

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion												
Generator Data																											08/08/2025			
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	47.72	43.70	37.83	35.72	35.70	37.81	44.00	45.73	44.20	41.88	41.76	43.81	46.14	49.81	53.42	56.91	64.34	74.07	77.76	78.08	69.44	59.52	52.20	45.49					
		1.57	1.52	1.45	1.24	1.24	1.38	1.77	1.89	2.22	2.33	2.25	2.17	2.06	2.09	2.34	2.19	2.30	2.78	2.26	1.90	1.43	0.71	1.37	1.24					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.24	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
74TH STREET_GT_1	24260	47.76	43.74	37.86	35.75	35.73	37.85	43.96	45.68	44.16	41.88	41.76	43.81	46.10	49.81	53.42	56.85	64.28	74.00	77.76	78.08	69.44	59.52	52.20	45.54					
		1.62	1.56	1.49	1.28	1.27	1.42	1.73	1.84	2.18	2.33	2.25	2.17	2.02	2.09	2.34	2.13	2.23	2.71	2.26	1.90	1.43	0.71	1.37	1.28					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.24	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
74TH STREET_GT_2	24261	47.76	43.74	37.86	35.75	35.73	37.85	43.96	45.68	44.16	41.88	41.76	43.81	46.10	49.81	53.42	56.85	64.28	74.00	77.76	78.08	69.44	59.52	52.20	45.54					
		1.62	1.56	1.49	1.28	1.27	1.42	1.73	1.84	2.18	2.33	2.25	2.17	2.02	2.09	2.34	2.13	2.23	2.71	2.26	1.90	1.43	0.71	1.37	1.28					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.24	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK HUDSON___FALLS	24011	47.76	43.74	37.79	35.82	35.87	37.99	43.87	45.38	43.15	40.38	39.86	41.94	43.84	47.26	51.16	55.27	62.79	72.72	78.21	78.92	70.94	61.41	53.02	46.03					
		1.62	1.56	1.42	1.34	1.41	1.57	1.65	1.53	1.18	0.83	0.36	0.29	0.04	0.00	0.31	0.55	0.74	1.43	2.72	2.74	2.92	2.59	2.19	1.77					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK RESOURCE___RCVRY	23798	47.86	43.87	37.90	35.92	35.97	38.14	44.00	45.51	43.24	40.49	39.90	42.07	43.88	47.31	51.26	55.38	62.98	72.86	78.51	79.30	71.34	61.82	53.27	46.16					
		1.71	1.69	1.53	1.45	1.51	1.71	1.77	1.67	1.26	0.95	0.40	0.42	0.09	0.05	0.41	0.66	0.93	1.57	3.02	3.12	3.33	3.00	2.44	1.90					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK S GLENS___FALLS	24028	47.76	43.74	37.79	35.82	35.87	37.99	43.87	45.38	43.15	40.38	39.86	41.94	43.84	47.26	51.16	55.27	62.79	72.72	78.21	78.92	70.94	61.41	53.02	46.03					
		1.62	1.56	1.42	1.34	1.41	1.57	1.65	1.53	1.18	0.83	0.36	0.29	0.04	0.00	0.31	0.55	0.74	1.43	2.72	2.74	2.92	2.59	2.19	1.77					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK_NYS___DAM	23527	47.49	43.69	37.83	35.82	35.87	37.92	43.83	45.37	43.36	40.49	40.14	42.15	43.90	47.28	51.13	55.11	62.54	72.79	77.08	77.55	69.24	59.70	51.95	45.23					
		1.34	1.52	1.46	1.34	1.41	1.49	1.60	1.53	1.38	0.95	0.63	0.50	0.27	0.29	0.41	0.39	0.49	1.50	1.59	1.37	1.23	0.88	1.12	0.97					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.48	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
AIR_PRODUCTS___DRP	24190	45.78	41.97	36.26	34.47	34.53	36.32	42.02	43.58	41.81	39.23	38.99	40.98	42.94	46.35	50.00	53.68	60.86	70.36	74.51	75.04	66.99	57.82	50.22	43.72					
		-0.37	-0.21	-0.11	0.00	0.07	-0.11	-0.21	-0.26	-0.17	-0.32	-0.51	-0.67	-0.88	-0.95	-0.87	-1.04	-1.18	-0.93	-0.98	-1.14	-1.02	-1.00	-0.61	-0.53					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.18	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
AKWESSNE_115KV_BK	355683	46.56	42.68	36.81	34.85	34.87	36.83	42.78	44.37	42.44	40.02	39.94	42.07	44.41	47.95	51.31	55.10	62.54	71.65	76.17	76.94	68.55	59.76	51.49	44.92					
		0.42	0.51	0.44	0.38	0.41	0.40	0.55	0.53	0.46	0.47	0.43	0.42	0.48	0.47	0.36	0.38	0.50	0.36	0.68	0.76	0.54	0.94	0.66	0.66					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.79	42.89	37.06	35.20	35.21	37.12	42.90	44.32	42.23	39.51	39.23	41.19	43.28	46.79	50.44	54.23	61.54	71.29	75.87	76.72	68.62	59.35	51.44	44.74					
		0.65	0.72	0.69	0.73	0.76	0.69	0.67	0.48	0.25	-0.04	-0.27	-0.46	-0.57	-0.57	-0.46	-0.49	-0.50	0.00	0.38	0.54	0.61	0.53	0.61	0.49					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY_2_SOLAR	323834	46.79	42.89	37.06	35.20	35.21	37.12	42.90	44.28	42.23	39.51	39.23	41.19	43.28	46.74	50.44	54.23	61.54	71.29	75.87	76.72	68.62	59.35	51.44	44.74					
		0.65	0.72	0.69	0.73	0.76	0.69	0.67	0.44	0.25	-0.04	-0.27	-0.46	-0.57	-0.62	-0.46	-0.49	-0.50	0.00	0.38	0.54	0.61	0.53	0.61	0.49					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY___1	23571	45.78	41.97	36.26	34.47	34.53	36.32	42.02	43.58	41.81	39.23	38.99	40.98	42.94	46.35	50.00	53.68	60.86	70.36	74.51	75.04	66.99	57.82	50.22	43.72					
		-0.37	-0.21	-0.11	0.00	0.07	-0.11	-0.21	-0.26	-0.17	-0.32	-0.51	-0.67	-0.88	-0.95	-0.87	-1.04	-1.18	-0.93	-0.98	-1.14	-1.02	-1.00	-0.61	-0.53					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.18	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

ALBANY___2 23572	45.78 -0.37 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.47 0.00 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.02 -0.21 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.23 -0.32 0.00	38.99 -0.51 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	50.00 -0.87 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.22 -0.61 0.00	43.72 -0.53 0.00
ALBANY___3 23573	45.78 -0.37 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.47 0.00 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.02 -0.21 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.23 -0.32 0.00	38.99 -0.51 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	50.00 -0.87 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.22 -0.61 0.00	43.72 -0.53 0.00
ALBANY___4 23574	45.78 -0.37 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.47 0.00 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.02 -0.21 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.23 -0.32 0.00	38.99 -0.51 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	50.00 -0.87 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.22 -0.61 0.00	43.72 -0.53 0.00
ALBANY___LFGE 323615	46.24 0.09 0.00	42.43 0.25 0.00	36.66 0.29 0.00	34.85 0.38 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.53 0.30 0.00	44.06 0.22 0.00	42.23 0.25 0.00	39.62 0.08 0.00	39.43 -0.08 0.00	41.44 -0.21 0.00	43.41 -0.40 0.12	46.86 -0.43 0.19	50.56 -0.30 0.09	54.34 -0.38 0.00	61.61 -0.43 0.00	71.22 -0.07 0.00	75.42 -0.08 0.00	75.95 -0.23 0.00	67.88 -0.14 0.00	58.58 -0.23 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	47.03 0.88 0.00	43.11 0.93 0.00	37.13 0.76 0.00	35.16 0.69 0.00	35.15 0.69 0.00	37.16 0.73 0.00	43.16 0.93 0.00	44.76 0.92 0.00	42.78 0.80 0.00	40.34 0.79 0.00	40.26 0.75 0.00	42.40 0.75 0.00	44.76 0.83 0.00	48.33 0.85 0.00	51.72 0.76 0.00	55.60 0.88 0.00	62.97 0.93 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.90 0.88 0.00	60.35 1.53 0.00	51.95 1.12 0.00	45.36 1.11 0.00
ALCOA_RYNLDS___DRP 24188	47.03 0.88 0.00	43.11 0.93 0.00	37.13 0.76 0.00	35.16 0.69 0.00	35.15 0.69 0.00	37.16 0.73 0.00	43.16 0.93 0.00	44.76 0.92 0.00	42.78 0.80 0.00	40.34 0.79 0.00	40.26 0.75 0.00	42.40 0.75 0.00	44.76 0.83 0.00	48.33 0.85 0.00	51.72 0.76 0.00	55.60 0.88 0.00	62.97 0.93 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.90 0.88 0.00	60.35 1.53 0.00	51.95 1.12 0.00	45.36 1.11 0.00
ALCOA___DSASP 323711	47.07 0.92 0.00	43.11 0.93 0.00	37.14 0.76 0.00	35.16 0.69 0.00	35.15 0.69 0.00	37.16 0.73 0.00	43.16 0.93 0.00	44.76 0.92 0.00	42.77 0.80 0.00	40.34 0.79 0.00	40.26 0.75 0.00	42.40 0.75 0.00	44.76 0.83 0.00	48.33 0.86 0.00	51.72 0.77 0.00	55.59 0.87 0.00	62.98 0.93 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.89 0.88 0.00	60.35 1.53 0.00	51.95 1.12 0.00	45.49 1.24 0.00
ALLEGHENY___COGEN 23514	49.93 3.78 0.00	44.79 2.62 0.00	38.30 1.93 0.00	36.23 1.76 0.00	36.04 1.59 0.00	38.58 2.15 0.00	44.51 2.28 0.00	45.99 2.15 0.00	43.24 1.26 0.00	40.73 1.19 0.00	41.13 1.62 0.00	43.94 2.29 0.00	46.92 2.99 0.00	50.85 3.37 0.00	54.63 3.67 0.00	57.02 2.30 0.00	64.77 2.73 0.00	73.78 2.49 0.00	79.41 3.92 0.00	82.05 5.87 0.00	74.40 6.39 0.00	64.35 5.53 0.00	56.37 5.54 0.00	48.82 4.56 0.00
ALTAMONT_115KV_TB 2 55880	46.47 0.32 0.00	42.56 0.38 0.00	36.77 0.40 0.00	34.89 0.41 0.00	34.91 0.45 0.00	36.83 0.40 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.31 0.34 0.00	39.74 0.20 0.00	39.59 0.08 0.00	41.61 -0.04 0.00	43.68 -0.18 0.07	47.17 -0.19 0.12	50.80 -0.10 0.06	54.56 -0.16 0.00	61.86 -0.19 0.00	71.43 0.14 0.00	75.64 0.15 0.00	76.26 0.08 0.00	68.08 0.07 0.00	58.76 -0.06 0.00	50.98 0.15 0.00	44.39 0.13 0.00
ALTONA_WT_PWR 323606	46.38 0.23 0.00	42.48 0.30 0.00	36.63 0.26 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.30 0.00	39.86 0.31 0.00	39.82 0.31 0.00	41.94 0.29 0.00	44.28 0.35 0.00	47.52 0.05 0.00	50.91 -0.05 0.00	54.67 -0.05 0.00	61.98 -0.06 0.00	71.72 0.43 0.00	76.32 0.83 0.00	77.10 0.92 0.00	68.62 0.61 0.00	59.70 0.88 0.00	51.39 0.56 0.00	45.09 0.84 0.00
AMERICAN_REF_FUEL 24010	47.63 1.48 0.00	42.43 0.25 0.00	36.37 0.00 0.00	34.78 0.31 0.00	34.11 -0.34 0.00	36.54 0.11 0.00	41.93 -0.29 0.00	43.62 -0.22 0.00	41.48 -0.50 0.00	39.82 0.28 0.00	40.81 1.30 0.00	44.06 2.41 0.00	47.31 3.38 0.00	51.13 3.66 0.00	54.47 3.51 0.00	58.44 3.72 0.00	66.02 3.97 0.00	73.28 1.99 0.00	77.30 1.81 0.00	78.84 2.66 0.00	70.87 2.86 0.00	61.53 2.71 0.00	52.81 1.98 0.00	46.29 2.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.73 2.58 0.00	43.15 0.97 0.00	36.92 0.55 0.00	34.99 0.52 0.00	34.63 0.17 0.00	37.19 0.77 0.00	43.03 0.80 0.00	44.80 0.96 0.00	42.86 0.88 0.00	41.28 1.74 0.00	42.39 2.88 0.00	45.98 4.33 0.00	49.60 5.67 0.00	53.79 6.32 0.00	57.48 6.52 0.00	62.27 7.55 0.00	70.30 8.25 0.00	78.13 6.84 0.00	82.43 6.94 0.00	84.25 8.07 0.00	75.29 7.28 0.00	64.94 6.12 0.00	55.25 4.42 0.00	48.06 3.81 0.00
ARTHUR KILL_GT_1 23520	48.04 1.89 0.00	43.99 1.81 0.00	38.01 1.64 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.96 1.53 0.00	43.92 1.69 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.86 2.21 0.00	46.23 2.15 -0.15	49.86 2.14 -0.24	52.96 1.89 -0.12	56.09 1.37 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.76 0.75 0.00	58.82 0.00 0.00	52.20 1.37 0.00	45.85 1.59 0.00
ARTHUR_KILL_2 23512	47.82 1.66 -0.01	43.83 1.64 -0.01	37.91 1.53 -0.01	35.76 1.28 -0.01	35.74 1.28 -0.01	37.81 1.38 0.00	43.75 1.52 0.00	45.29 1.44 0.00	43.66 1.68 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.65 2.00 0.00	46.02 1.93 -0.16	49.67 1.95 -0.24	52.60 1.53 -0.12	55.76 1.04 0.00	62.84 0.80 0.01	72.57 1.28 0.01	76.31 0.83 0.01	76.78 0.61 0.01	68.41 0.41 0.01	58.58 -0.23 0.01	51.79 0.96 0.00	45.46 1.20 -0.01
ARTHUR_KILL_3 23513	47.12 0.97 0.00	43.23 1.05 0.00	37.46 1.09 0.00	35.34 0.86 0.00	35.35 0.89 0.00	37.41 0.98 0.00	43.45 1.23 0.00	45.20 1.36 0.00	43.66 1.68 0.00	41.44 1.90 0.00	41.29 1.78 0.00	43.27 1.62 0.00	45.53 1.45 -0.15	49.24 1.52 -0.24	52.70 1.63 -0.12	56.14 1.42 0.00	63.41 1.36 0.00	73.00 1.71 0.00	76.69 1.20 0.00	77.02 0.84 0.00	68.49 0.48 0.00	58.76 -0.06 0.00	51.49 0.66 0.00	44.83 0.57 0.00

ARTHUR_KILL_COGEN 323718	48.00 1.85 -0.01	44.00 1.81 -0.01	38.02 1.64 -0.01	35.86 1.38 -0.01	35.84 1.38 -0.01	37.92 1.49 0.00	43.87 1.65 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.81 2.16 0.00	46.19 2.11 -0.16	49.86 2.14 -0.24	52.81 1.73 -0.12	55.98 1.26 0.00	63.15 1.12 0.01	72.85 1.57 0.01	76.62 1.13 0.01	77.16 0.99 0.01	68.75 0.75 0.01	58.81 0.00 0.01	52.00 1.17 0.00	45.64 1.37 -0.01
ASHOKAN____ 23654	46.93 0.78 0.00	42.89 0.72 0.00	37.03 0.66 0.00	35.06 0.59 0.00	35.08 0.62 0.00	36.90 0.47 0.00	42.86 0.63 0.00	44.28 0.44 0.00	42.31 0.33 0.00	39.54 0.00 0.00	39.27 -0.24 0.00	41.15 -0.50 0.00	45.11 1.19 0.00	48.86 1.38 0.00	52.79 1.83 0.00	54.67 -0.05 0.00	61.98 -0.06 0.00	72.15 0.86 0.00	76.55 1.06 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.41 0.59 0.00	51.69 0.86 0.00	44.83 0.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.73 1.57 -0.01	43.79 1.60 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.57 1.59 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.48 1.76 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.85 1.57 0.01	76.54 1.06 0.01	77.01 0.84 0.01	68.54 0.54 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	47.73 1.57 -0.01	43.79 1.60 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.57 1.59 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.48 1.76 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.85 1.57 0.01	76.54 1.06 0.01	77.01 0.84 0.01	68.54 0.54 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
ASTORIA_GT2_1 24094	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT2_2 24095	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT2_3 24096	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT2_4 24097	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT3_1 24098	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT3_2 24099	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT3_3 24100	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT3_4 24101	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT4_1 24102	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT4_2 24103	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT4_3 24104	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00

ASTORIA_GT4_4 24105	47.86 1.71 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.75 1.52 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.64 2.10 0.00	41.64 2.13 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.52 1.80 -0.24	52.96 1.89 -0.12	56.25 1.53 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.25 1.42 0.00	45.63 1.37 0.00
ASTORIA_GT_1 23523	47.90 1.75 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.73 2.08 0.00	46.05 1.98 -0.15	49.67 1.95 -0.24	53.06 1.99 -0.12	56.42 1.70 0.00	63.35 1.30 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	58.88 0.06 0.00	52.41 1.58 0.00	45.72 1.46 0.00
ASTORIA_GT_10 24110	47.67 1.52 0.00	43.65 1.48 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.70 1.72 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.57 1.85 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.72 1.43 0.00	76.40 0.91 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.58 -0.24 0.00	51.90 1.07 0.00	45.45 1.19 0.00
ASTORIA_GT_11 24225	47.67 1.52 0.00	43.65 1.48 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.70 1.72 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.57 1.85 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.72 1.43 0.00	76.40 0.91 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.58 -0.24 0.00	51.90 1.07 0.00	45.45 1.19 0.00
ASTORIA_GT_12 24226	47.67 1.52 0.00	43.65 1.48 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.70 1.72 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.57 1.85 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.72 1.43 0.00	76.40 0.91 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.58 -0.24 0.00	51.90 1.07 0.00	45.45 1.19 0.00
ASTORIA_GT_13 24227	47.67 1.52 0.00	43.65 1.48 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.70 1.72 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.57 1.85 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.72 1.43 0.00	76.40 0.91 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.58 -0.24 0.00	51.90 1.07 0.00	45.45 1.19 0.00
ASTORIA_GT_5 24106	47.90 1.75 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.73 2.08 0.00	46.05 1.98 -0.15	49.67 1.95 -0.24	53.06 1.99 -0.12	56.42 1.70 0.00	63.35 1.30 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	58.88 0.06 0.00	52.41 1.58 0.00	45.72 1.46 0.00
ASTORIA_GT_7 24107	47.90 1.75 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.73 2.08 0.00	46.05 1.98 -0.15	49.67 1.95 -0.24	53.06 1.99 -0.12	56.42 1.70 0.00	63.35 1.30 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	58.88 0.06 0.00	52.41 1.58 0.00	45.72 1.46 0.00
ASTORIA_GT_8 24108	47.90 1.75 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.73 2.08 0.00	46.05 1.98 -0.15	49.67 1.95 -0.24	53.06 1.99 -0.12	56.42 1.70 0.00	63.35 1.30 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	58.88 0.06 0.00	52.41 1.58 0.00	45.72 1.46 0.00
ASTORIA___2 24149	47.77 1.61 -0.01	43.83 1.64 -0.01	37.94 1.56 -0.01	35.86 1.38 -0.01	35.84 1.38 -0.01	37.92 1.49 0.00	43.75 1.52 0.00	45.24 1.40 0.00	43.61 1.64 0.00	41.68 2.13 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.93 1.84 -0.16	49.52 1.80 -0.24	52.86 1.78 -0.12	56.25 1.53 0.00	63.15 1.12 0.01	72.85 1.57 0.01	76.62 1.13 0.01	77.01 0.84 0.01	68.54 0.54 0.01	58.75 -0.06 0.01	52.10 1.27 0.00	45.41 1.15 -0.01
ASTORIA___3 23516	47.59 1.43 -0.01	43.66 1.48 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.66 1.44 0.00	45.29 1.44 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.57 1.85 -0.24	52.81 1.73 -0.12	56.14 1.42 0.00	63.09 1.05 0.01	72.71 1.43 0.01	76.39 0.91 0.01	76.71 0.54 0.01	68.28 0.27 0.01	58.58 -0.23 0.01	51.75 0.92 0.00	45.24 0.97 -0.01
ASTORIA___4 23517	47.67 1.52 0.00	43.65 1.48 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.70 1.72 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.92 1.84 -0.15	49.57 1.85 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.72 1.43 0.00	76.40 0.91 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.58 -0.24 0.00	51.90 1.07 0.00	45.45 1.19 0.00
ASTORIA___5 23518	47.59 1.43 -0.01	43.66 1.48 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.66 1.44 0.00	45.29 1.44 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.57 1.85 -0.24	52.81 1.73 -0.12	56.14 1.42 0.00	63.09 1.05 0.01	72.71 1.43 0.01	76.39 0.91 0.01	76.71 0.54 0.01	68.28 0.27 0.01	58.58 -0.23 0.01	51.75 0.92 0.00	45.24 0.97 -0.01
AST_ENERGY_2_CC3 323677	36.79 1.11 10.46	36.79 1.18 6.57	36.79 1.16 0.74	35.44 0.96 0.00	35.42 0.96 0.00	36.79 1.06 0.69	36.79 1.35 6.79	36.79 1.44 8.50	36.79 1.76 6.95	36.79 1.98 4.73	38.57 1.82 2.76	38.57 1.67 4.75	38.57 1.54 6.89	38.57 1.56 10.47	38.57 1.73 14.12	38.57 1.53 17.68	44.90 1.55 18.69	54.61 1.93 18.61	58.25 1.43 18.67	58.57 1.07 18.67	50.08 0.75 18.68	40.40 0.12 18.54	40.54 0.76 11.05	38.57 0.66 6.35
AST_ENERGY_2_CC4 323678	36.79 1.11 10.46	36.79 1.18 6.57	36.79 1.16 0.74	35.44 0.96 0.00	35.42 0.96 0.00	36.79 1.06 0.69	36.79 1.35 6.79	36.79 1.44 8.50	36.79 1.76 6.95	36.79 1.98 4.73	38.57 1.82 2.76	38.57 1.67 4.75	38.57 1.54 6.89	38.57 1.56 10.47	38.57 1.73 14.12	38.57 1.53 17.68	44.90 1.55 18.69	54.61 1.93 18.61	58.25 1.43 18.67	58.57 1.07 18.67	50.08 0.75 18.68	40.40 0.12 18.54	40.54 0.76 11.05	38.57 0.66 6.35

ATHENS_STG_1 23668	46.47 0.33 0.00	42.60 0.42 0.00	36.84 0.47 0.00	34.92 0.45 0.00	34.94 0.48 0.00	36.79 0.36 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.44 0.46 0.00	39.98 0.44 0.00	39.79 0.28 0.00	41.82 0.17 0.00	43.99 0.00 -0.06	47.58 0.00 -0.10	51.05 0.05 -0.05	54.72 0.00 0.00	61.98 -0.06 0.00	71.50 0.21 0.00	75.49 0.00 0.00	76.03 -0.15 0.00	67.81 -0.20 0.00	58.41 -0.41 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
ATHENS_STG_2 23670	46.47 0.33 0.00	42.60 0.42 0.00	36.84 0.47 0.00	34.92 0.45 0.00	34.94 0.48 0.00	36.79 0.36 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.44 0.46 0.00	39.98 0.44 0.00	39.79 0.28 0.00	41.82 0.17 0.00	43.99 0.00 -0.06	47.58 0.00 -0.10	51.05 0.05 -0.05	54.72 0.00 0.00	61.98 -0.06 0.00	71.50 0.21 0.00	75.49 0.00 0.00	76.03 -0.15 0.00	67.81 -0.20 0.00	58.41 -0.41 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
ATHENS_STG_3 23677	46.47 0.33 0.00	42.60 0.42 0.00	36.84 0.47 0.00	34.92 0.45 0.00	34.94 0.48 0.00	36.79 0.36 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.44 0.46 0.00	39.98 0.44 0.00	39.79 0.28 0.00	41.82 0.17 0.00	43.99 0.00 -0.06	47.58 0.00 -0.10	51.05 0.05 -0.05	54.72 0.00 0.00	61.98 -0.06 0.00	71.50 0.21 0.00	75.49 0.00 0.00	76.03 -0.15 0.00	67.81 -0.20 0.00	58.41 -0.41 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
AUBURN___LFGE 323710	46.79 0.65 0.00	42.47 0.30 0.00	36.48 0.11 0.00	34.54 0.07 0.00	34.49 0.03 0.00	36.61 0.18 0.00	42.52 0.30 0.00	44.28 0.44 0.00	42.31 0.34 0.00	39.90 0.36 0.00	40.06 0.55 0.00	42.44 0.79 0.00	44.98 1.05 0.00	48.66 1.19 0.00	52.13 1.17 0.00	56.20 1.48 0.00	63.72 1.68 0.00	73.00 1.71 0.00	77.38 1.89 0.00	78.39 2.21 0.00	70.05 2.04 0.00	60.47 1.65 0.00	51.85 1.02 0.00	45.05 0.80 0.00
BABYLON_RES_REC 323704	46.23 0.09 0.01	43.53 1.35 0.00	37.83 1.46 0.00	35.65 1.17 0.00	35.59 1.14 0.00	37.59 1.17 0.00	43.45 1.23 0.00	44.89 1.05 0.00	44.03 2.06 0.00	42.04 2.49 0.00	41.29 1.78 0.00	42.77 1.12 0.00	44.17 0.13 -0.11	45.52 0.14 2.10	48.86 0.15 2.25	49.11 -0.11 5.50	55.21 -0.19 6.65	71.07 -0.21 0.01	70.57 -0.83 4.09	64.83 -1.22 10.13	50.43 -1.09 16.49	46.37 -1.24 11.21	44.83 -0.20 5.80	43.57 -0.62 0.07
BALL_HILL_WT_PWR 323825	48.92 2.77 0.00	43.49 1.31 0.00	37.24 0.87 0.00	35.37 0.89 0.00	34.97 0.52 0.00	37.52 1.09 0.00	43.24 1.01 0.00	44.94 1.10 0.00	42.82 0.84 0.00	41.13 1.58 0.00	42.12 2.61 0.00	45.52 3.87 0.00	48.93 5.01 0.00	52.98 5.50 0.00	56.51 5.56 0.00	60.85 6.13 0.00	68.68 6.64 0.00	76.56 5.28 0.00	80.77 5.28 0.00	82.50 6.32 0.00	73.86 5.85 0.00	63.88 5.06 0.00	54.65 3.81 0.00	47.80 3.54 0.00
BARON_WINDS___WT_PWR 323822	47.76 1.61 0.00	42.77 0.59 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.60 0.14 0.00	36.97 0.55 0.00	42.78 0.55 0.00	44.32 0.48 0.00	42.10 0.13 0.00	40.06 0.51 0.00	40.65 1.15 0.00	43.57 1.92 0.00	46.65 2.72 0.00	50.52 3.04 0.00	54.01 3.06 0.00	58.27 3.55 0.00	66.02 3.97 0.00	74.50 3.21 0.00	78.89 3.40 0.00	80.60 4.42 0.00	72.16 4.15 0.00	62.23 3.41 0.00	53.37 2.54 0.00	46.64 2.39 0.00
BARRETT_IC_1 23704	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_10 23701	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_11 23702	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_12 23703	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_2 23705	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_3 23706	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_4 23707	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_5 23708	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01

