80 1.17 14.87	43.84 1.94 10.63	43.98 1.11 3.59
NORTHPORT___4 23650	49.67 2.61 0.39	48.45 3.46 0.00	45.84 2.85 -2.87	46.15 2.68 -5.24	45.99 2.68 -5.05	44.10 2.80 -1.90	46.51 3.08 -0.01	48.51 1.32 0.01	49.72 0.91 1.45	49.65 1.23 4.94	44.48 1.79 11.79	45.24 2.09 11.99	43.91 2.13 15.68	43.88 2.34 18.42	45.88 2.62 19.12	49.60 3.65 19.21	55.78 3.73 18.42	61.03 4.60 22.85	52.47 3.01 25.81	53.74 2.29 18.19	49.68 1.54 16.18	47.80 1.17 14.87	43.84 1.94 10.63	43.98 1.11 3.59
NORTHPORT___IC 23718	49.63 2.80 0.62	48.27 3.28 0.00	46.52 3.53 -2.87	46.76 3.29 -5.24	46.60 3.29 -5.05	44.77 3.47 -1.90	47.33 3.91 0.00	50.08 2.88 0.00	50.33 1.51 1.44	49.98 1.55 4.93	45.03 2.29 11.73	44.46 2.59 13.27	44.46 2.59 15.59	44.46 2.82 18.32	46.48 3.12 19.02	50.22 4.17 19.11	56.31 4.23 18.38	61.42 4.92 22.78	53.05 3.54 25.76	54.31 2.86 18.19	50.07 1.93 16.18	48.42 1.78 14.86	44.24 2.36 10.65	44.55 1.67 3.58
NORTH___COUNTRY_ESR 323785	46.79 -0.66 0.00	44.54 -0.45 0.00	39.68 -0.44 0.00	37.85 -0.38 0.00	37.92 -0.35 0.00	39.04 -0.36 0.00	42.99 -0.43 0.00	47.20 0.00 0.00	50.02 -0.25 0.00	52.83 -0.53 0.00	53.71 -0.76 0.00	54.31 -0.83 0.00	56.54 -0.92 0.00	59.12 -0.84 0.00	61.45 -0.93 0.00	63.21 -1.95 0.00	68.49 -1.97 0.00	76.98 -2.30 0.00	73.24 -2.03 0.00	67.97 -1.67 0.00	63.16 -1.16 0.00	60.77 -0.74 0.00	51.37 -1.16 0.00	45.67 -0.79 0.00
NPX_GEN_1385_PROXY 323591	49.06 2.23 0.62	47.74 2.74 -0.01	44.00 2.81 -1.07	42.00 2.60 -1.16	40.00 2.60 0.86	44.06 2.76 -1.90	46.86 3.43 -0.01	48.28 1.09 0.00	49.27 0.45 1.44	49.50 1.07 4.93	45.20 2.45 11.73	44.51 2.65 13.27	44.34 2.47 15.59	44.52 2.88 18.32	46.61 3.24 19.01	50.10 4.04 19.11	56.18 4.09 18.37	61.50 5.00 22.78	52.90 3.39 25.76	54.17 2.71 18.19	50.14 2.00 16.18	48.30 1.66 14.86	44.69 1.79 9.63	43.06 1.21 4.61
NPX_GEN_CSC 323557	59.53 3.94 -8.13	49.58 4.50 -0.10	47.04 4.05 -2.87	47.30 3.82 -5.24	47.13 3.83 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.99 2.78 -0.01	52.68 2.46 0.05	55.87 2.83 0.32	58.07 3.59 0.00	74.42 3.86 -15.43	62.94 4.08 -1.40	67.77 4.08 -3.73	67.59 4.24 -0.96	34.64 5.34 35.87	202.13 5.71 -125.95	256.33 6.98 -170.06	302.94 5.65 -222.03	234.89 4.80 -160.44	190.80 3.79 -122.68	80.59 3.38 -15.71	56.52 3.62 -0.37	51.16 2.69 -2.01
NSINS_S_GLNS_FALLS 23858	50.97 3.51 0.00	48.31 3.33 0.00	42.77 2.65 0.00	40.76 2.52 0.00	40.79 2.53 0.00	42.08 2.68 0.00	46.51 3.08 0.00	50.26 3.07 0.00	53.58 3.32 0.00	56.73 3.36 0.00	57.30 2.83 0.00	57.74 2.76 0.15	60.01 2.87 0.33	62.35 2.88 0.49	64.53 2.87 0.72	67.65 3.39 0.91	73.08 3.66 1.05	82.64 4.36 1.01	79.03 4.89 1.13	74.01 4.87 0.50	69.02 4.70 0.00	66.24 4.74 0.00	56.62 4.10 0.00	49.76 3.30 0.00
NUCOR_STEEL___DRP 24197	48.02 0.57 0.00	45.17 0.18 0.00	40.52 0.40 0.00	38.50 0.27 0.00	38.57 0.31 0.00	39.72 0.32 0.00	43.76 0.13 -0.20	47.41 -0.09 -0.31	50.66 0.05 -0.35	53.42 0.05 0.00	55.26 0.27 -0.52	56.42 0.50 -0.79	58.80 0.75 -0.59	61.65 0.78 -0.91	63.95 0.81 -0.76	67.55 1.37 -1.02	73.45 1.69 -1.29	82.52 1.74 -1.49	77.53 2.26 0.00	71.80 2.16 0.00	65.86 1.54 0.00	62.79 1.29 0.00	53.74 1.21 0.00	47.53 1.07 0.00
NUMBER_THREE_WT_PWR 323818	49.02 1.56 0.00	46.29 1.31 0.00	41.32 1.20 0.00	39.38 1.15 0.00	39.41 1.15 0.00	40.66 1.26 0.00	45.00 1.48 -0.10	48.82 1.46 -0.16	52.10 1.66 -0.18	55.08 1.71 0.00	56.53 1.79 -0.26	57.36 1.82 -0.41	59.38 1.61 -0.30	62.04 1.62 -0.47	64.33 1.56 -0.39	67.19 1.50 -0.52	72.96 1.83 -0.66	82.51 2.46 -0.76	77.97 2.71 0.00	72.92 3.27 0.00	67.22 2.90 0.00	64.14 2.64 0.00	54.57 2.05 0.00	48.18 1.72 0.00
NYISO_LBMP_REFERENCE 24008	47.45 0.00 0.00	44.99 0.00 0.00	40.12 0.00 0.00	38.24 0.00 0.00	38.26 0.00 0.00	39.40 0.00 0.00	43.42 0.00 0.00	47.20 0.00 0.00	50.27 0.00 0.00	53.37 0.00 0.00	54.47 0.00 0.00	55.14 0.00 0.00	57.47 0.00 0.00	59.96 0.00 0.00	62.38 0.00 0.00	65.17 0.00 0.00	70.47 0.00 0.00	79.29 0.00 0.00	75.27 0.00 0.00	69.64 0.00 0.00	64.32 0.00 0.00	61.50 0.00 0.00	52.53 0.00 0.00	46.46 0.00 0.00
NYPA_BRENTWD____GT 24164	61.54 3.99 -10.10	49.51 4.50 -0.03	47.20 4.21 -2.87	47.45 3.98 -5.24	47.29 3.98 -5.05	45.44 4.14 -1.90	48.08 4.65 -0.01	50.12 2.93 0.00	52.72 2.56 0.11	55.89 2.93 0.41	58.21 3.71 -0.03	110.74 4.02 -51.58	62.02 3.96 -0.59	65.44 4.26 -1.22	67.92 4.68 -0.86	72.39 5.80 -1.42	103.38 5.64 -27.28	122.21 6.74 -36.19	127.64 5.04 -47.32	107.52 4.25 -33.63	92.76 3.21 -25.23	66.99 3.26 -2.24	56.31 3.78 0.01	49.62 2.79 -0.38

NYPA_GOWANUS____GT5 24156	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.50 3.30 -0.81	70.68 4.49 -1.03	76.30 4.65 -1.19	85.98 5.55 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.27 2.96 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NYPA_GOWANUS____GT6 24157	51.26 3.80 -0.01	48.81 3.82 -0.01	43.26 3.13 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.55 3.35 0.00	53.08 2.81 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.57 3.06 -0.55	66.50 3.30 -0.81	70.68 4.49 -1.03	76.30 4.65 -1.19	85.98 5.55 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.27 2.96 0.01	63.77 2.28 0.01	55.89 3.36 0.00	49.72 3.25 -0.01
NYPA_HARLEM__RVR__GT1 24160	51.02 3.56 -0.01	48.64 3.64 -0.01	43.02 2.89 -0.01	40.96 2.72 -0.01	40.95 2.68 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.93 2.66 0.00	56.46 3.09 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.55 2.70 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.66 5.23 -1.14	80.38 3.84 -1.28	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.02 3.56 -0.01	48.64 3.64 -0.01	43.02 2.89 -0.01	40.96 2.72 -0.01	40.95 2.68 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.93 2.66 0.00	56.46 3.09 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.55 2.70 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.66 5.23 -1.14	80.38 3.84 -1.28	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
NYPA_KENT____GT 24152	51.11 3.65 0.00	48.72 3.73 0.00	43.14 3.01 0.00	41.07 2.83 0.00	41.06 2.79 0.00	42.32 2.92 0.00	46.90 3.48 0.00	50.50 3.30 0.00	53.13 2.86 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.51 3.00 -0.55	66.44 3.24 -0.81	70.63 4.43 -1.03	76.30 4.65 -1.19	85.98 5.55 -1.14	80.69 4.14 -1.28	73.55 3.34 -0.57	67.21 2.90 0.01	63.65 2.15 0.01	55.84 3.31 0.00	49.58 3.11 0.00
NYPA_POUCH1____GT 24155	51.17 3.70 -0.01	48.77 3.78 -0.01	43.22 3.09 -0.01	41.15 2.90 -0.01	41.14 2.87 -0.01	42.36 2.96 0.00	46.90 3.48 0.00	50.41 3.21 0.00	52.82 2.56 0.01	56.29 2.93 0.01	53.28 2.99 4.18	52.27 2.98 5.84	53.26 2.76 6.96	55.52 2.70 7.14	59.34 3.06 6.10	59.59 4.17 9.75	71.13 4.30 3.63	80.81 5.15 3.62	75.98 3.76 3.05	67.27 3.06 5.43	66.95 2.64 0.01	55.64 1.97 7.83	52.57 3.10 3.06	49.58 3.11 -0.01
NYPA_VERNON____GT2 24162	51.02 3.56 0.00	48.59 3.60 0.00	43.01 2.89 0.00	40.99 2.75 0.00	40.98 2.72 0.00	42.24 2.84 0.00	46.81 3.39 0.00	50.45 3.25 0.00	53.18 2.91 0.00	56.68 3.31 0.00	57.80 3.32 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.51 3.00 -0.55	66.44 3.24 -0.82	70.56 4.37 -1.03	76.30 4.65 -1.19	85.98 5.55 -1.14	80.61 4.06 -1.28	73.55 3.34 -0.57	67.14 2.83 0.01	63.65 2.15 0.01	55.78 3.26 0.00	49.43 2.98 0.00
NYPA_VERNON____GT3 24163	51.02 3.56 0.00	48.59 3.60 0.00	43.01 2.89 0.00	40.99 2.75 0.00	40.98 2.72 0.00	42.24 2.84 0.00	46.81 3.39 0.00	50.45 3.25 0.00	53.18 2.91 0.00	56.68 3.31 0.00	57.80 3.32 0.00	58.56 3.25 -0.17	60.89 3.04 -0.38	63.51 3.00 -0.55	66.44 3.24 -0.82	70.56 4.37 -1.03	76.30 4.65 -1.19	85.98 5.55 -1.14	80.61 4.06 -1.28	73.55 3.34 -0.57	67.14 2.83 0.01	63.65 2.15 0.01	55.78 3.26 0.00	49.43 2.98 0.00
NYPA__ASTORIA_CC1 323568	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.08 2.81 0.00	56.52 3.15 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.37 4.17 -1.03	76.10 4.44 -1.19	85.74 5.31 -1.14	80.38 3.84 -1.28	73.34 3.14 -0.56	66.95 2.64 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.34 2.88 0.00
NYPA__ASTORIA_CC2 323569	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.08 2.81 0.00	56.52 3.15 0.00	57.63 3.16 0.00	58.39 3.09 -0.17	60.66 2.82 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.37 4.17 -1.03	76.10 4.44 -1.19	85.74 5.31 -1.14	80.38 3.84 -1.28	73.34 3.14 -0.56	66.95 2.64 0.01	63.46 1.97 0.01	55.68 3.15 0.00	49.34 2.88 0.00
NYPA__HOLTSVILL 23794	59.22 3.75 -8.02	49.40 4.32 -0.09	47.00 4.01 -2.87	47.22 3.75 -5.24	47.06 3.75 -5.05	45.20 3.90 -1.90	47.86 4.43 -0.01	49.94 2.74 -0.01	52.53 2.31 0.05	55.73 2.67 0.31	57.80 3.32 0.00	74.04 3.58 -15.33	62.58 3.73 -1.38	67.59 3.96 -3.67	67.64 4.30 -0.96	73.51 5.41 -2.94	199.82 5.64 -123.72	252.97 6.66 -167.02	298.45 5.12 -218.06	231.54 4.32 -157.58	188.15 3.34 -120.49	79.96 3.01 -15.45	55.31 3.41 0.63	52.00 2.55 -2.99
NYPA____HELLGATE_GT1 24158	51.02 3.56 -0.01	48.64 3.64 -0.01	43.02 2.89 -0.01	40.96 2.72 -0.01	40.95 2.68 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.93 2.66 0.00	56.46 3.09 0.00	57.63 3.16 0.00	58.34 3.03 -0.17	60.55 2.70 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.66 5.23 -1.14	80.38 3.84 -1.28	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
NYPA____HELLGATE_GT2 24159	51.02 3.56 -0.01	48.64 3.64 -0.01	43.02 2.89 -0.01	40.96 2.72 -0.01	40.95 2.68 -0.01	42.25 2.84 -0.01	46.85 3.43 0.00	50.45 3.25 0.00	52.93 2.66 0.00	56.46 3.09 0.00	57.63 3.16 0.00	58.34 3.03 -0.17	60.55 2.70 -0.38	63.21 2.70 -0.55	66.19 2.99 -0.81	70.30 4.11 -1.03	76.02 4.37 -1.19	85.66 5.23 -1.14	80.38 3.84 -1.28	73.41 3.21 -0.56	67.01 2.70 0.01	63.59 2.09 0.01	55.85 3.31 -0.01	49.48 3.02 -0.01
NYS_BARGE__HYD 23848	46.89 -0.57 0.00	43.68 -1.31 0.00	39.80 -0.32 0.00	37.47 -0.76 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	41.90 -1.52 0.00	44.60 -2.60 0.00	48.66 -1.61 0.00	51.13 -2.24 0.00	52.89 -1.58 0.00	53.92 -1.21 0.00	56.78 -0.69 0.00	59.24 -0.72 0.00	61.76 -0.62 0.00	65.49 0.33 0.00	71.95 1.48 0.00	80.48 1.19 0.00	77.60 2.34 0.00	72.08 2.44 0.00	64.96 0.64 0.00	61.07 -0.43 0.00	53.32 0.79 0.00	48.55 2.09 0.00
OAK ORCHARD__HYD 24046	47.69 0.24 0.00	44.62 -0.36 0.00	40.32 0.20 0.00	38.12 -0.11 0.00	38.38 0.12 0.00	39.48 0.08 0.00	43.07 -0.35 0.00	46.35 -0.85 0.00	50.07 -0.20 0.00	52.89 -0.48 0.00	54.47 0.00 0.00	55.52 0.39 0.00	58.27 0.80 0.00	60.80 0.84 0.00	63.38 0.99 0.00	66.99 1.82 0.00	73.08 2.61 0.00	81.90 2.61 0.00	78.58 3.31 0.00	72.98 3.34 0.00	66.38 2.06 0.00	62.67 1.17 0.00	54.10 1.57 0.00	48.41 1.95 0.00