BARRETT_IC_6 23709	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_7 23710	46.42 0.28 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.39 0.93 0.00	37.48 1.06 0.00	43.45 1.22 0.00	44.89 1.05 0.00	43.99 2.01 0.00	41.64 2.10 0.00	41.64 2.13 0.00	42.98 1.33 0.00	44.68 0.61 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.24 -0.08 0.17	75.34 -0.38 0.46	66.66 -0.61 0.74	57.36 -1.00 0.46	50.24 -0.36 0.24	44.07 -0.18 0.01
BARRETT_IC_8 23711	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT_IC_9 23700	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT___1 23545	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BARRETT___2 23546	46.37 0.23 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.76 0.92 0.00	43.74 1.76 0.00	41.68 2.13 0.00	41.13 1.62 0.00	42.69 1.04 0.00	44.29 0.22 -0.14	48.13 0.52 -0.13	51.52 0.56 0.00	54.80 0.33 0.25	61.99 0.25 0.30	71.85 0.57 0.01	75.32 0.00 0.17	75.27 -0.45 0.46	66.59 -0.68 0.74	57.36 -1.00 0.46	50.18 -0.41 0.24	43.94 -0.31 0.01
BATAVIA__115KV_TB1 55881	49.56 3.42 0.00	44.33 2.15 0.00	37.90 1.53 0.00	35.89 1.41 0.00	35.56 1.10 0.00	38.07 1.64 0.00	43.83 1.60 0.00	45.90 2.06 0.00	43.53 1.55 0.00	41.68 2.14 0.00	41.72 2.21 0.00	44.90 3.25 0.00	48.19 4.26 0.00	52.27 4.80 0.00	55.75 4.79 0.00	60.08 5.36 0.00	67.88 5.83 0.00	75.99 4.71 0.00	80.40 4.91 0.00	81.97 5.79 0.00	74.06 6.05 0.00	64.11 5.29 0.00	55.30 4.47 0.00	48.02 3.76 0.00
BAYONEEC___CTG1 323682	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG10 323750	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG2 323683	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG3 323684	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG4 323685	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG5 323686	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG6 323687	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG7 323688	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00

BAYONEEC___CTG8 323689	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BAYONEEC___CTG9 323749	47.35 1.20 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.43 1.71 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.65 1.61 0.00	73.36 2.07 0.00	77.00 1.51 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BEACON___LESR 323632	46.43 0.28 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.96 0.48 0.00	35.01 0.55 0.00	36.87 0.44 0.00	42.69 0.47 0.00	44.28 0.44 0.00	42.40 0.42 0.00	39.78 0.24 0.00	39.55 0.04 0.00	41.61 -0.04 0.00	43.59 -0.22 0.12	47.05 -0.24 0.19	50.81 -0.05 0.09	54.67 -0.05 0.00	61.98 -0.06 0.00	71.65 0.36 0.00	75.95 0.46 0.00	76.49 0.31 0.00	68.28 0.27 0.00	59.00 0.18 0.00	51.14 0.31 0.00	44.43 0.18 0.00
BEAVER RIVER___HYD 24048	48.32 2.17 0.00	43.53 1.35 0.00	37.31 0.94 0.00	35.13 0.65 0.00	35.08 0.62 0.00	37.30 0.87 0.00	43.41 1.18 0.00	45.24 1.40 0.00	43.20 1.22 0.00	40.65 1.11 0.00	40.73 1.23 0.00	42.94 1.29 0.00	45.16 1.23 0.00	48.90 1.42 0.00	52.28 1.32 0.00	56.20 1.48 0.00	63.84 1.80 0.00	73.36 2.07 0.00	78.43 2.94 0.00	79.84 3.66 0.00	71.14 3.13 0.00	61.70 2.88 0.00	52.87 2.04 0.00	45.71 1.46 0.00
BEEBEE_GT_13 23619	47.58 1.43 0.00	42.90 0.72 0.00	36.77 0.40 0.00	34.82 0.34 0.00	34.63 0.17 0.00	36.86 0.44 0.00	42.57 0.34 0.00	44.54 0.70 0.00	42.48 0.50 0.00	40.41 0.87 0.00	40.89 1.38 0.00	43.73 2.08 0.00	46.70 2.77 0.00	50.61 3.13 0.00	54.06 3.11 0.00	58.22 3.50 0.00	65.95 3.91 0.00	74.50 3.21 0.00	78.59 3.10 0.00	79.68 3.50 0.00	71.75 3.74 0.00	62.05 3.24 0.00	52.86 2.03 0.00	45.94 1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.23 2.08 0.00	44.12 1.94 0.00	38.12 1.75 0.00	35.99 1.52 0.00	35.94 1.48 0.00	38.07 1.64 0.00	44.04 1.82 0.00	45.59 1.75 0.00	43.99 2.01 0.00	42.00 2.45 0.00	41.96 2.45 0.00	44.06 2.42 0.00	46.45 2.37 -0.15	50.14 2.42 -0.24	53.42 2.34 -0.12	56.69 1.97 0.00	63.84 1.80 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.78 1.60 0.00	69.24 1.22 0.00	59.35 0.53 0.00	52.51 1.68 0.00	45.98 1.73 0.00
BETHLEHEM___GRP 23843	45.78 -0.37 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.47 0.00 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.02 -0.21 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.23 -0.32 0.00	38.99 -0.51 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	50.00 -0.87 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.22 -0.61 0.00	43.72 -0.53 0.00
BETHLEHEM___GS1 323560	45.73 -0.42 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.51 0.03 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.06 -0.17 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.27 -0.27 0.00	39.04 -0.47 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	49.96 -0.92 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.17 -0.66 0.00	43.64 -0.62 0.00
BETHLEHEM___GS2 323561	45.73 -0.42 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.51 0.03 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.06 -0.17 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.27 -0.27 0.00	39.04 -0.47 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	49.96 -0.92 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.17 -0.66 0.00	43.64 -0.62 0.00
BETHLEHEM___GS3 323562	45.73 -0.42 0.00	41.97 -0.21 0.00	36.26 -0.11 0.00	34.51 0.03 0.00	34.53 0.07 0.00	36.32 -0.11 0.00	42.06 -0.17 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.27 -0.27 0.00	39.04 -0.47 0.00	40.98 -0.67 0.00	42.94 -0.88 0.11	46.35 -0.95 0.18	49.96 -0.92 0.09	53.68 -1.04 0.00	60.86 -1.18 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.04 -1.14 0.00	66.99 -1.02 0.00	57.82 -1.00 0.00	50.17 -0.66 0.00	43.64 -0.62 0.00
BETHLEHEM___STEEL 23779	49.10 2.95 0.00	43.65 1.48 0.00	37.43 1.05 0.00	35.51 1.03 0.00	35.11 0.65 0.00	37.63 1.20 0.00	43.33 1.10 0.00	45.11 1.27 0.00	42.78 0.80 0.00	41.32 1.78 0.00	42.27 2.77 0.00	45.56 3.91 0.00	49.07 5.14 0.00	53.17 5.70 0.00	56.56 5.61 0.00	60.68 5.96 0.00	68.56 6.51 0.00	76.28 4.99 0.00	80.47 4.98 0.00	82.05 5.87 0.00	73.52 5.51 0.00	63.64 4.82 0.00	54.29 3.46 0.00	47.44 3.19 0.00
BETHLHEM_115KV_TB1 79974	45.92 -0.23 0.00	42.09 -0.08 0.00	36.37 0.00 0.00	34.58 0.10 0.00	34.59 0.14 0.00	36.39 -0.04 0.00	42.14 -0.08 0.00	43.71 -0.13 0.00	41.94 -0.04 0.00	39.35 -0.20 0.00	39.11 -0.40 0.00	41.11 -0.54 0.00	43.12 -0.70 0.10	46.50 -0.81 0.17	50.16 -0.71 0.08	53.90 -0.82 0.00	61.05 -0.99 0.00	70.58 -0.71 0.00	74.74 -0.75 0.00	75.27 -0.91 0.00	67.19 -0.82 0.00	58.00 -0.82 0.00	50.37 -0.46 0.00	43.86 -0.40 0.00
BETHPAGE_CC_5 323564	46.19 0.05 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.47 1.00 0.00	35.39 0.93 0.00	37.37 0.95 0.00	43.28 1.06 0.00	44.72 0.88 0.00	43.82 1.84 0.00	41.80 2.25 0.00	41.17 1.66 0.00	42.69 1.04 0.00	44.22 0.18 -0.11	46.14 0.57 1.91	49.46 0.56 2.05	49.95 0.27 5.05	56.13 0.19 6.10	71.78 0.50 0.01	71.58 -0.15 3.76	66.27 -0.61 9.30	52.13 -0.75 15.14	47.70 -0.82 10.29	45.15 -0.35 5.32	43.58 -0.62 0.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.29 3.14 0.00	43.82 1.64 0.00	37.57 1.20 0.00	35.61 1.14 0.00	35.22 0.76 0.00	37.77 1.35 0.00	43.49 1.27 0.00	45.29 1.45 0.00	42.99 1.01 0.00	41.56 2.02 0.00	42.51 3.00 0.00	45.81 4.16 0.00	49.33 5.40 0.00	53.51 6.03 0.00	56.92 5.96 0.00	60.96 6.24 0.00	68.87 6.82 0.00	76.64 5.35 0.00	80.85 5.36 0.00	82.43 6.25 0.00	73.86 5.85 0.00	63.88 5.06 0.00	54.49 3.66 0.00	47.57 3.32 0.00
BINGHAMTON___COGEN 23790	47.03 0.88 0.00	42.60 0.42 0.00	36.62 0.25 0.00	34.75 0.28 0.00	34.66 0.21 0.00	36.83 0.40 0.00	42.69 0.46 0.00	44.32 0.48 0.00	42.36 0.38 0.00	40.06 0.51 0.00	40.26 0.75 0.00	42.61 0.96 0.00	45.20 1.27 0.00	48.95 1.47 0.00	52.43 1.48 0.00	56.63 1.92 0.00	64.28 2.23 0.00	73.36 2.07 0.00	77.53 2.04 0.00	78.62 2.44 0.00	70.19 2.18 0.00	60.52 1.71 0.00	52.10 1.27 0.00	45.36 1.11 0.00

BIXINCNT_115KV_LOAD 355685	48.32 2.17 0.00	42.85 0.67 0.00	36.73 0.36 0.00	34.85 0.38 0.00	34.49 0.03 0.00	37.16 0.73 0.00	42.99 0.76 0.00	44.63 0.79 0.00	42.65 0.67 0.00	41.21 1.66 0.00	42.12 2.61 0.00	45.36 3.71 0.00	48.85 4.92 0.00	52.98 5.51 0.00	56.41 5.45 0.00	61.18 6.46 0.00	69.24 7.20 0.00	77.14 5.85 0.00	81.38 5.89 0.00	83.04 6.86 0.00	74.27 6.26 0.00	64.11 5.29 0.00	54.54 3.71 0.00	47.57 3.32 0.00
BLACK RIVER___HYD 24047	48.87 2.72 0.00	44.12 1.94 0.00	37.79 1.42 0.00	35.61 1.14 0.00	35.53 1.07 0.00	37.78 1.35 0.00	44.00 1.77 0.00	45.82 1.97 0.00	43.66 1.68 0.00	40.85 1.30 0.00	41.05 1.54 0.00	43.23 1.58 0.00	45.46 1.54 0.00	49.24 1.76 0.00	52.59 1.63 0.00	56.58 1.86 0.00	64.34 2.30 0.00	74.21 2.92 0.00	79.49 4.00 0.00	81.28 5.10 0.00	72.84 4.83 0.00	62.93 4.12 0.00	53.98 3.15 0.00	46.51 2.26 0.00
BLACKRVR_115KV_TB2 79977	48.87 2.72 0.00	44.12 1.94 0.00	37.79 1.42 0.00	35.61 1.14 0.00	35.53 1.07 0.00	37.77 1.35 0.00	44.00 1.77 0.00	45.81 1.97 0.00	43.66 1.68 0.00	40.85 1.30 0.00	41.05 1.54 0.00	43.23 1.58 0.00	45.47 1.54 0.00	49.23 1.76 0.00	52.59 1.63 0.00	56.58 1.86 0.00	64.34 2.30 0.00	74.21 2.92 0.00	79.49 4.00 0.00	81.28 5.10 0.00	72.77 4.76 0.00	62.94 4.12 0.00	53.93 3.10 0.00	46.47 2.21 0.00
BLDWN_LI_69_KV_BK4 356085	46.74 0.60 0.01	43.57 1.39 0.00	37.83 1.45 0.00	35.75 1.28 0.00	35.59 1.14 0.00	37.70 1.27 0.00	43.71 1.48 0.00	45.11 1.27 0.00	44.24 2.27 0.00	41.96 2.41 0.00	41.96 2.45 0.00	43.36 1.71 0.00	45.06 1.01 -0.13	47.40 1.00 1.07	50.97 1.22 1.21	52.63 0.98 3.08	59.38 1.05 3.72	72.71 1.43 0.01	74.04 0.83 2.29	71.05 0.53 5.66	59.00 0.20 9.22	52.27 -0.29 6.25	47.80 0.20 3.24	44.39 0.18 0.04
BLISS_WT_PWR 323608	48.18 2.03 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.72 0.24 0.00	34.35 -0.10 0.00	37.01 0.58 0.00	42.86 0.63 0.00	44.50 0.66 0.00	42.73 0.76 0.00	41.09 1.54 0.00	42.07 2.57 0.00	45.48 3.83 0.00	48.98 5.05 0.00	52.94 5.46 0.00	56.46 5.50 0.00	61.12 6.40 0.00	69.17 7.13 0.00	77.06 5.77 0.00	81.38 5.89 0.00	83.04 6.86 0.00	74.26 6.25 0.00	64.11 5.30 0.00	54.69 3.86 0.00	47.84 3.58 0.00
BLUESTONE___WT_PWR 323821	48.87 2.72 0.00	44.33 2.15 0.00	38.08 1.71 0.00	35.99 1.52 0.00	35.94 1.48 0.00	38.21 1.78 0.00	44.42 2.19 0.00	46.29 2.45 0.00	44.12 2.14 0.00	41.28 1.74 0.00	41.56 2.05 0.00	44.02 2.37 0.00	46.43 2.50 0.00	50.33 2.85 0.00	54.06 3.11 0.00	58.39 3.67 0.00	66.51 4.47 0.00	76.43 5.14 0.00	81.16 5.66 0.00	82.35 6.17 0.00	73.72 5.71 0.00	63.41 4.59 0.00	54.44 3.61 0.00	47.13 2.87 0.00
BLUE_CIRC_CHEM_DRP 24182	46.52 0.37 0.00	42.64 0.46 0.00	36.84 0.47 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.86 0.44 0.00	42.65 0.42 0.00	44.15 0.31 0.00	42.19 0.21 0.00	39.54 0.00 0.00	39.31 -0.20 0.00	41.32 -0.33 0.00	43.37 -0.48 0.07	46.84 -0.52 0.12	50.49 -0.41 0.06	54.23 -0.49 0.00	61.55 -0.50 0.00	71.08 -0.21 0.00	75.49 0.00 0.00	76.18 0.00 0.00	68.08 0.07 0.00	58.88 0.06 0.00	51.09 0.25 0.00	44.48 0.22 0.00
BOC_GAS_DRP 24189	46.24 0.09 0.00	42.39 0.21 0.00	36.62 0.25 0.00	34.75 0.28 0.00	34.77 0.31 0.00	36.65 0.22 0.00	42.44 0.21 0.00	43.97 0.13 0.00	42.19 0.21 0.00	39.66 0.12 0.00	39.51 0.00 0.00	41.52 -0.12 0.00	43.60 -0.26 0.07	47.08 -0.28 0.11	50.70 -0.20 0.05	54.39 -0.33 0.00	61.67 -0.37 0.00	71.15 -0.14 0.00	75.19 -0.30 0.00	75.80 -0.38 0.00	67.60 -0.41 0.00	58.35 -0.47 0.00	50.68 -0.15 0.00	44.17 -0.09 0.00
BOONVILLE_115KV_TB1 79983	47.76 1.62 0.00	43.23 1.05 0.00	37.13 0.76 0.00	35.06 0.59 0.00	35.01 0.55 0.00	37.16 0.73 0.00	43.20 0.97 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.41 0.87 0.00	40.54 1.03 0.00	42.77 1.12 0.00	44.98 1.05 0.00	48.71 1.23 0.00	52.23 1.27 0.00	56.14 1.42 0.00	63.84 1.80 0.00	73.50 2.21 0.00	78.21 2.72 0.00	79.30 3.12 0.00	70.73 2.72 0.00	60.99 2.18 0.00	52.41 1.58 0.00	45.32 1.06 0.00
BORALEX_4TH_BRANCH 23824	47.53 1.38 0.00	43.70 1.52 0.00	37.83 1.45 0.00	35.78 1.31 0.00	35.87 1.41 0.00	37.92 1.49 0.00	43.79 1.56 0.00	45.38 1.53 0.00	43.40 1.43 0.00	40.49 0.95 0.00	40.10 0.59 0.00	42.15 0.50 0.00	43.90 0.26 0.30	47.28 0.28 0.48	51.13 0.41 0.23	55.10 0.38 0.00	62.54 0.50 0.00	72.79 1.50 0.00	77.08 1.59 0.00	77.55 1.37 0.00	69.24 1.22 0.00	59.70 0.88 0.00	52.00 1.17 0.00	45.27 1.02 0.00
BOWLINE___1 23526	46.93 0.78 0.00	43.07 0.89 0.00	37.28 0.91 0.00	35.27 0.79 0.00	35.28 0.83 0.00	37.30 0.87 0.00	43.28 1.06 0.00	44.85 1.01 0.00	43.07 1.09 0.00	40.77 1.23 0.00	40.61 1.10 0.00	42.61 0.96 0.00	44.81 0.75 -0.14	48.46 0.76 -0.23	51.98 0.92 -0.11	55.49 0.77 0.00	62.79 0.75 0.00	72.36 1.07 0.00	76.09 0.60 0.00	76.56 0.38 0.00	68.22 0.20 0.00	58.53 -0.29 0.00	51.09 0.26 0.00	44.43 0.18 0.00
BOWLINE___2 23595	46.84 0.69 0.00	43.02 0.84 0.00	37.28 0.91 0.00	35.23 0.76 0.00	35.25 0.79 0.00	37.30 0.87 0.00	43.24 1.01 0.00	44.80 0.96 0.00	43.11 1.13 0.00	40.77 1.23 0.00	40.65 1.15 0.00	42.61 0.96 0.00	44.86 0.79 -0.14	48.46 0.76 -0.23	51.98 0.92 -0.11	55.49 0.77 0.00	62.79 0.75 0.00	72.43 1.14 0.00	76.09 0.60 0.00	76.64 0.46 0.00	68.22 0.20 0.00	58.53 -0.29 0.00	51.09 0.26 0.00	44.48 0.22 0.00
BRADY___115KV_TB2 356060	47.67 1.52 0.00	43.65 1.48 0.00	37.57 1.20 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.56 1.13 0.00	43.66 1.44 0.00	45.20 1.36 0.00	43.07 1.09 0.00	40.53 0.99 0.00	40.42 0.91 0.00	42.56 0.92 0.00	44.89 0.97 0.00	48.47 1.00 0.00	51.92 0.97 0.00	55.81 1.09 0.00	63.28 1.24 0.00	72.14 0.86 0.00	77.15 1.66 0.00	78.31 2.13 0.00	69.92 1.90 0.00	61.29 2.47 0.00	52.71 1.88 0.00	45.94 1.68 0.00
BRANSCOMB___SOLAR 323811	47.53 1.38 0.00	43.57 1.39 0.00	37.64 1.27 0.00	35.71 1.24 0.00	35.73 1.28 0.00	37.81 1.38 0.00	43.71 1.48 0.00	45.20 1.36 0.00	42.98 1.01 0.00	40.18 0.63 0.00	39.79 0.28 0.00	41.86 0.21 0.00	43.74 -0.04 0.15	47.19 -0.05 0.24	50.99 0.15 0.12	55.05 0.33 0.00	62.54 0.49 0.00	72.43 1.14 0.00	77.38 1.89 0.00	78.16 1.98 0.00	70.19 2.18 0.00	60.70 1.88 0.00	52.51 1.67 0.00	45.58 1.33 0.00
BRDGHMPT_69_KV_BK1 55812	47.25 1.11 0.01	44.58 2.40 0.00	38.95 2.58 0.00	36.96 2.48 0.00	36.63 2.17 0.00	38.79 2.37 0.00	44.93 2.70 0.00	46.30 2.46 0.00	45.84 3.86 0.00	43.54 3.99 0.00	43.22 3.71 0.00	44.56 2.92 0.00	45.79 1.76 -0.11	47.12 2.04 2.40	50.80 2.39 2.55	50.98 2.46 6.20	57.09 2.54 7.49	74.92 3.64 0.01	73.82 2.94 4.62	67.42 2.67 11.42	51.60 2.18 18.59	47.18 1.00 12.64	45.41 1.12 6.54	44.98 0.80 0.07