OAKDALE___35_KV_LOAD 356122	48.07 0.62 0.00	45.26 0.27 0.00	40.56 0.44 0.00	38.54 0.31 0.00	38.68 0.42 0.00	39.83 0.43 0.00	43.68 0.26 0.00	47.15 -0.05 0.00	50.47 0.20 0.00	53.74 0.37 0.00	55.02 0.54 0.00	55.91 0.77 0.00	58.44 0.98 0.00	60.98 1.02 0.00	63.50 1.12 0.00	66.92 1.76 0.00	72.44 1.97 0.00	81.27 1.98 0.00	77.68 2.41 0.00	71.94 2.30 0.00	65.80 1.48 0.00	62.61 1.11 0.00	53.84 1.31 0.00	47.57 1.11 0.00
OCC_CHEM___DRP 24175	45.84 -1.61 0.00	42.69 -2.29 0.00	38.92 -1.20 0.00	36.67 -1.57 0.00	37.42 -0.84 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.66 -3.54 0.00	47.65 -2.61 0.00	50.11 -3.26 0.00	51.86 -2.61 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.25 -0.91 0.00	70.61 0.14 0.00	78.49 -0.79 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.42 -0.90 0.00	59.84 -1.66 0.00	52.37 -0.16 0.00	46.88 0.42 0.00
OH_GEN_PROXY 24063	46.41 -1.04 0.00	43.23 -1.76 0.00	39.40 -0.72 0.00	37.09 -1.15 0.00	37.46 -0.81 0.00	38.53 -0.87 0.00	41.73 -1.69 0.00	44.46 -2.74 0.00	48.51 -1.76 0.00	50.97 -2.40 0.00	52.68 -1.80 0.00	53.70 -1.43 0.00	56.49 -0.98 0.00	58.82 -1.14 0.00	61.38 -1.00 0.00	65.10 -0.07 0.00	71.45 0.99 0.00	80.00 0.71 0.00	77.00 1.73 0.00	71.52 1.88 0.00	64.51 0.19 0.00	60.58 -0.92 0.00	53.92 0.37 -1.03	46.87 1.44 1.03
OLIN_CORP_DRP 24177	46.41 -1.04 0.00	43.23 -1.75 0.00	39.40 -0.72 0.00	37.13 -1.11 0.00	37.19 -1.07 0.00	38.61 -0.79 0.00	41.47 -1.95 0.00	43.84 -3.35 0.00	47.85 -2.41 0.00	50.33 -3.04 0.00	52.08 -2.40 0.00	53.26 -1.87 0.00	56.09 -1.38 0.00	58.46 -1.50 0.00	60.95 -1.43 0.00	64.64 -0.52 0.00	71.03 0.56 0.00	78.97 -0.32 0.00	76.55 1.28 0.00	71.10 1.46 0.00	63.81 -0.51 0.00	60.21 -1.29 0.00	52.63 0.11 0.00	47.15 0.70 0.00
OLIN_CORP_DSASP 323712	45.84 -1.61 0.00	42.69 -2.29 0.00	39.00 -1.12 0.00	36.67 -1.57 0.00	37.04 -1.23 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.85 -3.35 0.00	47.91 -2.36 0.00	50.33 -3.04 0.00	52.02 -2.45 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.32 -0.85 0.00	70.61 0.14 0.00	78.89 -0.39 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.68 -0.64 0.00	59.84 -1.66 0.00	52.32 -0.21 0.00	47.48 1.02 0.00
ONEIDA_HERK_LFGE 323681	48.97 1.52 0.00	46.29 1.31 0.00	41.32 1.20 0.00	39.35 1.11 0.00	39.37 1.11 0.00	40.62 1.22 0.00	44.85 1.43 0.00	48.61 1.41 0.00	51.98 1.71 0.00	55.08 1.71 0.00	56.27 1.79 0.00	56.95 1.82 0.00	59.25 1.78 0.00	61.88 1.92 0.00	64.32 1.94 0.00	67.19 2.02 0.00	72.79 2.32 0.00	82.14 2.85 0.00	78.13 2.86 0.00	72.78 3.14 0.00	67.02 2.70 0.00	63.96 2.46 0.00	54.47 1.94 0.00	48.08 1.63 0.00
ONEIDA___115KV_TB4 55905	49.16 1.71 0.00	46.38 1.39 0.00	41.44 1.32 0.00	39.42 1.19 0.00	39.49 1.22 0.00	40.70 1.30 0.00	45.03 1.61 0.00	48.75 1.56 0.00	52.13 1.86 0.00	55.24 1.87 0.00	56.54 2.07 0.00	57.29 2.15 0.00	59.71 2.24 0.00	62.48 2.52 0.00	64.88 2.50 0.00	67.90 2.74 0.00	73.57 3.10 0.00	82.62 3.33 0.00	78.73 3.46 0.00	73.19 3.55 0.00	67.28 2.96 0.00	64.15 2.64 0.00	54.73 2.21 0.00	48.27 1.81 0.00
ONONDAGA_REF_OCCRA 23987	47.50 0.05 0.00	44.72 -0.27 0.00	40.04 -0.08 0.00	38.08 -0.15 0.00	38.15 -0.11 0.00	39.28 -0.12 0.00	43.19 -0.30 -0.07	46.84 -0.47 -0.11	50.04 -0.35 -0.13	53.05 -0.32 0.00	54.44 -0.22 -0.19	55.42 0.00 -0.29	57.91 0.23 -0.21	60.53 0.24 -0.33	62.91 0.25 -0.28	66.25 0.72 -0.37	71.71 0.78 -0.47	80.62 0.79 -0.54	76.40 1.13 0.00	70.69 1.04 0.00	64.90 0.58 0.00	61.87 0.37 0.00	52.95 0.42 0.00	46.83 0.37 0.00
ONONDAGA___COGEN 23986	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
ONTARIO___LFGE 23819	48.50 1.04 0.00	45.43 0.45 0.00	40.88 0.76 0.00	38.73 0.50 0.00	38.95 0.69 0.00	40.11 0.71 0.00	44.00 0.48 -0.09	47.53 0.19 -0.15	50.83 0.40 -0.16	53.69 0.32 0.00	55.31 0.60 -0.24	56.44 0.94 -0.37	59.06 1.32 -0.27	61.82 1.44 -0.42	64.29 1.56 -0.35	67.98 2.34 -0.47	74.17 3.10 -0.60	83.46 3.48 -0.69	79.33 4.06 0.00	73.54 3.90 0.00	67.22 2.90 0.00	63.65 2.15 0.00	54.63 2.10 0.00	48.60 2.14 0.00
ORANGEVILLE_WT_PWR 323706	47.60 0.14 0.00	44.40 -0.59 0.00	40.24 0.12 0.00	38.01 -0.23 0.00	38.34 0.08 0.00	39.48 0.08 0.00	42.77 -0.65 0.00	45.68 -1.51 0.00	49.41 -0.85 0.00	52.09 -1.28 0.00	53.66 -0.82 0.00	54.69 -0.44 0.00	57.47 0.00 0.00	60.02 0.06 0.00	62.57 0.19 0.00	66.20 1.04 0.00	72.79 2.32 0.00	81.50 2.22 0.00	78.50 3.23 0.00	73.05 3.41 0.00	66.25 1.93 0.00	62.36 0.86 0.00	54.21 1.68 0.00	48.83 2.37 0.00
ORANGEVILLE___ESR 323794	47.60 0.14 0.00	44.40 -0.59 0.00	40.24 0.12 0.00	38.01 -0.23 0.00	38.34 0.08 0.00	39.48 0.08 0.00	42.77 -0.65 0.00	45.68 -1.51 0.00	49.41 -0.85 0.00	52.09 -1.28 0.00	53.66 -0.82 0.00	54.69 -0.44 0.00	57.47 0.00 0.00	60.02 0.06 0.00	62.57 0.19 0.00	66.20 1.04 0.00	72.79 2.32 0.00	81.50 2.22 0.00	78.50 3.23 0.00	73.05 3.41 0.00	66.25 1.93 0.00	62.36 0.86 0.00	54.21 1.68 0.00	48.83 2.37 0.00
OSWEGATCHIE___HYD 24044	48.12 0.66 0.00	45.57 0.58 0.00	40.68 0.56 0.00	38.77 0.54 0.00	38.80 0.54 0.00	40.03 0.63 0.00	44.21 0.69 -0.09	48.28 0.94 -0.14	51.38 0.95 -0.16	54.33 0.96 0.00	55.69 0.98 -0.23	56.43 0.94 -0.36	58.48 0.75 -0.27	61.15 0.78 -0.41	63.22 0.50 -0.34	65.37 -0.26 -0.46	70.91 -0.14 -0.58	80.12 0.16 -0.67	75.72 0.45 0.00	70.69 1.05 0.00	65.48 1.16 0.00	62.67 1.17 0.00	53.32 0.79 0.00	47.25 0.79 0.00
OSWEGO___5 23606	46.60 -0.85 0.00	43.95 -1.03 0.00	39.40 -0.72 0.00	37.47 -0.76 0.00	37.53 -0.73 0.00	38.65 -0.75 0.00	43.98 -0.91 -1.47	48.33 -1.13 -2.26	51.67 -1.11 -2.51	52.19 -1.17 0.00	57.12 -1.09 -3.74	59.87 -0.99 -5.72	60.82 -0.92 -4.28	65.57 -0.96 -6.58	66.89 -1.00 -5.51	71.77 -0.78 -7.39	79.07 -0.77 -9.38	89.19 -0.87 -10.77	74.66 -0.60 0.00	69.08 -0.56 0.00	63.61 -0.71 0.00	60.64 -0.86 0.00	51.90 -0.63 0.00	46.04 -0.42 0.00
OSWEGO___6 23613	46.60 -0.85 0.00	43.95 -1.03 0.00	39.40 -0.72 0.00	37.47 -0.76 0.00	37.53 -0.73 0.00	38.65 -0.75 0.00	43.98 -0.91 -1.47	48.33 -1.13 -2.26	51.67 -1.11 -2.51	52.19 -1.17 0.00	57.12 -1.09 -3.74	59.87 -0.99 -5.72	60.82 -0.92 -4.28	65.57 -0.96 -6.58	66.89 -1.00 -5.51	71.77 -0.78 -7.39	79.07 -0.77 -9.38	89.19 -0.87 -10.77	74.66 -0.60 0.00	69.08 -0.56 0.00	63.61 -0.71 0.00	60.64 -0.86 0.00	51.90 -0.63 0.00	46.04 -0.42 0.00

OUTOKUMPU-AB___DRP 24206	47.17 -0.28 0.00	43.91 -1.08 0.00	39.92 -0.20 0.00	37.70 -0.54 0.00	38.11 -0.15 0.00	39.16 -0.24 0.00	42.25 -1.17 0.00	44.84 -2.36 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.33 -1.14 0.00	54.53 -0.61 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.28 0.96 0.00	61.75 0.25 0.00	53.89 1.37 0.00	48.18 1.72 0.00
OXBOW___BTM 323836	46.65 -0.81 0.00	43.41 -1.58 0.00	39.56 -0.56 0.00	37.28 -0.95 0.00	37.61 -0.65 0.00	38.73 -0.67 0.00	41.77 -1.65 0.00	44.55 -2.64 0.00	48.66 -1.61 0.00	51.13 -2.24 0.00	52.89 -1.58 0.00	53.97 -1.16 0.00	56.83 -0.63 0.00	59.30 -0.66 0.00	61.82 -0.56 0.00	65.10 -0.07 0.00	71.53 1.06 0.00	79.92 0.63 0.00	77.00 1.73 0.00	71.45 1.81 0.00	64.83 0.51 0.00	60.95 -0.55 0.00	53.26 0.74 0.00	48.27 1.81 0.00
OXBOW___ 24026	46.60 -0.85 0.00	43.41 -1.57 0.00	39.52 -0.60 0.00	37.28 -0.96 0.00	37.84 -0.42 0.00	38.73 -0.67 0.00	41.77 -1.65 0.00	44.32 -2.88 0.00	48.41 -1.86 0.00	50.97 -2.40 0.00	52.73 -1.74 0.00	53.92 -1.21 0.00	56.83 -0.63 0.00	59.30 -0.66 0.00	61.82 -0.56 0.00	65.10 -0.07 0.00	71.52 1.06 0.00	79.44 0.16 0.00	77.00 1.73 0.00	71.45 1.81 0.00	64.13 -0.19 0.00	60.95 -0.55 0.00	53.26 0.74 0.00	47.62 1.16 0.00
OXY_CHEM_DSASP 323612	45.84 -1.61 0.00	42.69 -2.29 0.00	38.92 -1.20 0.00	36.67 -1.57 0.00	37.42 -0.84 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.66 -3.54 0.00	47.65 -2.61 0.00	50.11 -3.26 0.00	51.86 -2.61 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.25 -0.91 0.00	70.61 0.14 0.00	78.49 -0.79 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.42 -0.90 0.00	59.84 -1.66 0.00	52.37 -0.16 0.00	46.88 0.42 0.00
OZONE_PARK_ESR 323760	51.39 3.94 0.00	48.90 3.91 0.00	43.29 3.17 0.00	41.18 2.94 0.00	41.17 2.91 0.00	42.43 3.03 0.00	47.11 3.69 0.00	50.88 3.68 0.00	53.89 3.62 0.00	57.21 3.84 0.00	58.34 3.87 0.00	59.22 3.91 0.00	61.70 3.85 0.00	64.42 3.90 -0.56	67.44 4.24 -0.82	71.67 5.47 -1.03	77.51 5.85 -1.20	87.02 6.58 -1.15	81.98 5.42 -1.29	74.81 4.60 -0.57	68.18 3.86 0.00	64.64 3.14 0.00	56.41 3.89 0.00	49.90 3.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.84 -1.61 0.00	42.69 -2.29 0.00	38.92 -1.20 0.00	36.67 -1.57 0.00	37.42 -0.84 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.66 -3.54 0.00	47.65 -2.61 0.00	50.11 -3.26 0.00	51.86 -2.61 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.25 -0.91 0.00	70.61 0.14 0.00	78.49 -0.79 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.42 -0.90 0.00	59.84 -1.66 0.00	52.37 -0.16 0.00	46.88 0.42 0.00
PACKARD___115KV_DUPONT_184 80571	45.84 -1.61 0.00	42.69 -2.29 0.00	38.92 -1.20 0.00	36.67 -1.57 0.00	37.42 -0.84 0.00	38.14 -1.26 0.00	41.21 -2.21 0.00	43.66 -3.54 0.00	47.65 -2.61 0.00	50.11 -3.26 0.00	51.86 -2.61 0.00	53.04 -2.10 0.00	55.86 -1.61 0.00	58.16 -1.80 0.00	60.63 -1.75 0.00	64.25 -0.91 0.00	70.61 0.14 0.00	78.49 -0.79 0.00	76.02 0.75 0.00	70.62 0.97 0.00	63.42 -0.90 0.00	59.84 -1.66 0.00	52.37 -0.16 0.00	46.88 0.42 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.12 3.65 -0.01	48.73 3.73 -0.01	43.14 3.01 -0.01	41.07 2.83 -0.01	41.06 2.79 -0.01	42.32 2.92 -0.01	46.90 3.47 0.00	50.41 3.21 0.00	53.03 2.76 0.00	56.36 2.99 0.00	57.58 3.10 0.00	58.45 3.14 -0.17	60.60 2.76 -0.38	63.27 2.76 -0.55	66.25 3.06 -0.81	70.36 4.17 -1.03	76.09 4.44 -1.19	85.42 5.00 -1.14	80.54 3.99 -1.28	73.48 3.27 -0.56	67.01 2.70 0.01	63.65 2.15 0.01	55.90 3.36 -0.01	49.72 3.25 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.02 4.56 -0.01	49.54 4.54 -0.01	43.86 3.73 -0.01	41.76 3.52 -0.01	41.75 3.48 -0.01	43.03 3.62 -0.01	47.59 4.17 0.00	51.16 3.96 0.00	53.89 3.62 0.00	57.21 3.84 0.00	58.39 3.92 0.00	59.28 3.97 -0.17	61.47 3.62 -0.38	64.17 3.66 -0.55	67.25 4.05 -0.81	71.47 5.28 -1.03	77.29 5.64 -1.19	86.85 6.42 -1.14	81.82 5.27 -1.28	74.73 4.53 -0.56	68.17 3.86 0.01	64.75 3.26 0.01	56.84 4.31 -0.01	50.51 4.04 -0.01
PATROON___115KV_TB1 80586	48.55 1.09 0.00	46.11 1.12 0.00	40.88 0.76 0.00	39.00 0.76 0.00	39.03 0.77 0.00	40.23 0.83 0.00	44.42 1.00 0.00	48.05 0.85 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.23 0.76 0.00	55.71 0.72 0.14	57.74 0.57 0.30	59.93 0.42 0.45	62.16 0.44 0.66	65.25 0.91 0.83	70.29 0.78 0.96	79.32 0.95 0.92	74.84 0.60 1.03	69.67 0.49 0.46	64.71 0.39 0.00	61.93 0.43 0.00	53.26 0.74 0.00	47.02 0.56 0.00
PATTRSNVILLE___SOLAR 323815	49.54 2.09 0.00	46.96 1.98 0.00	41.73 1.61 0.00	39.77 1.53 0.00	39.79 1.53 0.00	41.02 1.62 0.00	45.29 1.87 0.00	48.85 1.65 0.00	51.92 1.66 0.00	55.08 1.71 0.00	56.10 1.63 0.00	56.56 1.54 0.11	58.83 1.61 0.25	61.15 1.56 0.36	63.47 1.62 0.53	66.58 2.08 0.67	71.80 2.11 0.78	81.39 2.85 0.75	77.22 2.79 0.84	72.06 2.79 0.37	66.96 2.64 0.00	63.96 2.46 0.00	54.84 2.31 0.00	48.32 1.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.31 -0.14 0.00	44.04 -0.94 0.00	39.92 -0.20 0.00	37.74 -0.50 0.00	37.99 -0.27 0.00	39.24 -0.16 0.00	42.42 -1.00 0.00	45.21 -1.98 0.00	49.31 -0.96 0.00	51.77 -1.60 0.00	53.44 -1.03 0.00	54.75 -0.39 0.00	57.70 0.23 0.00	60.38 0.42 0.00	63.00 0.62 0.00	66.79 1.63 0.00	73.50 3.03 0.00	81.74 2.46 0.00	79.26 3.99 0.00	73.47 3.83 0.00	65.86 1.54 0.00	62.12 0.62 0.00	54.10 1.58 0.00	48.13 1.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.73 3.27 0.00	48.18 3.19 0.00	42.69 2.57 0.00	40.64 2.41 0.00	40.67 2.41 0.00	41.92 2.52 0.00	46.42 3.00 0.00	50.12 2.93 0.00	53.13 2.87 0.00	56.46 3.10 0.00	57.69 3.21 0.00	58.60 3.31 -0.15	61.19 3.39 -0.33	64.11 3.66 -0.49	67.10 3.99 -0.72	71.09 5.02 -0.91	76.59 5.07 -1.05	86.32 6.03 -1.01	81.22 4.82 -1.13	74.19 4.04 -0.50	67.66 3.34 0.00	64.45 2.95 0.00	55.84 3.31 0.00	49.11 2.65 0.00
PEEKSKILL___ 23653	50.21 2.75 0.00	47.78 2.79 0.00	42.37 2.25 0.00	40.34 2.10 0.00	40.33 2.06 0.00	41.61 2.21 0.00	46.07 2.65 0.00	49.65 2.45 0.00	52.63 2.36 0.00	56.04 2.67 0.00	57.14 2.67 0.00	58.01 2.70 -0.17	60.54 2.70 -0.37	63.27 2.76 -0.55	66.24 3.06 -0.81	70.22 4.04 -1.02	75.87 4.23 -1.17	85.57 5.15 -1.13	80.44 3.91 -1.26	73.41 3.21 -0.56	67.02 2.70 0.00	63.59 2.09 0.00	55.26 2.73 0.00	48.60 2.14 0.00
PGE MADISON___WINDPWR 24146	51.91 4.46 0.00	48.67 3.69 0.00	43.61 3.49 0.00	41.45 3.21 0.00	41.55 3.29 0.00	42.95 3.55 0.00	47.20 3.78 0.00	50.83 3.63 0.00	54.49 4.22 0.00	57.69 4.32 0.00	58.88 4.41 0.00	59.88 4.74 0.00	62.58 5.11 0.00	65.66 5.70 0.00	68.12 5.74 0.00	71.82 6.65 0.00	77.93 7.47 0.00	88.32 9.04 0.00	84.37 9.10 0.00	78.91 9.26 0.00	72.23 7.91 0.00	68.51 7.01 0.00	58.31 5.78 0.00	51.38 4.92 0.00

PIERCEFIELD___HYD 23852	47.55 0.09 0.00	45.21 0.22 0.00	40.32 0.20 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.72 0.32 0.00	43.73 0.30 0.00	47.90 0.71 0.00	50.97 0.70 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.67 -1.50 0.00	68.85 -1.62 0.00	77.78 -1.51 0.00	73.84 -1.43 0.00	68.74 -0.91 0.00	64.06 -0.26 0.00	61.56 0.06 0.00	52.37 -0.16 0.00	46.60 0.14 0.00
PINELAWN_CC_1 323563	52.97 3.89 -1.62	49.36 4.36 -0.01	46.84 3.85 -2.87	47.11 3.63 -5.24	46.95 3.64 -5.05	45.09 3.78 -1.90	47.69 4.26 -0.01	49.93 2.74 0.00	52.56 2.36 0.07	55.89 2.77 0.25	57.97 3.49 0.00	66.33 3.75 -7.45	61.76 3.85 -0.45	64.86 4.13 -0.77	67.77 4.55 -0.84	72.06 5.74 -1.16	85.79 5.99 -9.33	98.31 7.14 -11.89	96.26 5.42 -15.57	85.09 4.60 -10.85	75.68 3.54 -7.83	65.30 3.20 -0.60	55.85 3.57 0.25	49.20 2.65 -0.09
PJM_GEN_HTTP_PROXY 323702	50.68 3.23 0.00	48.31 3.33 0.00	42.77 2.65 0.00	40.72 2.48 0.00	40.71 2.45 0.00	41.96 2.56 0.00	46.55 3.13 0.00	50.22 3.02 0.00	53.18 2.91 0.00	56.62 3.26 0.00	57.68 3.21 0.00	58.51 3.20 -0.17	60.95 3.10 -0.38	63.69 3.18 -0.56	66.69 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.19	86.22 5.78 -1.15	80.92 4.36 -1.29	73.76 3.55 -0.57	67.34 3.02 0.00	63.84 2.34 0.00	56.65 3.10 -1.03	48.08 2.65 1.03
PJM_GEN_KEystone 24065	48.45 1.00 0.00	45.66 0.68 0.00	40.88 0.76 0.00	38.77 0.54 0.00	38.95 0.69 0.00	40.15 0.75 0.00	44.07 0.65 0.00	47.34 0.14 0.00	50.72 0.45 0.00	53.69 0.32 0.00	54.72 0.54 0.29	55.52 0.71 0.33	58.07 0.92 0.31	60.62 0.90 0.24	63.46 1.12 0.05	67.05 2.08 0.20	73.51 2.75 -0.30	82.74 3.17 -0.28	78.66 3.01 -0.38	72.17 2.65 0.12	65.59 1.61 0.34	61.75 0.80 0.55	54.97 1.63 -0.81	47.06 1.63 1.03
PJM_GEN_NEPTUNE_PROXY 323594	50.63 3.18 0.00	48.59 3.60 -0.01	46.04 3.05 -2.87	46.34 2.87 -5.24	46.14 2.83 -5.05	44.26 2.96 -1.90	46.95 3.52 -0.01	49.37 2.17 0.00	52.13 1.86 0.00	55.61 2.24 0.00	57.30 2.83 0.00	58.39 3.09 -0.17	60.95 3.10 -0.38	63.87 3.36 -0.56	66.83 3.62 -0.83	70.96 4.75 -1.04	76.67 5.00 -1.20	85.95 5.95 -0.72	80.76 4.36 -1.13	73.83 3.62 -0.57	67.02 2.70 0.00	63.84 2.34 0.00	56.49 2.94 -1.02	47.47 2.04 1.03
PJM_GEN_VFT_PROXY 323633	50.59 3.13 0.00	48.18 3.19 0.00	42.65 2.53 0.00	40.61 2.37 0.00	40.60 2.33 0.00	41.84 2.44 0.00	46.42 2.99 0.00	50.03 2.83 0.00	52.98 2.71 0.00	56.41 3.04 0.00	53.18 2.89 4.18	52.12 2.81 5.83	53.21 2.70 6.96	55.57 2.76 7.15	59.27 2.99 6.10	59.53 4.11 9.74	71.20 4.37 3.64	80.81 5.15 3.63	75.97 3.76 3.06	67.26 3.06 5.44	62.02 2.58 4.88	55.50 1.84 7.84	53.27 2.78 2.04	47.89 2.46 1.03
PLATSBURG_115KV_PMLD1 355749	46.89 -0.57 0.00	44.63 -0.36 0.00	39.76 -0.36 0.00	37.93 -0.31 0.00	37.99 -0.27 0.00	39.12 -0.28 0.00	43.12 -0.30 0.00	46.91 -0.28 0.00	49.91 -0.35 0.00	53.10 -0.27 0.00	53.49 -0.98 0.00	53.65 -1.49 0.00	55.91 -1.55 0.00	58.52 -1.44 0.00	60.70 -1.68 0.00	62.43 -2.74 0.00	67.65 -2.82 0.00	76.43 -2.85 0.00	72.48 -2.78 0.00	67.20 -2.44 0.00	62.65 -1.67 0.00	60.15 -1.35 0.00	51.06 -1.47 0.00	45.76 -0.70 0.00
PLEASANTVLY___LBMP 24000	49.78 2.33 0.00	47.37 2.38 0.00	41.97 1.85 0.00	40.03 1.80 0.00	40.02 1.76 0.00	41.25 1.85 0.00	45.68 2.26 0.00	49.27 2.08 0.00	52.23 1.96 0.00	55.45 2.08 0.00	56.60 2.12 0.00	57.42 2.10 -0.19	59.96 2.07 -0.43	62.68 2.10 -0.63	65.61 2.31 -0.92	69.52 3.19 -1.16	75.12 3.31 -1.34	84.38 3.81 -1.29	79.65 2.94 -1.44	72.65 2.37 -0.64	66.25 1.93 0.00	63.04 1.54 0.00	54.68 2.15 0.00	48.22 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.35 2.89 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.45 2.22 0.00	40.44 2.18 0.00	41.69 2.29 0.00	46.20 2.78 0.00	49.89 2.69 0.00	52.88 2.61 0.00	56.14 2.78 0.00	57.30 2.83 0.00	58.18 2.87 -0.17	60.72 2.87 -0.38	63.52 3.00 -0.56	66.45 3.24 -0.83	70.51 4.30 -1.04	76.18 4.51 -1.21	85.60 5.15 -1.16	80.63 4.06 -1.30	73.63 3.41 -0.58	67.09 2.77 0.00	63.78 2.28 0.00	55.36 2.84 0.00	48.87 2.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.35 2.89 0.00	47.95 2.97 0.00	42.49 2.37 0.00	40.45 2.22 0.00	40.44 2.18 0.00	41.69 2.29 0.00	46.20 2.78 0.00	49.89 2.69 0.00	52.88 2.61 0.00	56.14 2.78 0.00	57.30 2.83 0.00	58.18 2.87 -0.17	60.72 2.87 -0.38	63.52 3.00 -0.56	66.45 3.24 -0.83	70.51 4.30 -1.04	76.18 4.51 -1.21	85.60 5.15 -1.16	80.63 4.06 -1.30	73.63 3.41 -0.58	67.09 2.77 0.00	63.78 2.28 0.00	55.36 2.84 0.00	48.87 2.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.25 2.80 0.00	47.77 2.79 0.00	42.37 2.25 0.00	40.34 2.10 0.00	40.33 2.07 0.00	41.61 2.21 0.00	46.03 2.61 0.00	49.65 2.45 0.00	52.63 2.36 0.00	55.93 2.56 0.00	57.03 2.56 0.00	57.73 2.59 0.00	60.11 2.64 0.00	62.60 2.64 0.00	65.19 2.81 0.00	68.94 3.78 0.00	74.34 3.88 0.00	83.81 4.52 0.00	78.96 3.69 0.00	72.71 3.06 0.00	66.96 2.64 0.00	63.72 2.21 0.00	55.21 2.68 0.00	48.64 2.18 0.00
POLETTI____ 23519	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.75 2.49 0.00	42.00 2.60 0.00	46.55 3.13 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.52 3.15 0.00	57.58 3.10 0.00	58.45 3.14 -0.17	60.89 3.05 -0.38	63.56 3.06 -0.54	66.49 3.31 -0.81	70.68 4.50 -1.02	76.37 4.72 -1.18	85.73 5.31 -1.13	80.75 4.21 -1.27	73.61 3.41 -0.56	67.13 2.83 0.02	63.72 2.21 0.00	55.63 3.10 0.00	49.25 2.79 0.00
POMONA___ESR 323819	50.21 2.75 0.00	47.78 2.79 0.00	42.33 2.21 0.00	40.30 2.06 0.00	40.33 2.06 0.00	41.57 2.17 0.00	46.03 2.61 0.00	49.60 2.41 0.00	52.63 2.36 0.00	56.04 2.67 0.00	57.19 2.72 0.00	58.00 2.70 -0.16	60.58 2.76 -0.35	63.30 2.82 -0.52	66.21 3.06 -0.77	70.17 4.04 -0.97	75.88 4.30 -1.12	85.59 5.23 -1.08	80.46 3.99 -1.20	73.52 3.34 -0.54	67.15 2.83 0.00	63.71 2.21 0.00	55.31 2.78 0.00	48.60 2.14 0.00
PORT_JEFF_3 23555	59.52 3.84 -8.22	49.54 4.45 -0.10	47.08 4.09 -2.87	47.33 3.86 -5.24	47.13 3.83 -5.05	45.28 3.98 -1.90	47.95 4.52 -0.01	50.04 2.83 -0.01	52.58 2.36 0.05	55.70 2.67 0.33	57.74 3.27 0.00	73.73 3.42 -15.17	62.45 3.56 -1.42	67.54 3.78 -3.81	67.46 4.12 -0.97	73.45 5.22 -3.07	204.88 5.43 -128.99	259.88 6.42 -174.17	307.55 4.89 -227.39	238.00 4.04 -164.32	193.13 3.15 -125.66	80.35 2.77 -16.08	55.14 3.31 0.69	52.21 2.65 -3.11
PORT_JEFF_4 23616	59.52 3.84 -8.22	49.54 4.45 -0.10	47.08 4.09 -2.87	47.33 3.86 -5.24	47.13 3.83 -5.05	45.28 3.98 -1.90	47.95 4.52 -0.01	50.04 2.83 -0.01	52.58 2.36 0.05	55.70 2.67 0.33	57.74 3.27 0.00	73.73 3.42 -15.17	62.45 3.56 -1.42	67.54 3.78 -3.81	67.46 4.12 -0.97	73.45 5.22 -3.07	204.88 5.43 -128.99	259.88 6.42 -174.17	307.55 4.89 -227.39	238.00 4.04 -164.32	193.13 3.15 -125.66	80.35 2.77 -16.08	55.14 3.31 0.69	52.21 2.65 -3.11

PORT_JEFF_IC 23713	60.33 3.99 -8.89	49.63 4.54 -0.11	47.12 4.13 -2.87	47.37 3.90 -5.24	47.21 3.90 -5.05	45.36 4.06 -1.90	47.98 4.56 0.00	50.99 3.78 -0.01	52.92 2.71 0.07	55.71 2.78 0.43	57.91 3.43 0.00	72.60 3.42 -14.05	62.61 3.56 -1.59	68.04 3.78 -4.30	67.54 4.18 -0.98	77.93 5.28 -7.49	224.50 5.50 -148.54	286.26 6.26 -200.71	342.25 4.97 -262.02	263.11 4.11 -189.36	212.26 3.09 -144.85	82.78 2.83 -18.45	55.10 3.52 0.94	52.90 2.88 -3.57
PPL PILGRIM_ST_GT1 24216	61.54 3.99 -10.10	49.51 4.50 -0.03	47.20 4.21 -2.87	47.45 3.98 -5.24	47.29 3.98 -5.05	45.44 4.14 -1.90	48.08 4.65 -0.01	50.12 2.93 0.00	52.72 2.56 0.11	55.89 2.93 0.41	58.21 3.71 -0.03	110.74 4.02 -51.58	62.02 3.96 -0.59	65.44 4.26 -1.22	67.92 4.68 -0.86	72.39 5.80 -1.42	103.38 5.64 -27.28	122.21 6.74 -36.19	127.64 5.04 -47.32	107.52 4.25 -33.63	92.76 3.21 -25.23	66.99 3.26 -2.24	56.31 3.78 0.01	49.62 2.79 -0.38
PPL PILGRIM_ST_GT2 24217	61.54 3.99 -10.10	49.51 4.50 -0.03	47.20 4.21 -2.87	47.45 3.98 -5.24	47.29 3.98 -5.05	45.44 4.14 -1.90	48.08 4.65 -0.01	50.12 2.93 0.00	52.72 2.56 0.11	55.89 2.93 0.41	58.21 3.71 -0.03	110.74 4.02 -51.58	62.02 3.96 -0.59	65.44 4.26 -1.22	67.92 4.68 -0.86	72.39 5.80 -1.42	103.38 5.64 -27.28	122.21 6.74 -36.19	127.64 5.04 -47.32	107.52 4.25 -33.63	92.76 3.21 -25.23	66.99 3.26 -2.24	56.31 3.78 0.01	49.62 2.79 -0.38
PPL_SHRM_GT3 24213	59.79 3.99 -8.35	49.63 4.54 -0.10	47.08 4.09 -2.87	47.38 3.90 -5.24	47.17 3.86 -5.05	45.28 3.98 -1.90	47.90 4.47 -0.01	50.04 2.83 -0.01	52.72 2.51 0.06	55.89 2.88 0.35	58.07 3.59 0.00	74.26 3.92 -15.21	63.05 4.14 -1.45	68.03 4.20 -3.88	67.72 4.37 -0.97	92.97 5.47 -22.33	208.02 5.85 -131.71	264.29 7.14 -177.86	313.35 5.87 -232.21	242.39 4.95 -167.80	196.57 3.92 -128.32	81.40 3.50 -16.39	55.46 3.68 0.74	52.37 2.74 -3.17
PPL_SHRM_GT4 24214	59.79 3.99 -8.35	49.63 4.54 -0.10	47.08 4.09 -2.87	47.38 3.90 -5.24	47.17 3.86 -5.05	45.28 3.98 -1.90	47.90 4.47 -0.01	50.04 2.83 -0.01	52.72 2.51 0.06	55.89 2.88 0.35	58.07 3.59 0.00	74.26 3.92 -15.21	63.05 4.14 -1.45	68.03 4.20 -3.88	67.72 4.37 -0.97	92.97 5.47 -22.33	208.02 5.85 -131.71	264.29 7.14 -177.86	313.35 5.87 -232.21	242.39 4.95 -167.80	196.57 3.92 -128.32	81.40 3.50 -16.39	55.46 3.68 0.74	52.37 2.74 -3.17
PROJECT___ORANGE 1 24174	47.31 -0.14 0.00	44.49 -0.49 0.00	39.88 -0.24 0.00	37.93 -0.31 0.00	37.99 -0.27 0.00	39.08 -0.32 0.00	43.05 -0.43 -0.06	46.67 -0.61 -0.09	49.86 -0.50 -0.10	52.89 -0.48 0.00	54.29 -0.33 -0.15	55.25 -0.11 -0.23	57.69 0.06 -0.17	60.28 0.06 -0.26	62.66 0.06 -0.22	65.98 0.52 -0.29	71.40 0.56 -0.37	80.11 0.40 -0.43	76.02 0.75 0.00	70.34 0.70 0.00	64.58 0.26 0.00	61.56 0.06 0.00	52.74 0.21 0.00	46.60 0.14 0.00
PROJECT___ORANGE 2 24166	47.31 -0.14 0.00	44.49 -0.49 0.00	39.88 -0.24 0.00	37.93 -0.31 0.00	37.99 -0.27 0.00	39.08 -0.32 0.00	43.05 -0.43 -0.06	46.67 -0.61 -0.09	49.86 -0.50 -0.10	52.89 -0.48 0.00	54.29 -0.33 -0.15	55.25 -0.11 -0.23	57.69 0.06 -0.17	60.28 0.06 -0.26	62.66 0.06 -0.22	65.98 0.52 -0.29	71.40 0.56 -0.37	80.11 0.40 -0.43	76.02 0.75 0.00	70.34 0.70 0.00	64.58 0.26 0.00	61.56 0.06 0.00	52.74 0.21 0.00	46.60 0.14 0.00
PUCKETT___SOLAR 323809	48.97 1.52 0.00	46.06 1.08 0.00	41.29 1.16 0.00	39.23 0.99 0.00	39.33 1.07 0.00	40.54 1.14 0.00	44.51 1.09 0.00	48.00 0.80 0.00	51.32 1.06 0.00	54.49 1.12 0.00	55.73 1.25 0.00	56.57 1.43 0.00	59.13 1.67 0.00	61.82 1.86 0.00	64.32 1.94 0.00	67.84 2.67 0.00	73.49 3.03 0.00	83.01 3.73 0.00	79.10 3.84 0.00	73.47 3.83 0.00	67.34 3.02 0.00	63.96 2.46 0.00	54.89 2.37 0.00	48.55 2.09 0.00
PYRITES___HYD 24023	48.31 0.85 0.00	45.97 0.99 0.00	41.00 0.88 0.00	39.11 0.88 0.00	39.18 0.92 0.00	40.39 0.99 0.00	44.46 1.04 0.00	48.61 1.42 0.00	51.67 1.41 0.00	54.81 1.44 0.00	55.78 1.31 0.00	56.02 0.88 0.00	58.21 0.75 0.00	61.04 1.08 0.00	63.13 0.75 0.00	64.58 -0.59 0.00	69.97 -0.49 0.00	79.05 -0.24 0.00	75.27 0.00 0.00	70.34 0.70 0.00	65.61 1.29 0.00	63.04 1.54 0.00	53.37 0.84 0.00	47.34 0.88 0.00
QUAKERRD_115KV_BK1 80622	46.70 -0.76 0.00	43.73 -1.26 0.00	39.44 -0.68 0.00	37.36 -0.88 0.00	37.57 -0.69 0.00	38.65 -0.75 0.00	42.25 -1.17 0.00	45.45 -1.75 0.00	48.96 -1.31 0.00	51.82 -1.55 0.00	53.38 -1.09 0.00	54.42 -0.72 0.00	57.06 -0.40 0.00	59.54 -0.42 0.00	62.07 -0.31 0.00	65.49 0.33 0.00	71.31 0.85 0.00	79.84 0.56 0.00	76.62 1.35 0.00	71.10 1.46 0.00	64.71 0.39 0.00	61.32 -0.18 0.00	52.84 0.32 0.00	46.83 0.37 0.00
QUENSBRY_115KV_TB8 356137	51.01 3.56 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.76 2.52 0.00	40.79 2.53 0.00	42.08 2.68 0.00	46.55 3.13 0.00	50.31 3.11 0.00	53.68 3.42 0.00	56.84 3.47 0.00	57.36 2.89 0.00	57.85 2.87 0.15	60.12 2.99 0.33	62.41 2.94 0.48	64.60 2.93 0.71	67.66 3.39 0.90	73.17 3.73 1.03	82.73 4.44 1.00	79.19 5.04 1.12	74.23 5.08 0.50	69.14 4.82 0.00	66.42 4.92 0.00	56.73 4.20 0.00	49.80 3.34 0.00
RAMAPO___LBMP 323565	49.97 2.52 0.00	47.55 2.56 0.00	42.13 2.01 0.00	40.15 1.91 0.00	40.14 1.87 0.00	41.41 2.01 0.00	45.81 2.39 0.00	49.46 2.27 0.00	52.43 2.16 0.00	55.72 2.35 0.00	56.87 2.40 0.00	57.72 2.43 -0.16	60.23 2.41 -0.35	62.93 2.46 -0.51	65.88 2.74 -0.76	69.83 3.71 -0.95	75.44 3.88 -1.10	84.78 4.44 -1.06	80.07 3.61 -1.19	73.16 2.99 -0.53	66.76 2.44 0.00	63.41 1.91 0.00	55.05 2.52 0.00	48.50 2.04 0.00
RANKINE____ 23646	47.50 0.05 0.00	44.22 -0.76 0.00	40.16 0.04 0.00	37.93 -0.31 0.00	38.22 -0.04 0.00	39.44 0.04 0.00	42.60 -0.83 0.00	45.31 -1.89 0.00	49.41 -0.85 0.00	51.93 -1.44 0.00	53.71 -0.76 0.00	54.97 -0.17 0.00	57.93 0.46 0.00	60.50 0.54 0.00	63.13 0.75 0.00	66.86 1.69 0.00	73.57 3.10 0.00	81.74 2.46 0.00	79.26 3.99 0.00	73.54 3.90 0.00	65.99 1.67 0.00	62.30 0.80 0.00	54.31 1.79 0.00	48.46 2.00 0.00
RAVENSWOOD_GT2_1 24244	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.51 3.20 -0.17	60.95 3.10 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	85.91 5.47 -1.15	80.85 4.29 -1.29	73.77 3.55 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.34 2.88 0.00
RAVENSWOOD_GT2_2 24245	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.51 3.20 -0.17	60.95 3.10 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	85.91 5.47 -1.15	80.85 4.29 -1.29	73.77 3.55 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.34 2.88 0.00