BRENTWOD_69_KV_W. BRTWOOD 56703	46.46 0.32 0.01	43.78 1.60 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.87 1.41 0.00	37.99 1.57 0.00	44.00 1.77 0.00	45.29 1.45 0.00	44.71 2.73 0.00	42.35 2.81 0.00	42.19 2.69 0.00	43.36 1.71 0.00	44.65 0.61 -0.11	45.74 0.62 2.35	49.22 0.76 2.50	49.18 0.55 6.08	55.24 0.56 7.36	72.21 0.93 0.01	71.34 0.38 4.53	65.12 0.15 11.21	49.70 -0.07 18.25	45.70 -0.71 12.41	44.36 -0.05 6.42	44.14 -0.04 0.07
BRISTLHL_115KV_TB1 79998	45.64 -0.51 0.00	41.50 -0.67 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.65 0.00	35.81 -0.62 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.35 -0.63 0.00	38.99 -0.55 0.00	39.07 -0.43 0.00	41.27 -0.37 0.00	43.66 -0.26 0.00	47.24 -0.24 0.00	50.65 -0.31 0.00	54.39 -0.33 0.00	61.67 -0.37 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.80 -0.38 0.00	67.74 -0.27 0.00	58.47 -0.35 0.00	50.48 -0.36 0.00	43.86 -0.40 0.00
BROOKHAVEN___DRP 24191	46.00 -0.14 0.01	43.49 1.31 0.00	37.97 1.60 0.00	36.03 1.55 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.96 1.73 0.00	45.24 1.40 0.00	44.71 2.73 0.00	42.35 2.81 0.00	41.96 2.45 0.00	43.15 1.50 0.00	44.34 0.31 -0.11	45.50 0.43 2.40	48.97 0.56 2.55	48.90 0.38 6.20	54.67 0.12 7.50	72.07 0.78 0.01	71.02 0.15 4.62	64.75 0.00 11.43	49.34 -0.07 18.60	45.35 -0.82 12.65	43.98 -0.30 6.54	43.83 -0.35 0.07
BROOKLYN_NAVY_YARD 23515	47.35 1.20 0.00	43.40 1.22 0.00	37.57 1.20 0.00	35.47 1.00 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.66 1.44 0.00	45.42 1.58 0.00	43.87 1.89 0.00	41.64 2.09 0.00	41.37 1.86 0.00	43.40 1.75 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.86 1.78 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.39 1.22 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.69 0.86 0.00	45.01 0.75 0.00
BROOKLYN___ARMY_DRP 323595	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
BROOME_2_LFGE 323671	47.02 0.87 0.00	42.60 0.42 0.00	36.63 0.26 0.00	34.75 0.27 0.00	34.67 0.21 0.00	36.83 0.40 0.00	42.69 0.47 0.00	44.32 0.48 0.00	42.40 0.42 0.00	40.02 0.48 0.00	40.22 0.71 0.00	42.65 1.00 0.00	45.20 1.27 0.00	48.95 1.47 0.00	52.48 1.53 0.00	56.63 1.91 0.00	64.27 2.23 0.00	73.36 2.07 0.00	77.53 2.04 0.00	78.62 2.44 0.00	70.19 2.18 0.00	60.58 1.76 0.00	52.15 1.32 0.00	45.45 1.20 0.00
BROOME___LFGE 323600	47.02 0.87 0.00	42.60 0.42 0.00	36.63 0.26 0.00	34.75 0.27 0.00	34.67 0.21 0.00	36.83 0.40 0.00	42.69 0.47 0.00	44.32 0.48 0.00	42.40 0.42 0.00	40.02 0.48 0.00	40.22 0.71 0.00	42.65 1.00 0.00	45.20 1.27 0.00	48.95 1.47 0.00	52.48 1.53 0.00	56.63 1.91 0.00	64.27 2.23 0.00	73.36 2.07 0.00	77.53 2.04 0.00	78.62 2.44 0.00	70.19 2.18 0.00	60.58 1.76 0.00	52.15 1.32 0.00	45.45 1.20 0.00
BROWNFLS_115KV_TB_3_5 80003	47.76 1.62 0.00	43.44 1.27 0.00	37.32 0.95 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.30 0.87 0.00	43.45 1.22 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.67 1.42 0.00
BROWNSV1_27_KV_LOAD 356125	47.90 1.75 0.00	43.82 1.64 0.00	37.93 1.56 0.00	35.78 1.31 0.00	35.77 1.31 0.00	37.88 1.46 0.00	44.04 1.82 0.00	45.81 1.97 0.00	44.29 2.31 0.00	41.96 2.41 0.00	41.88 2.37 0.00	43.94 2.29 0.00	46.23 2.15 -0.15	49.95 2.23 -0.24	53.57 2.50 -0.12	57.02 2.30 0.00	64.52 2.48 0.00	74.28 2.99 0.00	77.98 2.49 0.00	78.31 2.13 0.00	69.71 1.70 0.00	59.76 0.94 0.00	52.41 1.58 0.00	45.67 1.42 0.00
BURROWS___LYONSDAL 23803	47.86 1.71 0.00	43.23 1.05 0.00	37.10 0.73 0.00	34.99 0.52 0.00	34.94 0.48 0.00	37.12 0.69 0.00	43.16 0.93 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.45 0.91 0.00	40.57 1.07 0.00	42.77 1.12 0.00	44.98 1.05 0.00	48.76 1.28 0.00	52.23 1.27 0.00	56.14 1.42 0.00	63.84 1.80 0.00	73.50 2.21 0.00	78.28 2.79 0.00	79.46 3.28 0.00	70.73 2.72 0.00	61.05 2.24 0.00	52.41 1.58 0.00	45.32 1.06 0.00
CAITHNESS_CC_1 323624	45.77 -0.37 0.01	43.40 1.22 0.00	37.86 1.49 0.00	35.78 1.31 0.00	35.70 1.24 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.20 2.22 0.00	42.24 2.69 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.77 -0.26 -0.11	45.36 0.29 2.41	48.77 0.36 2.55	48.74 0.22 6.20	54.54 0.00 7.50	71.85 0.57 0.01	70.79 -0.08 4.62	64.37 -0.38 11.43	49.00 -0.41 18.61	45.22 -0.94 12.65	43.78 -0.51 6.55	42.99 -1.19 0.07
CALPINE BETH_PAGE_GT4 24209	46.33 0.18 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.39 0.93 0.00	37.48 1.06 0.00	43.45 1.22 0.00	44.85 1.01 0.00	44.03 2.06 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.06 1.42 0.00	44.70 0.66 -0.12	46.40 0.62 1.69	49.89 0.76 1.83	50.46 0.27 4.54	56.74 0.19 5.49	71.78 0.50 0.01	71.96 -0.15 3.38	67.29 -0.53 8.36	53.73 -0.68 13.60	48.75 -0.82 9.25	45.79 -0.25 4.78	44.02 -0.18 0.05
CALPINE_BETH_PAGE_GT_4 323586	46.23 0.09 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.44 0.96 0.00	35.39 0.93 0.00	37.37 0.95 0.00	43.24 1.01 0.00	44.72 0.88 0.00	43.78 1.80 0.00	41.76 2.21 0.00	41.17 1.66 0.00	42.73 1.08 0.00	44.27 0.22 -0.12	46.40 0.62 1.69	49.84 0.71 1.83	50.46 0.27 4.54	56.74 0.19 5.49	71.79 0.50 0.01	71.96 -0.15 3.38	67.21 -0.61 8.36	53.66 -0.75 13.60	48.81 -0.77 9.25	45.74 -0.30 4.78	43.67 -0.53 0.05
CALPINE_BP_GT1 23823	46.23 0.09 0.01	43.32 1.14 0.00	37.61 1.24 0.00	35.44 0.96 0.00	35.39 0.93 0.00	37.37 0.95 0.00	43.24 1.01 0.00	44.72 0.88 0.00	43.78 1.80 0.00	41.76 2.21 0.00	41.17 1.66 0.00	42.73 1.08 0.00	44.27 0.22 -0.12	46.40 0.62 1.69	49.84 0.71 1.83	50.46 0.27 4.54	56.74 0.19 5.49	71.79 0.50 0.01	71.96 -0.15 3.38	67.21 -0.61 8.36	53.66 -0.75 13.60	48.81 -0.77 9.25	45.74 -0.30 4.78	43.67 -0.53 0.05
CALSPAN___DRP 24200	49.10 2.95 0.00	43.65 1.48 0.00	37.43 1.05 0.00	35.51 1.03 0.00	35.11 0.65 0.00	37.63 1.20 0.00	43.33 1.10 0.00	45.11 1.27 0.00	42.78 0.80 0.00	41.32 1.78 0.00	42.27 2.77 0.00	45.56 3.91 0.00	49.07 5.14 0.00	53.17 5.70 0.00	56.56 5.61 0.00	60.68 5.96 0.00	68.56 6.51 0.00	76.28 4.99 0.00	80.47 4.98 0.00	82.05 5.87 0.00	73.52 5.51 0.00	63.64 4.82 0.00	54.29 3.46 0.00	47.44 3.19 0.00

CALVERTON___SOLAR 323806	45.96 -0.18 0.01	43.61 1.43 0.00	38.12 1.75 0.00	36.03 1.55 0.00	35.94 1.48 0.00	37.92 1.49 0.00	43.62 1.39 0.00	45.07 1.23 0.00	44.54 2.56 0.00	42.55 3.00 0.00	41.40 1.90 0.00	42.90 1.25 0.00	43.95 -0.09 -0.11	45.65 0.57 2.40	49.12 0.71 2.55	49.12 0.60 6.20	54.98 0.44 7.50	72.49 1.21 0.01	71.47 0.60 4.62	65.06 0.31 11.43	49.62 0.20 18.60	45.64 -0.53 12.65	44.14 -0.15 6.54	43.17 -1.02 0.07
CANDIGU_WT_PWR 323617	47.76 1.61 0.00	42.77 0.59 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.60 0.14 0.00	36.97 0.55 0.00	42.78 0.55 0.00	44.32 0.48 0.00	42.10 0.13 0.00	40.06 0.51 0.00	40.65 1.15 0.00	43.57 1.92 0.00	46.65 2.72 0.00	50.52 3.04 0.00	54.01 3.06 0.00	58.27 3.55 0.00	66.02 3.97 0.00	74.50 3.21 0.00	78.89 3.40 0.00	80.60 4.42 0.00	72.16 4.15 0.00	62.23 3.41 0.00	53.37 2.54 0.00	46.64 2.39 0.00
CARR STREET_E_SYR 24060	45.69 -0.46 0.00	41.55 -0.63 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.66 0.00	35.84 -0.58 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.39 -0.59 0.00	39.03 -0.52 0.00	39.15 -0.36 0.00	41.44 -0.21 0.00	43.84 -0.09 0.00	47.43 -0.05 0.00	50.85 -0.10 0.00	54.72 0.00 0.00	62.04 0.00 0.00	71.15 -0.14 0.00	75.26 -0.23 0.00	76.10 -0.08 0.00	68.01 0.00 0.00	58.64 -0.18 0.00	50.58 -0.25 0.00	43.95 -0.31 0.00
CARTHAGE___PAPER 23857	48.59 2.44 0.00	43.82 1.64 0.00	37.57 1.20 0.00	35.37 0.89 0.00	35.32 0.86 0.00	37.56 1.13 0.00	43.75 1.52 0.00	45.55 1.71 0.00	43.45 1.47 0.00	40.73 1.19 0.00	40.85 1.34 0.00	43.02 1.37 0.00	45.24 1.32 0.00	49.00 1.52 0.00	52.33 1.38 0.00	56.31 1.59 0.00	63.97 1.93 0.00	73.64 2.35 0.00	78.89 3.40 0.00	80.52 4.34 0.00	71.89 3.87 0.00	62.29 3.47 0.00	53.42 2.59 0.00	46.11 1.86 0.00
CASSADAGA_WT_PWR 323784	48.73 2.58 0.00	43.11 0.93 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.60 0.14 0.00	37.19 0.77 0.00	43.16 0.93 0.00	44.94 1.10 0.00	43.07 1.09 0.00	41.40 1.86 0.00	42.51 3.00 0.00	46.11 4.46 0.00	49.77 5.84 0.00	54.03 6.55 0.00	57.73 6.78 0.00	62.98 8.26 0.00	71.17 9.12 0.00	78.77 7.48 0.00	83.19 7.70 0.00	85.01 8.83 0.00	75.90 7.89 0.00	65.52 6.70 0.00	55.61 4.78 0.00	48.37 4.12 0.00
CE_DUNWOOD___DRP 24194	47.26 1.11 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.42 0.96 0.00	37.48 1.06 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.06 1.42 0.00	45.31 1.23 -0.15	49.00 1.28 -0.24	52.55 1.48 -0.12	56.03 1.31 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.05 0.24 0.00	51.59 0.76 0.00	45.01 0.75 0.00
CE_MILLWOOD___DRP 24193	47.16 1.02 0.00	43.23 1.05 0.00	37.43 1.05 0.00	35.37 0.90 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.45 1.22 0.00	45.07 1.23 0.00	43.45 1.47 0.00	41.05 1.50 0.00	40.93 1.42 0.00	42.94 1.29 0.00	45.17 1.10 -0.15	48.86 1.14 -0.24	52.40 1.32 -0.12	55.87 1.15 0.00	63.22 1.18 0.00	72.93 1.64 0.00	76.70 1.21 0.00	77.09 0.91 0.00	68.69 0.68 0.00	58.94 0.12 0.00	51.49 0.66 0.00	44.92 0.66 0.00
CE_NYC2_DRP 24202	47.72 1.57 0.00	43.70 1.52 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.81 1.38 0.00	43.75 1.52 0.00	45.29 1.45 0.00	43.74 1.76 0.00	41.68 2.14 0.00	41.64 2.13 0.00	43.65 2.00 0.00	45.97 1.89 -0.15	49.62 1.90 -0.24	52.96 1.89 -0.12	56.20 1.48 0.00	63.22 1.18 0.00	72.86 1.57 0.00	76.55 1.06 0.00	76.87 0.69 0.00	68.42 0.41 0.00	58.70 -0.12 0.00	51.95 1.12 0.00	45.45 1.19 0.00
CE_NYC_DRP 24195	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.63 1.20 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.64 2.10 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.06 1.99 -0.12	56.47 1.75 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.23 1.74 0.00	77.63 1.45 0.00	69.03 1.02 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.27 1.02 0.00
CHAFFEE___LFGE 323603	49.19 3.05 0.00	43.74 1.56 0.00	37.50 1.13 0.00	35.58 1.10 0.00	35.15 0.69 0.00	37.70 1.27 0.00	43.49 1.27 0.00	45.24 1.40 0.00	43.11 1.13 0.00	41.36 1.82 0.00	42.39 2.88 0.00	45.85 4.20 0.00	49.24 5.31 0.00	53.32 5.84 0.00	56.86 5.91 0.00	61.06 6.34 0.00	69.05 7.01 0.00	76.78 5.49 0.00	81.08 5.59 0.00	82.65 6.47 0.00	74.06 6.05 0.00	64.05 5.23 0.00	54.85 4.01 0.00	48.02 3.76 0.00
CHATEAUG_35_KV_LOAD 355732	46.29 0.14 0.00	42.56 0.38 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.77 0.31 0.00	36.72 0.29 0.00	42.69 0.46 0.00	44.24 0.39 0.00	42.27 0.29 0.00	39.86 0.32 0.00	39.78 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.62 0.14 0.00	50.96 0.00 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.65 0.36 0.00	76.25 0.75 0.00	77.17 0.99 0.00	68.69 0.68 0.00	59.76 0.94 0.00	51.39 0.56 0.00	44.92 0.66 0.00
CHATEAUG_WT_PWR 323614	46.38 0.23 0.00	42.48 0.30 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.86 0.31 0.00	39.79 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.57 0.10 0.00	50.96 0.00 0.00	54.72 0.00 0.00	62.11 0.06 0.00	71.58 0.29 0.00	76.09 0.60 0.00	76.86 0.68 0.00	68.49 0.48 0.00	59.58 0.76 0.00	51.29 0.46 0.00	44.96 0.71 0.00
CHAT_HIGH_FALL_HYD 323578	46.29 0.14 0.00	42.56 0.38 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.77 0.31 0.00	36.72 0.29 0.00	42.69 0.46 0.00	44.24 0.39 0.00	42.27 0.29 0.00	39.86 0.32 0.00	39.78 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.62 0.14 0.00	50.96 0.00 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.65 0.36 0.00	76.25 0.75 0.00	77.17 0.99 0.00	68.69 0.68 0.00	59.76 0.94 0.00	51.39 0.56 0.00	44.92 0.66 0.00
CHAUTAUQUA___LFGE 323629	49.06 2.91 0.00	43.53 1.35 0.00	37.24 0.87 0.00	35.34 0.86 0.00	34.97 0.52 0.00	37.56 1.13 0.00	43.32 1.10 0.00	45.07 1.23 0.00	42.98 1.01 0.00	41.33 1.78 0.00	42.35 2.85 0.00	45.81 4.16 0.00	49.33 5.40 0.00	53.46 5.98 0.00	57.07 6.11 0.00	61.67 6.95 0.00	69.55 7.50 0.00	77.63 6.34 0.00	81.90 6.41 0.00	83.72 7.54 0.00	74.88 6.87 0.00	64.70 5.88 0.00	55.20 4.37 0.00	48.19 3.94 0.00
CHERRYST_13_KV_LD 356241	47.67 1.52 0.00	43.65 1.48 0.00	37.79 1.42 0.00	35.68 1.21 0.00	35.66 1.21 0.00	37.77 1.35 0.00	43.92 1.69 0.00	45.64 1.80 0.00	44.12 2.14 0.00	41.84 2.29 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.05 1.98 -0.15	49.76 2.04 -0.24	53.31 2.24 -0.12	56.80 2.08 0.00	64.21 2.17 0.00	73.93 2.64 0.00	77.60 2.11 0.00	77.93 1.75 0.00	69.30 1.29 0.00	59.41 0.59 0.00	52.10 1.27 0.00	45.45 1.19 0.00

CHESTROR_138KV_BK263 355645	46.93 0.78 0.00	42.98 0.80 0.00	37.17 0.80 0.00	35.16 0.69 0.00	35.18 0.72 0.00	37.19 0.76 0.00	43.16 0.93 0.00	44.72 0.88 0.00	43.03 1.05 0.00	40.57 1.03 0.00	40.46 0.95 0.00	42.48 0.83 0.00	44.76 0.70 -0.13	48.40 0.71 -0.21	51.97 0.92 -0.10	55.54 0.82 0.00	62.85 0.81 0.00	72.50 1.21 0.00	76.32 0.83 0.00	76.87 0.69 0.00	68.49 0.48 0.00	58.88 0.06 0.00	51.34 0.51 0.00	44.74 0.49 0.00
CH_MIDHUDSON___DRP 24192	47.26 1.11 0.00	43.32 1.14 0.00	37.46 1.09 0.00	35.44 0.97 0.00	35.42 0.96 0.00	37.45 1.02 0.00	43.45 1.22 0.00	45.07 1.23 0.00	43.36 1.39 0.00	40.81 1.27 0.00	40.65 1.15 0.00	42.69 1.04 0.00	44.96 0.92 -0.11	48.65 1.00 -0.18	52.26 1.22 -0.08	55.81 1.09 0.00	63.10 1.05 0.00	72.93 1.64 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.17 0.35 0.00	51.64 0.81 0.00	44.96 0.71 0.00
CH_MISC_IPPS 23765	47.44 1.29 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.24 1.40 0.00	43.49 1.51 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.53 1.48 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.85 1.67 0.00	69.37 1.36 0.00	59.58 0.76 0.00	51.90 1.07 0.00	45.09 0.84 0.00
CH_RES_BVR_FALLS 23983	46.01 -0.14 0.00	42.05 -0.13 0.00	36.26 -0.11 0.00	34.37 -0.10 0.00	34.35 -0.10 0.00	36.32 -0.11 0.00	42.14 -0.08 0.00	43.75 -0.09 0.00	41.94 -0.04 0.00	39.54 0.00 0.00	39.51 0.00 0.00	41.65 0.00 0.00	43.88 -0.04 0.00	47.38 -0.09 0.00	50.85 -0.10 0.00	54.61 -0.11 0.00	61.92 -0.12 0.00	71.15 -0.14 0.00	75.42 -0.08 0.00	76.10 -0.08 0.00	67.81 -0.20 0.00	58.70 -0.12 0.00	50.63 -0.20 0.00	44.08 -0.18 0.00
CH_RES_NIAGARA 23895	47.81 1.66 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.82 0.34 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.21 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.18 3.25 0.00	51.09 3.61 0.00	54.32 3.36 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.21 1.92 0.00	77.15 1.66 0.00	78.62 2.44 0.00	70.66 2.65 0.00	61.47 2.65 0.00	52.51 1.68 0.00	46.20 1.95 0.00
CH_RES_SYRACUSE 23985	46.20 0.05 0.00	42.01 -0.17 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.25 -0.18 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.85 -0.13 0.00	39.43 -0.12 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.17 0.68 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.14 0.31 0.00	44.43 0.18 0.00
CLINTON_WT_PWR 323605	46.38 0.23 0.00	42.48 0.30 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.86 0.31 0.00	39.79 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.57 0.10 0.00	50.96 0.00 0.00	54.72 0.00 0.00	62.11 0.06 0.00	71.58 0.29 0.00	76.09 0.60 0.00	76.86 0.68 0.00	68.49 0.48 0.00	59.58 0.76 0.00	51.29 0.46 0.00	44.96 0.71 0.00
CLINTON___LFGE 323618	46.66 0.51 0.00	42.73 0.55 0.00	36.81 0.44 0.00	34.85 0.38 0.00	34.84 0.38 0.00	36.83 0.40 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.48 0.51 0.00	40.10 0.55 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.46 0.53 0.00	47.76 0.29 0.00	51.11 0.15 0.00	54.88 0.16 0.00	62.29 0.25 0.00	72.21 0.92 0.00	76.92 1.43 0.00	77.85 1.67 0.00	69.24 1.23 0.00	60.23 1.41 0.00	51.75 0.92 0.00	45.49 1.24 0.00
COBBLENY_34_KV_TB1 80064	49.19 3.05 0.00	43.74 1.56 0.00	37.50 1.13 0.00	35.58 1.10 0.00	35.15 0.69 0.00	37.70 1.27 0.00	43.49 1.27 0.00	45.24 1.40 0.00	42.94 0.97 0.00	41.44 1.90 0.00	42.39 2.88 0.00	45.65 4.00 0.00	49.16 5.23 0.00	53.32 5.84 0.00	56.76 5.81 0.00	61.07 6.35 0.00	69.05 7.01 0.00	76.78 5.49 0.00	81.00 5.51 0.00	82.65 6.48 0.00	74.00 5.98 0.00	63.99 5.18 0.00	54.54 3.71 0.00	47.66 3.41 0.00
COFFEEN___115KV_TB3 355620	49.19 3.05 0.00	44.37 2.19 0.00	38.01 1.64 0.00	35.78 1.31 0.00	35.70 1.24 0.00	37.99 1.57 0.00	44.21 1.98 0.00	46.08 2.24 0.00	43.87 1.89 0.00	41.01 1.46 0.00	41.21 1.70 0.00	43.40 1.75 0.00	45.60 1.67 0.00	49.42 1.95 0.00	52.74 1.78 0.00	56.74 2.02 0.00	64.65 2.61 0.00	74.57 3.28 0.00	80.02 4.53 0.00	81.97 5.79 0.00	73.52 5.51 0.00	63.52 4.71 0.00	54.39 3.56 0.00	46.82 2.57 0.00
COLDSPRG_115KV_BK1 355956	48.92 2.77 0.00	43.32 1.14 0.00	37.10 0.73 0.00	35.16 0.69 0.00	34.87 0.41 0.00	37.52 1.09 0.00	43.71 1.48 0.00	45.33 1.49 0.00	43.28 1.30 0.00	41.68 2.14 0.00	42.63 3.12 0.00	45.86 4.21 0.00	49.51 5.58 0.00	53.79 6.31 0.00	57.43 6.47 0.00	63.20 8.48 0.00	71.54 9.49 0.00	78.85 7.56 0.00	83.19 7.70 0.00	85.09 8.91 0.00	75.97 7.96 0.00	65.52 6.71 0.00	55.61 4.78 0.00	48.55 4.29 0.00
COLONIE_LFGE___ 323577	47.02 0.87 0.00	43.19 1.01 0.00	37.31 0.94 0.00	35.41 0.93 0.00	35.42 0.96 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.86 0.88 0.00	40.14 0.59 0.00	39.86 0.35 0.00	41.90 0.25 0.00	43.80 0.04 0.18	47.24 0.05 0.28	51.02 0.20 0.14	54.94 0.22 0.00	62.35 0.31 0.00	72.21 0.92 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.96 0.95 0.00	59.58 0.76 0.00	51.69 0.86 0.00	44.96 0.71 0.00
COOPERNY_115KV_TB1 80082	46.75 0.60 0.00	42.73 0.55 0.00	36.95 0.58 0.00	34.96 0.48 0.00	34.97 0.52 0.00	36.97 0.55 0.00	42.86 0.63 0.00	44.45 0.61 0.00	42.73 0.76 0.00	40.30 0.75 0.00	40.26 0.75 0.00	42.31 0.67 0.00	44.59 0.57 -0.09	48.19 0.57 -0.14	51.74 0.71 -0.07	55.43 0.71 0.00	62.79 0.74 0.00	72.29 1.00 0.00	76.25 0.75 0.00	76.87 0.69 0.00	68.49 0.48 0.00	58.94 0.12 0.00	51.24 0.41 0.00	44.61 0.35 0.00
COPENHAGEN_WT_PWR 323753	48.55 2.40 0.00	43.87 1.69 0.00	37.61 1.24 0.00	35.44 0.96 0.00	35.35 0.89 0.00	37.59 1.17 0.00	43.75 1.52 0.00	45.60 1.76 0.00	43.45 1.47 0.00	40.65 1.11 0.00	40.85 1.34 0.00	43.07 1.42 0.00	45.29 1.36 0.00	49.04 1.56 0.00	52.38 1.42 0.00	56.31 1.59 0.00	64.03 1.98 0.00	73.85 2.56 0.00	79.04 3.55 0.00	80.67 4.49 0.00	72.30 4.29 0.00	62.47 3.65 0.00	53.62 2.79 0.00	46.25 1.99 0.00
CORNELL_____ 23752	47.39 1.25 0.00	42.98 0.80 0.00	36.92 0.55 0.00	34.99 0.52 0.00	34.94 0.48 0.00	37.08 0.66 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.69 0.71 0.00	40.22 0.67 0.00	40.34 0.83 0.00	42.65 1.00 0.00	45.16 1.23 0.00	48.90 1.42 0.00	52.43 1.48 0.00	56.58 1.86 0.00	64.34 2.30 0.00	73.78 2.50 0.00	78.36 2.87 0.00	79.53 3.35 0.00	71.07 3.06 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.72 1.46 0.00