RAVENSWOOD_GT2_3 24246	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.84 2.60 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.64 3.21 0.00	50.36 3.16 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.70 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	85.99 5.55 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.34 3.02 0.00	63.90 2.40 0.00	55.73 3.20 0.00	49.34 2.88 0.00
RAVENSWOOD_GT2_4 24247	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.84 2.60 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.64 3.21 0.00	50.36 3.16 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.70 3.49 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.20	85.99 5.55 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.34 3.02 0.00	63.90 2.40 0.00	55.73 3.20 0.00	49.34 2.88 0.00
RAVENSWOOD_GT3_1 24248	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	85.91 5.47 -1.15	80.92 4.37 -1.29	73.77 3.55 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.34 2.88 0.00
RAVENSWOOD_GT3_2 24249	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	85.91 5.47 -1.15	80.92 4.37 -1.29	73.77 3.55 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.34 2.88 0.00
RAVENSWOOD_GT3_3 24250	50.92 3.46 0.00	48.45 3.46 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.68 3.26 0.00	50.41 3.21 0.00	53.38 3.12 0.00	56.68 3.31 0.00	57.79 3.32 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.82 3.30 -0.56	66.76 3.56 -0.82	70.96 4.76 -1.03	76.66 5.00 -1.20	86.07 5.63 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.41 3.09 0.00	63.96 2.46 0.00	55.78 3.26 0.00	49.43 2.97 0.00
RAVENSWOOD_GT3_4 24251	50.92 3.46 0.00	48.45 3.46 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.86 2.60 0.00	42.12 2.72 0.00	46.68 3.26 0.00	50.41 3.21 0.00	53.38 3.12 0.00	56.68 3.31 0.00	57.79 3.32 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.82 3.30 -0.56	66.76 3.56 -0.82	70.96 4.76 -1.03	76.66 5.00 -1.20	86.07 5.63 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.41 3.09 0.00	63.96 2.46 0.00	55.78 3.26 0.00	49.43 2.97 0.00
RAVENSWOOD_GT_1 23729	51.02 3.56 0.00	48.59 3.60 0.00	43.01 2.89 0.00	40.99 2.75 0.00	40.98 2.72 0.00	42.24 2.84 0.00	46.81 3.39 0.00	50.45 3.26 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.74 3.27 0.00	58.56 3.25 -0.17	60.89 3.05 -0.38	63.51 3.00 -0.55	66.44 3.24 -0.82	70.56 4.37 -1.03	76.31 4.65 -1.19	85.66 5.23 -1.14	80.61 4.06 -1.28	73.55 3.34 -0.57	67.08 2.77 0.01	63.65 2.15 0.01	55.78 3.26 0.00	49.57 3.11 0.00
RAVENSWOOD_GT_10 24258	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.19	85.91 5.47 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_11 24259	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.19	85.91 5.47 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_4 24252	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.59 3.17 0.00	50.31 3.11 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.06 3.22 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.82	70.89 4.69 -1.03	76.59 4.93 -1.19	86.06 5.63 -1.14	80.99 4.44 -1.28	73.90 3.69 -0.57	67.34 3.02 0.01	63.89 2.40 0.01	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_5 24254	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.59 3.17 0.00	50.31 3.11 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.06 3.22 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.82	70.89 4.69 -1.03	76.59 4.93 -1.19	86.06 5.63 -1.14	80.99 4.44 -1.28	73.90 3.69 -0.57	67.34 3.02 0.01	63.89 2.40 0.01	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_6 24253	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.59 3.17 0.00	50.31 3.11 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.06 3.22 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.82	70.89 4.69 -1.03	76.59 4.93 -1.19	86.06 5.63 -1.14	80.99 4.44 -1.28	73.90 3.69 -0.57	67.34 3.02 0.01	63.89 2.40 0.01	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_7 24255	50.78 3.32 0.00	48.36 3.37 0.00	42.81 2.69 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.59 3.17 0.00	50.31 3.11 0.00	53.33 3.07 0.00	56.62 3.26 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.06 3.22 -0.38	63.75 3.24 -0.55	66.75 3.56 -0.82	70.89 4.69 -1.03	76.59 4.93 -1.19	86.06 5.63 -1.14	80.99 4.44 -1.28	73.90 3.69 -0.57	67.34 3.02 0.01	63.89 2.40 0.01	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.19	85.91 5.47 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.29 2.83 0.00
RAVENSWOOD_GT_9 24257	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.31 3.11 0.00	53.28 3.02 0.00	56.57 3.20 0.00	57.69 3.21 0.00	58.56 3.25 -0.17	61.01 3.16 -0.38	63.70 3.18 -0.56	66.63 3.43 -0.82	70.83 4.63 -1.03	76.52 4.86 -1.19	85.91 5.47 -1.15	80.92 4.37 -1.29	73.84 3.62 -0.57	67.28 2.96 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.29 2.83 0.00

RAVENSWOOD___1 23533	50.97 3.51 0.00	48.59 3.60 0.00	43.01 2.89 0.00	40.95 2.72 0.00	40.94 2.68 0.00	42.20 2.80 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.13 2.86 0.00	56.62 3.26 0.00	57.74 3.27 0.00	58.51 3.20 -0.17	60.83 2.99 -0.38	63.45 2.94 -0.55	66.37 3.18 -0.81	70.56 4.37 -1.03	76.23 4.58 -1.19	85.89 5.47 -1.14	80.53 3.99 -1.28	73.48 3.27 -0.56	67.08 2.76 0.01	63.59 2.09 0.01	55.73 3.20 0.00	49.39 2.93 0.00
RAVENSWOOD___2 23534	50.87 3.42 0.00	48.45 3.46 0.00	42.89 2.77 0.00	40.84 2.60 0.00	40.83 2.56 0.00	42.08 2.68 0.00	46.68 3.26 0.00	50.31 3.11 0.00	53.03 2.76 0.00	56.46 3.09 0.00	57.58 3.10 0.00	58.39 3.09 -0.17	60.55 2.70 -0.38	63.03 2.52 -0.55	65.81 2.62 -0.81	69.90 3.71 -1.03	75.60 3.94 -1.19	85.18 4.76 -1.14	79.86 3.31 -1.28	72.85 2.65 -0.56	66.50 2.19 0.01	63.15 1.66 0.01	55.63 3.10 0.00	49.25 2.79 0.00
RAVENSWOOD___3 23535	50.82 3.37 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.52 0.00	42.04 2.64 0.00	46.64 3.21 0.00	50.26 3.07 0.00	53.23 2.97 0.00	56.68 3.31 0.00	57.74 3.27 0.00	58.51 3.20 -0.17	61.00 3.16 -0.38	63.69 3.18 -0.56	66.63 3.43 -0.82	70.76 4.56 -1.03	76.52 4.86 -1.20	86.22 5.78 -1.15	80.92 4.36 -1.29	73.76 3.55 -0.57	67.34 3.02 0.00	63.84 2.34 0.00	55.68 3.15 0.00	49.20 2.74 0.00
RAVENSWOOD___4 23820	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.36 3.16 0.00	53.13 2.86 0.00	56.57 3.20 0.00	57.68 3.21 0.00	58.45 3.14 -0.17	60.77 2.93 -0.38	63.39 2.88 -0.55	66.31 3.12 -0.81	70.49 4.30 -1.03	76.17 4.51 -1.19	85.82 5.39 -1.14	80.53 3.99 -1.28	73.41 3.21 -0.56	67.01 2.70 0.01	63.52 2.03 0.01	55.68 3.15 0.00	49.34 2.88 0.00
RCPL_TRUST___DRP 24196	50.78 3.32 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.08 2.68 0.00	46.68 3.26 0.00	50.41 3.21 0.00	53.38 3.12 0.00	56.73 3.36 0.00	57.79 3.32 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.19	86.14 5.71 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.41 3.09 0.00	63.96 2.46 0.00	55.73 3.20 0.00	49.34 2.88 0.00
RED___ROCHESTER 323720	48.12 0.66 0.00	44.99 0.00 0.00	40.64 0.52 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.72 -0.47 0.00	50.47 0.20 0.00	53.31 -0.05 0.00	55.02 0.54 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.12 1.74 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.86 3.57 0.00	79.56 4.29 0.00	73.89 4.25 0.00	67.15 2.83 0.00	63.34 1.84 0.00	54.68 2.15 0.00	48.87 2.41 0.00
REGAN___SOLAR 323812	51.25 3.80 0.00	48.50 3.51 0.00	43.05 2.93 0.00	40.99 2.75 0.00	41.05 2.79 0.00	42.39 2.99 0.00	46.81 3.39 0.00	50.36 3.16 0.00	53.69 3.42 0.00	56.79 3.42 0.00	57.74 3.27 0.00	58.17 3.14 0.10	60.57 3.33 0.22	62.98 3.36 0.33	65.39 3.49 0.49	68.53 3.98 0.61	74.06 4.30 0.71	84.07 5.47 0.68	80.15 5.65 0.76	75.08 5.78 0.34	69.72 5.40 0.00	66.79 5.29 0.00	57.09 4.57 0.00	50.08 3.63 0.00
RENSSELAER___COGEN 23796	48.17 0.71 0.00	45.80 0.81 0.00	40.60 0.48 0.00	38.77 0.54 0.00	38.76 0.50 0.00	39.95 0.55 0.00	44.12 0.69 0.00	47.62 0.42 0.00	50.67 0.40 0.00	53.79 0.42 0.00	54.80 0.33 0.00	55.28 0.28 0.13	57.17 0.00 0.30	59.34 -0.18 0.44	61.55 -0.19 0.64	64.62 0.26 0.81	69.61 0.07 0.93	78.71 0.32 0.90	74.11 -0.15 1.00	68.99 -0.21 0.45	64.13 -0.19 0.00	61.26 -0.25 0.00	52.69 0.16 0.00	46.50 0.05 0.00
REPUBLIC_115KV_BARTNBK 55605	52.58 5.13 0.00	49.75 4.77 0.00	43.93 3.81 0.00	41.79 3.56 0.00	41.86 3.60 0.00	43.22 3.82 0.00	47.81 4.39 0.00	51.63 4.44 0.00	55.19 4.93 0.00	58.28 4.91 0.00	58.72 4.25 0.00	59.23 4.25 0.15	61.67 4.54 0.33	64.02 4.56 0.49	66.03 4.37 0.72	69.21 4.95 0.91	74.98 5.57 1.05	84.78 6.50 1.01	81.36 7.23 1.13	76.59 7.45 0.50	71.46 7.14 0.00	69.07 7.56 0.00	58.78 6.25 0.00	51.43 4.97 0.00
REVERE_CPPR_DRP 24186	49.73 2.28 0.00	46.87 1.89 0.00	41.85 1.73 0.00	39.84 1.61 0.00	39.91 1.65 0.00	41.13 1.73 0.00	45.46 2.04 0.00	49.23 2.03 0.00	52.73 2.46 0.00	55.82 2.45 0.00	57.09 2.61 0.00	57.84 2.70 0.00	60.28 2.82 0.00	63.08 3.12 0.00	65.50 3.12 0.00	68.49 3.32 0.00	74.27 3.81 0.00	83.57 4.28 0.00	79.63 4.37 0.00	74.17 4.53 0.00	68.18 3.86 0.00	65.01 3.51 0.00	55.36 2.84 0.00	48.78 2.32 0.00
REYNLDPA_13_KV_LD 356490	47.31 -0.14 0.00	45.03 0.04 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.48 0.08 0.00	43.47 0.04 0.00	47.57 0.38 0.00	50.62 0.35 0.00	53.74 0.37 0.00	54.74 0.27 0.00	55.25 0.11 0.00	57.52 0.06 0.00	60.20 0.24 0.00	62.51 0.12 0.00	64.38 -0.78 0.00	69.69 -0.78 0.00	78.65 -0.63 0.00	74.59 -0.68 0.00	69.15 -0.49 0.00	64.38 0.06 0.00	61.87 0.37 0.00	52.26 -0.26 0.00	46.36 -0.09 0.00
REYNOLDS_115KV_TB3 80639	48.50 1.04 0.00	46.15 1.17 0.00	40.92 0.80 0.00	39.08 0.84 0.00	39.06 0.80 0.00	40.27 0.87 0.00	44.51 1.09 0.00	48.05 0.85 0.00	51.07 0.80 0.00	54.22 0.85 0.00	55.23 0.76 0.00	55.63 0.66 0.16	57.63 0.52 0.36	59.79 0.36 0.53	62.04 0.44 0.77	65.11 0.91 0.97	70.19 0.85 1.12	79.24 1.03 1.08	74.66 0.60 1.21	69.59 0.49 0.54	64.71 0.39 0.00	61.81 0.31 0.00	53.21 0.68 0.00	47.02 0.56 0.00
RIVERBAY____ 323610	52.02 4.56 -0.01	49.54 4.54 -0.01	43.86 3.73 -0.01	41.76 3.52 -0.01	41.75 3.48 -0.01	43.03 3.62 -0.01	47.59 4.17 0.00	51.16 3.96 0.00	53.89 3.62 0.00	57.21 3.84 0.00	58.39 3.92 0.00	59.28 3.97 -0.17	61.47 3.62 -0.38	64.17 3.66 -0.55	67.25 4.05 -0.81	71.47 5.28 -1.03	77.29 5.64 -1.19	86.85 6.42 -1.14	81.82 5.27 -1.28	74.73 4.53 -0.56	68.17 3.86 0.01	64.75 3.26 0.01	56.84 4.31 -0.01	50.51 4.04 -0.01
RIVERSDE_115KV_TB3 55908	48.40 0.95 0.00	46.02 1.03 0.00	40.84 0.72 0.00	38.96 0.73 0.00	38.95 0.69 0.00	40.15 0.75 0.00	44.38 0.96 0.00	47.95 0.76 0.00	50.97 0.70 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.59 0.61 0.15	57.54 0.40 0.33	59.78 0.30 0.48	61.98 0.31 0.71	65.06 0.78 0.89	70.07 0.63 1.03	79.09 0.79 0.99	74.61 0.45 1.11	69.43 0.28 0.49	64.51 0.19 0.00	61.75 0.25 0.00	53.10 0.58 0.00	46.88 0.42 0.00
ROARING___BROOK_WT_PWR 323790	47.31 -0.14 0.00	44.90 -0.09 0.00	40.04 -0.08 0.00	38.16 -0.08 0.00	38.19 -0.08 0.00	39.32 -0.08 0.00	43.34 -0.09 0.00	47.15 -0.05 0.00	50.22 -0.05 0.00	53.31 -0.05 0.00	54.36 -0.11 0.00	55.03 -0.11 0.00	57.29 -0.17 0.00	59.78 -0.18 0.00	62.13 -0.25 0.00	64.78 -0.39 0.00	70.05 -0.42 0.00	78.81 -0.47 0.00	74.89 -0.37 0.00	69.30 -0.35 0.00	64.06 -0.26 0.00	61.32 -0.18 0.00	52.21 -0.31 0.00	46.18 -0.28 0.00

ROCHESRG_115KV_T4 355643	47.45 0.00 0.00	44.40 -0.58 0.00	40.12 0.00 0.00	37.93 -0.31 0.00	38.18 -0.08 0.00	39.28 -0.12 0.00	42.86 -0.56 0.00	46.02 -1.18 0.00	49.66 -0.60 0.00	52.51 -0.85 0.00	54.09 -0.38 0.00	55.19 0.06 0.00	57.93 0.46 0.00	60.44 0.48 0.00	63.00 0.62 0.00	66.53 1.37 0.00	72.58 2.11 0.00	81.19 1.90 0.00	78.05 2.78 0.00	72.50 2.86 0.00	65.80 1.48 0.00	62.30 0.80 0.00	53.79 1.26 0.00	47.76 1.30 0.00
ROCHESTER_9_IC 23652	47.83 0.38 0.00	44.72 -0.27 0.00	40.40 0.28 0.00	38.20 -0.04 0.00	38.45 0.19 0.00	39.56 0.16 0.00	43.12 -0.30 0.00	46.35 -0.85 0.00	50.02 -0.25 0.00	52.89 -0.48 0.00	54.53 0.05 0.00	55.63 0.50 0.00	58.44 0.98 0.00	60.98 1.02 0.00	63.57 1.19 0.00	67.19 2.02 0.00	73.29 2.82 0.00	81.90 2.62 0.00	78.81 3.54 0.00	73.19 3.55 0.00	66.38 2.06 0.00	62.85 1.35 0.00	54.26 1.73 0.00	48.13 1.67 0.00
ROCKVIEW_13_KV_LD 356306	50.68 3.23 0.00	48.27 3.28 0.00	42.73 2.61 0.00	40.72 2.49 0.00	40.71 2.45 0.00	41.96 2.56 0.00	46.51 3.08 0.00	50.22 3.02 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	61.12 3.28 -0.38	63.94 3.42 -0.56	66.95 3.74 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.20	86.22 5.79 -1.15	81.22 4.67 -1.29	74.11 3.90 -0.57	67.54 3.22 0.00	64.15 2.64 0.00	55.73 3.20 0.00	49.20 2.74 0.00
ROME____115KV_TB2 80656	49.73 2.28 0.00	46.87 1.89 0.00	41.85 1.73 0.00	39.84 1.61 0.00	39.91 1.65 0.00	41.13 1.73 0.00	45.46 2.04 0.00	49.23 2.03 0.00	52.73 2.46 0.00	55.82 2.45 0.00	57.09 2.61 0.00	57.84 2.70 0.00	60.28 2.82 0.00	63.08 3.12 0.00	65.50 3.12 0.00	68.49 3.32 0.00	74.27 3.81 0.00	83.57 4.28 0.00	79.63 4.37 0.00	74.17 4.53 0.00	68.18 3.86 0.00	65.01 3.51 0.00	55.36 2.84 0.00	48.78 2.32 0.00
ROSETON___1 23587	49.69 2.23 0.00	47.28 2.29 0.00	41.93 1.81 0.00	39.96 1.72 0.00	39.94 1.68 0.00	41.17 1.77 0.00	45.59 2.17 0.00	49.09 1.89 0.00	52.03 1.76 0.00	55.40 2.03 0.00	56.49 2.02 0.00	57.28 1.98 -0.16	59.77 1.95 -0.35	62.45 1.98 -0.52	65.32 2.18 -0.76	69.18 3.06 -0.95	74.74 3.17 -1.10	84.23 3.88 -1.06	79.31 2.86 -1.19	72.46 2.29 -0.53	66.25 1.93 0.00	62.98 1.47 0.00	54.57 2.05 0.00	48.04 1.58 0.00
ROSETON___2 23588	49.69 2.23 0.00	47.28 2.29 0.00	41.93 1.81 0.00	39.96 1.72 0.00	39.94 1.68 0.00	41.17 1.77 0.00	45.59 2.17 0.00	49.09 1.89 0.00	52.03 1.76 0.00	55.40 2.03 0.00	56.49 2.02 0.00	57.28 1.98 -0.16	59.77 1.95 -0.35	62.45 1.98 -0.52	65.32 2.18 -0.76	69.18 3.06 -0.95	74.74 3.17 -1.10	84.23 3.88 -1.06	79.31 2.86 -1.19	72.46 2.29 -0.53	66.25 1.93 0.00	62.98 1.47 0.00	54.57 2.05 0.00	48.04 1.58 0.00
ROTRRDAM_115KV_TB3 80664	49.07 1.61 0.00	46.56 1.57 0.00	41.36 1.24 0.00	39.42 1.19 0.00	39.45 1.19 0.00	40.66 1.26 0.00	44.86 1.43 0.00	48.52 1.32 0.00	51.62 1.36 0.00	54.76 1.39 0.00	55.78 1.31 0.00	56.29 1.27 0.12	58.48 1.26 0.25	60.84 1.26 0.38	63.14 1.31 0.55	66.23 1.76 0.69	71.50 1.83 0.80	80.66 2.14 0.77	76.44 2.03 0.86	71.21 1.95 0.38	66.06 1.74 0.00	63.16 1.66 0.00	54.21 1.68 0.00	47.85 1.39 0.00
RUSSELL___1 23602	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
RUSSELL___2 23532	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
RUSSELL___3 23549	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
RUSSELL___4 23556	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
RUSSELL___STATION 23914	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
S SALMON___HYD 24043	47.60 0.14 0.00	44.85 -0.13 0.00	40.16 0.04 0.00	38.24 0.00 0.00	38.26 0.00 0.00	39.44 0.04 0.00	43.82 0.00 -0.39	47.61 -0.19 -0.61	50.79 -0.15 -0.67	53.26 -0.11 0.00	55.53 0.05 -1.00	56.83 0.17 -1.53	58.73 0.12 -1.15	61.72 0.00 -1.76	63.73 -0.12 -1.48	67.34 0.20 -1.98	73.19 0.21 -2.51	82.49 0.32 -2.88	75.94 0.68 0.00	70.62 0.97 0.00	65.03 0.71 0.00	61.93 0.43 0.00	53.05 0.53 0.00	47.02 0.56 0.00
S.PERRY___115KV_TB1 80734	49.78 2.33 0.00	46.38 1.39 0.00	41.93 1.81 0.00	39.61 1.38 0.00	39.95 1.68 0.00	41.13 1.73 0.00	44.73 1.30 0.00	47.71 0.52 0.00	49.46 -0.80 0.00	52.09 -1.28 0.00	53.49 -0.98 0.00	54.53 -0.61 0.00	57.29 -0.17 0.00	59.78 -0.18 0.00	62.26 -0.12 0.00	66.34 1.17 0.00	72.79 2.33 0.00	81.43 2.14 0.00	78.96 3.69 0.00	74.17 4.53 0.00	67.60 3.28 0.00	63.96 2.46 0.00	55.15 2.63 0.00	48.73 2.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.08 -0.38 0.00	43.82 -1.17 0.00	39.88 -0.24 0.00	37.62 -0.61 0.00	37.96 -0.31 0.00	39.08 -0.32 0.00	42.25 -1.17 0.00	44.88 -2.31 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.22 -1.25 0.00	54.47 -0.66 0.00	57.35 -0.11 0.00	59.84 -0.12 0.00	62.44 0.06 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.35 1.03 0.00	61.62 0.12 0.00	53.79 1.26 0.00	48.04 1.58 0.00