CORONA_69_KV_TB1 355595	46.88 0.74 0.01	43.65 1.48 0.00	37.83 1.45 0.00	35.78 1.31 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.75 1.52 0.00	45.20 1.36 0.00	44.24 2.27 0.00	41.92 2.37 0.00	41.96 2.45 0.00	43.44 1.79 0.00	45.25 1.19 -0.14	48.64 1.19 0.02	52.18 1.38 0.15	55.31 1.20 0.62	62.60 1.30 0.74	72.99 1.71 0.01	76.17 1.13 0.45	75.96 0.91 1.13	66.72 0.54 1.84	57.54 -0.06 1.22	50.55 0.36 0.63	44.64 0.40 0.01
CORTLAND_115KV_TB3 80093	46.93 0.78 0.00	42.60 0.42 0.00	36.62 0.25 0.00	34.72 0.24 0.00	34.66 0.21 0.00	36.75 0.33 0.00	42.65 0.42 0.00	44.37 0.53 0.00	42.40 0.42 0.00	39.94 0.40 0.00	40.06 0.55 0.00	42.36 0.71 0.00	44.81 0.88 0.00	48.47 1.00 0.00	51.98 1.02 0.00	56.03 1.31 0.00	63.66 1.61 0.00	73.00 1.71 0.00	77.30 1.81 0.00	78.39 2.21 0.00	70.05 2.04 0.00	60.41 1.59 0.00	51.95 1.12 0.00	45.14 0.89 0.00
COXSACKIE___GT 23611	47.76 1.61 0.00	43.65 1.48 0.00	37.68 1.31 0.00	35.78 1.31 0.00	35.80 1.34 0.00	37.70 1.27 0.00	43.79 1.56 0.00	45.20 1.36 0.00	42.98 1.01 0.00	39.94 0.40 0.00	39.55 0.04 0.00	41.52 -0.12 0.00	44.19 0.31 0.05	47.78 0.38 0.08	51.68 0.77 0.04	55.21 0.49 0.00	62.73 0.68 0.00	73.07 1.78 0.00	78.06 2.57 0.00	79.07 2.89 0.00	70.73 2.72 0.00	61.17 2.36 0.00	52.92 2.08 0.00	45.85 1.59 0.00
CPV_VALLEY___CC1 323721	46.56 0.41 0.00	42.69 0.51 0.00	36.95 0.58 0.00	34.96 0.48 0.00	34.97 0.52 0.00	36.94 0.51 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.69 0.71 0.00	40.34 0.79 0.00	40.22 0.71 0.00	42.19 0.54 0.00	44.48 0.44 -0.11	48.09 0.43 -0.18	51.61 0.56 -0.09	55.16 0.44 0.00	62.48 0.44 0.00	72.00 0.71 0.00	75.87 0.38 0.00	76.33 0.15 0.00	68.01 0.00 0.00	58.53 -0.29 0.00	50.93 0.10 0.00	44.30 0.04 0.00
CPV_VALLEY___CC2 323722	46.56 0.41 0.00	42.69 0.51 0.00	36.95 0.58 0.00	34.96 0.48 0.00	34.97 0.52 0.00	36.94 0.51 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.69 0.71 0.00	40.34 0.79 0.00	40.22 0.71 0.00	42.19 0.54 0.00	44.48 0.44 -0.11	48.09 0.43 -0.18	51.61 0.56 -0.09	55.16 0.44 0.00	62.48 0.44 0.00	72.00 0.71 0.00	75.87 0.38 0.00	76.33 0.15 0.00	68.01 0.00 0.00	58.53 -0.29 0.00	50.93 0.10 0.00	44.30 0.04 0.00
CRESCENT___HYD 24018	47.02 0.87 0.00	43.19 1.01 0.00	37.31 0.94 0.00	35.41 0.93 0.00	35.42 0.96 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.86 0.88 0.00	40.14 0.59 0.00	39.86 0.35 0.00	41.90 0.25 0.00	43.80 0.04 0.18	47.24 0.05 0.28	51.02 0.20 0.14	54.94 0.22 0.00	62.35 0.31 0.00	72.21 0.92 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.96 0.95 0.00	59.58 0.76 0.00	51.69 0.86 0.00	44.96 0.71 0.00
CRICKET___VALLEY_CC1 323756	46.61 0.46 0.00	42.85 0.67 0.00	37.10 0.73 0.00	35.10 0.62 0.00	35.15 0.69 0.00	37.12 0.69 0.00	42.99 0.76 0.00	44.59 0.74 0.00	42.86 0.88 0.00	40.29 0.75 0.00	40.06 0.55 0.00	41.98 0.33 0.00	42.16 0.13 1.90	44.49 0.10 3.08	49.68 0.20 1.48	54.77 0.05 0.00	62.04 0.00 0.00	71.79 0.50 0.00	75.72 0.23 0.00	76.10 -0.08 0.00	67.81 -0.20 0.00	58.35 -0.47 0.00	50.88 0.05 0.00	44.30 0.04 0.00
CRICKET___VALLEY_CC2 323757	46.61 0.46 0.00	42.85 0.67 0.00	37.10 0.73 0.00	35.10 0.62 0.00	35.15 0.69 0.00	37.12 0.69 0.00	42.99 0.76 0.00	44.59 0.74 0.00	42.86 0.88 0.00	40.29 0.75 0.00	40.06 0.55 0.00	41.98 0.33 0.00	42.16 0.13 1.90	44.49 0.10 3.08	49.68 0.20 1.48	54.77 0.05 0.00	62.04 0.00 0.00	71.79 0.50 0.00	75.72 0.23 0.00	76.10 -0.08 0.00	67.81 -0.20 0.00	58.35 -0.47 0.00	50.88 0.05 0.00	44.30 0.04 0.00
CRICKET___VALLEY_CC3 323758	46.61 0.46 0.00	42.85 0.67 0.00	37.10 0.73 0.00	35.10 0.62 0.00	35.15 0.69 0.00	37.12 0.69 0.00	42.99 0.76 0.00	44.59 0.74 0.00	42.86 0.88 0.00	40.29 0.75 0.00	40.06 0.55 0.00	41.98 0.33 0.00	42.16 0.13 1.90	44.49 0.10 3.08	49.68 0.20 1.48	54.77 0.05 0.00	62.04 0.00 0.00	71.79 0.50 0.00	75.72 0.23 0.00	76.10 -0.08 0.00	67.81 -0.20 0.00	58.35 -0.47 0.00	50.88 0.05 0.00	44.30 0.04 0.00
CRUCIBLE_METL_DRP 24180	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
DAHOWA___HYDRO 323763	47.63 1.48 0.00	43.69 1.52 0.00	37.75 1.38 0.00	35.78 1.31 0.00	35.84 1.38 0.00	37.92 1.49 0.00	43.79 1.56 0.00	45.29 1.44 0.00	43.07 1.09 0.00	40.29 0.75 0.00	39.82 0.31 0.00	41.94 0.29 0.00	43.83 0.04 0.14	47.25 0.00 0.23	51.10 0.26 0.11	55.16 0.44 0.00	62.66 0.62 0.00	72.57 1.28 0.00	77.68 2.19 0.00	78.46 2.28 0.00	70.53 2.52 0.00	61.00 2.18 0.00	52.71 1.88 0.00	45.76 1.51 0.00
DANC___LFGE 323619	47.44 1.29 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.82 0.34 0.00	34.73 0.27 0.00	36.90 0.47 0.00	42.90 0.67 0.00	44.67 0.83 0.00	42.61 0.63 0.00	39.98 0.44 0.00	40.14 0.63 0.00	42.36 0.71 0.00	44.63 0.70 0.00	48.28 0.81 0.00	51.62 0.66 0.00	55.38 0.66 0.00	62.98 0.93 0.00	72.50 1.21 0.00	77.30 1.81 0.00	78.69 2.51 0.00	70.39 2.38 0.00	60.82 2.00 0.00	52.41 1.58 0.00	45.32 1.06 0.00
DANSKAMMER___1 23586	47.44 1.29 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.24 1.40 0.00	43.49 1.51 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.53 1.48 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.85 1.67 0.00	69.37 1.36 0.00	59.58 0.76 0.00	51.90 1.07 0.00	45.09 0.84 0.00
DANSKAMMER___2 23589	47.44 1.29 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.24 1.40 0.00	43.49 1.51 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.53 1.48 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.85 1.67 0.00	69.37 1.36 0.00	59.58 0.76 0.00	51.90 1.07 0.00	45.09 0.84 0.00
DANSKAMMER___3 23590	47.44 1.29 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.24 1.40 0.00	43.49 1.51 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.53 1.48 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.85 1.67 0.00	69.37 1.36 0.00	59.58 0.76 0.00	51.90 1.07 0.00	45.09 0.84 0.00

DANSKAMMER___4 23591	47.44 1.29 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.24 1.40 0.00	43.49 1.51 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.53 1.48 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.85 1.67 0.00	69.37 1.36 0.00	59.58 0.76 0.00	51.90 1.07 0.00	45.09 0.84 0.00
DANSKAMMER___DIESEL 23592	47.49 1.34 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.66 1.44 0.00	45.24 1.40 0.00	43.53 1.55 0.00	40.97 1.42 0.00	40.85 1.34 0.00	42.86 1.21 0.00	45.19 1.14 -0.12	48.90 1.23 -0.19	52.58 1.53 -0.09	56.20 1.48 0.00	63.53 1.49 0.00	73.43 2.14 0.00	77.38 1.89 0.00	77.86 1.68 0.00	69.37 1.36 0.00	59.58 0.76 0.00	52.00 1.17 0.00	45.23 0.97 0.00
DARBY___SOLAR 323810	47.49 1.34 0.00	43.57 1.39 0.00	37.64 1.27 0.00	35.68 1.21 0.00	35.73 1.28 0.00	37.78 1.35 0.00	43.66 1.44 0.00	45.15 1.31 0.00	42.98 1.01 0.00	40.22 0.67 0.00	39.79 0.28 0.00	41.86 0.21 0.00	43.74 -0.04 0.15	47.19 -0.05 0.24	50.99 0.15 0.12	55.05 0.33 0.00	62.54 0.49 0.00	72.50 1.21 0.00	77.45 1.96 0.00	78.24 2.06 0.00	70.19 2.18 0.00	60.70 1.88 0.00	52.51 1.67 0.00	45.58 1.33 0.00
DASHVILLE___HYD 23610	46.89 0.74 0.00	42.90 0.72 0.00	37.10 0.73 0.00	35.09 0.62 0.00	35.08 0.62 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.54 0.70 0.00	42.82 0.84 0.00	40.30 0.75 0.00	40.18 0.67 0.00	42.15 0.50 0.00	44.88 0.88 -0.07	48.54 0.95 -0.12	52.18 1.17 -0.06	55.21 0.49 0.00	62.54 0.50 0.00	72.36 1.07 0.00	76.17 0.68 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.76 -0.06 0.00	51.29 0.46 0.00	44.65 0.40 0.00
DELAWARE___LFGE 323621	47.21 1.06 0.00	43.06 0.89 0.00	37.13 0.76 0.00	35.20 0.72 0.00	35.18 0.72 0.00	37.19 0.76 0.00	43.16 0.93 0.00	44.81 0.96 0.00	42.90 0.92 0.00	40.38 0.83 0.00	40.42 0.91 0.00	42.56 0.92 0.00	44.81 0.88 0.00	48.47 1.00 0.00	52.08 1.12 0.00	56.03 1.31 0.00	63.59 1.55 0.00	73.00 1.71 0.00	77.30 1.81 0.00	78.08 1.90 0.00	69.71 1.70 0.00	60.11 1.29 0.00	52.00 1.17 0.00	45.23 0.97 0.00
DERFIELD_115KV_TB7 355931	46.15 0.00 0.00	42.18 0.00 0.00	36.37 0.00 0.00	34.47 0.00 0.00	34.46 0.00 0.00	36.43 0.00 0.00	42.23 0.00 0.00	43.84 0.00 0.00	41.98 0.00 0.00	39.51 -0.04 0.00	39.47 -0.04 0.00	41.61 -0.04 0.00	43.84 -0.09 0.00	47.38 -0.09 0.00	50.85 -0.10 0.00	54.61 -0.11 0.00	61.98 -0.06 0.00	71.29 0.00 0.00	75.49 0.00 0.00	76.10 -0.08 0.00	68.01 0.00 0.00	58.70 -0.12 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
DOGLEVILLE___HYD 23807	45.09 -1.06 0.00	41.25 -0.93 0.00	35.57 -0.80 0.00	33.72 -0.76 0.00	33.70 -0.76 0.00	35.66 -0.76 0.00	41.34 -0.89 0.00	42.96 -0.88 0.00	41.14 -0.84 0.00	38.64 -0.91 0.00	38.64 -0.87 0.00	40.69 -0.96 0.00	42.83 -1.10 0.00	46.29 -1.19 0.00	49.73 -1.22 0.00	53.41 -1.31 0.00	60.62 -1.43 0.00	69.79 -1.50 0.00	73.98 -1.51 0.00	74.50 -1.68 0.00	66.51 -1.50 0.00	57.41 -1.41 0.00	49.61 -1.22 0.00	43.15 -1.11 0.00
DUNKIRK___115KV_TB_200 55889	49.06 2.91 0.00	43.53 1.35 0.00	37.28 0.91 0.00	35.37 0.90 0.00	35.01 0.55 0.00	37.59 1.17 0.00	43.33 1.10 0.00	45.07 1.23 0.00	42.82 0.84 0.00	41.36 1.82 0.00	42.31 2.81 0.00	45.61 3.96 0.00	49.16 5.23 0.00	53.32 5.84 0.00	56.82 5.86 0.00	61.45 6.73 0.00	69.36 7.32 0.00	77.42 6.13 0.00	81.68 6.19 0.00	83.42 7.24 0.00	74.68 6.67 0.00	64.52 5.71 0.00	54.85 4.02 0.00	47.75 3.50 0.00
DUNKIRK___1 23563	49.06 2.91 0.00	43.53 1.35 0.00	37.28 0.91 0.00	35.37 0.90 0.00	35.01 0.55 0.00	37.59 1.17 0.00	43.33 1.10 0.00	45.07 1.23 0.00	42.82 0.84 0.00	41.36 1.82 0.00	42.31 2.81 0.00	45.61 3.96 0.00	49.16 5.23 0.00	53.32 5.84 0.00	56.82 5.86 0.00	61.45 6.73 0.00	69.36 7.32 0.00	77.42 6.13 0.00	81.68 6.19 0.00	83.42 7.24 0.00	74.68 6.67 0.00	64.52 5.71 0.00	54.85 4.02 0.00	47.75 3.50 0.00
DUNKIRK___2 23564	49.06 2.91 0.00	43.53 1.35 0.00	37.28 0.91 0.00	35.37 0.90 0.00	35.01 0.55 0.00	37.59 1.17 0.00	43.33 1.10 0.00	45.07 1.23 0.00	42.82 0.84 0.00	41.36 1.82 0.00	42.31 2.81 0.00	45.61 3.96 0.00	49.16 5.23 0.00	53.32 5.84 0.00	56.82 5.86 0.00	61.45 6.73 0.00	69.36 7.32 0.00	77.42 6.13 0.00	81.68 6.19 0.00	83.42 7.24 0.00	74.68 6.67 0.00	64.52 5.71 0.00	54.85 4.02 0.00	47.75 3.50 0.00
DUNKIRK___3 23565	48.92 2.77 0.00	43.49 1.31 0.00	37.24 0.87 0.00	35.34 0.86 0.00	34.97 0.52 0.00	37.52 1.09 0.00	43.24 1.01 0.00	44.98 1.14 0.00	42.73 0.76 0.00	41.25 1.70 0.00	42.16 2.65 0.00	45.40 3.75 0.00	48.89 4.96 0.00	53.03 5.55 0.00	56.51 5.55 0.00	61.01 6.29 0.00	68.87 6.82 0.00	76.78 5.49 0.00	81.00 5.51 0.00	82.73 6.55 0.00	74.00 5.98 0.00	63.99 5.18 0.00	54.49 3.66 0.00	47.53 3.27 0.00
DUNKIRK___4 23566	48.92 2.77 0.00	43.49 1.31 0.00	37.24 0.87 0.00	35.34 0.86 0.00	34.97 0.52 0.00	37.52 1.09 0.00	43.24 1.01 0.00	44.98 1.14 0.00	42.73 0.76 0.00	41.25 1.70 0.00	42.16 2.65 0.00	45.40 3.75 0.00	48.89 4.96 0.00	53.03 5.55 0.00	56.51 5.55 0.00	61.01 6.29 0.00	68.87 6.82 0.00	76.78 5.49 0.00	81.00 5.51 0.00	82.73 6.55 0.00	74.00 5.98 0.00	63.99 5.18 0.00	54.49 3.66 0.00	47.53 3.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.35 1.20 0.00	43.40 1.22 0.00	37.53 1.16 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.32 1.78 0.00	41.21 1.70 0.00	43.19 1.54 0.00	45.48 1.41 -0.15	49.14 1.42 -0.24	52.70 1.63 -0.12	56.20 1.48 0.00	63.53 1.49 0.00	73.29 2.00 0.00	77.00 1.51 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.70 0.86 0.00	45.10 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.16 1.02 0.00	43.19 1.01 0.00	37.35 0.98 0.00	35.34 0.86 0.00	35.32 0.86 0.00	37.34 0.91 0.00	43.37 1.14 0.00	44.94 1.10 0.00	43.24 1.26 0.00	40.73 1.19 0.00	40.65 1.15 0.00	42.65 1.00 0.00	44.92 0.88 -0.12	48.62 0.95 -0.19	52.22 1.17 -0.09	55.81 1.09 0.00	63.16 1.12 0.00	72.93 1.64 0.00	76.77 1.28 0.00	77.32 1.14 0.00	68.83 0.82 0.00	59.17 0.35 0.00	51.59 0.76 0.00	44.96 0.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.81 1.66 0.00	43.78 1.60 0.00	37.90 1.53 0.00	35.82 1.34 0.00	35.80 1.34 0.00	37.88 1.46 0.00	43.71 1.48 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.56 2.02 0.00	41.56 2.05 0.00	43.52 1.87 0.00	45.83 1.76 -0.15	49.48 1.76 -0.24	52.86 1.78 -0.12	56.14 1.42 0.00	63.10 1.05 0.00	72.79 1.50 0.00	76.47 0.98 0.00	76.87 0.69 0.00	68.42 0.41 0.00	58.64 -0.18 0.00	52.10 1.27 0.00	45.54 1.28 0.00

E179THST_13_KV_LOAD 356214	48.09 1.94 0.00	44.03 1.86 0.00	38.08 1.71 0.00	35.99 1.52 0.00	35.94 1.48 0.00	38.07 1.64 0.00	43.96 1.73 0.00	45.42 1.58 0.00	43.82 1.85 0.00	41.84 2.29 0.00	41.80 2.29 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.76 2.04 -0.24	53.21 2.14 -0.12	56.53 1.81 0.00	63.53 1.49 0.00	73.29 2.00 0.00	77.00 1.51 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.05 0.24 0.00	52.46 1.63 0.00	45.80 1.55 0.00
EAST HAMPTON___GT 23717	47.71 1.57 0.01	45.13 2.95 0.00	39.46 3.09 0.00	37.27 2.79 0.00	37.04 2.59 0.00	39.05 2.62 0.00	44.85 2.62 0.00	46.34 2.50 0.00	45.92 3.94 0.00	43.97 4.43 0.00	43.02 3.51 0.00	44.73 3.08 0.00	45.92 1.89 -0.11	47.78 2.70 2.40	51.52 3.11 2.55	51.80 3.28 6.20	58.15 3.60 7.49	76.06 4.78 0.01	74.95 4.07 4.62	68.26 3.51 11.42	52.28 2.86 18.59	47.94 1.76 12.64	45.92 1.63 6.54	44.72 0.53 0.07
EAST RIVER___6 23660	47.40 1.25 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.15 1.66 0.00	77.55 1.37 0.00	68.96 0.95 0.00	59.17 0.36 0.00	51.79 0.96 0.00	45.05 0.80 0.00
EAST RIVER___7 23524	47.40 1.25 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.15 1.66 0.00	77.55 1.37 0.00	68.96 0.95 0.00	59.17 0.36 0.00	51.79 0.96 0.00	45.05 0.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.26 1.11 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.42 0.96 0.00	37.48 1.06 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.06 1.42 0.00	45.31 1.23 -0.15	49.00 1.28 -0.24	52.55 1.48 -0.12	56.03 1.31 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.05 0.24 0.00	51.59 0.76 0.00	45.01 0.75 0.00
EAST_HAMPTON___DIESEL 23722	47.76 1.61 0.01	45.17 2.99 0.00	39.46 3.09 0.00	37.27 2.79 0.00	37.04 2.59 0.00	39.08 2.66 0.00	44.85 2.62 0.00	46.34 2.50 0.00	45.92 3.94 0.00	43.97 4.43 0.00	43.02 3.51 0.00	44.73 3.08 0.00	45.92 1.89 -0.11	47.78 2.70 2.40	51.52 3.11 2.55	51.80 3.28 6.20	58.15 3.60 7.49	76.06 4.78 0.01	74.95 4.07 4.62	68.26 3.51 11.42	52.28 2.86 18.59	47.88 1.71 12.64	45.92 1.63 6.54	44.72 0.53 0.07
EAST_POINT___SOLAR 323840	49.89 3.74 0.00	45.55 3.38 0.00	39.21 2.84 0.00	37.16 2.69 0.00	37.18 2.72 0.00	39.52 3.09 0.00	45.35 3.12 0.00	45.72 1.88 0.00	42.90 0.92 0.00	39.78 0.24 0.00	39.59 0.08 0.00	41.36 -0.29 0.00	43.27 -0.57 0.08	46.72 -0.62 0.14	50.99 0.10 0.07	55.21 0.49 0.00	62.73 0.68 0.00	72.93 1.64 0.00	79.72 4.22 0.00	82.43 6.25 0.00	74.81 6.80 0.00	64.70 5.88 0.00	55.61 4.78 0.00	48.15 3.90 0.00
EAST_PULASKI___ESR 323781	46.33 0.19 0.00	42.09 -0.08 0.00	36.19 -0.18 0.00	34.23 -0.24 0.00	34.18 -0.28 0.00	36.28 -0.15 0.00	42.10 -0.13 0.00	43.80 -0.04 0.00	41.85 -0.13 0.00	39.35 -0.20 0.00	39.47 -0.04 0.00	41.69 0.04 0.00	44.02 0.09 0.00	47.62 0.14 0.00	50.96 0.00 0.00	54.56 -0.16 0.00	61.92 -0.12 0.00	71.22 -0.07 0.00	75.64 0.15 0.00	76.64 0.46 0.00	68.55 0.54 0.00	59.23 0.41 0.00	51.29 0.46 0.00	44.43 0.18 0.00
EAST_RIVER___1 323558	47.44 1.29 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.54 1.07 0.00	35.56 1.10 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.64 2.09 0.00	41.48 1.97 0.00	43.48 1.83 0.00	45.79 1.71 -0.15	49.52 1.80 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.23 1.74 0.00	77.62 1.44 0.00	69.03 1.02 0.00	59.17 0.36 0.00	51.79 0.96 0.00	45.09 0.84 0.00
EAST_RIVER___2 323559	47.40 1.25 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.60 2.06 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.15 1.66 0.00	77.55 1.37 0.00	68.96 0.95 0.00	59.17 0.36 0.00	51.79 0.96 0.00	45.05 0.80 0.00
EAST___DELAWARE_HYD 23607	47.12 0.97 0.00	43.07 0.89 0.00	37.24 0.87 0.00	35.20 0.73 0.00	35.18 0.72 0.00	37.16 0.73 0.00	43.20 0.97 0.00	44.80 0.96 0.00	43.07 1.09 0.00	40.53 0.99 0.00	40.45 0.95 0.00	42.48 0.83 0.00	44.81 0.79 -0.09	48.53 0.90 -0.15	52.15 1.12 -0.07	55.87 1.15 0.00	63.28 1.24 0.00	73.21 1.93 0.00	77.30 1.81 0.00	77.85 1.67 0.00	69.30 1.29 0.00	59.53 0.71 0.00	51.75 0.92 0.00	44.92 0.66 0.00
EIGHT_POINT___WT_PWR 323820	48.32 2.17 0.00	43.19 1.01 0.00	36.99 0.62 0.00	35.10 0.62 0.00	34.87 0.41 0.00	37.37 0.95 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.57 0.59 0.00	40.46 0.91 0.00	41.09 1.58 0.00	44.11 2.46 0.00	47.26 3.34 0.00	51.18 3.71 0.00	54.78 3.82 0.00	59.15 4.43 0.00	67.01 4.97 0.00	75.64 4.35 0.00	80.17 4.68 0.00	82.13 5.95 0.00	73.45 5.44 0.00	63.29 4.47 0.00	54.24 3.41 0.00	47.35 3.10 0.00
ELBRIDGE_115KV_TB2 80188	46.01 -0.14 0.00	41.84 -0.34 0.00	36.01 -0.36 0.00	34.09 -0.38 0.00	34.04 -0.41 0.00	36.10 -0.33 0.00	41.89 -0.34 0.00	43.58 -0.26 0.00	41.64 -0.34 0.00	39.31 -0.24 0.00	39.43 -0.08 0.00	41.69 0.04 0.00	44.15 0.22 0.00	47.76 0.28 0.00	51.21 0.25 0.00	55.10 0.38 0.00	62.54 0.50 0.00	71.65 0.36 0.00	75.87 0.38 0.00	76.71 0.53 0.00	68.55 0.54 0.00	59.17 0.35 0.00	50.93 0.10 0.00	44.30 0.04 0.00
ELEC_TRO_TEK 24086	46.56 0.42 0.01	43.36 1.18 0.00	37.61 1.24 0.00	35.58 1.10 0.00	35.42 0.96 0.00	37.52 1.09 0.00	43.49 1.27 0.00	44.98 1.14 0.00	43.99 2.01 0.00	41.68 2.14 0.00	41.68 2.17 0.00	43.11 1.46 0.00	44.90 0.83 -0.14	47.95 0.85 0.38	51.46 1.02 0.51	54.03 0.77 1.45	61.03 0.74 1.76	72.35 1.07 0.01	74.86 0.45 1.08	73.73 0.23 2.68	63.59 -0.07 4.35	55.34 -0.53 2.95	49.30 0.00 1.53	44.32 0.09 0.02
ELLENBURG_WT_PWR 323604	46.38 0.23 0.00	42.48 0.30 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.86 0.31 0.00	39.79 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.57 0.10 0.00	50.96 0.00 0.00	54.72 0.00 0.00	62.11 0.06 0.00	71.58 0.29 0.00	76.09 0.60 0.00	76.86 0.68 0.00	68.49 0.48 0.00	59.58 0.76 0.00	51.29 0.46 0.00	44.96 0.71 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.69 2.54 0.00	43.36 1.18 0.00	37.17 0.80 0.00	35.27 0.79 0.00	34.87 0.41 0.00	37.37 0.95 0.00	43.03 0.80 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.92 2.41 0.00	45.15 3.50 0.00	48.58 4.66 0.00	52.60 5.13 0.00	56.00 5.04 0.00	60.19 5.47 0.00	68.00 5.96 0.00	75.64 4.35 0.00	79.79 4.30 0.00	81.36 5.18 0.00	72.91 4.90 0.00	63.23 4.41 0.00	53.93 3.10 0.00	47.13 2.88 0.00
EMPIRE_CC_1 323656	46.15 0.00 0.00	42.39 0.21 0.00	36.73 0.36 0.00	34.89 0.42 0.00	34.90 0.45 0.00	36.79 0.36 0.00	42.56 0.34 0.00	44.06 0.22 0.00	42.19 0.21 0.00	39.58 0.04 0.00	39.27 -0.24 0.00	41.23 -0.42 0.00	43.04 -0.66 0.23	46.40 -0.71 0.37	50.12 -0.66 0.18	53.90 -0.82 0.00	61.05 -1.00 0.00	70.79 -0.50 0.00	74.88 -0.61 0.00	75.42 -0.76 0.00	67.33 -0.68 0.00	58.12 -0.70 0.00	50.53 -0.30 0.00	43.99 -0.26 0.00
EMPIRE_CC_2 323658	46.15 0.00 0.00	42.39 0.21 0.00	36.73 0.36 0.00	34.89 0.42 0.00	34.90 0.45 0.00	36.79 0.36 0.00	42.56 0.34 0.00	44.06 0.22 0.00	42.19 0.21 0.00	39.58 0.04 0.00	39.27 -0.24 0.00	41.23 -0.42 0.00	43.04 -0.66 0.23	46.40 -0.71 0.37	50.12 -0.66 0.18	53.90 -0.82 0.00	61.05 -1.00 0.00	70.79 -0.50 0.00	74.88 -0.61 0.00	75.42 -0.76 0.00	67.33 -0.68 0.00	58.12 -0.70 0.00	50.53 -0.30 0.00	43.99 -0.26 0.00
ENORWICH_115KV_TB1 80156	49.56 3.42 0.00	44.88 2.70 0.00	38.55 2.18 0.00	36.40 1.93 0.00	36.32 1.86 0.00	38.69 2.26 0.00	45.06 2.83 0.00	46.95 3.11 0.00	44.62 2.64 0.00	41.60 2.06 0.00	41.88 2.37 0.00	44.31 2.67 0.00	46.74 2.81 0.00	50.71 3.23 0.00	54.42 3.47 0.00	58.93 4.21 0.00	67.19 5.15 0.00	77.49 6.20 0.00	82.59 7.10 0.00	84.03 7.85 0.00	75.29 7.28 0.00	64.70 5.88 0.00	55.35 4.52 0.00	47.80 3.54 0.00
ERIE_ST__34_KV_TB1-2 80199	49.75 3.60 0.00	44.16 1.98 0.00	37.86 1.49 0.00	35.89 1.41 0.00	35.46 1.00 0.00	38.07 1.64 0.00	43.87 1.65 0.00	45.73 1.89 0.00	43.45 1.47 0.00	42.00 2.45 0.00	42.98 3.48 0.00	46.35 4.71 0.00	49.99 6.06 0.00	54.22 6.74 0.00	57.73 6.78 0.00	61.40 6.68 0.00	69.49 7.45 0.00	77.28 5.99 0.00	81.53 6.04 0.00	83.11 6.93 0.00	74.27 6.26 0.00	64.17 5.35 0.00	54.69 3.86 0.00	47.75 3.50 0.00
ERIE_WT_PWR 323693	49.15 3.00 0.00	43.69 1.52 0.00	37.46 1.09 0.00	35.58 1.10 0.00	35.11 0.65 0.00	37.67 1.24 0.00	43.37 1.14 0.00	45.11 1.27 0.00	42.98 1.01 0.00	41.28 1.74 0.00	42.31 2.81 0.00	45.73 4.08 0.00	49.15 5.22 0.00	53.22 5.74 0.00	56.71 5.76 0.00	60.74 6.02 0.00	68.62 6.57 0.00	76.35 5.06 0.00	80.55 5.06 0.00	82.20 6.02 0.00	73.65 5.64 0.00	63.76 4.94 0.00	54.59 3.76 0.00	47.84 3.58 0.00
ESPRGFLD_115KV_TB1 80157	49.19 3.05 0.00	44.79 2.62 0.00	38.55 2.18 0.00	36.51 2.03 0.00	36.49 2.03 0.00	38.72 2.29 0.00	44.89 2.66 0.00	46.34 2.50 0.00	44.03 2.06 0.00	41.21 1.66 0.00	41.25 1.74 0.00	43.40 1.75 0.00	45.63 1.76 0.05	49.34 1.95 0.08	53.21 2.29 0.04	57.46 2.74 0.00	65.39 3.35 0.00	75.35 4.06 0.00	80.62 5.13 0.00	81.97 5.79 0.00	73.52 5.51 0.00	63.41 4.59 0.00	54.59 3.76 0.00	47.31 3.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.30 1.15 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.92 0.45 0.00	34.87 0.41 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.72 0.88 0.00	42.65 0.67 0.00	40.14 0.59 0.00	40.26 0.75 0.00	42.61 0.96 0.00	45.07 1.14 0.00	48.81 1.33 0.00	52.33 1.38 0.00	56.47 1.75 0.00	64.21 2.17 0.00	73.64 2.35 0.00	78.13 2.64 0.00	79.30 3.12 0.00	70.94 2.92 0.00	61.11 2.29 0.00	52.51 1.68 0.00	45.63 1.37 0.00
ETNA____115KV_TB2 80207	47.30 1.15 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.92 0.45 0.00	34.87 0.41 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.72 0.88 0.00	42.65 0.67 0.00	40.14 0.59 0.00	40.26 0.75 0.00	42.61 0.96 0.00	45.07 1.14 0.00	48.81 1.33 0.00	52.33 1.38 0.00	56.47 1.75 0.00	64.21 2.17 0.00	73.64 2.35 0.00	78.13 2.64 0.00	79.30 3.12 0.00	70.94 2.92 0.00	61.11 2.29 0.00	52.51 1.68 0.00	45.63 1.37 0.00
EUCLID___115KV_TB2 356179	45.64 -0.51 0.00	41.50 -0.67 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.65 0.00	35.84 -0.58 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.35 -0.63 0.00	38.99 -0.55 0.00	39.11 -0.40 0.00	41.36 -0.29 0.00	43.75 -0.18 0.00	47.33 -0.14 0.00	50.75 -0.20 0.00	54.61 -0.11 0.00	61.92 -0.12 0.00	71.00 -0.29 0.00	75.11 -0.38 0.00	75.87 -0.30 0.00	67.87 -0.14 0.00	58.58 -0.24 0.00	50.42 -0.41 0.00	43.86 -0.40 0.00
E_CANADA_CAP_HY 24051	49.89 3.74 0.00	45.51 3.33 0.00	39.21 2.84 0.00	37.16 2.69 0.00	37.15 2.69 0.00	39.45 3.02 0.00	45.56 3.34 0.00	46.69 2.85 0.00	44.08 2.10 0.00	41.01 1.46 0.00	40.81 1.30 0.00	42.86 1.21 0.00	44.95 1.10 0.08	48.59 1.23 0.12	52.63 1.73 0.06	56.91 2.19 0.00	64.77 2.73 0.00	75.14 3.85 0.00	81.08 5.59 0.00	82.80 6.62 0.00	74.61 6.60 0.00	64.47 5.65 0.00	55.46 4.63 0.00	48.06 3.81 0.00
E_CANADA_MHWK_HY 24050	45.09 -1.06 0.00	41.25 -0.93 0.00	35.57 -0.80 0.00	33.72 -0.76 0.00	33.70 -0.76 0.00	35.66 -0.77 0.00	41.34 -0.89 0.00	42.96 -0.88 0.00	41.14 -0.84 0.00	38.64 -0.91 0.00	38.64 -0.87 0.00	40.69 -0.96 0.00	42.83 -1.10 0.00	46.29 -1.19 0.00	49.73 -1.22 0.00	53.41 -1.31 0.00	60.62 -1.42 0.00	69.79 -1.50 0.00	73.90 -1.59 0.00	74.50 -1.68 0.00	66.51 -1.50 0.00	57.41 -1.41 0.00	49.61 -1.22 0.00	43.10 -1.15 0.00
E_FISHKILL___LBMP 23776	46.98 0.83 0.00	43.06 0.89 0.00	37.28 0.91 0.00	35.27 0.79 0.00	35.25 0.79 0.00	37.26 0.84 0.00	43.24 1.01 0.00	44.85 1.01 0.00	43.20 1.22 0.00	40.73 1.19 0.00	40.57 1.07 0.00	42.61 0.96 0.00	44.83 0.75 -0.15	48.49 0.76 -0.25	51.99 0.92 -0.12	55.49 0.77 0.00	62.79 0.74 0.00	72.50 1.21 0.00	76.32 0.83 0.00	76.71 0.53 0.00	68.35 0.34 0.00	58.76 -0.06 0.00	51.34 0.51 0.00	44.74 0.49 0.00
FALCON___SEABRD_CC1 323796	46.33 0.19 0.00	42.43 0.25 0.00	36.55 0.18 0.00	34.61 0.14 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.82 0.28 0.00	39.79 0.28 0.00	41.90 0.25 0.00	44.19 0.27 0.00	47.34 -0.14 0.00	50.65 -0.30 0.00	54.39 -0.33 0.00	61.73 -0.31 0.00	71.58 0.29 0.00	76.25 0.75 0.00	77.02 0.84 0.00	68.55 0.54 0.00	59.64 0.82 0.00	51.29 0.46 0.00	45.19 0.93 0.00
FALCON___SEABRD_CC2 323797	46.33 0.19 0.00	42.43 0.25 0.00	36.55 0.18 0.00	34.61 0.14 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.82 0.28 0.00	39.79 0.28 0.00	41.90 0.25 0.00	44.19 0.27 0.00	47.34 -0.14 0.00	50.65 -0.30 0.00	54.39 -0.33 0.00	61.73 -0.31 0.00	71.58 0.29 0.00	76.25 0.75 0.00	77.02 0.84 0.00	68.55 0.54 0.00	59.64 0.82 0.00	51.29 0.46 0.00	45.19 0.93 0.00