SAWYER___23_KV_LOAD 55526	47.08 -0.38 0.00	43.82 -1.17 0.00	39.88 -0.24 0.00	37.62 -0.61 0.00	37.96 -0.31 0.00	39.08 -0.32 0.00	42.25 -1.17 0.00	44.88 -2.31 0.00	48.96 -1.31 0.00	51.50 -1.87 0.00	53.22 -1.25 0.00	54.47 -0.66 0.00	57.35 -0.11 0.00	59.84 -0.12 0.00	62.44 0.06 0.00	66.21 1.04 0.00	72.79 2.33 0.00	80.87 1.59 0.00	78.35 3.09 0.00	72.71 3.06 0.00	65.35 1.03 0.00	61.62 0.12 0.00	53.79 1.26 0.00	48.04 1.58 0.00
SELKIRK___I 23801	48.64 1.19 0.00	46.20 1.22 0.00	41.04 0.92 0.00	39.15 0.92 0.00	39.14 0.88 0.00	40.31 0.91 0.00	44.51 1.09 0.00	48.00 0.80 0.00	51.07 0.80 0.00	54.17 0.80 0.00	55.18 0.71 0.00	55.72 0.66 0.08	57.57 0.29 0.18	51.96 -1.02 6.98	53.65 -1.00 7.73	55.76 -0.72 8.69	59.40 -0.92 10.15	65.86 -0.79 12.63	62.78 -1.05 11.44	68.39 -0.98 0.27	63.40 -0.90 0.02	60.64 -0.86 0.00	52.16 -0.37 0.00	46.02 -0.42 0.02
SELKIRK___II 23799	48.35 0.90 0.00	45.97 0.99 0.00	40.80 0.68 0.00	38.96 0.72 0.00	38.95 0.69 0.00	40.11 0.71 0.00	44.29 0.87 0.00	47.86 0.66 0.00	50.87 0.61 0.00	54.01 0.64 0.00	55.07 0.60 0.00	55.59 0.55 0.10	57.19 -0.06 0.22	35.00 -0.36 24.60	35.00 -0.37 27.01	35.00 0.07 30.23	35.00 -0.14 35.33	35.00 0.08 44.37	35.00 -0.37 39.89	68.83 -0.48 0.32	63.81 -0.45 0.06	61.01 -0.49 0.00	52.47 -0.05 0.00	46.26 -0.14 0.06
SENECA OSWGO___HYD 24041	46.89 -0.57 0.00	44.18 -0.81 0.00	39.64 -0.48 0.00	37.70 -0.54 0.00	37.73 -0.54 0.00	38.85 -0.55 0.00	43.33 -0.70 -0.61	47.23 -0.90 -0.93	50.45 -0.85 -1.04	52.46 -0.91 0.00	55.20 -0.82 -1.54	56.78 -0.72 -2.36	58.66 -0.57 -1.77	62.07 -0.60 -2.71	64.03 -0.62 -2.28	67.95 -0.26 -3.05	74.12 -0.21 -3.87	83.49 -0.24 -4.45	75.19 -0.08 0.00	69.64 0.00 0.00	64.06 -0.26 0.00	61.07 -0.43 0.00	52.27 -0.26 0.00	46.37 -0.09 0.00
SENECA___115KV_TB3 355854	47.60 0.14 0.00	44.27 -0.72 0.00	40.20 0.08 0.00	38.01 -0.23 0.00	38.30 0.04 0.00	39.48 0.08 0.00	42.64 -0.78 0.00	45.40 -1.79 0.00	49.51 -0.75 0.00	52.03 -1.33 0.00	53.82 -0.65 0.00	55.03 -0.11 0.00	58.04 0.57 0.00	60.62 0.66 0.00	63.25 0.87 0.00	67.05 1.89 0.00	73.71 3.24 0.00	81.90 2.62 0.00	79.41 4.14 0.00	73.68 4.04 0.00	66.12 1.80 0.00	62.42 0.92 0.00	54.42 1.89 0.00	48.55 2.09 0.00
SENECA___ENERGY 23797	47.88 0.43 0.00	44.94 -0.04 0.00	40.36 0.24 0.00	38.31 0.08 0.00	38.45 0.19 0.00	39.64 0.24 0.00	43.59 0.00 -0.17	47.22 -0.23 -0.26	50.56 0.00 -0.29	53.31 -0.05 0.00	55.12 0.22 -0.43	56.24 0.44 -0.66	58.76 0.80 -0.50	61.56 0.84 -0.76	63.96 0.94 -0.64	67.58 1.56 -0.85	73.60 2.04 -1.08	82.83 2.30 -1.25	77.97 2.71 0.00	72.22 2.58 0.00	66.12 1.80 0.00	62.79 1.29 0.00	53.79 1.26 0.00	47.81 1.35 0.00
SHOEMAKER___GT 23640	49.59 2.14 0.00	47.14 2.16 0.00	41.85 1.72 0.00	39.84 1.61 0.00	39.87 1.61 0.00	41.09 1.69 0.00	45.42 2.00 0.00	48.94 1.75 0.00	51.92 1.66 0.00	55.23 1.87 0.00	56.32 1.85 0.00	57.10 1.82 -0.14	59.62 1.84 -0.32	62.28 1.86 -0.46	65.12 2.06 -0.68	68.89 2.86 -0.86	74.42 2.96 -0.99	83.89 3.65 -0.95	79.20 2.86 -1.07	72.55 2.44 -0.48	66.44 2.12 0.00	63.16 1.66 0.00	54.63 2.10 0.00	48.04 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	49.59 2.14 0.00	47.10 2.11 0.00	41.81 1.69 0.00	39.84 1.61 0.00	39.83 1.57 0.00	41.06 1.65 0.00	45.38 1.95 0.00	48.99 1.79 0.00	51.98 1.71 0.00	55.18 1.81 0.00	56.32 1.85 0.00	57.15 1.87 -0.14	59.67 1.90 -0.31	62.34 1.92 -0.46	65.11 2.06 -0.67	68.95 2.93 -0.85	74.48 3.03 -0.98	83.72 3.49 -0.94	79.18 2.86 -1.06	72.55 2.44 -0.47	66.31 1.99 0.00	63.10 1.60 0.00	54.63 2.10 0.00	48.13 1.67 0.00
SHOREHAM_IC_1 23715	59.79 3.99 -8.35	49.63 4.54 -0.10	47.08 4.09 -2.87	47.38 3.90 -5.24	47.17 3.86 -5.05	45.28 3.98 -1.90	47.90 4.47 -0.01	50.04 2.83 -0.01	52.72 2.51 0.06	55.89 2.88 0.35	58.07 3.59 0.00	74.26 3.92 -15.21	63.05 4.14 -1.45	68.03 4.20 -3.88	67.72 4.37 -0.97	92.97 5.47 -22.33	208.02 5.85 -131.71	264.29 7.14 -177.86	313.35 5.87 -232.21	242.39 4.95 -167.80	196.57 3.92 -128.32	81.40 3.50 -16.39	55.46 3.68 0.74	52.37 2.74 -3.17
SHOREHAM_IC_2 23716	59.84 4.03 -8.35	49.58 4.50 -0.09	47.08 4.09 -2.87	47.37 3.90 -5.24	47.17 3.86 -5.05	45.28 3.98 -1.90	47.89 4.47 0.00	50.94 3.73 -0.01	52.93 2.71 0.06	55.79 2.78 0.35	58.02 3.54 0.00	74.26 3.91 -15.21	63.05 4.14 -1.45	68.03 4.20 -3.88	67.71 4.37 -0.96	92.96 5.47 -22.32	208.01 5.85 -131.70	263.97 6.82 -177.86	313.35 5.87 -232.21	242.46 5.01 -167.80	196.50 3.86 -128.32	81.40 3.51 -16.39	55.47 3.68 0.74	52.51 2.88 -3.17
SISSONVILLE____ 23735	47.55 0.09 0.00	45.21 0.22 0.00	40.32 0.20 0.00	38.50 0.27 0.00	38.53 0.27 0.00	39.72 0.32 0.00	43.73 0.30 0.00	47.90 0.71 0.00	50.97 0.70 0.00	54.12 0.75 0.00	55.13 0.65 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.67 -1.50 0.00	68.85 -1.62 0.00	77.78 -1.51 0.00	73.84 -1.43 0.00	68.74 -0.91 0.00	64.06 -0.26 0.00	61.56 0.06 0.00	52.37 -0.16 0.00	46.60 0.14 0.00
SITHE_IND_GS1 24169	46.22 -1.23 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.17 -1.07 0.00	37.23 -1.03 0.00	38.30 -1.10 0.00	40.04 -1.26 2.12	42.42 -1.51 3.27	45.14 -1.51 3.62	51.77 -1.60 0.00	47.56 -1.52 5.39	45.45 -1.43 8.26	49.85 -1.43 6.18	48.97 -1.50 9.49	52.93 -1.50 7.96	53.20 -1.30 10.66	55.59 -1.34 13.53	62.23 -1.51 15.55	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
SITHE_IND_GS2 24170	46.22 -1.23 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.17 -1.07 0.00	37.23 -1.03 0.00	38.30 -1.10 0.00	40.04 -1.26 2.12	42.42 -1.51 3.27	45.14 -1.51 3.62	51.77 -1.60 0.00	47.56 -1.52 5.39	45.45 -1.43 8.26	49.85 -1.43 6.18	48.97 -1.50 9.49	52.93 -1.50 7.96	53.20 -1.30 10.66	55.59 -1.34 13.53	62.23 -1.51 15.55	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
SITHE_IND_GS3 24171	46.22 -1.23 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.17 -1.07 0.00	37.23 -1.03 0.00	38.30 -1.10 0.00	40.04 -1.26 2.12	42.42 -1.51 3.27	45.14 -1.51 3.62	51.77 -1.60 0.00	47.56 -1.52 5.39	45.45 -1.43 8.26	49.85 -1.43 6.18	48.97 -1.50 9.49	52.93 -1.50 7.96	53.20 -1.30 10.66	55.59 -1.34 13.53	62.23 -1.51 15.55	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00
SITHE_IND_GS4 24172	46.22 -1.23 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.17 -1.07 0.00	37.23 -1.03 0.00	38.30 -1.10 0.00	40.04 -1.26 2.12	42.42 -1.51 3.27	45.14 -1.51 3.62	51.77 -1.60 0.00	47.56 -1.52 5.39	45.45 -1.43 8.26	49.85 -1.43 6.18	48.97 -1.50 9.49	52.93 -1.50 7.96	53.20 -1.30 10.66	55.59 -1.34 13.53	62.23 -1.51 15.55	73.99 -1.28 0.00	68.53 -1.12 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.62 -0.83 0.00

SITHE___BATAVIA 24024	48.40 0.95 0.00	45.03 0.05 0.00	40.92 0.80 0.00	38.58 0.34 0.00	38.91 0.65 0.00	40.07 0.67 0.00	43.55 0.13 0.00	46.68 -0.52 0.00	50.57 0.30 0.00	53.05 -0.32 0.00	54.80 0.33 0.00	55.91 0.77 0.00	58.84 1.38 0.00	61.40 1.44 0.00	64.07 1.68 0.00	67.84 2.67 0.00	74.41 3.94 0.00	83.41 4.12 0.00	80.46 5.19 0.00	74.93 5.29 0.00	67.79 3.47 0.00	63.78 2.28 0.00	55.36 2.83 0.00	49.90 3.44 0.00
SITHE___INDEPEND 23800	46.22 -1.23 0.00	43.64 -1.35 0.00	39.08 -1.04 0.00	37.16 -1.07 0.00	37.23 -1.03 0.00	38.30 -1.10 0.00	40.04 -1.26 2.12	42.37 -1.56 3.27	45.14 -1.51 3.62	51.71 -1.65 0.00	47.50 -1.58 5.39	45.45 -1.43 8.26	49.85 -1.44 6.18	48.97 -1.50 9.49	52.93 -1.50 7.96	53.20 -1.30 10.66	55.60 -1.34 13.53	62.07 -1.67 15.55	73.99 -1.28 0.00	68.53 -1.11 0.00	63.03 -1.29 0.00	60.09 -1.41 0.00	51.48 -1.05 0.00	45.58 -0.88 0.00
SITHE___MASSENA 23902	47.31 -0.14 0.00	45.03 0.05 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.52 0.12 0.00	43.47 0.04 0.00	47.72 0.52 0.00	50.67 0.40 0.00	53.74 0.38 0.00	54.69 0.22 0.00	55.19 0.06 0.00	57.47 0.00 0.00	60.14 0.18 0.00	62.44 0.06 0.00	64.19 -0.98 0.00	69.55 -0.92 0.00	78.18 -1.11 0.00	74.44 -0.83 0.00	69.08 -0.56 0.00	64.19 -0.13 0.00	61.81 0.31 0.00	52.27 -0.26 0.00	46.32 -0.14 0.00
SITHE___OGDNSBRG 24021	48.17 0.71 0.00	45.84 0.85 0.00	40.88 0.76 0.00	39.00 0.76 0.00	39.03 0.77 0.00	40.23 0.83 0.00	44.25 0.83 0.00	48.42 1.23 0.00	51.42 1.16 0.00	54.49 1.12 0.00	55.45 0.98 0.00	55.69 0.55 0.00	57.87 0.40 0.00	60.68 0.72 0.00	62.88 0.50 0.00	64.45 -0.72 0.00	69.90 -0.56 0.00	79.05 -0.24 0.00	75.27 0.00 0.00	70.27 0.63 0.00	65.54 1.22 0.00	62.98 1.48 0.00	53.21 0.68 0.00	47.20 0.74 0.00
SITHE___STERLING 23777	49.16 1.71 0.00	46.38 1.40 0.00	41.44 1.32 0.00	39.42 1.19 0.00	39.49 1.22 0.00	40.70 1.30 0.00	45.03 1.61 0.00	48.75 1.56 0.00	52.13 1.86 0.00	55.29 1.92 0.00	56.54 2.07 0.00	57.28 2.15 0.00	59.70 2.24 0.00	62.48 2.52 0.00	64.88 2.50 0.00	67.90 2.74 0.00	73.56 3.10 0.00	82.77 3.48 0.00	78.73 3.46 0.00	73.19 3.55 0.00	67.34 3.02 0.00	64.14 2.64 0.00	54.73 2.21 0.00	48.32 1.86 0.00
SLEIGHT__34_KV_TB1 80719	47.60 0.14 0.00	44.58 -0.40 0.00	40.16 0.04 0.00	38.04 -0.19 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.16 -0.35 -0.09	46.57 -0.76 -0.13	50.11 -0.30 -0.15	52.94 -0.43 0.00	54.69 0.00 -0.22	55.86 0.39 -0.33	58.52 0.80 -0.25	61.18 0.84 -0.38	63.64 0.94 -0.32	67.23 1.63 -0.43	73.20 2.18 -0.55	81.98 2.06 -0.63	78.05 2.78 0.00	72.36 2.72 0.00	65.93 1.61 0.00	62.55 1.05 0.00	53.79 1.26 0.00	47.62 1.16 0.00
SMITHTWN_69_KV_BK 1 55830	62.12 4.13 -10.53	49.81 4.68 -0.15	47.16 4.17 -2.87	47.41 3.94 -5.24	47.21 3.90 -5.05	45.36 4.06 -1.90	47.98 4.56 0.00	50.99 3.78 -0.02	52.99 2.81 0.09	55.65 2.94 0.65	57.92 3.65 0.20	68.34 3.86 -9.35	63.31 4.08 -1.77	69.73 4.38 -5.39	67.89 4.80 -0.70	78.69 6.00 -7.53	280.41 6.34 -203.60	361.90 7.14 -275.48	440.63 5.72 -359.64	334.50 4.81 -260.06	267.07 3.67 -199.09	90.06 3.32 -25.24	54.67 3.73 1.58	54.26 2.93 -4.87
SOUTH CAIRO___GT 23612	50.02 2.56 0.00	47.41 2.43 0.00	42.09 1.97 0.00	40.03 1.80 0.00	40.06 1.80 0.00	41.33 1.93 0.00	45.59 2.17 0.00	49.04 1.84 0.00	52.03 1.76 0.00	54.97 1.60 0.00	55.78 1.31 0.00	56.73 1.65 0.06	58.78 1.44 0.13	52.19 0.96 8.72	53.77 1.00 9.61	55.83 1.43 10.77	59.44 1.55 12.58	65.83 2.30 15.75	63.40 2.33 14.20	71.75 2.30 0.19	66.23 1.93 0.02	63.41 1.91 0.00	54.42 1.89 0.00	48.02 1.58 0.02
SOUTH HAMPTN___IC 23720	60.73 5.13 -8.15	50.66 5.58 -0.10	48.00 5.01 -2.87	48.21 4.74 -5.24	48.01 4.70 -5.05	46.15 4.84 -1.90	48.81 5.38 -0.01	51.03 3.82 -0.01	53.93 3.72 0.05	57.26 4.22 0.33	59.59 5.12 0.00	76.11 5.51 -15.46	64.67 5.80 -1.40	69.75 6.05 -3.74	69.71 6.37 -0.96	95.84 7.56 -23.12	204.78 8.10 -126.21	258.97 9.27 -170.41	305.50 7.75 -222.48	237.16 6.75 -160.77	192.84 5.59 -122.93	82.28 5.04 -15.73	56.75 4.89 0.67	53.31 3.81 -3.04
SOUTHDOW_115KV_TB1 355954	48.93 1.47 0.00	45.48 0.49 0.00	41.12 1.00 0.00	39.00 0.76 0.00	39.29 1.03 0.00	40.62 1.22 0.00	43.99 0.56 0.00	47.05 -0.14 0.00	51.27 1.01 0.00	53.74 0.37 0.00	55.40 0.93 0.00	56.73 1.60 0.00	59.82 2.36 0.00	62.66 2.70 0.00	65.31 2.93 0.00	69.14 3.98 0.00	76.17 5.71 0.00	84.52 5.23 0.00	82.12 6.85 0.00	76.19 6.55 0.00	68.37 4.05 0.00	64.58 3.08 0.00	56.20 3.68 0.00	49.94 3.48 0.00
SOUTHOLD_69_KV_BK 2 55809	62.06 6.45 -8.16	51.87 6.79 -0.09	49.01 6.02 -2.87	49.21 5.74 -5.24	49.01 5.70 -5.05	47.09 5.79 -1.90	49.76 6.34 0.00	53.06 5.85 -0.01	55.44 5.23 0.05	58.59 5.55 0.33	61.18 6.70 0.00	77.77 7.17 -15.46	66.45 7.59 -1.40	71.67 7.97 -3.74	71.76 8.42 -0.96	97.54 9.71 -22.66	207.17 10.43 -126.27	259.54 9.75 -170.50	306.22 8.35 -222.60	237.81 7.31 -160.86	194.65 7.33 -123.00	83.89 6.64 -15.74	57.95 6.09 0.67	54.52 5.02 -3.05
SOUTHOLD___IC 23719	62.06 6.45 -8.15	51.92 6.84 -0.10	49.00 6.02 -2.87	49.21 5.73 -5.24	49.01 5.70 -5.05	47.10 5.79 -1.90	49.77 6.34 -0.01	52.16 4.95 -0.01	55.24 5.03 0.05	58.70 5.65 0.33	61.17 6.70 0.00	77.76 7.16 -15.46	66.45 7.58 -1.40	71.67 7.98 -3.74	71.76 8.42 -0.96	97.48 9.64 -22.67	207.17 10.43 -126.28	259.86 10.07 -170.50	306.22 8.35 -222.60	237.81 7.31 -160.86	194.71 7.39 -123.00	83.89 6.64 -15.74	57.95 6.09 0.67	54.42 4.92 -3.04
SOUTH_FORK_WT_PWR 323839	62.25 6.64 -8.15	52.10 7.01 -0.10	49.21 6.22 -2.87	49.40 5.93 -5.24	49.16 5.85 -5.05	47.21 5.91 -1.90	49.86 6.43 -0.01	52.26 5.05 -0.01	55.39 5.18 0.05	58.86 5.82 0.33	61.39 6.92 0.00	77.93 7.33 -15.46	66.68 7.81 -1.40	71.85 8.15 -3.74	71.89 8.55 -0.96	97.85 9.77 -22.91	207.21 10.50 -126.24	260.75 11.02 -170.45	307.06 9.26 -222.54	238.66 8.21 -160.81	194.74 7.46 -122.96	83.88 6.64 -15.74	57.90 6.04 0.67	54.47 4.97 -3.04
SPIERFLS_115KV_TB 1 80737	50.87 3.42 0.00	48.22 3.24 0.00	42.69 2.57 0.00	40.68 2.45 0.00	40.71 2.45 0.00	42.00 2.60 0.00	46.42 3.00 0.00	50.17 2.97 0.00	53.53 3.27 0.00	56.68 3.31 0.00	57.20 2.72 0.00	57.63 2.65 0.15	59.90 2.76 0.32	62.18 2.70 0.48	64.36 2.68 0.70	67.47 3.19 0.89	72.97 3.52 1.02	82.42 4.12 0.98	78.98 4.82 1.10	73.89 4.74 0.49	68.89 4.57 0.00	66.11 4.61 0.00	56.52 3.99 0.00	49.66 3.21 0.00
ST LAWRENCE____ 23600	46.74 -0.71 0.00	44.49 -0.49 0.00	39.64 -0.48 0.00	37.82 -0.42 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.90 -0.52 0.00	47.05 -0.14 0.00	50.02 -0.25 0.00	53.00 -0.37 0.00	53.98 -0.49 0.00	54.58 -0.55 0.00	56.89 -0.57 0.00	59.42 -0.54 0.00	61.76 -0.62 0.00	63.73 -1.43 0.00	68.98 -1.48 0.00	77.47 -1.82 0.00	73.76 -1.50 0.00	68.32 -1.33 0.00	63.42 -0.90 0.00	61.01 -0.49 0.00	51.58 -0.94 0.00	45.71 -0.75 0.00