FAR ROCKAWAY___4 23548	47.25 1.11 0.01	43.99 1.81 0.00	38.12 1.75 0.00	36.06 1.59 0.00	35.87 1.41 0.00	37.99 1.57 0.00	44.04 1.82 0.00	45.51 1.67 0.00	44.58 2.60 0.00	42.27 2.73 0.00	42.35 2.84 0.00	43.90 2.25 0.00	45.74 1.67 -0.14	49.15 1.71 0.04	52.73 1.94 0.16	55.88 1.81 0.65	63.31 2.05 0.78	73.85 2.57 0.01	76.98 1.96 0.47	76.75 1.75 1.19	67.31 1.22 1.93	58.01 0.47 1.28	50.98 0.81 0.66	45.00 0.75 0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.64 2.10 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.06 1.99 -0.12	56.53 1.81 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.23 1.74 0.00	77.63 1.45 0.00	69.03 1.02 0.00	59.17 0.35 0.00	51.95 1.12 0.00	45.27 1.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.64 2.10 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.06 1.99 -0.12	56.53 1.81 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.63 1.45 0.00	69.10 1.09 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.64 2.10 0.00	41.48 1.98 0.00	43.52 1.87 0.00	45.79 1.71 -0.15	49.48 1.76 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.23 1.74 0.00	77.55 1.37 0.00	68.96 0.95 0.00	59.17 0.35 0.00	51.90 1.07 0.00	45.27 1.02 0.00
FARRAGUT___LBMP 323566	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.59 1.17 0.00	43.71 1.48 0.00	45.42 1.58 0.00	43.87 1.89 0.00	41.56 2.02 0.00	41.44 1.94 0.00	43.48 1.83 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.78 1.74 0.00	73.43 2.14 0.00	77.15 1.66 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.90 1.07 0.00	45.23 0.97 0.00
FENNER___WINDPWR 24204	47.21 1.06 0.00	42.94 0.76 0.00	36.92 0.55 0.00	34.92 0.45 0.00	34.87 0.41 0.00	36.97 0.55 0.00	42.95 0.72 0.00	44.67 0.83 0.00	42.73 0.76 0.00	40.14 0.59 0.00	40.26 0.75 0.00	42.52 0.88 0.00	44.85 0.92 0.00	48.57 1.09 0.00	52.08 1.12 0.00	56.09 1.37 0.00	63.72 1.68 0.00	73.21 1.93 0.00	77.68 2.19 0.00	78.69 2.51 0.00	70.39 2.38 0.00	60.64 1.83 0.00	52.20 1.37 0.00	45.27 1.02 0.00
FIBERTEK___ENERGY 23856	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
FITZPATRICK___ 23598	44.95 -1.20 0.00	40.95 -1.22 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.96 -1.27 0.00	42.57 -1.27 0.00	40.76 -1.22 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.48 -1.00 0.00	49.88 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.31 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.66 -1.17 0.00	43.19 -1.06 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.58 1.43 0.00	43.57 1.39 0.00	37.64 1.27 0.00	35.61 1.14 0.00	35.63 1.17 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.33 1.49 0.00	43.61 1.64 0.00	41.01 1.46 0.00	40.89 1.38 0.00	42.94 1.29 0.00	45.28 1.23 -0.12	49.00 1.33 -0.20	52.68 1.63 -0.09	56.31 1.59 0.00	63.66 1.61 0.00	73.64 2.35 0.00	77.53 2.04 0.00	78.01 1.83 0.00	69.51 1.50 0.00	59.70 0.88 0.00	52.10 1.27 0.00	45.32 1.06 0.00
FORT ORANGE___ 23900	46.24 0.09 0.00	42.39 0.21 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.02 0.18 0.00	42.15 0.17 0.00	39.51 -0.04 0.00	39.27 -0.24 0.00	41.23 -0.42 0.00	43.25 -0.57 0.11	46.73 -0.57 0.18	50.41 -0.46 0.09	54.12 -0.60 0.00	61.36 -0.68 0.00	71.01 -0.28 0.00	75.34 -0.15 0.00	75.95 -0.23 0.00	67.81 -0.20 0.00	58.58 -0.23 0.00	50.78 -0.05 0.00	44.17 -0.09 0.00
FORT_DRUM_COGEN 23780	48.83 2.68 0.00	44.08 1.90 0.00	37.75 1.38 0.00	35.58 1.10 0.00	35.49 1.03 0.00	37.74 1.31 0.00	43.92 1.69 0.00	45.77 1.93 0.00	43.61 1.64 0.00	40.85 1.30 0.00	41.01 1.50 0.00	43.23 1.58 0.00	45.42 1.49 0.00	49.19 1.71 0.00	52.59 1.63 0.00	56.53 1.81 0.00	64.28 2.23 0.00	74.14 2.85 0.00	79.42 3.93 0.00	81.13 4.95 0.00	72.64 4.62 0.00	62.82 4.00 0.00	53.83 3.00 0.00	46.42 2.17 0.00
FOX_HILLS___ESR 323835	47.95 1.80 0.00	43.91 1.73 0.00	37.93 1.56 0.00	35.82 1.34 0.00	35.77 1.31 0.00	37.88 1.46 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.68 2.17 0.00	43.73 2.08 0.00	46.10 2.02 -0.15	49.76 2.04 -0.24	52.91 1.83 -0.12	56.09 1.37 0.00	63.16 1.12 0.00	72.79 1.50 0.00	76.55 1.06 0.00	77.02 0.84 0.00	68.62 0.61 0.00	58.82 0.00 0.00	52.10 1.27 0.00	45.72 1.46 0.00
FPL_FAR_ROCK_GT1 24212	47.20 1.06 0.01	43.95 1.77 0.00	38.12 1.75 0.00	35.96 1.48 0.00	35.87 1.41 0.00	37.89 1.46 0.00	43.87 1.65 0.00	45.37 1.53 0.00	44.37 2.39 0.00	42.31 2.77 0.00	41.88 2.37 0.00	43.57 1.92 0.00	45.34 1.27 -0.14	49.15 1.71 0.04	52.73 1.94 0.16	55.88 1.80 0.65	63.31 2.04 0.78	73.85 2.56 0.01	77.06 2.04 0.47	76.67 1.67 1.19	67.24 1.16 1.93	58.07 0.53 1.28	50.93 0.76 0.66	44.82 0.57 0.01
FPL_FAR_ROCK_GT2 23815	47.20 1.06 0.01	43.95 1.77 0.00	38.12 1.75 0.00	35.96 1.48 0.00	35.87 1.41 0.00	37.89 1.46 0.00	43.87 1.65 0.00	45.37 1.53 0.00	44.37 2.39 0.00	42.31 2.77 0.00	41.88 2.37 0.00	43.57 1.92 0.00	45.34 1.27 -0.14	49.15 1.71 0.04	52.73 1.94 0.16	55.88 1.80 0.65	63.31 2.04 0.78	73.85 2.56 0.01	77.06 2.04 0.47	76.67 1.67 1.19	67.24 1.16 1.93	58.07 0.53 1.28	50.93 0.76 0.66	44.82 0.57 0.01
FRANKLIN_FALL_HYD 24054	47.03 0.88 0.00	43.19 1.01 0.00	37.21 0.84 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.23 0.80 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.57 1.03 0.00	40.54 1.03 0.00	42.69 1.04 0.00	45.03 1.10 0.00	48.52 1.04 0.00	51.92 0.97 0.00	55.81 1.09 0.00	63.28 1.24 0.00	72.64 1.35 0.00	77.45 1.96 0.00	78.47 2.29 0.00	69.78 1.77 0.00	60.88 2.06 0.00	52.30 1.47 0.00	45.67 1.42 0.00

FREEPORT_EQUS_GT1 23764	46.60 0.46 0.01	43.57 1.39 0.00	37.83 1.46 0.00	35.65 1.17 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.49 1.27 0.00	44.98 1.14 0.00	44.03 2.06 0.00	41.96 2.41 0.00	41.44 1.94 0.00	43.07 1.42 0.00	44.67 0.61 -0.12	47.30 1.04 1.22	50.77 1.17 1.36	52.28 0.99 3.42	58.96 1.05 4.14	72.71 1.43 0.01	73.85 0.91 2.55	70.33 0.46 6.31	57.88 0.14 10.26	51.62 -0.23 6.97	47.38 0.15 3.61	44.12 -0.09 0.04
FREEPORT___CT2 23818	46.60 0.46 0.01	43.57 1.39 0.00	37.83 1.46 0.00	35.65 1.17 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.49 1.27 0.00	44.98 1.14 0.00	44.03 2.06 0.00	41.96 2.41 0.00	41.44 1.94 0.00	43.07 1.42 0.00	44.67 0.61 -0.12	47.30 1.04 1.22	50.77 1.17 1.36	52.28 0.99 3.42	58.96 1.05 4.14	72.71 1.43 0.01	73.85 0.91 2.55	70.33 0.46 6.31	57.88 0.14 10.26	51.62 -0.23 6.97	47.38 0.15 3.61	44.12 -0.09 0.04
FRESHKLS_33_KV_LOAD 356253	48.04 1.89 0.00	43.99 1.81 0.00	38.01 1.64 0.00	35.85 1.38 0.00	35.84 1.38 0.00	37.96 1.53 0.00	43.92 1.69 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.86 2.21 0.00	46.23 2.15 -0.15	49.86 2.14 -0.24	52.96 1.89 -0.12	56.09 1.37 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.76 0.75 0.00	58.82 0.00 0.00	52.20 1.37 0.00	45.85 1.59 0.00
FULTON COGEN____ 23766	45.64 -0.51 0.00	41.50 -0.67 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.65 0.00	35.81 -0.62 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.35 -0.63 0.00	38.99 -0.55 0.00	39.07 -0.43 0.00	41.27 -0.37 0.00	43.66 -0.26 0.00	47.24 -0.24 0.00	50.65 -0.31 0.00	54.39 -0.33 0.00	61.67 -0.37 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.80 -0.38 0.00	67.74 -0.27 0.00	58.47 -0.35 0.00	50.48 -0.36 0.00	43.86 -0.40 0.00
FULTON___LFGE 323630	49.33 3.18 0.00	45.09 2.91 0.00	38.84 2.47 0.00	36.82 2.35 0.00	36.83 2.38 0.00	39.08 2.66 0.00	45.18 2.95 0.00	46.25 2.41 0.00	43.53 1.55 0.00	40.38 0.83 0.00	39.98 0.48 0.00	41.94 0.29 0.00	43.93 0.09 0.09	47.48 0.14 0.14	51.45 0.56 0.07	55.76 1.04 0.00	63.72 1.68 0.00	74.21 2.92 0.00	80.17 4.68 0.00	81.90 5.72 0.00	73.65 5.64 0.00	63.70 4.88 0.00	54.85 4.01 0.00	47.53 3.27 0.00
G.F.CEMENT___DRP 24184	47.76 1.62 0.00	43.74 1.56 0.00	37.79 1.42 0.00	35.82 1.34 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.15 1.18 0.00	40.38 0.83 0.00	39.86 0.36 0.00	41.94 0.29 0.00	43.84 0.04 0.13	47.26 0.00 0.22	51.16 0.31 0.10	55.27 0.55 0.00	62.79 0.74 0.00	72.72 1.43 0.00	78.21 2.72 0.00	78.92 2.74 0.00	70.94 2.92 0.00	61.41 2.59 0.00	53.02 2.19 0.00	46.03 1.77 0.00
GARDENVILLE___LBMP 24039	48.83 2.68 0.00	43.44 1.27 0.00	37.24 0.87 0.00	35.37 0.90 0.00	34.94 0.48 0.00	37.45 1.02 0.00	43.16 0.93 0.00	44.89 1.05 0.00	42.57 0.59 0.00	41.13 1.58 0.00	42.04 2.53 0.00	45.27 3.62 0.00	48.76 4.83 0.00	52.84 5.36 0.00	56.26 5.30 0.00	60.41 5.69 0.00	68.25 6.20 0.00	75.99 4.71 0.00	80.17 4.68 0.00	81.74 5.56 0.00	73.25 5.24 0.00	63.47 4.65 0.00	54.08 3.25 0.00	47.27 3.01 0.00
GARDNVLA_35_KV_LD 355827	49.24 3.09 0.00	43.78 1.60 0.00	37.53 1.16 0.00	35.61 1.14 0.00	35.18 0.72 0.00	37.70 1.27 0.00	43.45 1.22 0.00	45.24 1.40 0.00	42.90 0.92 0.00	41.48 1.94 0.00	42.43 2.92 0.00	45.73 4.08 0.00	49.24 5.32 0.00	53.36 5.89 0.00	56.82 5.86 0.00	60.90 6.18 0.00	68.81 6.76 0.00	76.56 5.28 0.00	80.70 5.21 0.00	82.27 6.09 0.00	73.72 5.71 0.00	63.88 5.06 0.00	54.44 3.61 0.00	47.57 3.32 0.00
GELCKHM___115KV_LOAD 80723	45.83 -0.32 0.00	41.71 -0.46 0.00	35.86 -0.51 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.72 -0.51 0.00	43.40 -0.44 0.00	41.52 -0.46 0.00	39.19 -0.36 0.00	39.27 -0.24 0.00	41.52 -0.12 0.00	43.93 0.00 0.00	47.57 0.09 0.00	51.01 0.05 0.00	54.83 0.11 0.00	62.23 0.19 0.00	71.36 0.07 0.00	75.49 0.00 0.00	76.26 0.08 0.00	68.21 0.20 0.00	58.82 0.00 0.00	50.68 -0.15 0.00	44.08 -0.18 0.00
GENERAL___MILLS 23808	49.10 2.95 0.00	43.65 1.48 0.00	37.43 1.05 0.00	35.51 1.03 0.00	35.11 0.65 0.00	37.63 1.20 0.00	43.33 1.10 0.00	45.11 1.27 0.00	42.78 0.80 0.00	41.32 1.78 0.00	42.27 2.77 0.00	45.56 3.91 0.00	49.07 5.14 0.00	53.17 5.70 0.00	56.56 5.61 0.00	60.68 5.96 0.00	68.56 6.51 0.00	76.28 4.99 0.00	80.47 4.98 0.00	82.05 5.87 0.00	73.52 5.51 0.00	63.64 4.82 0.00	54.29 3.46 0.00	47.44 3.19 0.00
GE_PLASTICS___DRP 24183	46.24 0.09 0.00	42.35 0.17 0.00	36.62 0.25 0.00	34.75 0.28 0.00	34.80 0.34 0.00	36.65 0.22 0.00	42.44 0.21 0.00	43.97 0.13 0.00	42.15 0.17 0.00	39.58 0.04 0.00	39.39 -0.12 0.00	41.40 -0.25 0.00	43.45 -0.40 0.08	46.91 -0.43 0.14	50.58 -0.31 0.07	54.28 -0.44 0.00	61.55 -0.50 0.00	71.00 -0.29 0.00	75.19 -0.30 0.00	75.80 -0.38 0.00	67.67 -0.34 0.00	58.41 -0.41 0.00	50.73 -0.10 0.00	44.17 -0.09 0.00
GILBOA___1 23756	46.52 0.37 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.79 0.36 0.00	42.65 0.42 0.00	44.23 0.39 0.00	42.40 0.42 0.00	39.94 0.40 0.00	39.82 0.31 0.00	41.90 0.25 0.00	44.08 0.13 -0.02	47.66 0.14 -0.04	51.18 0.20 -0.02	54.94 0.22 0.00	62.23 0.19 0.00	71.50 0.21 0.00	75.57 0.08 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.76 -0.06 0.00	50.98 0.15 0.00	44.39 0.13 0.00
GILBOA___2 23757	46.52 0.37 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.79 0.36 0.00	42.65 0.42 0.00	44.23 0.39 0.00	42.40 0.42 0.00	39.94 0.40 0.00	39.82 0.31 0.00	41.90 0.25 0.00	44.08 0.13 -0.02	47.66 0.14 -0.04	51.18 0.20 -0.02	54.94 0.22 0.00	62.23 0.19 0.00	71.50 0.21 0.00	75.57 0.08 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.76 -0.06 0.00	50.98 0.15 0.00	44.39 0.13 0.00
GILBOA___3 23758	46.52 0.37 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.79 0.36 0.00	42.65 0.42 0.00	44.23 0.39 0.00	42.40 0.42 0.00	39.94 0.40 0.00	39.82 0.31 0.00	41.90 0.25 0.00	44.08 0.13 -0.02	47.66 0.14 -0.04	51.18 0.20 -0.02	54.94 0.22 0.00	62.23 0.19 0.00	71.50 0.21 0.00	75.57 0.08 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.76 -0.06 0.00	50.98 0.15 0.00	44.39 0.13 0.00
GILBOA___4 23759	46.52 0.37 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.79 0.36 0.00	42.65 0.42 0.00	44.23 0.39 0.00	42.40 0.42 0.00	39.94 0.40 0.00	39.82 0.31 0.00	41.90 0.25 0.00	44.08 0.13 -0.02	47.66 0.14 -0.04	51.18 0.20 -0.02	54.94 0.22 0.00	62.23 0.19 0.00	71.50 0.21 0.00	75.57 0.08 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.76 -0.06 0.00	50.98 0.15 0.00	44.39 0.13 0.00