STATE_CA_115KV_115_LB 55624	48.55 1.09 0.00	46.11 1.12 0.00	40.88 0.76 0.00	39.04 0.80 0.00	39.03 0.77 0.00	40.23 0.83 0.00	44.42 1.00 0.00	48.05 0.85 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.23 0.76 0.00	55.77 0.77 0.14	57.74 0.57 0.30	59.93 0.42 0.45	62.16 0.44 0.66	65.25 0.91 0.83	70.28 0.78 0.96	79.32 0.95 0.92	74.91 0.68 1.03	69.74 0.56 0.46	64.71 0.39 0.00	61.93 0.43 0.00	53.26 0.74 0.00	47.02 0.56 0.00
STATE_ST_34_KV_LOAD 55959	47.98 0.52 0.00	45.12 0.13 0.00	40.48 0.36 0.00	38.50 0.27 0.00	38.57 0.31 0.00	39.72 0.32 0.00	43.78 0.17 -0.19	47.49 0.00 -0.29	50.74 0.15 -0.32	53.58 0.21 0.00	55.33 0.38 -0.48	56.58 0.72 -0.73	58.99 0.98 -0.55	61.82 1.02 -0.84	64.15 1.06 -0.71	67.74 1.63 -0.95	73.64 1.97 -1.20	82.73 2.06 -1.38	77.83 2.56 0.00	72.08 2.44 0.00	66.12 1.80 0.00	62.98 1.48 0.00	53.89 1.37 0.00	47.57 1.11 0.00
STATION_5_MISC_HYD 23604	47.83 0.38 0.00	44.72 -0.27 0.00	40.40 0.28 0.00	38.20 -0.04 0.00	38.45 0.19 0.00	39.56 0.16 0.00	43.12 -0.30 0.00	46.44 -0.76 0.00	50.17 -0.10 0.00	53.00 -0.37 0.00	54.64 0.16 0.00	55.69 0.55 0.00	58.44 0.98 0.00	60.98 1.02 0.00	63.56 1.18 0.00	67.19 2.02 0.00	73.29 2.82 0.00	82.22 2.94 0.00	78.81 3.54 0.00	73.19 3.55 0.00	66.57 2.25 0.00	62.85 1.35 0.00	54.26 1.73 0.00	48.55 2.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.83 0.38 0.00	44.81 -0.18 0.00	40.36 0.24 0.00	38.24 0.00 0.00	38.41 0.15 0.00	39.56 0.16 0.00	43.33 -0.17 -0.08	46.75 -0.57 -0.13	50.25 -0.15 -0.14	53.05 -0.32 0.00	54.79 0.11 -0.21	55.95 0.50 -0.32	58.56 0.86 -0.24	61.28 0.96 -0.36	63.75 1.06 -0.30	67.33 1.76 -0.41	73.38 2.40 -0.52	82.18 2.30 -0.59	78.35 3.09 0.00	72.71 3.06 0.00	66.25 1.93 0.00	62.79 1.29 0.00	54.05 1.52 0.00	47.85 1.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.55 0.09 0.00	44.45 -0.54 0.00	40.16 0.04 0.00	37.97 -0.27 0.00	38.22 -0.04 0.00	39.32 -0.08 0.00	42.94 -0.48 0.00	46.16 -1.04 0.00	49.81 -0.45 0.00	52.67 -0.69 0.00	54.31 -0.16 0.00	55.41 0.28 0.00	58.21 0.75 0.00	60.74 0.78 0.00	63.32 0.94 0.00	66.86 1.69 0.00	72.86 2.40 0.00	81.51 2.22 0.00	78.35 3.09 0.00	72.71 3.06 0.00	66.06 1.74 0.00	62.55 1.05 0.00	53.95 1.42 0.00	47.81 1.35 0.00
STA_56___34_KV_BUS2 355983	47.55 0.09 0.00	44.45 -0.54 0.00	40.16 0.04 0.00	37.97 -0.27 0.00	38.22 -0.04 0.00	39.32 -0.08 0.00	42.94 -0.48 0.00	46.16 -1.04 0.00	49.81 -0.45 0.00	52.67 -0.69 0.00	54.31 -0.16 0.00	55.41 0.28 0.00	58.21 0.75 0.00	60.74 0.78 0.00	63.32 0.94 0.00	66.86 1.69 0.00	72.86 2.40 0.00	81.51 2.22 0.00	78.35 3.09 0.00	72.71 3.06 0.00	66.06 1.74 0.00	62.55 1.05 0.00	53.95 1.42 0.00	47.81 1.35 0.00
STA_67___115KV_BK2 355882	47.69 0.24 0.00	44.58 -0.40 0.00	40.28 0.16 0.00	38.08 -0.15 0.00	38.34 0.08 0.00	39.44 0.04 0.00	43.03 -0.39 0.00	46.20 -0.99 0.00	49.86 -0.40 0.00	52.73 -0.64 0.00	54.36 -0.11 0.00	55.47 0.33 0.00	58.21 0.75 0.00	60.74 0.78 0.00	63.32 0.94 0.00	66.92 1.76 0.00	73.00 2.54 0.00	81.59 2.30 0.00	78.50 3.24 0.00	72.92 3.27 0.00	66.19 1.87 0.00	62.61 1.11 0.00	54.10 1.58 0.00	47.99 1.53 0.00
STA_7___115KV_9TRANS 80674	48.12 0.66 0.00	44.99 0.00 0.00	40.60 0.48 0.00	38.39 0.15 0.00	38.64 0.38 0.00	39.75 0.35 0.00	43.38 -0.04 0.00	46.58 -0.61 0.00	50.32 0.05 0.00	53.21 -0.16 0.00	54.91 0.44 0.00	56.07 0.94 0.00	58.90 1.44 0.00	61.52 1.56 0.00	64.13 1.75 0.00	67.77 2.61 0.00	73.92 3.45 0.00	82.54 3.25 0.00	79.56 4.29 0.00	73.89 4.25 0.00	66.96 2.64 0.00	63.35 1.85 0.00	54.68 2.15 0.00	48.46 2.00 0.00
STA_82___115KV_TB1 80780	47.69 0.24 0.00	44.58 -0.40 0.00	40.28 0.16 0.00	38.08 -0.15 0.00	38.34 0.08 0.00	39.44 0.04 0.00	43.03 -0.39 0.00	46.20 -0.99 0.00	49.86 -0.40 0.00	52.73 -0.64 0.00	54.36 -0.11 0.00	55.47 0.33 0.00	58.27 0.80 0.00	60.80 0.84 0.00	63.38 1.00 0.00	66.92 1.76 0.00	73.00 2.54 0.00	81.59 2.30 0.00	78.50 3.24 0.00	72.92 3.27 0.00	66.19 1.87 0.00	62.61 1.11 0.00	54.10 1.58 0.00	47.99 1.53 0.00
STEEL___WIND 323596	47.55 0.10 0.00	44.26 -0.72 0.00	40.24 0.12 0.00	37.97 -0.27 0.00	38.30 0.04 0.00	39.44 0.04 0.00	42.64 -0.78 0.00	45.59 -1.60 0.00	49.67 -0.60 0.00	52.19 -1.17 0.00	53.98 -0.49 0.00	55.03 -0.11 0.00	57.92 0.46 0.00	60.56 0.60 0.00	63.13 0.75 0.00	66.99 1.82 0.00	73.64 3.17 0.00	82.37 3.09 0.00	79.33 4.06 0.00	73.54 3.90 0.00	66.32 2.00 0.00	62.36 0.86 0.00	54.36 1.84 0.00	49.10 2.65 0.00
STEPHTWN_115KV_BK_2 55603	48.78 1.33 0.00	46.33 1.35 0.00	41.04 0.92 0.00	39.15 0.92 0.00	39.14 0.88 0.00	40.39 0.99 0.00	44.64 1.22 0.00	48.28 1.09 0.00	51.37 1.11 0.00	54.49 1.12 0.00	55.45 0.98 0.00	55.99 0.99 0.13	57.92 0.75 0.30	60.12 0.60 0.44	62.36 0.62 0.64	65.47 1.11 0.81	70.59 1.06 0.93	79.66 1.27 0.90	75.24 0.98 1.00	70.03 0.84 0.45	65.03 0.71 0.00	62.24 0.74 0.00	53.47 0.95 0.00	47.20 0.74 0.00
STEUBEN_REC_LFGE 323667	48.97 1.52 0.00	45.61 0.63 0.00	41.24 1.12 0.00	39.00 0.76 0.00	39.29 1.03 0.00	40.54 1.14 0.00	44.07 0.65 0.00	47.15 -0.05 0.00	50.62 0.35 0.00	53.37 0.00 0.00	54.80 0.33 0.00	56.02 0.88 0.00	58.96 1.49 0.00	61.58 1.62 0.00	64.13 1.75 0.00	67.97 2.80 0.00	74.69 4.23 0.00	83.33 4.04 0.00	80.76 5.49 0.00	75.14 5.50 0.00	68.18 3.86 0.00	64.51 3.01 0.00	55.63 3.10 0.00	49.34 2.88 0.00
STILLWATER___SOLAR 323814	50.16 2.70 0.00	47.59 2.61 0.00	42.21 2.08 0.00	40.22 1.99 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.85 2.43 0.00	49.46 2.27 0.00	52.68 2.41 0.00	55.82 2.46 0.00	56.65 2.18 0.00	57.07 2.09 0.16	59.23 2.13 0.36	61.58 2.16 0.53	63.78 2.18 0.78	66.92 2.74 0.98	72.29 2.96 1.13	81.84 3.65 1.09	77.58 3.54 1.22	72.58 3.48 0.54	67.60 3.28 0.00	64.70 3.20 0.00	55.52 2.99 0.00	48.83 2.37 0.00
STONY___BROOK 24151	60.83 4.08 -9.29	49.79 4.68 -0.12	47.20 4.21 -2.87	47.45 3.98 -5.24	47.29 3.98 -5.05	45.40 4.10 -1.90	48.03 4.60 -0.01	50.19 2.98 -0.02	52.81 2.61 0.07	55.87 2.99 0.48	58.13 3.65 0.00	71.87 3.69 -13.04	63.07 3.91 -1.69	68.80 4.20 -4.64	67.94 4.55 -1.00	78.46 5.74 -7.56	238.18 5.99 -161.73	304.94 7.05 -218.60	366.06 5.42 -285.37	280.48 4.60 -206.24	225.66 3.54 -157.81	84.70 3.13 -20.07	55.10 3.68 1.10	53.17 2.83 -3.88
STURGEON_POOL_HYD 23609	50.02 2.56 0.00	47.55 2.56 0.00	42.17 2.05 0.00	40.15 1.91 0.00	40.17 1.91 0.00	41.37 1.97 0.00	45.81 2.39 0.00	49.37 2.17 0.00	52.28 2.01 0.00	55.56 2.19 0.00	56.71 2.23 0.00	57.70 2.48 -0.09	60.24 2.59 -0.19	61.05 2.70 1.61	63.66 2.93 1.65	67.28 3.91 1.79	72.31 3.95 2.10	81.06 4.60 2.83	76.63 3.76 2.40	73.06 3.13 -0.28	66.76 2.44 0.00	63.47 1.97 0.00	55.05 2.52 0.00	48.54 2.09 0.00

ST_LAW_115_BK7_LBMP 345037	46.74 -0.71 0.00	44.49 -0.49 0.00	39.64 -0.48 0.00	37.82 -0.42 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.90 -0.52 0.00	47.05 -0.14 0.00	50.02 -0.25 0.00	53.00 -0.37 0.00	53.98 -0.49 0.00	54.58 -0.55 0.00	56.83 -0.63 0.00	59.42 -0.54 0.00	61.70 -0.68 0.00	63.60 -1.56 0.00	68.92 -1.55 0.00	77.38 -1.90 0.00	73.68 -1.58 0.00	68.25 -1.39 0.00	63.42 -0.90 0.00	61.01 -0.49 0.00	51.58 -0.94 0.00	45.71 -0.75 0.00
ST_LAW_115_BK8_LBMP 345038	46.74 -0.71 0.00	44.49 -0.49 0.00	39.64 -0.48 0.00	37.82 -0.42 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.90 -0.52 0.00	47.05 -0.14 0.00	50.02 -0.25 0.00	53.00 -0.37 0.00	53.98 -0.49 0.00	54.58 -0.55 0.00	56.83 -0.63 0.00	59.42 -0.54 0.00	61.70 -0.68 0.00	63.60 -1.56 0.00	68.92 -1.55 0.00	77.38 -1.90 0.00	73.68 -1.58 0.00	68.25 -1.39 0.00	63.42 -0.90 0.00	61.01 -0.49 0.00	51.58 -0.94 0.00	45.71 -0.75 0.00
ST_LAW_230_BK5_LBMP 345035	46.74 -0.71 0.00	44.49 -0.49 0.00	39.64 -0.48 0.00	37.82 -0.42 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.90 -0.52 0.00	47.05 -0.14 0.00	50.02 -0.25 0.00	53.00 -0.37 0.00	53.98 -0.49 0.00	54.58 -0.55 0.00	56.89 -0.57 0.00	59.42 -0.54 0.00	61.76 -0.62 0.00	63.73 -1.43 0.00	68.98 -1.48 0.00	77.47 -1.82 0.00	73.76 -1.50 0.00	68.32 -1.33 0.00	63.42 -0.90 0.00	61.01 -0.49 0.00	51.58 -0.94 0.00	45.71 -0.75 0.00
ST_LAW_230_BK6_LBMP 345036	46.74 -0.71 0.00	44.49 -0.49 0.00	39.64 -0.48 0.00	37.82 -0.42 0.00	37.84 -0.42 0.00	38.97 -0.43 0.00	42.90 -0.52 0.00	47.05 -0.14 0.00	50.02 -0.25 0.00	53.00 -0.37 0.00	53.98 -0.49 0.00	54.58 -0.55 0.00	56.89 -0.57 0.00	59.42 -0.54 0.00	61.76 -0.62 0.00	63.73 -1.43 0.00	68.98 -1.48 0.00	77.47 -1.82 0.00	73.76 -1.50 0.00	68.32 -1.33 0.00	63.42 -0.90 0.00	61.01 -0.49 0.00	51.58 -0.94 0.00	45.71 -0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.83 2.37 0.00	47.37 2.38 0.00	42.01 1.89 0.00	40.03 1.80 0.00	40.02 1.76 0.00	41.25 1.85 0.00	45.64 2.21 0.00	49.27 2.08 0.00	52.28 2.01 0.00	55.50 2.13 0.00	56.65 2.18 0.00	57.49 2.21 -0.15	60.03 2.24 -0.33	62.72 2.28 -0.48	65.59 2.50 -0.71	69.45 3.39 -0.89	75.02 3.52 -1.03	84.40 4.12 -0.99	79.69 3.31 -1.11	72.92 2.79 -0.49	66.57 2.25 0.00	63.35 1.85 0.00	54.89 2.36 0.00	48.36 1.90 0.00
SWANROAD_115KV_TB1 355699	46.46 -1.00 0.00	43.28 -1.71 0.00	39.44 -0.68 0.00	37.16 -1.07 0.00	37.23 -1.03 0.00	38.65 -0.75 0.00	41.51 -1.91 0.00	43.84 -3.35 0.00	47.85 -2.41 0.00	50.33 -3.04 0.00	52.08 -2.40 0.00	53.26 -1.87 0.00	56.09 -1.38 0.00	58.46 -1.50 0.00	61.01 -1.37 0.00	64.71 -0.46 0.00	71.10 0.63 0.00	79.05 -0.24 0.00	76.62 1.35 0.00	71.17 1.53 0.00	63.87 -0.45 0.00	60.27 -1.23 0.00	52.68 0.16 0.00	47.20 0.74 0.00
SYNERGY___BIOGAS 323694	48.36 0.90 0.00	45.03 0.04 0.00	40.88 0.76 0.00	38.58 0.34 0.00	38.76 0.50 0.00	40.07 0.67 0.00	43.55 0.13 0.00	46.49 -0.71 0.00	50.37 0.10 0.00	52.89 -0.48 0.00	54.64 0.16 0.00	55.91 0.77 0.00	58.84 1.38 0.00	61.40 1.44 0.00	64.06 1.68 0.00	67.77 2.61 0.00	74.41 3.95 0.00	83.01 3.73 0.00	80.46 5.19 0.00	74.93 5.29 0.00	67.60 3.28 0.00	63.78 2.28 0.00	55.36 2.84 0.00	49.20 2.74 0.00
SYRACUSE___ENERGY_ST1 323597	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
SYRACUSE___ENERGY_ST2 323598	47.55 0.09 0.00	44.76 -0.22 0.00	40.16 0.04 0.00	38.16 -0.08 0.00	38.22 -0.04 0.00	39.36 -0.04 0.00	43.45 -0.22 -0.24	47.19 -0.38 -0.37	50.43 -0.25 -0.41	53.15 -0.21 0.00	55.03 -0.05 -0.62	56.19 0.11 -0.94	58.52 0.34 -0.71	61.40 0.36 -1.09	63.66 0.37 -0.91	67.23 0.85 -1.22	72.93 0.92 -1.55	81.94 0.87 -1.78	76.47 1.20 0.00	70.76 1.11 0.00	65.03 0.71 0.00	61.99 0.49 0.00	53.05 0.53 0.00	46.92 0.46 0.00
SYRACUSE___POWER 24017	47.45 0.00 0.00	44.67 -0.31 0.00	40.04 -0.08 0.00	38.04 -0.19 0.00	38.11 -0.15 0.00	39.24 -0.16 0.00	43.19 -0.30 -0.08	46.79 -0.52 -0.12	50.05 -0.35 -0.13	52.99 -0.37 0.00	54.45 -0.22 -0.19	55.43 0.00 -0.30	57.86 0.17 -0.22	60.48 0.18 -0.34	62.85 0.19 -0.29	66.20 0.65 -0.38	71.73 0.78 -0.49	80.56 0.71 -0.56	76.32 1.05 0.00	70.62 0.97 0.00	64.83 0.51 0.00	61.81 0.31 0.00	52.89 0.37 0.00	46.78 0.33 0.00
TALLMAN_138KV_BK151 55660	50.16 2.70 0.00	47.73 2.74 0.00	42.29 2.17 0.00	40.26 2.03 0.00	40.29 2.03 0.00	41.53 2.13 0.00	45.98 2.56 0.00	49.65 2.45 0.00	52.63 2.36 0.00	55.93 2.56 0.00	57.09 2.61 0.00	57.94 2.65 -0.16	60.46 2.64 -0.35	63.23 2.76 -0.51	66.13 2.99 -0.76	70.09 3.98 -0.95	75.79 4.23 -1.10	85.18 4.84 -1.06	80.37 3.91 -1.18	73.44 3.27 -0.53	66.96 2.64 0.00	63.59 2.09 0.00	55.26 2.73 0.00	48.64 2.18 0.00
TEALLAVE_115KV_TB7 355573	47.27 -0.19 0.00	44.49 -0.49 0.00	39.84 -0.28 0.00	37.89 -0.34 0.00	37.96 -0.31 0.00	39.08 -0.32 0.00	43.06 -0.43 -0.07	46.65 -0.66 -0.11	49.89 -0.50 -0.12	52.89 -0.48 0.00	54.27 -0.38 -0.18	55.25 -0.17 -0.28	57.68 0.00 -0.21	60.28 0.00 -0.32	62.65 0.00 -0.27	65.98 0.46 -0.36	71.42 0.49 -0.46	80.21 0.40 -0.53	75.94 0.68 0.00	70.27 0.63 0.00	64.51 0.19 0.00	61.50 0.00 0.00	52.68 0.16 0.00	46.60 0.14 0.00
TELGRAPH_34_KV_EAST 80808	47.45 0.00 0.00	44.18 -0.81 0.00	40.16 0.04 0.00	37.89 -0.34 0.00	38.07 -0.19 0.00	39.36 -0.04 0.00	42.29 -1.13 0.00	44.93 -2.27 0.00	48.96 -1.31 0.00	51.61 -1.76 0.00	53.38 -1.09 0.00	54.64 -0.50 0.00	57.52 0.06 0.00	60.02 0.06 0.00	62.63 0.25 0.00	66.34 1.17 0.00	72.86 2.40 0.00	81.11 1.82 0.00	78.58 3.31 0.00	73.05 3.41 0.00	65.67 1.35 0.00	61.99 0.49 0.00	54.00 1.47 0.00	48.18 1.72 0.00
TEMPLE___115KV_TB 2 55572	47.31 -0.14 0.00	44.49 -0.49 0.00	39.88 -0.24 0.00	37.93 -0.31 0.00	37.99 -0.27 0.00	39.08 -0.32 0.00	43.05 -0.43 -0.06	46.67 -0.61 -0.09	49.86 -0.50 -0.10	52.89 -0.48 0.00	54.29 -0.33 -0.15	55.25 -0.11 -0.23	57.69 0.06 -0.17	60.28 0.06 -0.26	62.66 0.06 -0.22	65.98 0.52 -0.29	71.40 0.56 -0.37	80.11 0.40 -0.43	76.02 0.75 0.00	70.34 0.70 0.00	64.58 0.26 0.00	61.56 0.06 0.00	52.74 0.21 0.00	46.60 0.14 0.00
TIANA___69_KV_BK 1 55817	60.45 4.84 -8.15	50.38 5.31 -0.09	47.76 4.77 -2.87	47.99 4.51 -5.24	47.82 4.51 -5.05	45.95 4.65 -1.90	48.59 5.17 0.00	51.69 4.48 -0.01	53.83 3.62 0.05	56.88 3.84 0.33	59.21 4.74 0.00	75.72 5.13 -15.46	64.27 5.40 -1.40	69.33 5.64 -3.74	69.26 5.93 -0.96	95.01 7.10 -22.74	204.34 7.61 -126.26	258.33 8.56 -170.49	305.15 7.30 -222.58	236.82 6.34 -160.84	192.45 5.15 -122.99	81.92 4.67 -15.74	56.48 4.62 0.67	53.17 3.67 -3.04

TILDEN___115KV_TB1 80814	47.45 0.00 0.00	44.67 -0.31 0.00	40.04 -0.08 0.00	38.04 -0.19 0.00	38.11 -0.15 0.00	39.24 -0.16 0.00	43.19 -0.30 -0.08	46.79 -0.52 -0.12	50.05 -0.35 -0.13	52.99 -0.37 0.00	54.45 -0.22 -0.19	55.43 0.00 -0.30	57.86 0.17 -0.22	60.48 0.18 -0.34	62.85 0.19 -0.29	66.20 0.65 -0.38	71.73 0.78 -0.49	80.56 0.71 -0.56	76.32 1.05 0.00	70.62 0.97 0.00	64.83 0.51 0.00	61.81 0.31 0.00	52.89 0.37 0.00	46.78 0.33 0.00
TRIGEN___CC 323695	50.92 3.46 0.00	48.76 3.78 0.00	46.08 3.09 -2.87	46.42 2.94 -5.24	46.22 2.91 -5.05	44.38 3.07 -1.90	47.03 3.60 0.00	50.36 3.16 0.00	52.68 2.41 0.00	55.93 2.56 0.00	57.63 3.16 0.00	58.73 3.42 -0.17	61.29 3.45 -0.38	64.24 3.72 -0.56	67.20 3.99 -0.82	71.35 5.15 -1.03	77.09 5.43 -1.20	86.62 6.18 -1.15	81.37 4.82 -1.29	74.32 4.11 -0.57	67.41 3.09 0.00	64.27 2.77 0.00	55.86 3.31 -0.02	48.97 2.51 0.00
TRINITY___115KV___4 BK 55933	48.26 0.81 0.00	45.88 0.90 0.00	40.72 0.60 0.00	38.85 0.61 0.00	38.84 0.57 0.00	40.03 0.63 0.00	44.25 0.83 0.00	47.81 0.61 0.00	50.82 0.55 0.00	53.95 0.59 0.00	54.96 0.49 0.00	55.44 0.44 0.14	57.40 0.23 0.30	59.58 0.06 0.44	61.80 0.06 0.64	64.88 0.52 0.81	69.88 0.35 0.94	78.86 0.48 0.90	74.48 0.23 1.01	69.26 0.07 0.45	64.32 0.00 0.00	61.50 0.00 0.00	52.95 0.42 0.00	46.74 0.28 0.00
UNION___PROCESSING_DRP 323587	47.69 0.24 0.00	44.58 -0.40 0.00	40.32 0.20 0.00	38.12 -0.11 0.00	38.38 0.11 0.00	39.48 0.08 0.00	43.08 -0.35 0.00	46.25 -0.94 0.00	49.86 -0.40 0.00	52.73 -0.64 0.00	54.36 -0.11 0.00	55.47 0.33 0.00	58.27 0.80 0.00	60.80 0.84 0.00	63.38 1.00 0.00	66.92 1.76 0.00	73.07 2.61 0.00	81.66 2.38 0.00	78.58 3.31 0.00	72.98 3.34 0.00	66.19 1.87 0.00	62.67 1.17 0.00	54.10 1.58 0.00	47.99 1.53 0.00
UPPER HUDSON___HYD 24058	50.87 3.42 0.00	48.23 3.24 0.00	42.69 2.57 0.00	40.68 2.45 0.00	40.71 2.45 0.00	42.00 2.60 0.00	46.42 2.99 0.00	50.12 2.93 0.00	53.49 3.22 0.00	56.68 3.31 0.00	57.19 2.72 0.00	57.63 2.65 0.15	59.90 2.76 0.32	62.18 2.70 0.48	64.36 2.68 0.70	67.47 3.19 0.89	72.97 3.52 1.02	82.58 4.28 0.98	78.99 4.82 1.10	73.89 4.74 0.49	68.95 4.63 0.00	66.12 4.61 0.00	56.52 3.99 0.00	49.62 3.16 0.00
UPPER RAQUET___HYD 24056	47.55 0.10 0.00	45.21 0.23 0.00	40.32 0.20 0.00	38.51 0.27 0.00	38.53 0.27 0.00	39.71 0.31 0.00	43.73 0.31 0.00	48.00 0.80 0.00	50.97 0.70 0.00	54.01 0.64 0.00	54.96 0.49 0.00	55.41 0.28 0.00	57.64 0.17 0.00	60.32 0.36 0.00	62.32 -0.06 0.00	63.67 -1.50 0.00	68.85 -1.62 0.00	77.47 -1.82 0.00	73.84 -1.43 0.00	68.73 -0.91 0.00	63.94 -0.38 0.00	61.56 0.06 0.00	52.37 -0.16 0.00	46.55 0.09 0.00
VALLEY44_115KV_TB2 355964	47.22 -0.24 0.00	43.95 -1.03 0.00	39.72 -0.40 0.00	37.62 -0.61 0.00	37.92 -0.34 0.00	39.16 -0.24 0.00	42.47 -0.96 0.00	45.36 -1.84 0.00	49.31 -0.96 0.00	51.55 -1.81 0.00	52.89 -1.58 0.00	54.14 -0.99 0.00	57.06 -0.40 0.00	59.66 -0.30 0.00	62.26 -0.12 0.00	66.08 0.91 0.00	72.79 2.33 0.00	80.95 1.67 0.00	78.65 3.39 0.00	72.98 3.34 0.00	65.48 1.16 0.00	61.69 0.18 0.00	53.74 1.21 0.00	47.85 1.39 0.00
VALLEY___115KV_TB 1-4 80826	48.59 1.14 0.00	45.97 0.99 0.00	40.96 0.84 0.00	39.04 0.80 0.00	39.06 0.80 0.00	40.27 0.87 0.00	44.46 1.04 0.00	48.19 0.99 0.00	51.42 1.16 0.00	54.60 1.23 0.00	55.78 1.31 0.00	56.46 1.32 0.00	58.79 1.32 0.00	61.40 1.44 0.00	63.88 1.50 0.00	66.86 1.69 0.00	72.23 1.76 0.00	81.27 1.98 0.00	77.15 1.88 0.00	71.45 1.81 0.00	65.80 1.48 0.00	62.85 1.35 0.00	53.84 1.31 0.00	47.53 1.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.73 2.28 0.00	47.05 2.07 0.00	41.93 1.81 0.00	39.99 1.76 0.00	40.02 1.76 0.00	41.21 1.81 0.00	45.46 2.04 0.00	49.13 1.94 0.00	52.53 2.26 0.00	55.77 2.40 0.00	56.98 2.51 0.00	57.78 2.65 0.00	60.22 2.76 0.00	62.96 3.00 0.00	65.44 3.06 0.00	68.75 3.58 0.00	74.20 3.73 0.00	83.57 4.28 0.00	79.33 4.06 0.00	73.54 3.90 0.00	67.54 3.22 0.00	64.39 2.89 0.00	55.26 2.73 0.00	48.69 2.23 0.00
VISCHER___FERRY HYD 24020	49.26 1.80 0.00	46.83 1.85 0.00	41.52 1.40 0.00	39.65 1.42 0.00	39.64 1.38 0.00	40.86 1.46 0.00	45.16 1.74 0.00	48.71 1.51 0.00	51.83 1.56 0.00	55.02 1.66 0.00	55.99 1.52 0.00	56.31 1.38 0.20	58.40 1.38 0.45	60.62 1.32 0.66	62.79 1.37 0.96	65.90 1.95 1.21	71.11 2.04 1.40	80.47 2.54 1.35	75.86 2.10 1.51	70.85 1.88 0.67	66.12 1.80 0.00	63.10 1.60 0.00	54.26 1.73 0.00	47.81 1.35 0.00
V_A_10_SYNC_DSASP 323832	46.84 -0.62 0.00	43.68 -1.30 0.00	39.68 -0.44 0.00	37.43 -0.80 0.00	37.76 -0.50 0.00	38.85 -0.55 0.00	42.21 -1.22 0.00	44.93 -2.27 0.00	48.81 -1.46 0.00	51.45 -1.92 0.00	53.11 -1.36 0.00	54.25 -0.88 0.00	57.01 -0.46 0.00	59.42 -0.54 0.00	61.94 -0.44 0.00	65.62 0.46 0.00	71.88 1.41 0.00	80.16 0.87 0.00	77.37 2.11 0.00	71.87 2.23 0.00	64.83 0.51 0.00	61.19 -0.31 0.00	53.26 0.74 0.00	47.53 1.07 0.00
V_CMM_10_SYNC_DSASP 323787	47.03 -0.43 0.00	44.76 -0.22 0.00	39.92 -0.20 0.00	38.05 -0.19 0.00	38.07 -0.19 0.00	39.24 -0.16 0.00	43.16 -0.26 0.00	47.34 0.14 0.00	50.32 0.05 0.00	53.31 -0.05 0.00	54.31 -0.16 0.00	54.92 -0.22 0.00	57.18 -0.29 0.00	59.84 -0.12 0.00	62.13 -0.25 0.00	63.99 -1.17 0.00	69.34 -1.13 0.00	77.86 -1.42 0.00	74.14 -1.13 0.00	68.73 -0.91 0.00	63.87 -0.45 0.00	61.44 -0.06 0.00	51.90 -0.63 0.00	45.99 -0.46 0.00
V_CMP_10_SYNC_DSASP 323788	46.89 -0.57 0.00	44.62 -0.36 0.00	39.76 -0.36 0.00	37.93 -0.31 0.00	38.00 -0.27 0.00	39.13 -0.27 0.00	43.12 -0.30 0.00	47.24 0.05 0.00	49.92 -0.35 0.00	52.41 -0.96 0.00	53.11 -1.36 0.00	53.65 -1.49 0.00	55.92 -1.55 0.00	58.52 -1.44 0.00	60.70 -1.68 0.00	62.43 -2.73 0.00	67.65 -2.82 0.00	76.19 -3.09 0.00	72.48 -2.78 0.00	67.20 -2.44 0.00	62.52 -1.80 0.00	60.15 -1.35 0.00	51.06 -1.47 0.00	45.57 -0.88 0.00
V_D_10_SYNC_DSASP 323841	47.31 -0.14 0.00	45.03 0.05 0.00	40.16 0.04 0.00	38.31 0.08 0.00	38.34 0.08 0.00	39.52 0.12 0.00	43.47 0.04 0.00	47.72 0.52 0.00	50.67 0.40 0.00	53.69 0.32 0.00	54.69 0.22 0.00	55.19 0.06 0.00	57.47 0.00 0.00	60.14 0.18 0.00	62.44 0.06 0.00	64.19 -0.98 0.00	69.55 -0.92 0.00	78.18 -1.11 0.00	74.44 -0.83 0.00	69.08 -0.56 0.00	64.19 -0.13 0.00	61.81 0.31 0.00	52.27 -0.26 0.00	46.32 -0.14 0.00
V_E_10_SYNC_DSASP 323830	51.91 4.46 0.00	48.67 3.69 0.00	43.61 3.49 0.00	41.45 3.21 0.00	41.55 3.29 0.00	42.95 3.55 0.00	47.20 3.78 0.00	50.83 3.63 0.00	54.49 4.22 0.00	57.69 4.32 0.00	58.88 4.41 0.00	59.88 4.74 0.00	62.58 5.11 0.00	65.66 5.70 0.00	68.12 5.74 0.00	71.82 6.65 0.00	77.93 7.47 0.00	88.32 9.04 0.00	84.37 9.10 0.00	78.91 9.26 0.00	72.23 7.91 0.00	68.51 7.01 0.00	58.31 5.78 0.00	51.38 4.92 0.00