GILBOA____ 23599	46.56 0.42 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.83 0.40 0.00	42.65 0.42 0.00	44.24 0.39 0.00	42.44 0.46 0.00	39.94 0.40 0.00	39.82 0.32 0.00	41.90 0.25 0.00	44.08 0.13 -0.02	47.66 0.14 -0.04	51.23 0.25 -0.02	54.94 0.22 0.00	62.23 0.19 0.00	71.50 0.21 0.00	75.64 0.15 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.76 -0.06 0.00	51.03 0.20 0.00	44.43 0.18 0.00
GINNA____ 23603	45.23 -0.92 0.00	40.87 -1.31 0.00	35.03 -1.34 0.00	33.13 -1.35 0.00	33.01 -1.45 0.00	35.12 -1.31 0.00	40.58 -1.65 0.00	42.48 -1.36 0.00	40.63 -1.34 0.00	38.52 -1.03 0.00	38.92 -0.59 0.00	41.61 -0.04 0.00	44.37 0.44 0.00	48.05 0.57 0.00	51.41 0.46 0.00	55.32 0.60 0.00	62.66 0.62 0.00	71.08 -0.21 0.00	75.04 -0.45 0.00	75.95 -0.23 0.00	68.42 0.41 0.00	59.11 0.30 0.00	50.42 -0.41 0.00	43.73 -0.53 0.00
GLEN PARK____ 23778	49.11 2.96 0.00	44.33 2.15 0.00	37.97 1.60 0.00	35.75 1.28 0.00	35.66 1.21 0.00	37.92 1.49 0.00	44.17 1.94 0.00	46.03 2.19 0.00	43.82 1.84 0.00	40.97 1.42 0.00	41.17 1.66 0.00	43.36 1.71 0.00	45.60 1.67 0.00	49.38 1.90 0.00	52.74 1.78 0.00	56.69 1.97 0.00	64.59 2.54 0.00	74.50 3.21 0.00	79.87 4.38 0.00	81.74 5.56 0.00	73.32 5.31 0.00	63.35 4.53 0.00	54.29 3.46 0.00	46.78 2.52 0.00
GLENDALE_27_KV_LOAD 356172	47.95 1.80 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.89 1.41 0.00	35.84 1.38 0.00	37.96 1.53 0.00	43.96 1.73 0.00	45.55 1.71 0.00	43.99 2.01 0.00	41.92 2.37 0.00	41.88 2.37 0.00	43.90 2.25 0.00	46.23 2.15 -0.15	49.90 2.18 -0.24	53.31 2.24 -0.12	56.63 1.92 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.05 0.24 0.00	52.25 1.42 0.00	45.72 1.46 0.00
GLENWOOD_IC_1_G5 23712	47.07 0.92 0.00	43.53 1.35 0.00	37.75 1.38 0.00	35.68 1.21 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.71 1.48 0.00	45.24 1.40 0.00	44.03 2.06 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.48 1.83 0.00	45.47 1.41 -0.13	48.32 1.47 0.63	51.87 1.68 0.76	54.15 1.48 2.05	60.68 1.12 2.48	72.78 1.50 0.00	74.87 0.91 1.52	73.02 0.61 3.77	62.14 0.27 6.14	54.82 0.18 4.17	49.28 0.61 2.16	44.81 0.58 0.03
GLENWOOD_IC_2_G1 23688	47.02 0.87 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.11 1.27 0.00	43.74 1.76 0.00	41.52 1.98 0.00	41.24 1.74 0.00	43.11 1.46 0.00	45.18 1.10 -0.15	48.99 1.28 -0.23	52.54 1.48 -0.11	56.01 1.31 0.02	63.32 1.30 0.02	73.00 1.71 0.00	76.80 1.28 -0.03	77.06 0.92 0.04	68.56 0.61 0.06	59.02 0.12 -0.09	51.38 0.51 -0.05	44.61 0.35 0.00
GLENWOOD_IC_3_G1 23689	47.02 0.87 0.00	43.44 1.26 0.00	37.61 1.24 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.11 1.27 0.00	43.74 1.76 0.00	41.52 1.98 0.00	41.24 1.74 0.00	43.11 1.46 0.00	45.18 1.10 -0.15	48.99 1.28 -0.23	52.54 1.48 -0.11	56.01 1.31 0.02	63.32 1.30 0.02	73.00 1.71 0.00	76.80 1.28 -0.03	77.06 0.92 0.04	68.56 0.61 0.06	59.02 0.12 -0.09	51.38 0.51 -0.05	44.61 0.35 0.00
GLENWOOD____4 23550	47.07 0.92 0.00	43.53 1.35 0.00	37.75 1.38 0.00	35.68 1.21 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.71 1.48 0.00	45.24 1.40 0.00	44.03 2.06 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.48 1.83 0.00	45.47 1.41 -0.13	48.32 1.47 0.63	51.87 1.68 0.76	54.15 1.48 2.05	60.81 1.24 2.48	73.00 1.71 0.00	75.10 1.13 1.52	73.17 0.76 3.77	62.35 0.48 6.14	54.82 0.18 4.17	49.28 0.61 2.16	44.81 0.58 0.03
GLENWOOD____5 23614	47.07 0.92 0.00	43.53 1.35 0.00	37.75 1.38 0.00	35.68 1.21 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.71 1.48 0.00	45.24 1.40 0.00	44.03 2.06 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.48 1.83 0.00	45.47 1.41 -0.13	48.32 1.47 0.63	51.87 1.68 0.76	54.15 1.48 2.05	60.81 1.24 2.48	73.00 1.71 0.00	75.10 1.13 1.52	73.17 0.76 3.77	62.35 0.48 6.14	54.82 0.18 4.17	49.28 0.61 2.16	44.81 0.58 0.03
GLOBAL GREEN_PORT_GT1 23814	47.57 1.43 0.01	45.00 2.83 0.00	39.32 2.94 0.00	37.13 2.65 0.00	36.94 2.48 0.00	38.98 2.55 0.00	44.76 2.53 0.00	46.29 2.45 0.00	45.88 3.90 0.00	43.89 4.35 0.00	42.94 3.44 0.00	44.65 3.00 0.00	45.84 1.80 -0.11	47.73 2.66 2.40	51.42 3.01 2.55	51.69 3.17 6.20	58.02 3.47 7.49	75.91 4.63 0.01	74.87 4.00 4.62	68.19 3.43 11.42	52.28 2.86 18.59	47.88 1.71 12.64	45.87 1.58 6.54	44.62 0.44 0.07
GLOBE____DSASP 323697	47.67 1.52 0.00	42.56 0.38 0.00	36.52 0.15 0.00	34.75 0.28 0.00	34.32 -0.14 0.00	36.68 0.25 0.00	41.97 -0.25 0.00	43.49 -0.35 0.00	41.22 -0.76 0.00	39.82 0.28 0.00	40.69 1.19 0.00	43.81 2.17 0.00	47.05 3.12 0.00	50.94 3.47 0.00	54.17 3.21 0.00	58.28 3.56 0.00	65.83 3.78 0.00	73.07 1.78 0.00	76.93 1.43 0.00	78.39 2.21 0.00	70.46 2.45 0.00	61.29 2.47 0.00	52.36 1.52 0.00	46.11 1.86 0.00
GOETHSLN____LBMP 323567	47.21 1.06 0.00	43.23 1.05 0.00	37.46 1.09 0.00	35.37 0.90 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.45 1.22 0.00	45.20 1.36 0.00	43.70 1.72 0.00	41.44 1.90 0.00	41.33 1.82 0.00	43.31 1.67 0.00	45.57 1.49 -0.15	49.19 1.47 -0.24	52.75 1.68 -0.12	56.14 1.42 0.00	63.41 1.36 0.00	73.00 1.71 0.00	76.70 1.21 0.00	76.94 0.76 0.00	68.49 0.48 0.00	58.76 -0.06 0.00	51.64 0.81 0.00	45.01 0.75 0.00
GOLAH____69_KV_TB 1_2 80279	48.09 1.94 0.00	43.32 1.14 0.00	37.10 0.73 0.00	35.09 0.62 0.00	34.91 0.45 0.00	37.19 0.76 0.00	42.90 0.68 0.00	44.76 0.92 0.00	42.57 0.59 0.00	40.49 0.95 0.00	40.89 1.38 0.00	43.69 2.04 0.00	46.61 2.68 0.00	50.56 3.09 0.00	53.96 3.01 0.00	58.17 3.45 0.00	65.89 3.85 0.00	74.35 3.07 0.00	78.59 3.10 0.00	79.91 3.73 0.00	71.96 3.94 0.00	62.23 3.41 0.00	53.12 2.29 0.00	46.25 1.99 0.00
GOODYEAR_LAKE_HYD 323669	47.95 1.80 0.00	43.70 1.52 0.00	37.64 1.27 0.00	35.65 1.17 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.79 1.56 0.00	45.42 1.58 0.00	43.45 1.47 0.00	40.81 1.27 0.00	40.89 1.38 0.00	43.11 1.46 0.00	45.38 1.45 0.00	49.09 1.61 0.00	52.79 1.83 0.00	56.80 2.08 0.00	64.52 2.48 0.00	74.14 2.85 0.00	78.74 3.25 0.00	79.68 3.50 0.00	71.21 3.20 0.00	61.41 2.59 0.00	52.97 2.13 0.00	45.98 1.73 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.07 0.92 0.00	42.64 0.46 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.70 0.24 0.00	36.83 0.40 0.00	42.73 0.51 0.00	44.37 0.53 0.00	42.36 0.38 0.00	40.06 0.51 0.00	40.26 0.75 0.00	42.65 1.00 0.00	45.25 1.32 0.00	49.00 1.52 0.00	52.54 1.58 0.00	56.74 2.02 0.00	64.40 2.36 0.00	73.43 2.14 0.00	77.60 2.11 0.00	78.69 2.51 0.00	70.32 2.31 0.00	60.64 1.82 0.00	52.15 1.32 0.00	45.45 1.19 0.00

GOUDEY___7 23579	47.07 0.92 0.00	42.64 0.46 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.70 0.24 0.00	36.83 0.40 0.00	42.73 0.51 0.00	44.37 0.53 0.00	42.36 0.38 0.00	40.06 0.51 0.00	40.26 0.75 0.00	42.65 1.00 0.00	45.25 1.32 0.00	49.00 1.52 0.00	52.54 1.58 0.00	56.74 2.02 0.00	64.40 2.36 0.00	73.43 2.14 0.00	77.60 2.11 0.00	78.69 2.51 0.00	70.32 2.31 0.00	60.64 1.82 0.00	52.15 1.32 0.00	45.45 1.19 0.00
GOUDEY___8 23580	47.07 0.92 0.00	42.64 0.46 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.70 0.24 0.00	36.83 0.40 0.00	42.73 0.51 0.00	44.37 0.53 0.00	42.36 0.38 0.00	40.06 0.51 0.00	40.26 0.75 0.00	42.65 1.00 0.00	45.25 1.32 0.00	49.00 1.52 0.00	52.54 1.58 0.00	56.74 2.02 0.00	64.40 2.36 0.00	73.43 2.14 0.00	77.60 2.11 0.00	78.69 2.51 0.00	70.32 2.31 0.00	60.64 1.82 0.00	52.15 1.32 0.00	45.45 1.19 0.00
GOWANUS_GT1_1 24077	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_2 24078	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_3 24079	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_4 24080	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_5 24084	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_6 24111	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_7 24112	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT1_8 24113	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT2_1 24114	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_2 24115	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_3 24116	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_4 24117	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_5 24118	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01

GOWANUS_GT2_6 24119	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_7 24120	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT2_8 24121	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_1 24122	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_2 24123	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_3 24124	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_4 24125	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_5 24126	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_6 24127	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_7 24128	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT3_8 24129	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
GOWANUS_GT4_1 24130	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_2 24131	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_3 24132	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_4 24133	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00

GOWANUS_GT4_5 24134	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_6 24135	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_7 24136	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GOWANUS_GT4_8 24137	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.76 2.21 0.00	41.72 2.21 0.00	43.77 2.12 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.06 1.99 -0.12	56.31 1.59 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GREATVRV_69_KV_BK1 356245	46.83 0.69 0.01	44.08 1.90 0.00	38.37 2.00 0.00	36.30 1.83 0.00	36.08 1.62 0.00	38.21 1.78 0.00	44.30 2.07 0.00	45.64 1.80 0.00	45.04 3.06 0.00	42.71 3.16 0.00	42.59 3.08 0.00	43.86 2.21 0.00	45.22 1.19 -0.11	46.39 1.23 2.32	49.97 1.48 2.46	50.08 1.37 6.00	56.27 1.49 7.26	73.28 2.00 0.01	72.38 1.36 4.47	66.26 1.14 11.06	50.82 0.82 18.00	46.64 0.06 12.24	44.96 0.46 6.33	44.58 0.40 0.07
GREENBSH_115KV_TB3 55895	46.01 -0.14 0.00	42.18 0.00 0.00	36.48 0.11 0.00	34.65 0.17 0.00	34.70 0.24 0.00	36.50 0.07 0.00	42.27 0.04 0.00	43.80 -0.04 0.00	42.02 0.04 0.00	39.43 -0.12 0.00	39.15 -0.36 0.00	41.15 -0.50 0.00	43.15 -0.66 0.12	46.53 -0.76 0.19	50.20 -0.66 0.09	53.95 -0.77 0.00	61.17 -0.87 0.00	70.72 -0.57 0.00	74.89 -0.60 0.00	75.42 -0.76 0.00	67.33 -0.68 0.00	58.11 -0.71 0.00	50.48 -0.36 0.00	43.95 -0.31 0.00
GREENDGE_115KV_TB5 80291	47.44 1.29 0.00	43.02 0.84 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.84 0.38 0.00	37.16 0.73 0.00	43.11 0.89 0.00	44.81 0.96 0.00	42.65 0.67 0.00	40.41 0.87 0.00	40.77 1.26 0.00	43.40 1.75 0.00	46.26 2.33 0.00	49.80 2.33 0.00	53.25 2.29 0.00	57.62 2.90 0.00	65.39 3.35 0.00	74.43 3.14 0.00	78.89 3.40 0.00	80.29 4.11 0.00	71.82 3.81 0.00	61.88 3.06 0.00	52.86 2.03 0.00	46.29 2.04 0.00
GREENIDGE___3 23582	47.44 1.29 0.00	43.02 0.84 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.84 0.38 0.00	37.16 0.73 0.00	43.11 0.89 0.00	44.81 0.96 0.00	42.65 0.67 0.00	40.41 0.87 0.00	40.77 1.26 0.00	43.40 1.75 0.00	46.26 2.33 0.00	49.80 2.33 0.00	53.25 2.29 0.00	57.62 2.90 0.00	65.39 3.35 0.00	74.43 3.14 0.00	78.89 3.40 0.00	80.29 4.11 0.00	71.82 3.81 0.00	61.88 3.06 0.00	52.86 2.03 0.00	46.29 2.04 0.00
GREENIDGE___4 23583	47.76 1.61 0.00	43.02 0.84 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.84 0.38 0.00	37.16 0.73 0.00	43.12 0.89 0.00	44.80 0.96 0.00	42.69 0.71 0.00	40.38 0.83 0.00	40.77 1.26 0.00	43.48 1.83 0.00	46.34 2.41 0.00	49.80 2.33 0.00	53.35 2.40 0.00	57.62 2.90 0.00	65.39 3.35 0.00	74.42 3.13 0.00	78.89 3.40 0.00	80.29 4.11 0.00	71.89 3.87 0.00	61.93 3.12 0.00	53.02 2.18 0.00	46.47 2.21 0.00
GREENLWN_69_KV_BK 3 55738	45.63 -0.51 0.01	43.11 0.93 0.00	37.43 1.05 0.00	35.40 0.93 0.00	35.22 0.76 0.00	37.30 0.87 0.00	43.24 1.01 0.00	44.54 0.70 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.48 1.98 0.00	42.52 0.87 0.00	43.90 -0.13 -0.11	44.90 -0.24 2.34	48.37 -0.10 2.48	48.28 -0.38 6.05	54.17 -0.56 7.32	70.93 -0.36 0.01	69.85 -1.13 4.51	63.58 -1.45 11.15	48.29 -1.56 18.15	44.53 -1.94 12.35	43.27 -1.17 6.39	43.21 -0.97 0.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00
GRISSOM___SOLAR 323813	49.01 2.86 0.00	44.84 2.66 0.00	38.63 2.26 0.00	36.61 2.14 0.00	36.63 2.17 0.00	38.83 2.40 0.00	44.93 2.70 0.00	46.03 2.19 0.00	43.28 1.30 0.00	40.10 0.55 0.00	39.67 0.16 0.00	41.52 -0.12 0.00	43.49 -0.35 0.09	47.00 -0.33 0.14	50.94 0.05 0.07	55.27 0.55 0.00	63.22 1.18 0.00	73.71 2.43 0.00	79.56 4.07 0.00	81.21 5.03 0.00	73.04 5.03 0.00	63.17 4.35 0.00	54.44 3.61 0.00	47.18 2.92 0.00
GROVEVILLE___HYD 323602	47.58 1.43 0.00	43.57 1.39 0.00	37.64 1.27 0.00	35.61 1.14 0.00	35.63 1.17 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.33 1.49 0.00	43.61 1.64 0.00	41.01 1.46 0.00	40.89 1.38 0.00	42.94 1.29 0.00	45.28 1.23 -0.12	49.00 1.33 -0.20	52.68 1.63 -0.09	56.31 1.59 0.00	63.66 1.61 0.00	73.64 2.35 0.00	77.53 2.04 0.00	78.01 1.83 0.00	69.51 1.50 0.00	59.70 0.88 0.00	52.10 1.27 0.00	45.32 1.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
HAMLTNNY_34_KV_TB 80303	46.56 0.42 0.00	42.26 0.08 0.00	36.33 -0.04 0.00	34.41 -0.07 0.00	34.35 -0.10 0.00	36.46 0.04 0.00	42.27 0.04 0.00	43.97 0.13 0.00	42.06 0.08 0.00	39.70 0.16 0.00	39.86 0.36 0.00	42.23 0.58 0.00	44.81 0.88 0.00	48.47 1.00 0.00	51.92 0.97 0.00	55.92 1.20 0.00	63.47 1.43 0.00	72.64 1.35 0.00	76.85 1.36 0.00	77.78 1.60 0.00	69.58 1.56 0.00	60.05 1.24 0.00	51.54 0.71 0.00	44.83 0.58 0.00

HAMPSHIRE___PAPER_HYD 323593	47.81 1.66 0.00	43.44 1.26 0.00	37.31 0.94 0.00	35.23 0.76 0.00	35.21 0.76 0.00	37.30 0.87 0.00	43.45 1.23 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.58 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.76 1.51 0.00
HARDSCRABBLE_WT_PWR 323673	45.36 -0.78 0.00	41.50 -0.68 0.00	35.83 -0.54 0.00	33.92 -0.55 0.00	33.90 -0.55 0.00	35.88 -0.55 0.00	41.64 -0.59 0.00	43.27 -0.57 0.00	41.43 -0.55 0.00	38.91 -0.63 0.00	38.92 -0.59 0.00	40.98 -0.67 0.00	43.14 -0.79 0.00	46.62 -0.85 0.00	50.09 -0.87 0.00	53.79 -0.93 0.00	61.05 -1.00 0.00	70.29 -1.00 0.00	74.43 -1.06 0.00	75.04 -1.14 0.00	66.92 -1.09 0.00	57.76 -1.06 0.00	49.92 -0.91 0.00	43.37 -0.88 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.30 1.15 0.00	43.27 1.10 0.00	37.43 1.05 0.00	35.40 0.93 0.00	35.42 0.96 0.00	37.45 1.02 0.00	43.49 1.27 0.00	45.07 1.23 0.00	43.36 1.39 0.00	40.89 1.34 0.00	40.81 1.30 0.00	42.86 1.21 0.00	45.16 1.10 -0.13	48.88 1.19 -0.21	52.48 1.43 -0.10	56.09 1.37 0.00	63.47 1.43 0.00	73.29 2.00 0.00	77.08 1.59 0.00	77.63 1.45 0.00	69.17 1.16 0.00	59.35 0.53 0.00	51.75 0.91 0.00	45.10 0.84 0.00
HARSNRAD_115KV_TB1 81005	48.23 2.08 0.00	42.94 0.76 0.00	36.81 0.44 0.00	34.96 0.48 0.00	34.53 0.07 0.00	36.97 0.55 0.00	42.52 0.30 0.00	44.24 0.39 0.00	41.94 -0.04 0.00	40.45 0.91 0.00	41.33 1.82 0.00	44.52 2.87 0.00	47.88 3.95 0.00	51.85 4.37 0.00	55.13 4.18 0.00	59.37 4.65 0.00	67.07 5.03 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.06 3.89 0.00	72.02 4.01 0.00	62.52 3.71 0.00	53.37 2.54 0.00	46.69 2.43 0.00
HARZA MOOSE___RIVER 24016	47.86 1.71 0.00	43.23 1.05 0.00	37.10 0.73 0.00	34.99 0.52 0.00	34.94 0.48 0.00	37.12 0.69 0.00	43.16 0.93 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.45 0.91 0.00	40.57 1.07 0.00	42.77 1.12 0.00	44.98 1.05 0.00	48.76 1.28 0.00	52.23 1.27 0.00	56.14 1.42 0.00	63.84 1.80 0.00	73.50 2.21 0.00	78.28 2.79 0.00	79.46 3.28 0.00	70.73 2.72 0.00	61.05 2.24 0.00	52.41 1.58 0.00	45.32 1.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.78 -0.37 0.00	41.63 -0.55 0.00	35.82 -0.55 0.00	33.96 -0.52 0.00	33.91 -0.55 0.00	35.95 -0.47 0.00	41.68 -0.55 0.00	43.36 -0.48 0.00	41.47 -0.50 0.00	39.15 -0.40 0.00	39.27 -0.24 0.00	41.52 -0.12 0.00	43.93 0.00 0.00	47.57 0.09 0.00	51.01 0.05 0.00	54.88 0.16 0.00	62.23 0.19 0.00	71.36 0.07 0.00	75.49 0.00 0.00	76.26 0.08 0.00	68.15 0.14 0.00	58.82 0.00 0.00	50.68 -0.15 0.00	44.03 -0.22 0.00
HELLGATE_13_KV_LD 55870	47.95 1.80 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.89 1.41 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.96 1.73 0.00	45.51 1.67 0.00	43.95 1.97 0.00	41.92 2.37 0.00	41.88 2.37 0.00	43.90 2.25 0.00	46.23 2.15 -0.15	49.90 2.18 -0.24	53.21 2.14 -0.12	56.53 1.81 0.00	63.59 1.55 0.00	73.21 1.92 0.00	76.93 1.43 0.00	77.32 1.14 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.25 1.42 0.00	45.72 1.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.95 1.80 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.89 1.41 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.96 1.73 0.00	45.51 1.67 0.00	43.95 1.97 0.00	41.92 2.37 0.00	41.88 2.37 0.00	43.90 2.25 0.00	46.23 2.15 -0.15	49.90 2.18 -0.24	53.21 2.14 -0.12	56.53 1.81 0.00	63.59 1.55 0.00	73.21 1.92 0.00	76.93 1.43 0.00	77.32 1.14 0.00	68.76 0.75 0.00	59.00 0.18 0.00	52.25 1.42 0.00	45.72 1.46 0.00
HEMPSTEAD___ 23647	46.42 0.28 0.01	43.27 1.09 0.00	37.57 1.20 0.00	35.41 0.93 0.00	35.35 0.89 0.00	37.37 0.95 0.00	43.28 1.06 0.00	44.80 0.96 0.00	43.74 1.76 0.00	41.64 2.09 0.00	41.17 1.66 0.00	42.81 1.16 0.00	44.54 0.48 -0.13	47.26 0.86 1.08	50.71 0.97 1.21	52.40 0.77 3.09	58.93 0.62 3.73	72.28 1.00 0.01	73.57 0.38 2.30	70.49 0.00 5.69	58.48 -0.27 9.26	52.00 -0.53 6.29	47.48 -0.10 3.25	43.95 -0.26 0.04
HICKLING___1 23621	47.90 1.75 0.00	43.06 0.89 0.00	36.92 0.55 0.00	35.03 0.55 0.00	34.91 0.45 0.00	37.26 0.84 0.00	43.20 0.97 0.00	44.81 0.96 0.00	42.61 0.63 0.00	40.49 0.95 0.00	40.97 1.46 0.00	43.65 2.00 0.00	46.65 2.72 0.00	50.56 3.09 0.00	54.06 3.11 0.00	58.60 3.89 0.00	66.45 4.41 0.00	75.21 3.92 0.00	79.49 4.00 0.00	81.06 4.88 0.00	72.43 4.42 0.00	62.41 3.59 0.00	53.32 2.49 0.00	46.60 2.35 0.00
HICKLING___2 23622	47.90 1.75 0.00	43.06 0.89 0.00	36.92 0.55 0.00	35.03 0.55 0.00	34.91 0.45 0.00	37.26 0.84 0.00	43.20 0.97 0.00	44.81 0.96 0.00	42.61 0.63 0.00	40.49 0.95 0.00	40.97 1.46 0.00	43.65 2.00 0.00	46.65 2.72 0.00	50.56 3.09 0.00	54.06 3.11 0.00	58.60 3.89 0.00	66.45 4.41 0.00	75.21 3.92 0.00	79.49 4.00 0.00	81.06 4.88 0.00	72.43 4.42 0.00	62.41 3.59 0.00	53.32 2.49 0.00	46.60 2.35 0.00
HIGH FALLS___HY 23754	47.53 1.38 0.00	43.44 1.27 0.00	37.57 1.20 0.00	35.51 1.03 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.62 1.39 0.00	45.20 1.36 0.00	43.53 1.55 0.00	41.01 1.46 0.00	40.93 1.42 0.00	42.98 1.33 0.00	45.24 1.23 -0.08	48.98 1.38 -0.13	52.70 1.68 -0.06	56.42 1.70 0.00	63.90 1.86 0.00	73.86 2.57 0.00	77.76 2.26 0.00	78.39 2.21 0.00	69.71 1.70 0.00	59.82 1.00 0.00	52.15 1.32 0.00	45.36 1.11 0.00
HIGH_RIVER___SOLAR 323847	47.76 1.61 0.00	43.69 1.52 0.00	37.72 1.35 0.00	35.75 1.28 0.00	35.77 1.31 0.00	37.85 1.42 0.00	43.75 1.52 0.00	45.07 1.23 0.00	42.69 0.71 0.00	39.78 0.24 0.00	39.47 -0.04 0.00	41.40 -0.25 0.00	43.39 -0.44 0.10	46.80 -0.52 0.16	50.53 -0.35 0.07	54.50 -0.22 0.00	61.98 -0.06 0.00	72.07 0.79 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.66 2.65 0.00	61.05 2.23 0.00	52.76 1.93 0.00	45.85 1.59 0.00
HILLBURN___GT 23639	47.07 0.92 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.89 0.00	37.41 0.98 0.00	43.41 1.18 0.00	45.02 1.18 0.00	43.32 1.34 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.12 1.05 -0.13	48.79 1.09 -0.22	52.34 1.27 -0.11	55.87 1.15 0.00	63.22 1.18 0.00	72.93 1.64 0.00	76.62 1.13 0.00	77.10 0.92 0.00	68.69 0.68 0.00	58.94 0.12 0.00	51.39 0.56 0.00	44.70 0.44 0.00
HILLSIDE_115KV_TB1 80332	47.16 1.02 0.00	42.47 0.30 0.00	36.44 0.07 0.00	34.58 0.10 0.00	34.49 0.03 0.00	36.75 0.33 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.06 0.08 0.00	39.98 0.43 0.00	40.34 0.83 0.00	42.94 1.29 0.00	45.82 1.89 0.00	49.66 2.18 0.00	53.10 2.14 0.00	57.62 2.90 0.00	65.27 3.23 0.00	73.93 2.64 0.00	78.06 2.57 0.00	79.53 3.35 0.00	71.00 2.99 0.00	61.29 2.47 0.00	52.41 1.58 0.00	45.80 1.55 0.00

HISHELDN_WT_PWR 323625	48.23 2.08 0.00	42.98 0.80 0.00	36.84 0.47 0.00	34.99 0.52 0.00	34.63 0.17 0.00	37.08 0.66 0.00	42.78 0.55 0.00	44.41 0.57 0.00	42.23 0.25 0.00	40.41 0.87 0.00	41.29 1.78 0.00	44.56 2.91 0.00	47.88 3.96 0.00	51.84 4.37 0.00	55.34 4.38 0.00	59.43 4.71 0.00	67.19 5.15 0.00	75.14 3.85 0.00	79.41 3.92 0.00	81.13 4.95 0.00	72.77 4.76 0.00	62.87 4.06 0.00	53.88 3.05 0.00	47.13 2.87 0.00
HOLTSVILLE_IC_1 23690	45.87 -0.28 0.01	43.44 1.26 0.00	37.86 1.49 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.40 0.33 2.41	48.76 0.36 2.55	48.73 0.22 6.21	54.60 0.06 7.51	71.78 0.50 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.82 -0.46 6.55	43.08 -1.10 0.07
HOLTSVILLE_IC_10 23699	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.62 1.39 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.43 2.89 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.80 0.71 2.39	49.24 0.81 2.53	49.22 0.66 6.16	55.22 0.62 7.45	72.35 1.07 0.01	71.36 0.46 4.59	65.06 0.23 11.35	49.54 0.00 18.47	45.67 -0.59 12.56	44.18 -0.15 6.50	43.30 -0.88 0.07
HOLTSVILLE_IC_2 23691	45.87 -0.28 0.01	43.44 1.26 0.00	37.86 1.49 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.40 0.33 2.41	48.76 0.36 2.55	48.73 0.22 6.21	54.60 0.06 7.51	71.78 0.50 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.82 -0.46 6.55	43.08 -1.10 0.07
HOLTSVILLE_IC_3 23692	45.87 -0.28 0.01	43.44 1.26 0.00	37.86 1.49 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.40 0.33 2.41	48.76 0.36 2.55	48.73 0.22 6.21	54.60 0.06 7.51	71.78 0.50 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.82 -0.46 6.55	43.08 -1.10 0.07
HOLTSVILLE_IC_4 23693	45.87 -0.28 0.01	43.44 1.26 0.00	37.86 1.49 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.40 0.33 2.41	48.76 0.36 2.55	48.73 0.22 6.21	54.60 0.06 7.51	71.78 0.50 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.82 -0.46 6.55	43.08 -1.10 0.07
HOLTSVILLE_IC_5 23694	45.87 -0.28 0.01	43.44 1.26 0.00	37.86 1.49 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.67 1.24 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.40 0.33 2.41	48.76 0.36 2.55	48.73 0.22 6.21	54.60 0.06 7.51	71.78 0.50 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.82 -0.46 6.55	43.08 -1.10 0.07
HOLTSVILLE_IC_6 23695	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.62 1.39 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.43 2.89 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.80 0.71 2.39	49.24 0.81 2.53	49.22 0.66 6.16	55.22 0.62 7.45	72.35 1.07 0.01	71.36 0.46 4.59	65.06 0.23 11.35	49.54 0.00 18.47	45.67 -0.59 12.56	44.18 -0.15 6.50	43.30 -0.88 0.07
HOLTSVILLE_IC_7 23696	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.62 1.39 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.43 2.89 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.80 0.71 2.39	49.24 0.81 2.53	49.22 0.66 6.16	55.22 0.62 7.45	72.35 1.07 0.01	71.36 0.46 4.59	65.06 0.23 11.35	49.54 0.00 18.47	45.67 -0.59 12.56	44.18 -0.15 6.50	43.30 -0.88 0.07
HOLTSVILLE_IC_8 23697	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.62 1.39 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.43 2.89 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.80 0.71 2.39	49.24 0.81 2.53	49.22 0.66 6.16	55.22 0.62 7.45	72.35 1.07 0.01	71.36 0.46 4.59	65.06 0.23 11.35	49.54 0.00 18.47	45.67 -0.59 12.56	44.18 -0.15 6.50	43.30 -0.88 0.07
HOLTSVILLE_IC_9 23698	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.62 1.39 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.43 2.89 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.80 0.71 2.39	49.24 0.81 2.53	49.22 0.66 6.16	55.22 0.62 7.45	72.35 1.07 0.01	71.36 0.46 4.59	65.06 0.23 11.35	49.54 0.00 18.47	45.67 -0.59 12.56	44.18 -0.15 6.50	43.30 -0.88 0.07
HOMER_HL_115KV_TB2 355744	47.35 1.20 0.00	42.05 -0.13 0.00	35.97 -0.40 0.00	34.16 -0.31 0.00	33.97 -0.48 0.00	36.54 0.11 0.00	42.40 0.17 0.00	43.67 -0.18 0.00	41.56 -0.42 0.00	39.86 0.32 0.00	40.57 1.07 0.00	43.56 1.92 0.00	46.87 2.94 0.00	50.90 3.42 0.00	54.32 3.36 0.00	60.30 5.58 0.00	68.31 6.27 0.00	75.99 4.71 0.00	80.10 4.60 0.00	81.97 5.79 0.00	73.18 5.17 0.00	63.17 4.35 0.00	53.78 2.95 0.00	47.53 3.27 0.00
HOWARD_WT_PWR 323690	48.36 2.22 0.00	43.19 1.01 0.00	36.99 0.62 0.00	35.06 0.59 0.00	34.87 0.41 0.00	37.37 0.95 0.00	43.32 1.10 0.00	44.89 1.05 0.00	42.61 0.63 0.00	40.49 0.95 0.00	41.17 1.66 0.00	44.15 2.50 0.00	47.36 3.43 0.00	51.28 3.80 0.00	54.88 3.92 0.00	59.32 4.60 0.00	67.19 5.15 0.00	75.78 4.49 0.00	80.39 4.90 0.00	82.28 6.10 0.00	73.59 5.58 0.00	63.35 4.53 0.00	54.24 3.41 0.00	47.40 3.14 0.00
HQ_GEN_CEDARS 23644	47.21 1.06 0.00	43.23 1.05 0.00	37.24 0.87 0.00	35.27 0.79 0.00	35.25 0.79 0.00	37.26 0.84 0.00	43.33 1.10 0.00	44.89 1.05 0.00	42.90 0.92 0.00	40.45 0.91 0.00	40.42 0.91 0.00	42.56 0.92 0.00	44.89 0.97 0.00	48.47 1.00 0.00	51.92 0.97 0.00	55.76 1.04 0.00	63.16 1.12 0.00	71.79 0.50 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.90 0.88 0.00	60.52 1.71 0.00	52.15 1.32 0.00	45.54 1.28 0.00
HQ_GEN_CEDARS_PROXY 323590	47.25 1.11 0.00	43.23 1.05 0.00	37.24 0.87 0.00	35.27 0.79 0.00	35.25 0.79 0.00	37.27 0.84 0.00	43.32 1.10 0.00	44.89 1.05 0.00	42.90 0.92 0.00	40.46 0.91 0.00	40.42 0.91 0.00	42.56 0.92 0.00	44.89 0.97 0.00	48.48 1.00 0.00	51.87 0.92 0.00	55.76 1.04 0.00	63.16 1.12 0.00	71.79 0.50 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.89 0.88 0.00	60.53 1.71 0.00	52.15 1.32 0.00	45.63 1.37 0.00

HQ_GEN_IMPORT 323601	46.38 0.23 0.00	42.43 0.25 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.53 0.30 0.00	44.11 0.26 0.00	42.19 0.21 0.00	39.78 0.24 0.00	39.71 0.20 0.00	41.86 0.21 0.00	44.19 0.27 0.00	47.72 0.24 0.00	51.16 0.20 0.00	54.94 0.22 0.00	62.29 0.25 0.00	71.43 0.14 0.00	75.79 0.30 0.00	76.49 0.31 0.00	68.28 0.27 0.00	59.29 0.47 0.00	51.14 0.31 0.00	44.65 0.40 0.00
HQ_GEN_WHEEL 23651	46.38 0.23 0.00	42.43 0.25 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.53 0.30 0.00	44.11 0.26 0.00	42.19 0.21 0.00	39.78 0.24 0.00	39.71 0.20 0.00	41.86 0.21 0.00	44.19 0.27 0.00	47.72 0.24 0.00	51.16 0.20 0.00	54.94 0.22 0.00	62.29 0.25 0.00	71.43 0.14 0.00	75.79 0.30 0.00	76.49 0.31 0.00	68.28 0.27 0.00	59.29 0.47 0.00	51.14 0.31 0.00	44.65 0.40 0.00
HUDSON AVE_GT_3 23810	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.68 2.14 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.11 2.04 -0.12	56.53 1.81 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.63 1.45 0.00	69.10 1.09 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
HUDSON AVE_GT_4 23540	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.68 2.14 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.11 2.04 -0.12	56.53 1.81 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.63 1.45 0.00	69.10 1.09 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
HUDSON AVE_GT_5 23657	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.95 1.97 0.00	41.68 2.14 0.00	41.52 2.01 0.00	43.56 1.92 0.00	45.83 1.76 -0.15	49.52 1.80 -0.24	53.11 2.04 -0.12	56.53 1.81 0.00	63.90 1.86 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.63 1.45 0.00	69.10 1.09 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
HUDSON_AVE_10 24168	47.44 1.29 0.00	43.44 1.27 0.00	37.57 1.20 0.00	35.47 1.00 0.00	35.46 1.00 0.00	37.56 1.13 0.00	43.66 1.44 0.00	45.42 1.58 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.44 1.94 0.00	43.44 1.79 0.00	45.75 1.67 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.83 0.82 0.00	59.00 0.18 0.00	51.85 1.02 0.00	45.23 0.97 0.00
HUDSON___115KV_TB 4 355613	46.93 0.78 0.00	42.98 0.80 0.00	37.10 0.73 0.00	35.23 0.76 0.00	35.28 0.83 0.00	37.16 0.73 0.00	43.03 0.80 0.00	44.50 0.66 0.00	42.48 0.50 0.00	39.70 0.16 0.00	39.39 -0.12 0.00	41.40 -0.25 0.00	43.72 -0.13 0.08	47.21 -0.14 0.13	51.05 0.15 0.06	54.61 -0.11 0.00	61.98 -0.06 0.00	71.93 0.64 0.00	76.55 1.06 0.00	77.32 1.14 0.00	69.17 1.16 0.00	59.76 0.94 0.00	51.75 0.91 0.00	44.96 0.71 0.00
HUNTER MOUNT___DRP 323613	47.12 0.97 0.00	43.11 0.93 0.00	37.21 0.84 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.23 0.80 0.00	43.16 0.93 0.00	44.59 0.75 0.00	42.48 0.50 0.00	39.62 0.08 0.00	39.27 -0.24 0.00	41.27 -0.37 0.00	43.88 0.00 0.05	47.44 0.05 0.08	51.27 0.36 0.04	54.61 -0.11 0.00	62.04 0.00 0.00	72.07 0.78 0.00	76.85 1.36 0.00	77.63 1.45 0.00	69.44 1.43 0.00	60.05 1.24 0.00	52.00 1.17 0.00	45.14 0.89 0.00
HUNTINGTON_RES_REC 323705	45.73 -0.42 0.01	43.32 1.14 0.00	37.68 1.31 0.00	35.54 1.07 0.00	35.46 1.00 0.00	37.45 1.02 0.00	43.24 1.01 0.00	44.63 0.79 0.00	43.91 1.93 0.00	42.00 2.45 0.00	41.05 1.54 0.00	42.40 0.75 0.00	43.73 -0.31 -0.11	45.29 0.19 2.38	48.74 0.31 2.52	48.69 0.11 6.14	54.68 0.06 7.42	71.57 0.29 0.01	70.54 -0.38 4.57	64.10 -0.76 11.31	48.71 -0.89 18.42	45.00 -1.29 12.52	43.54 -0.82 6.48	42.99 -1.19 0.07
HUNTLEY___63 23557	48.87 2.72 0.00	43.53 1.35 0.00	37.32 0.95 0.00	35.44 0.97 0.00	35.01 0.55 0.00	37.48 1.06 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.96 2.45 0.00	45.19 3.54 0.00	48.67 4.74 0.00	52.70 5.22 0.00	56.05 5.10 0.00	60.30 5.58 0.00	67.94 5.89 0.00	75.42 4.13 0.00	79.57 4.08 0.00	81.06 4.88 0.00	72.70 4.69 0.00	63.11 4.29 0.00	54.03 3.20 0.00	47.27 3.01 0.00
HUNTLEY___64 23558	48.87 2.72 0.00	43.53 1.35 0.00	37.32 0.95 0.00	35.44 0.97 0.00	35.01 0.55 0.00	37.48 1.06 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.96 2.45 0.00	45.19 3.54 0.00	48.67 4.74 0.00	52.70 5.22 0.00	56.05 5.10 0.00	60.30 5.58 0.00	67.94 5.89 0.00	75.42 4.13 0.00	79.57 4.08 0.00	81.06 4.88 0.00	72.70 4.69 0.00	63.11 4.29 0.00	54.03 3.20 0.00	47.27 3.01 0.00
HUNTLEY___65 23559	48.87 2.72 0.00	43.53 1.35 0.00	37.32 0.95 0.00	35.44 0.97 0.00	35.01 0.55 0.00	37.48 1.06 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.96 2.45 0.00	45.19 3.54 0.00	48.67 4.74 0.00	52.70 5.22 0.00	56.05 5.10 0.00	60.30 5.58 0.00	67.94 5.89 0.00	75.42 4.13 0.00	79.57 4.08 0.00	81.06 4.88 0.00	72.70 4.69 0.00	63.11 4.29 0.00	54.03 3.20 0.00	47.27 3.01 0.00
HUNTLEY___66 23560	48.87 2.72 0.00	43.53 1.35 0.00	37.32 0.95 0.00	35.44 0.97 0.00	35.01 0.55 0.00	37.48 1.06 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.96 2.45 0.00	45.19 3.54 0.00	48.67 4.74 0.00	52.70 5.22 0.00	56.05 5.10 0.00	60.30 5.58 0.00	67.94 5.89 0.00	75.42 4.13 0.00	79.57 4.08 0.00	81.06 4.88 0.00	72.70 4.69 0.00	63.11 4.29 0.00	54.03 3.20 0.00	47.27 3.01 0.00
HUNTLEY___67 23561	48.36 2.22 0.00	43.06 0.89 0.00	36.92 0.55 0.00	35.06 0.59 0.00	34.66 0.21 0.00	37.12 0.69 0.00	42.69 0.46 0.00	44.37 0.53 0.00	42.10 0.13 0.00	40.65 1.11 0.00	41.52 2.01 0.00	44.73 3.08 0.00	48.10 4.17 0.00	52.08 4.61 0.00	55.44 4.48 0.00	59.59 4.87 0.00	67.32 5.27 0.00	74.85 3.56 0.00	78.96 3.47 0.00	80.45 4.27 0.00	72.23 4.22 0.00	62.64 3.82 0.00	53.47 2.64 0.00	46.78 2.52 0.00
HUNTLEY___68 23562	48.36 2.22 0.00	43.06 0.89 0.00	36.92 0.55 0.00	35.06 0.59 0.00	34.66 0.21 0.00	37.12 0.69 0.00	42.69 0.46 0.00	44.37 0.53 0.00	42.10 0.13 0.00	40.65 1.11 0.00	41.52 2.01 0.00	44.73 3.08 0.00	48.10 4.17 0.00	52.08 4.61 0.00	55.44 4.48 0.00	59.59 4.87 0.00	67.32 5.27 0.00	74.85 3.56 0.00	78.96 3.47 0.00	80.45 4.27 0.00	72.23 4.22 0.00	62.64 3.82 0.00	53.47 2.64 0.00	46.78 2.52 0.00

HYLAND___LFGE 323620	50.21 4.06 0.00	45.00 2.83 0.00	38.44 2.07 0.00	36.40 1.93 0.00	36.21 1.76 0.00	38.72 2.30 0.00	44.68 2.45 0.00	46.12 2.28 0.00	43.24 1.26 0.00	40.65 1.11 0.00	40.97 1.46 0.00	43.73 2.08 0.00	46.70 2.77 0.00	50.56 3.08 0.00	54.37 3.41 0.00	56.75 2.03 0.00	64.59 2.54 0.00	73.78 2.49 0.00	79.64 4.15 0.00	82.50 6.32 0.00	75.02 7.01 0.00	64.88 6.06 0.00	56.78 5.94 0.00	49.08 4.82 0.00
INDECK___CORINTH 23802	47.07 0.92 0.00	43.19 1.01 0.00	37.35 0.98 0.00	35.41 0.93 0.00	35.46 1.00 0.00	37.56 1.13 0.00	43.28 1.06 0.00	44.80 0.96 0.00	42.65 0.67 0.00	39.98 0.44 0.00	39.39 -0.12 0.00	41.48 -0.17 0.00	43.23 -0.57 0.13	46.61 -0.66 0.21	50.45 -0.41 0.10	54.50 -0.22 0.00	61.92 -0.12 0.00	71.65 0.36 0.00	77.15 1.66 0.00	77.85 1.67 0.00	70.05 2.04 0.00	60.64 1.83 0.00	52.31 1.48 0.00	45.36 1.11 0.00
INDECK___ILION 23567	45.83 -0.32 0.00	41.88 -0.30 0.00	36.12 -0.25 0.00	34.23 -0.24 0.00	34.22 -0.24 0.00	36.17 -0.25 0.00	41.93 -0.30 0.00	43.58 -0.26 0.00	41.73 -0.25 0.00	39.23 -0.32 0.00	39.23 -0.28 0.00	41.32 -0.33 0.00	43.49 -0.44 0.00	47.05 -0.43 0.00	50.55 -0.41 0.00	54.28 -0.44 0.00	61.61 -0.43 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.72 -0.46 0.00	67.53 -0.48 0.00	58.29 -0.53 0.00	50.37 -0.46 0.00	43.81 -0.44 0.00
INDECK___OLEAN 23982	47.40 1.25 0.00	42.01 -0.17 0.00	35.97 -0.40 0.00	34.16 -0.31 0.00	33.97 -0.48 0.00	36.54 0.11 0.00	42.40 0.17 0.00	43.67 -0.17 0.00	41.64 -0.34 0.00	39.78 0.24 0.00	40.58 1.07 0.00	43.69 2.04 0.00	47.00 3.07 0.00	50.90 3.42 0.00	54.42 3.47 0.00	60.36 5.64 0.00	68.31 6.26 0.00	75.99 4.70 0.00	80.10 4.61 0.00	81.97 5.79 0.00	73.25 5.24 0.00	63.23 4.41 0.00	54.04 3.20 0.00	47.89 3.63 0.00
INDECK___OSWEGO 23783	45.36 -0.78 0.00	41.29 -0.89 0.00	35.54 -0.84 0.00	33.65 -0.83 0.00	33.63 -0.83 0.00	35.63 -0.80 0.00	41.30 -0.93 0.00	42.96 -0.88 0.00	41.09 -0.88 0.00	38.71 -0.83 0.00	38.80 -0.71 0.00	40.98 -0.67 0.00	43.31 -0.62 0.00	46.86 -0.62 0.00	50.24 -0.71 0.00	53.52 -1.20 0.00	60.62 -1.42 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.58 -1.60 0.00	66.72 -1.29 0.00	57.58 -1.24 0.00	50.12 -0.71 0.00	43.55 -0.71 0.00
INDECK___YERKES 23781	48.96 2.82 0.00	43.57 1.39 0.00	37.35 0.98 0.00	35.41 0.93 0.00	35.04 0.59 0.00	37.52 1.09 0.00	43.12 0.89 0.00	44.80 0.96 0.00	42.65 0.67 0.00	40.97 1.42 0.00	42.00 2.49 0.00	45.44 3.79 0.00	48.80 4.88 0.00	52.75 5.27 0.00	56.26 5.30 0.00	60.36 5.64 0.00	67.94 5.90 0.00	75.42 4.13 0.00	79.56 4.07 0.00	81.13 4.95 0.00	72.77 4.76 0.00	63.11 4.29 0.00	54.34 3.50 0.00	47.66 3.41 0.00
INDIAN POINT_GT_1 24139	47.12 0.97 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.41 1.18 0.00	45.02 1.18 0.00	43.40 1.43 0.00	41.01 1.46 0.00	40.89 1.38 0.00	42.90 1.25 0.00	45.13 1.05 -0.15	48.81 1.09 -0.24	52.34 1.27 -0.11	55.87 1.15 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.62 0.61 0.00	58.88 0.06 0.00	51.44 0.61 0.00	44.88 0.62 0.00
INDIAN POINT_GT_2 23659	47.12 0.97 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.41 1.18 0.00	45.02 1.18 0.00	43.40 1.43 0.00	41.01 1.46 0.00	40.89 1.38 0.00	42.90 1.25 0.00	45.13 1.05 -0.15	48.81 1.09 -0.24	52.34 1.27 -0.11	55.87 1.15 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.62 0.61 0.00	58.88 0.06 0.00	51.44 0.61 0.00	44.88 0.62 0.00
INDIAN POINT_GT_3 24019	47.12 0.97 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.41 1.18 0.00	45.02 1.18 0.00	43.40 1.43 0.00	41.01 1.46 0.00	40.89 1.38 0.00	42.90 1.25 0.00	45.13 1.05 -0.15	48.81 1.09 -0.24	52.34 1.27 -0.11	55.87 1.15 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.62 0.61 0.00	58.88 0.06 0.00	51.44 0.61 0.00	44.88 0.62 0.00
INDIAN POINT___2 23530	47.02 0.87 0.00	43.15 0.97 0.00	37.35 0.98 0.00	35.30 0.83 0.00	35.32 0.86 0.00	37.37 0.95 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.32 1.34 0.00	40.97 1.42 0.00	40.81 1.30 0.00	42.81 1.16 0.00	45.08 1.01 -0.14	48.75 1.04 -0.23	52.24 1.17 -0.11	55.76 1.04 0.00	63.10 1.05 0.00	72.79 1.50 0.00	76.47 0.98 0.00	76.94 0.76 0.00	68.55 0.54 0.00	58.82 0.00 0.00	51.34 0.51 0.00	44.61 0.35 0.00
INDIAN POINT___3 23531	47.07 0.92 0.00	43.15 0.97 0.00	37.35 0.98 0.00	35.34 0.86 0.00	35.32 0.86 0.00	37.37 0.95 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.32 1.34 0.00	40.93 1.38 0.00	40.81 1.30 0.00	42.81 1.17 0.00	45.04 0.97 -0.15	48.71 1.00 -0.24	52.24 1.17 -0.11	55.70 0.98 0.00	63.04 0.99 0.00	72.72 1.43 0.00	76.47 0.98 0.00	76.87 0.69 0.00	68.49 0.48 0.00	58.82 0.00 0.00	51.39 0.56 0.00	44.79 0.53 0.00
INGHAM_C_115KV_TB7 356103	45.09 -1.06 0.00	41.25 -0.93 0.00	35.57 -0.80 0.00	33.72 -0.76 0.00	33.70 -0.76 0.00	35.66 -0.76 0.00	41.34 -0.89 0.00	42.96 -0.88 0.00	41.14 -0.84 0.00	38.64 -0.91 0.00	38.64 -0.87 0.00	40.69 -0.96 0.00	42.83 -1.10 0.00	46.29 -1.19 0.00	49.73 -1.22 0.00	53.41 -1.31 0.00	60.62 -1.43 0.00	69.79 -1.50 0.00	73.98 -1.51 0.00	74.50 -1.68 0.00	66.51 -1.50 0.00	57.41 -1.41 0.00	49.61 -1.22 0.00	43.15 -1.11 0.00
IP CORINTH___1 23988	47.39 1.25 0.00	43.44 1.27 0.00	37.53 1.16 0.00	35.58 1.10 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.54 1.31 0.00	45.07 1.23 0.00	42.90 0.92 0.00	40.18 0.63 0.00	39.59 0.08 0.00	41.65 0.00 0.00	43.49 -0.31 0.13	46.89 -0.38 0.21	50.75 -0.10 0.10	54.83 0.11 0.00	62.29 0.25 0.00	72.07 0.78 0.00	77.68 2.19 0.00	78.31 2.13 0.00	70.46 2.45 0.00	60.99 2.18 0.00	52.66 1.83 0.00	45.67 1.42 0.00
IP___TICONDEROGA 23804	49.29 3.14 0.00	45.17 2.99 0.00	38.95 2.58 0.00	36.96 2.48 0.00	36.97 2.52 0.00	39.30 2.88 0.00	45.27 3.04 0.00	46.69 2.85 0.00	44.20 2.22 0.00	41.32 1.78 0.00	40.73 1.22 0.00	42.94 1.29 0.00	44.85 1.05 0.13	48.40 1.14 0.21	52.54 1.68 0.10	56.85 2.13 0.00	64.59 2.54 0.00	74.85 3.56 0.00	81.08 5.59 0.00	81.97 5.79 0.00	74.06 6.05 0.00	64.23 5.41 0.00	55.20 4.37 0.00	47.80 3.54 0.00
ISLIP_RES_REC 323679	46.28 0.14 0.01	43.82 1.64 0.00	38.19 1.82 0.00	36.06 1.59 0.00	35.94 1.48 0.00	37.96 1.53 0.00	43.79 1.56 0.00	45.20 1.36 0.00	44.58 2.60 0.00	42.63 3.09 0.00	41.72 2.21 0.00	43.23 1.58 0.00	44.43 0.39 -0.11	46.15 1.04 2.37	49.61 1.17 2.52	49.69 1.09 6.13	55.75 1.12 7.41	72.85 1.57 0.01	71.90 0.98 4.56	65.57 0.68 11.29	50.12 0.48 18.37	46.09 -0.23 12.50	44.47 0.10 6.46	43.52 -0.66 0.07