V_F_30_NSYNC___DSASP 323816	50.25 2.80 0.00	47.68 2.70 0.00	42.29 2.17 0.00	40.30 2.06 0.00	40.29 2.03 0.00	41.57 2.17 0.00	45.90 2.47 0.00	49.55 2.36 0.00	52.78 2.51 0.00	55.93 2.56 0.00	56.81 2.34 0.00	57.24 2.26 0.16	59.48 2.36 0.34	61.79 2.34 0.51	64.00 2.37 0.75	67.16 2.94 0.94	72.56 3.17 1.08	82.05 3.81 1.04	77.86 3.76 1.17	72.74 3.62 0.52	67.73 3.41 0.00	64.82 3.32 0.00	55.63 3.10 0.00	48.92 2.46 0.00
V_F_30_SYNC_DSASP 323786	48.55 1.09 0.00	46.11 1.12 0.00	40.88 0.76 0.00	39.00 0.76 0.00	39.03 0.77 0.00	40.23 0.83 0.00	44.42 1.00 0.00	48.05 0.85 0.00	51.12 0.85 0.00	54.22 0.85 0.00	55.23 0.76 0.00	55.71 0.72 0.14	57.74 0.57 0.30	59.93 0.42 0.45	62.16 0.44 0.66	65.25 0.91 0.83	70.29 0.78 0.96	79.32 0.95 0.92	74.84 0.60 1.03	69.67 0.49 0.46	64.71 0.39 0.00	61.93 0.43 0.00	53.26 0.74 0.00	47.02 0.56 0.00
V_XM_10_SYNC_DSASP 323789	46.89 -0.57 0.00	44.62 -0.36 0.00	39.76 -0.36 0.00	37.93 -0.31 0.00	38.00 -0.27 0.00	39.13 -0.27 0.00	43.12 -0.30 0.00	47.24 0.05 0.00	49.92 -0.35 0.00	52.41 -0.96 0.00	53.11 -1.36 0.00	53.65 -1.49 0.00	55.92 -1.55 0.00	58.52 -1.44 0.00	60.70 -1.68 0.00	62.43 -2.73 0.00	67.65 -2.82 0.00	76.19 -3.09 0.00	72.48 -2.78 0.00	67.20 -2.44 0.00	62.52 -1.80 0.00	60.15 -1.35 0.00	51.06 -1.47 0.00	45.57 -0.88 0.00
W.BABYLN_69_KV_BK1 56697	54.71 4.46 -2.79	49.85 4.86 -0.01	47.36 4.37 -2.87	47.60 4.13 -5.24	47.40 4.09 -5.05	45.56 4.26 -1.90	48.24 4.82 0.00	51.35 4.15 0.00	53.37 3.17 0.07	56.48 3.36 0.25	58.67 4.19 -0.01	72.04 4.52 -12.38	62.62 4.65 -0.50	65.88 4.98 -0.94	68.71 5.49 -0.84	73.15 6.71 -1.27	93.77 6.98 -16.33	108.61 7.93 -21.39	109.71 6.47 -27.97	95.03 5.57 -19.82	83.34 4.31 -14.71	67.02 4.06 -1.46	56.61 4.31 0.23	50.06 3.34 -0.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.35 2.89 0.00	47.86 2.88 0.00	42.41 2.29 0.00	40.38 2.14 0.00	40.40 2.14 0.00	41.69 2.29 0.00	46.16 2.74 0.00	49.79 2.60 0.00	52.78 2.51 0.00	56.09 2.72 0.00	57.30 2.83 0.00	58.16 2.87 -0.16	60.69 2.87 -0.36	63.42 2.94 -0.52	66.33 3.18 -0.77	70.37 4.24 -0.97	76.02 4.44 -1.12	85.44 5.07 -1.08	80.69 4.21 -1.21	73.66 3.48 -0.54	67.21 2.89 0.00	63.84 2.34 0.00	55.42 2.89 0.00	48.83 2.37 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.78 3.32 0.00	48.40 3.42 0.00	42.85 2.73 0.00	40.80 2.56 0.00	40.79 2.53 0.00	42.08 2.68 0.00	46.68 3.26 0.00	50.41 3.21 0.00	53.38 3.12 0.00	56.73 3.36 0.00	57.79 3.32 0.00	58.67 3.36 -0.17	61.12 3.28 -0.38	63.88 3.36 -0.56	66.82 3.62 -0.82	71.02 4.82 -1.03	76.74 5.07 -1.19	86.14 5.71 -1.15	81.07 4.52 -1.29	73.98 3.76 -0.57	67.41 3.09 0.00	63.96 2.46 0.00	55.73 3.20 0.00	49.34 2.88 0.00
W50THST__13_KV_LOAD 356117	51.11 3.65 0.00	48.67 3.69 0.00	43.09 2.97 0.00	41.03 2.79 0.00	41.02 2.75 0.00	42.32 2.92 0.00	46.98 3.56 0.00	50.78 3.59 0.00	53.79 3.52 0.00	57.16 3.79 0.00	58.28 3.81 0.00	59.17 3.86 -0.17	61.64 3.79 -0.38	64.36 3.84 -0.56	67.32 4.12 -0.82	71.54 5.34 -1.03	77.37 5.71 -1.19	86.86 6.42 -1.15	81.67 5.12 -1.29	74.46 4.25 -0.57	67.86 3.54 0.00	64.33 2.83 0.00	56.10 3.57 0.00	49.66 3.21 0.00
WADING RIVER_IC_1 23522	59.52 3.94 -8.13	49.58 4.50 -0.10	47.04 4.05 -2.87	47.30 3.82 -5.24	47.13 3.83 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.99 2.78 -0.01	52.68 2.46 0.05	55.87 2.83 0.32	58.07 3.59 0.00	74.42 3.86 -15.43	62.94 4.08 -1.40	67.77 4.08 -3.73	67.59 4.24 -0.96	35.76 5.28 34.68	201.99 5.64 -125.88	256.23 6.98 -169.96	302.81 5.65 -221.90	234.79 4.80 -160.35	190.79 3.86 -122.61	80.58 3.38 -15.70	55.49 3.62 0.66	52.19 2.69 -3.04
WADING RIVER_IC_2 23547	59.52 3.94 -8.13	49.58 4.50 -0.10	47.04 4.05 -2.87	47.30 3.82 -5.24	47.13 3.83 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.99 2.78 -0.01	52.68 2.46 0.05	55.87 2.83 0.32	58.07 3.59 0.00	74.42 3.86 -15.43	62.94 4.08 -1.40	67.77 4.08 -3.73	67.59 4.24 -0.96	35.76 5.28 34.68	201.99 5.64 -125.88	256.23 6.98 -169.96	302.81 5.65 -221.90	234.79 4.80 -160.35	190.79 3.86 -122.61	80.58 3.38 -15.70	55.49 3.62 0.66	52.19 2.69 -3.04
WADING RIVER_IC_3 23601	59.52 3.94 -8.13	49.58 4.50 -0.10	47.04 4.05 -2.87	47.30 3.82 -5.24	47.13 3.83 -5.05	45.24 3.94 -1.90	47.86 4.43 -0.01	49.99 2.78 -0.01	52.68 2.46 0.05	55.87 2.83 0.32	58.07 3.59 0.00	74.42 3.86 -15.43	62.94 4.08 -1.40	67.77 4.08 -3.73	67.59 4.24 -0.96	35.76 5.28 34.68	201.99 5.64 -125.88	256.23 6.98 -169.96	302.81 5.65 -221.90	234.79 4.80 -160.35	190.79 3.86 -122.61	80.58 3.38 -15.70	55.49 3.62 0.66	52.19 2.69 -3.04
WALDENNY_12_KV_BK2 80841	47.60 0.14 0.00	44.31 -0.67 0.00	40.24 0.12 0.00	38.01 -0.23 0.00	38.26 0.00 0.00	39.52 0.12 0.00	42.64 -0.78 0.00	45.36 -1.84 0.00	49.51 -0.75 0.00	52.03 -1.33 0.00	53.82 -0.65 0.00	55.08 -0.06 0.00	58.10 0.63 0.00	60.68 0.72 0.00	63.32 0.94 0.00	67.12 1.95 0.00	73.78 3.31 0.00	81.98 2.70 0.00	79.48 4.21 0.00	73.68 4.04 0.00	66.12 1.80 0.00	62.42 0.92 0.00	54.42 1.89 0.00	48.55 2.09 0.00
WALDEN___HYDRO 24148	50.21 2.75 0.00	47.73 2.74 0.00	42.33 2.21 0.00	40.30 2.06 0.00	40.33 2.07 0.00	41.57 2.17 0.00	45.98 2.56 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.88 2.51 0.00	56.98 2.51 0.00	57.81 2.54 -0.13	60.35 2.59 -0.29	63.03 2.64 -0.43	65.83 2.81 -0.64	69.75 3.78 -0.80	75.20 3.81 -0.93	84.62 4.44 -0.89	79.96 3.69 -1.00	73.15 3.06 -0.45	66.96 2.64 0.00	63.65 2.15 0.00	55.15 2.63 0.00	48.59 2.14 0.00
WARRENSBURG____ 23737	50.87 3.42 0.00	48.22 3.24 0.00	42.69 2.57 0.00	40.68 2.45 0.00	40.71 2.45 0.00	42.00 2.60 0.00	46.42 3.00 0.00	50.17 2.97 0.00	53.53 3.27 0.00	56.68 3.31 0.00	57.20 2.72 0.00	57.63 2.65 0.15	59.90 2.76 0.32	62.18 2.70 0.48	64.36 2.68 0.70	67.47 3.19 0.89	72.97 3.52 1.02	82.42 4.12 0.98	78.98 4.82 1.10	73.89 4.74 0.49	68.89 4.57 0.00	66.11 4.61 0.00	56.52 3.99 0.00	49.66 3.21 0.00
WATERSIDE___6 8 9 23538	50.92 3.46 0.00	48.54 3.55 0.00	42.97 2.85 0.00	40.91 2.68 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.77 3.34 0.00	50.41 3.21 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.63 3.16 0.00	58.51 3.20 -0.17	60.78 2.93 -0.38	63.39 2.88 -0.55	66.31 3.12 -0.81	70.49 4.30 -1.03	76.16 4.51 -1.19	85.58 5.15 -1.14	80.54 3.99 -1.28	73.41 3.20 -0.56	66.95 2.64 0.01	63.52 2.03 0.01	55.73 3.20 0.00	49.48 3.02 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.31 0.85 0.00	45.75 0.76 0.00	40.72 0.60 0.00	38.81 0.57 0.00	38.87 0.61 0.00	40.03 0.63 0.00	44.20 0.78 0.00	47.90 0.71 0.00	51.07 0.80 0.00	54.22 0.85 0.00	55.34 0.87 0.00	56.07 0.94 0.00	58.38 0.92 0.00	60.92 0.96 0.00	63.38 1.00 0.00	66.40 1.24 0.00	71.73 1.27 0.00	80.71 1.43 0.00	76.62 1.35 0.00	70.97 1.32 0.00	65.41 1.09 0.00	62.49 0.98 0.00	53.47 0.95 0.00	47.25 0.79 0.00

WDELAWARE___HYD 323627	49.87 2.42 0.00	47.32 2.34 0.00	42.05 1.93 0.00	39.96 1.72 0.00	39.98 1.72 0.00	41.21 1.81 0.00	45.59 2.17 0.00	49.09 1.89 0.00	52.13 1.86 0.00	55.45 2.08 0.00	56.54 2.07 0.00	57.34 2.09 -0.11	59.89 2.18 -0.24	61.91 2.28 0.32	64.59 2.43 0.22	68.31 3.32 0.17	73.71 3.45 0.21	83.15 4.36 0.49	78.45 3.46 0.28	72.99 2.99 -0.36	66.96 2.64 0.00	63.65 2.15 0.00	55.05 2.52 0.00	48.32 1.86 0.00
WEST BABYLON___IC 23714	54.71 4.46 -2.79	49.85 4.86 -0.01	47.36 4.37 -2.87	47.60 4.13 -5.24	47.40 4.09 -5.05	45.56 4.26 -1.90	48.24 4.82 0.00	51.35 4.15 0.00	53.37 3.17 0.07	56.48 3.36 0.25	58.67 4.19 -0.01	72.04 4.52 -12.38	62.62 4.65 -0.50	65.88 4.98 -0.94	68.71 5.49 -0.84	73.15 6.71 -1.27	93.77 6.98 -16.33	108.61 7.93 -21.39	109.71 6.47 -27.97	95.03 5.57 -19.82	83.34 4.31 -14.71	67.02 4.06 -1.46	56.61 4.31 0.23	50.06 3.34 -0.26
WEST CANADA___HYD 24049	47.79 0.33 0.00	45.30 0.32 0.00	40.36 0.24 0.00	38.47 0.23 0.00	38.49 0.23 0.00	39.64 0.24 0.00	43.73 0.31 0.00	47.43 0.24 0.00	50.52 0.25 0.00	53.69 0.32 0.00	54.80 0.33 0.00	55.47 0.33 0.00	57.75 0.29 0.00	60.26 0.30 0.00	62.69 0.31 0.00	65.68 0.52 0.00	70.96 0.50 0.00	79.84 0.56 0.00	75.72 0.45 0.00	70.06 0.42 0.00	64.64 0.32 0.00	61.75 0.25 0.00	52.84 0.32 0.00	46.74 0.28 0.00
WESTERN_NY_WIND 24143	48.31 0.85 0.00	44.99 0.00 0.00	40.84 0.72 0.00	38.54 0.31 0.00	38.72 0.46 0.00	39.99 0.59 0.00	43.51 0.09 0.00	46.39 -0.80 0.00	50.32 0.05 0.00	52.78 -0.59 0.00	54.53 0.05 0.00	55.80 0.66 0.00	58.73 1.26 0.00	61.34 1.38 0.00	63.94 1.56 0.00	67.71 2.54 0.00	74.27 3.81 0.00	82.93 3.65 0.00	80.39 5.12 0.00	74.80 5.15 0.00	67.47 3.15 0.00	63.65 2.15 0.00	55.26 2.73 0.00	49.11 2.65 0.00
WESTOVER___LESR 323668	48.21 0.76 0.00	45.34 0.36 0.00	40.64 0.52 0.00	38.62 0.38 0.00	38.76 0.50 0.00	39.91 0.51 0.00	43.77 0.35 0.00	47.24 0.05 0.00	50.57 0.30 0.00	53.90 0.53 0.00	55.18 0.71 0.00	56.07 0.94 0.00	58.61 1.15 0.00	61.22 1.26 0.00	63.69 1.31 0.00	67.12 1.95 0.00	72.65 2.18 0.00	81.51 2.22 0.00	77.98 2.71 0.00	72.22 2.58 0.00	66.06 1.74 0.00	62.79 1.29 0.00	54.00 1.47 0.00	47.76 1.30 0.00
WETHRSFD_WT_PWR 323626	47.65 0.19 0.00	44.40 -0.59 0.00	40.28 0.16 0.00	38.05 -0.19 0.00	38.34 0.08 0.00	39.52 0.12 0.00	42.81 -0.61 0.00	45.73 -1.46 0.00	49.41 -0.85 0.00	52.09 -1.28 0.00	53.71 -0.76 0.00	54.69 -0.44 0.00	57.47 0.00 0.00	60.02 0.06 0.00	62.57 0.19 0.00	66.20 1.04 0.00	72.79 2.32 0.00	81.50 2.22 0.00	78.50 3.23 0.00	73.12 3.48 0.00	66.25 1.93 0.00	62.43 0.92 0.00	54.21 1.68 0.00	48.87 2.41 0.00
WHAVSTOR_138KV_BK127 55557	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.22 1.99 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.88 2.51 0.00	57.03 2.56 0.00	57.89 2.59 -0.16	60.41 2.59 -0.36	63.12 2.64 -0.53	66.02 2.87 -0.77	70.05 3.91 -0.97	75.68 4.09 -1.12	85.04 4.68 -1.08	80.24 3.76 -1.21	73.31 3.13 -0.54	66.89 2.57 0.00	63.53 2.03 0.00	55.15 2.63 0.00	48.59 2.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.11 2.66 0.00	47.68 2.70 0.00	42.25 2.13 0.00	40.22 1.99 0.00	40.25 1.99 0.00	41.49 2.09 0.00	45.94 2.52 0.00	49.60 2.41 0.00	52.58 2.31 0.00	55.88 2.51 0.00	57.03 2.56 0.00	57.89 2.59 -0.16	60.41 2.59 -0.36	63.12 2.64 -0.53	66.02 2.87 -0.77	70.05 3.91 -0.97	75.68 4.09 -1.12	85.04 4.68 -1.08	80.24 3.76 -1.21	73.31 3.13 -0.54	66.89 2.57 0.00	63.53 2.03 0.00	55.15 2.63 0.00	48.59 2.14 0.00
WHITEHAL_115KV_TB1 80871	50.63 3.18 0.00	47.95 2.97 0.00	42.41 2.29 0.00	40.38 2.14 0.00	40.40 2.14 0.00	41.72 2.32 0.00	46.16 2.74 0.00	49.89 2.69 0.00	53.18 2.92 0.00	56.25 2.88 0.00	56.76 2.29 0.00	57.13 2.15 0.15	59.43 2.30 0.33	61.69 2.22 0.49	63.78 2.12 0.72	66.86 2.61 0.91	72.38 2.96 1.05	81.84 3.57 1.01	78.50 4.37 1.13	73.67 4.53 0.50	68.76 4.44 0.00	66.11 4.61 0.00	56.41 3.89 0.00	49.43 2.97 0.00
WHITEPLN_13_KV_LOAD 356215	50.92 3.46 0.00	48.49 3.51 0.00	42.93 2.81 0.00	40.87 2.64 0.00	40.90 2.64 0.00	42.16 2.76 0.00	46.72 3.30 0.00	50.55 3.35 0.00	53.58 3.32 0.00	56.94 3.58 0.00	58.18 3.70 0.00	59.06 3.75 -0.17	61.69 3.85 -0.38	64.65 4.14 -0.56	67.75 4.55 -0.82	71.87 5.67 -1.03	77.58 5.92 -1.19	87.17 6.74 -1.15	82.05 5.49 -1.29	74.81 4.60 -0.57	68.11 3.79 0.00	64.70 3.20 0.00	56.15 3.62 0.00	49.48 3.02 0.00
WM_FLOYD_69_KV_BK2 356380	60.09 4.37 -8.27	49.93 4.86 -0.09	47.40 4.41 -2.87	47.64 4.17 -5.24	47.48 4.17 -5.05	45.60 4.29 -1.90	48.29 4.86 0.00	51.31 4.11 -0.01	53.33 3.12 0.05	56.22 3.20 0.35	58.45 3.98 0.00	75.03 4.30 -15.60	63.42 4.54 -1.42	68.49 4.74 -3.79	68.33 4.99 -0.96	86.07 6.19 -14.71	205.40 6.55 -128.38	260.18 7.53 -173.36	307.92 6.32 -226.33	238.62 5.43 -163.54	193.69 4.31 -125.06	81.41 3.94 -15.98	55.92 4.10 0.70	52.80 3.25 -3.09
WOODARD___115KV_TB2 355635	47.22 -0.24 0.00	44.45 -0.54 0.00	39.84 -0.28 0.00	37.89 -0.34 0.00	37.92 -0.34 0.00	39.05 -0.35 0.00	43.12 -0.48 -0.17	46.80 -0.66 -0.26	50.01 -0.55 -0.29	52.83 -0.53 0.00	54.53 -0.38 -0.44	55.58 -0.22 -0.67	57.91 -0.06 -0.50	60.67 -0.06 -0.77	62.96 -0.06 -0.64	66.35 0.33 -0.86	71.98 0.42 -1.09	80.78 0.24 -1.26	75.79 0.53 0.00	70.13 0.49 0.00	64.45 0.13 0.00	61.44 -0.06 0.00	52.63 0.11 0.00	46.55 0.09 0.00
WOODMERE_69_KV_BK1 55827	52.06 4.60 0.00	49.80 4.81 0.00	46.92 3.93 -2.87	47.22 3.75 -5.24	47.02 3.71 -5.05	45.16 3.86 -1.90	47.89 4.47 0.00	51.25 4.06 0.00	53.74 3.47 0.00	57.05 3.68 0.00	58.94 4.47 0.00	60.16 4.85 -0.17	62.84 5.00 -0.38	65.85 5.34 -0.56	68.94 5.74 -0.82	72.78 6.58 -1.03	78.71 7.05 -1.20	88.88 8.01 -1.59	83.27 6.55 -1.45	75.93 5.71 -0.57	68.82 4.50 0.00	65.56 4.06 0.00	56.99 4.41 -0.05	49.80 3.34 0.00
YORK___WARBASSE 23770	51.26 3.80 -0.01	48.82 3.82 -0.01	43.22 3.09 -0.01	41.19 2.94 -0.01	41.14 2.87 -0.01	42.39 2.99 0.00	46.98 3.56 0.00	50.50 3.30 0.00	53.18 2.92 0.00	56.52 3.15 0.00	57.74 3.27 0.00	58.62 3.31 -0.17	60.89 3.05 -0.38	63.57 3.06 -0.55	66.56 3.37 -0.81	70.69 4.50 -1.03	76.38 4.72 -1.19	85.74 5.31 -1.14	80.76 4.21 -1.28	73.69 3.48 -0.56	67.21 2.89 0.01	63.77 2.28 0.01	55.94 3.41 0.00	49.86 3.39 -0.01