JAMAICA__27_KV_LOAD 355505	47.72 1.57 0.00	43.65 1.48 0.00	37.75 1.38 0.00	35.61 1.14 0.00	35.56 1.10 0.00	37.70 1.27 0.00	43.96 1.73 0.00	45.77 1.93 0.00	44.29 2.31 0.00	42.00 2.45 0.00	41.60 2.09 0.00	43.65 2.00 0.00	45.97 1.89 -0.15	49.52 1.80 -0.24	53.11 2.04 -0.12	56.58 1.86 0.00	64.03 1.99 0.00	73.71 2.42 0.00	77.45 1.96 0.00	77.70 1.52 0.00	69.10 1.09 0.00	59.17 0.35 0.00	52.15 1.32 0.00	45.54 1.28 0.00
JANIS__SOLAR 323808	48.50 2.35 0.00	43.95 1.77 0.00	37.72 1.35 0.00	35.68 1.21 0.00	35.63 1.17 0.00	37.92 1.49 0.00	44.08 1.86 0.00	45.77 1.93 0.00	43.45 1.47 0.00	40.57 1.03 0.00	40.69 1.18 0.00	43.02 1.37 0.00	45.51 1.58 0.00	49.28 1.80 0.00	52.89 1.94 0.00	57.18 2.46 0.00	65.33 3.29 0.00	75.28 3.99 0.00	80.33 4.84 0.00	81.90 5.72 0.00	73.32 5.31 0.00	63.11 4.29 0.00	54.13 3.30 0.00	46.87 2.61 0.00
JARVIS____ 23743	46.15 0.00 0.00	42.18 0.00 0.00	36.37 0.00 0.00	34.47 0.00 0.00	34.46 0.00 0.00	36.43 0.00 0.00	42.23 0.00 0.00	43.84 0.00 0.00	41.98 0.00 0.00	39.51 -0.04 0.00	39.47 -0.04 0.00	41.61 -0.04 0.00	43.84 -0.09 0.00	47.38 -0.09 0.00	50.85 -0.10 0.00	54.61 -0.11 0.00	61.98 -0.06 0.00	71.29 0.00 0.00	75.49 0.00 0.00	76.10 -0.08 0.00	68.01 0.00 0.00	58.70 -0.12 0.00	50.78 -0.05 0.00	44.12 -0.13 0.00
JENNISON____1 23625	48.64 2.49 0.00	44.12 1.94 0.00	37.90 1.53 0.00	35.85 1.38 0.00	35.80 1.34 0.00	38.03 1.60 0.00	44.25 2.03 0.00	46.03 2.19 0.00	43.91 1.93 0.00	41.13 1.58 0.00	41.36 1.86 0.00	43.77 2.12 0.00	46.17 2.24 0.00	50.09 2.61 0.00	53.76 2.80 0.00	58.06 3.34 0.00	66.14 4.09 0.00	75.92 4.63 0.00	80.62 5.13 0.00	81.89 5.71 0.00	73.25 5.24 0.00	63.05 4.23 0.00	54.08 3.25 0.00	46.87 2.61 0.00
JENNISON____2 23626	48.64 2.49 0.00	44.12 1.94 0.00	37.90 1.53 0.00	35.85 1.38 0.00	35.80 1.34 0.00	38.03 1.60 0.00	44.25 2.03 0.00	46.03 2.19 0.00	43.91 1.93 0.00	41.13 1.58 0.00	41.36 1.86 0.00	43.77 2.12 0.00	46.17 2.24 0.00	50.09 2.61 0.00	53.76 2.80 0.00	58.06 3.34 0.00	66.14 4.09 0.00	75.92 4.63 0.00	80.62 5.13 0.00	81.89 5.71 0.00	73.25 5.24 0.00	63.05 4.23 0.00	54.08 3.25 0.00	46.87 2.61 0.00
JERICOHO_RISE_WT_PWR 323719	46.38 0.23 0.00	42.48 0.30 0.00	36.63 0.26 0.00	34.68 0.21 0.00	34.70 0.24 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.30 0.00	39.86 0.31 0.00	39.82 0.31 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.62 0.14 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.58 0.29 0.00	76.17 0.68 0.00	76.94 0.76 0.00	68.49 0.48 0.00	59.58 0.76 0.00	51.24 0.40 0.00	44.92 0.66 0.00
KATONAH__115KV_46KV_TB4 355592	47.39 1.25 0.00	43.44 1.27 0.00	37.57 1.20 0.00	35.51 1.03 0.00	35.53 1.07 0.00	37.59 1.17 0.00	43.62 1.39 0.00	45.20 1.36 0.00	43.61 1.64 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.11 1.46 0.00	45.40 1.32 -0.15	49.19 1.47 -0.24	52.75 1.68 -0.12	56.31 1.59 0.00	63.66 1.61 0.00	73.57 2.28 0.00	77.30 1.81 0.00	77.63 1.45 0.00	69.17 1.16 0.00	59.29 0.47 0.00	51.80 0.97 0.00	45.14 0.89 0.00
KCE_NY_1 323755	47.67 1.52 0.00	43.69 1.52 0.00	37.75 1.38 0.00	35.78 1.31 0.00	35.80 1.34 0.00	37.89 1.46 0.00	43.79 1.56 0.00	45.33 1.49 0.00	43.15 1.17 0.00	40.41 0.87 0.00	40.10 0.59 0.00	42.19 0.54 0.00	44.14 0.35 0.14	47.64 0.38 0.22	51.51 0.66 0.11	55.54 0.82 0.00	63.10 1.05 0.00	73.00 1.71 0.00	77.91 2.42 0.00	78.54 2.36 0.00	70.39 2.38 0.00	60.88 2.06 0.00	52.66 1.83 0.00	45.76 1.51 0.00
KCE_NY_6_ESR 323823	49.15 3.00 0.00	43.69 1.52 0.00	37.46 1.09 0.00	35.58 1.10 0.00	35.11 0.65 0.00	37.67 1.24 0.00	43.37 1.14 0.00	45.11 1.27 0.00	42.98 1.01 0.00	41.28 1.74 0.00	42.31 2.81 0.00	45.73 4.08 0.00	49.15 5.22 0.00	53.22 5.74 0.00	56.71 5.76 0.00	60.74 6.02 0.00	68.62 6.57 0.00	76.35 5.06 0.00	80.55 5.06 0.00	82.20 6.02 0.00	73.65 5.64 0.00	63.76 4.94 0.00	54.59 3.76 0.00	47.84 3.58 0.00
KEDC_PORT_JEFF_GT2 24210	46.00 -0.14 0.01	43.61 1.43 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.77 1.31 0.00	37.78 1.35 0.00	43.54 1.31 0.00	44.94 1.10 0.00	44.33 2.35 0.00	42.35 2.81 0.00	41.37 1.86 0.00	42.86 1.21 0.00	44.08 0.04 -0.11	45.70 0.62 2.39	49.13 0.71 2.54	49.15 0.60 6.18	55.07 0.49 7.47	71.78 0.50 0.01	70.74 -0.15 4.60	64.87 0.08 11.38	49.35 -0.14 18.53	45.52 -0.70 12.60	44.06 -0.25 6.52	43.25 -0.93 0.07
KEDC_PORT_JEFF_GT3 24211	46.00 -0.14 0.01	43.61 1.43 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.77 1.31 0.00	37.78 1.35 0.00	43.54 1.31 0.00	44.94 1.10 0.00	44.33 2.35 0.00	42.35 2.81 0.00	41.37 1.86 0.00	42.86 1.21 0.00	44.08 0.04 -0.11	45.70 0.62 2.39	49.13 0.71 2.54	49.15 0.60 6.18	55.07 0.49 7.47	71.78 0.50 0.01	70.74 -0.15 4.60	64.87 0.08 11.38	49.35 -0.14 18.53	45.52 -0.70 12.60	44.06 -0.25 6.52	43.25 -0.93 0.07
KEDC_GLWD_GT4 24219	47.02 0.87 0.00	43.53 1.35 0.00	37.75 1.38 0.00	35.61 1.14 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.58 1.35 0.00	45.20 1.36 0.00	43.91 1.93 0.00	41.76 2.21 0.00	41.44 1.94 0.00	43.27 1.62 0.00	45.25 1.19 -0.13	48.32 1.47 0.63	51.82 1.63 0.76	54.15 1.48 2.05	60.68 1.12 2.48	72.78 1.50 0.00	74.88 0.91 1.52	72.94 0.54 3.77	62.07 0.20 6.14	54.88 0.24 4.17	49.18 0.51 2.16	44.58 0.35 0.03
KEDC_GLWD_GT5 24220	47.02 0.87 0.00	43.53 1.35 0.00	37.75 1.38 0.00	35.61 1.14 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.58 1.35 0.00	45.20 1.36 0.00	43.91 1.93 0.00	41.76 2.21 0.00	41.44 1.94 0.00	43.27 1.62 0.00	45.25 1.19 -0.13	48.32 1.47 0.63	51.82 1.63 0.76	54.15 1.48 2.05	60.68 1.12 2.48	72.78 1.50 0.00	74.88 0.91 1.52	72.94 0.54 3.77	62.07 0.20 6.14	54.88 0.24 4.17	49.18 0.51 2.16	44.58 0.35 0.03
KENSICO____ 23655	47.26 1.11 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.42 0.96 0.00	37.48 1.06 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.06 1.42 0.00	45.31 1.23 -0.15	49.00 1.28 -0.24	52.55 1.48 -0.12	56.03 1.31 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.05 0.24 0.00	51.59 0.76 0.00	45.01 0.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.53 1.38 0.00	43.44 1.27 0.00	37.53 1.16 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.52 1.09 0.00	43.58 1.35 0.00	45.20 1.36 0.00	43.45 1.47 0.00	40.89 1.34 0.00	40.81 1.30 0.00	42.86 1.21 0.00	45.16 1.14 -0.09	48.91 1.28 -0.15	52.61 1.58 -0.07	56.31 1.59 0.00	63.78 1.74 0.00	73.78 2.50 0.00	77.76 2.26 0.00	78.39 2.21 0.00	69.78 1.77 0.00	59.94 1.12 0.00	52.20 1.37 0.00	45.41 1.15 0.00

KIAC_JFK_GT1 23816	47.39 1.25 0.00	43.36 1.18 0.00	37.53 1.16 0.00	35.40 0.93 0.00	35.35 0.90 0.00	37.52 1.09 0.00	43.66 1.44 0.00	45.51 1.67 0.00	44.03 2.06 0.00	41.76 2.21 0.00	41.36 1.86 0.00	43.40 1.75 0.00	45.66 1.58 -0.15	49.00 1.28 -0.24	52.60 1.53 -0.12	55.98 1.26 0.00	63.28 1.24 0.00	72.93 1.64 0.00	76.62 1.13 0.00	76.87 0.69 0.00	68.35 0.34 0.00	58.52 -0.29 0.00	51.64 0.81 0.00	45.27 1.02 0.00
KIAC_JFK_GT2 23817	47.39 1.25 0.00	43.36 1.18 0.00	37.53 1.16 0.00	35.40 0.93 0.00	35.35 0.90 0.00	37.52 1.09 0.00	43.66 1.44 0.00	45.51 1.67 0.00	44.03 2.06 0.00	41.76 2.21 0.00	41.36 1.86 0.00	43.40 1.75 0.00	45.66 1.58 -0.15	49.00 1.28 -0.24	52.60 1.53 -0.12	55.98 1.26 0.00	63.28 1.24 0.00	72.93 1.64 0.00	76.62 1.13 0.00	76.87 0.69 0.00	68.35 0.34 0.00	58.52 -0.29 0.00	51.64 0.81 0.00	45.27 1.02 0.00
KIAC_JFK____ 323774	47.30 1.15 0.00	43.36 1.18 0.00	37.53 1.16 0.00	35.41 0.93 0.00	35.35 0.89 0.00	37.48 1.06 0.00	43.66 1.44 0.00	45.51 1.67 0.00	43.99 2.01 0.00	41.76 2.21 0.00	41.33 1.82 0.00	43.32 1.67 0.00	45.61 1.54 -0.15	49.00 1.28 -0.24	52.55 1.48 -0.12	55.98 1.26 0.00	63.28 1.24 0.00	72.93 1.64 0.00	76.62 1.13 0.00	76.86 0.68 0.00	68.35 0.34 0.00	58.53 -0.29 0.00	51.49 0.66 0.00	45.05 0.80 0.00
KINTIGH__24_KV_GSU 356498	47.58 1.43 0.00	42.56 0.38 0.00	36.48 0.11 0.00	34.65 0.17 0.00	34.29 -0.17 0.00	36.65 0.22 0.00	42.14 -0.08 0.00	43.88 0.04 0.00	41.81 -0.17 0.00	39.98 0.44 0.00	40.85 1.34 0.00	43.94 2.29 0.00	47.05 3.12 0.00	50.85 3.37 0.00	54.27 3.31 0.00	58.33 3.61 0.00	65.95 3.91 0.00	73.64 2.35 0.00	77.60 2.11 0.00	79.00 2.82 0.00	71.07 3.06 0.00	61.64 2.82 0.00	52.81 1.98 0.00	46.25 1.99 0.00
KINTIGH____ 23543	47.53 1.38 0.00	42.56 0.38 0.00	36.48 0.11 0.00	34.65 0.17 0.00	34.28 -0.17 0.00	36.65 0.22 0.00	42.14 -0.08 0.00	43.88 0.04 0.00	41.64 -0.34 0.00	40.06 0.51 0.00	40.81 1.30 0.00	43.81 2.17 0.00	46.96 3.03 0.00	50.85 3.37 0.00	54.17 3.21 0.00	58.33 3.61 0.00	65.95 3.91 0.00	73.64 2.35 0.00	77.53 2.04 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.64 2.82 0.00	52.61 1.78 0.00	45.98 1.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.29 0.14 0.00	42.73 0.55 0.00	36.81 0.44 0.00	34.85 0.38 0.00	34.84 0.38 0.00	36.83 0.40 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.48 0.50 0.00	40.10 0.55 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.46 0.53 0.00	47.76 0.28 0.00	51.11 0.15 0.00	54.88 0.16 0.00	62.29 0.25 0.00	72.22 0.93 0.00	76.93 1.43 0.00	77.86 1.68 0.00	69.24 1.22 0.00	60.23 1.41 0.00	51.75 0.91 0.00	45.36 1.11 0.00
LACHUTE____HYDRO 323717	49.29 3.14 0.00	45.17 2.99 0.00	38.95 2.58 0.00	36.96 2.48 0.00	36.97 2.51 0.00	39.30 2.88 0.00	45.27 3.04 0.00	46.69 2.85 0.00	44.20 2.22 0.00	41.33 1.78 0.00	40.73 1.23 0.00	42.98 1.33 0.00	44.85 1.05 0.13	48.40 1.14 0.21	52.48 1.63 0.10	56.85 2.13 0.00	64.59 2.54 0.00	74.85 3.56 0.00	81.00 5.51 0.00	81.97 5.79 0.00	74.06 6.05 0.00	64.23 5.41 0.00	55.20 4.37 0.00	47.80 3.54 0.00
LAWRNCALV_115KV_TB1 80681	47.44 1.29 0.00	43.44 1.27 0.00	37.39 1.02 0.00	35.37 0.90 0.00	35.35 0.90 0.00	37.37 0.95 0.00	43.49 1.27 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.54 1.03 0.00	42.69 1.04 0.00	45.03 1.10 0.00	48.57 1.09 0.00	52.03 1.07 0.00	55.87 1.15 0.00	63.16 1.12 0.00	71.72 0.43 0.00	76.47 0.98 0.00	77.47 1.30 0.00	69.03 1.02 0.00	60.82 2.00 0.00	52.30 1.47 0.00	45.72 1.46 0.00
LEDERLE____ 23769	47.30 1.15 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.47 1.00 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.45 1.47 0.00	41.05 1.50 0.00	40.97 1.46 0.00	42.98 1.33 0.00	45.25 1.19 -0.14	48.89 1.19 -0.23	52.49 1.43 -0.11	56.03 1.31 0.00	63.41 1.36 0.00	73.14 1.85 0.00	76.85 1.36 0.00	77.32 1.14 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.64 0.81 0.00	45.01 0.75 0.00
LIGHTHSE_115KV_TB6 355974	46.61 0.46 0.00	42.30 0.13 0.00	36.33 -0.04 0.00	34.37 -0.10 0.00	34.32 -0.14 0.00	36.43 0.00 0.00	42.27 0.04 0.00	44.02 0.18 0.00	42.02 0.04 0.00	39.54 0.00 0.00	39.63 0.12 0.00	41.86 0.21 0.00	44.15 0.22 0.00	47.81 0.33 0.00	51.11 0.15 0.00	54.77 0.05 0.00	62.23 0.19 0.00	71.57 0.29 0.00	76.09 0.60 0.00	77.17 0.99 0.00	69.03 1.02 0.00	59.58 0.76 0.00	51.49 0.66 0.00	44.65 0.40 0.00
LINDEN COGEN____ 23786	47.12 0.97 0.00	43.19 1.01 0.00	37.43 1.06 0.00	35.34 0.86 0.00	35.32 0.86 0.00	37.37 0.95 0.00	43.41 1.18 0.00	45.15 1.31 0.00	43.61 1.64 0.00	41.44 1.90 0.00	41.24 1.74 0.00	43.23 1.58 0.00	45.53 1.45 -0.15	49.19 1.47 -0.24	52.65 1.58 -0.12	56.09 1.37 0.00	63.35 1.30 0.00	73.00 1.71 0.00	76.62 1.13 0.00	76.94 0.76 0.00	68.42 0.41 0.00	58.70 -0.12 0.00	51.44 0.61 0.00	44.79 0.53 0.00
LINDHRST_69_KV_BK1 356055	46.70 0.55 0.01	43.82 1.64 0.00	38.08 1.71 0.00	35.99 1.52 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.96 1.73 0.00	45.33 1.49 0.00	44.62 2.64 0.00	42.31 2.77 0.00	42.23 2.73 0.00	43.52 1.87 0.00	45.05 1.01 -0.11	46.39 0.95 2.03	49.90 1.12 2.18	50.31 0.93 5.34	56.58 0.99 6.45	72.71 1.43 0.01	72.27 0.75 3.97	66.88 0.53 9.83	52.28 0.27 16.00	47.65 -0.29 10.88	45.46 0.25 5.63	44.41 0.22 0.06
LIPA_MISC_IPP 23656	46.00 -0.14 0.01	43.49 1.31 0.00	37.97 1.60 0.00	36.03 1.55 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.96 1.73 0.00	45.24 1.40 0.00	44.71 2.73 0.00	42.35 2.81 0.00	41.96 2.45 0.00	43.15 1.50 0.00	44.34 0.31 -0.11	45.50 0.43 2.40	48.97 0.56 2.55	48.90 0.38 6.20	54.67 0.12 7.50	72.07 0.78 0.01	71.02 0.15 4.62	64.75 0.00 11.43	49.34 -0.07 18.60	45.35 -0.82 12.65	43.98 -0.30 6.54	43.83 -0.35 0.07
LISF____SOLAR 323691	45.91 -0.23 0.01	43.57 1.39 0.00	38.04 1.67 0.00	35.96 1.48 0.00	35.87 1.41 0.00	37.85 1.42 0.00	43.58 1.35 0.00	45.02 1.18 0.00	44.41 2.43 0.00	42.43 2.89 0.00	41.33 1.82 0.00	42.81 1.16 0.00	43.90 -0.13 -0.11	45.55 0.47 2.40	48.97 0.56 2.54	48.96 0.44 6.19	54.81 0.25 7.49	72.28 1.00 0.01	71.26 0.38 4.61	64.85 0.08 11.41	49.51 0.07 18.57	45.54 -0.65 12.63	44.04 -0.25 6.53	43.12 -1.06 0.07
LITTLE FALLS____HYD 24013	45.09 -1.06 0.00	41.25 -0.93 0.00	35.57 -0.80 0.00	33.72 -0.76 0.00	33.70 -0.76 0.00	35.66 -0.76 0.00	41.34 -0.89 0.00	42.96 -0.88 0.00	41.14 -0.84 0.00	38.64 -0.91 0.00	38.64 -0.87 0.00	40.69 -0.96 0.00	42.83 -1.10 0.00	46.29 -1.19 0.00	49.73 -1.22 0.00	53.41 -1.31 0.00	60.62 -1.43 0.00	69.79 -1.50 0.00	73.98 -1.51 0.00	74.50 -1.68 0.00	66.51 -1.50 0.00	57.41 -1.41 0.00	49.61 -1.22 0.00	43.15 -1.11 0.00

LITTLRIV_115KV_TB1 356100	48.04 1.89 0.00	43.95 1.77 0.00	37.83 1.45 0.00	35.75 1.28 0.00	35.73 1.27 0.00	37.81 1.38 0.00	44.00 1.77 0.00	45.55 1.71 0.00	43.40 1.43 0.00	40.77 1.23 0.00	40.69 1.19 0.00	42.90 1.25 0.00	45.20 1.27 0.00	48.81 1.33 0.00	52.23 1.27 0.00	56.14 1.42 0.00	63.53 1.49 0.00	72.29 1.00 0.00	77.38 1.89 0.00	78.69 2.51 0.00	70.26 2.24 0.00	61.82 3.00 0.00	53.07 2.24 0.00	46.29 2.04 0.00
LI_NEWBRDGE___DRP 323616	46.19 0.05 0.01	43.19 1.01 0.00	37.50 1.13 0.00	35.47 1.00 0.00	35.32 0.86 0.00	37.41 0.98 0.00	43.37 1.14 0.00	44.76 0.92 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.52 2.01 0.00	42.86 1.21 0.00	44.47 0.44 -0.10	45.25 0.38 2.61	48.71 0.51 2.75	48.31 0.27 6.68	54.15 0.19 8.08	71.71 0.43 0.01	70.36 -0.15 4.98	63.42 -0.46 12.31	47.37 -0.61 20.03	44.14 -1.06 13.62	43.38 -0.41 7.05	43.87 -0.31 0.08
LOCKPORT_115KV_TB60_63_64 80432	48.23 2.08 0.00	42.94 0.76 0.00	36.81 0.44 0.00	34.96 0.48 0.00	34.53 0.07 0.00	36.97 0.55 0.00	42.52 0.30 0.00	44.28 0.44 0.00	41.94 -0.04 0.00	40.49 0.95 0.00	41.33 1.82 0.00	44.52 2.87 0.00	47.88 3.95 0.00	51.85 4.37 0.00	55.13 4.18 0.00	59.37 4.65 0.00	67.07 5.03 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.14 3.96 0.00	72.02 4.01 0.00	62.52 3.71 0.00	53.42 2.59 0.00	46.69 2.43 0.00
LOCKPORT___CC1 323769	48.27 2.12 0.00	42.98 0.80 0.00	36.81 0.44 0.00	35.10 0.62 0.00	34.56 0.10 0.00	37.01 0.58 0.00	42.53 0.30 0.00	44.23 0.39 0.00	42.10 0.13 0.00	40.38 0.83 0.00	41.33 1.82 0.00	44.65 3.00 0.00	47.92 4.00 0.00	51.84 4.37 0.00	55.24 4.28 0.00	59.37 4.65 0.00	67.07 5.02 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.14 3.96 0.00	72.09 4.08 0.00	62.53 3.71 0.00	53.62 2.79 0.00	47.00 2.74 0.00
LOCKPORT___CC2 323770	48.27 2.12 0.00	42.98 0.80 0.00	36.81 0.44 0.00	35.10 0.62 0.00	34.56 0.10 0.00	37.01 0.58 0.00	42.53 0.30 0.00	44.23 0.39 0.00	42.10 0.13 0.00	40.38 0.83 0.00	41.33 1.82 0.00	44.65 3.00 0.00	47.92 4.00 0.00	51.84 4.37 0.00	55.24 4.28 0.00	59.37 4.65 0.00	67.07 5.02 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.14 3.96 0.00	72.09 4.08 0.00	62.53 3.71 0.00	53.62 2.79 0.00	47.00 2.74 0.00
LOCKPORT___CC3 323771	48.27 2.12 0.00	42.98 0.80 0.00	36.81 0.44 0.00	35.10 0.62 0.00	34.56 0.10 0.00	37.01 0.58 0.00	42.53 0.30 0.00	44.23 0.39 0.00	42.10 0.13 0.00	40.38 0.83 0.00	41.33 1.82 0.00	44.65 3.00 0.00	47.92 4.00 0.00	51.84 4.37 0.00	55.24 4.28 0.00	59.37 4.65 0.00	67.07 5.02 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.14 3.96 0.00	72.09 4.08 0.00	62.53 3.71 0.00	53.62 2.79 0.00	47.00 2.74 0.00
LOCUSVLY_69_KV_BK2 55797	46.84 0.69 0.00	43.57 1.39 0.00	37.79 1.42 0.00	35.72 1.24 0.00	35.59 1.14 0.00	37.70 1.27 0.00	43.71 1.48 0.00	45.20 1.36 0.00	44.20 2.22 0.00	41.92 2.37 0.00	41.92 2.41 0.00	43.44 1.79 0.00	45.29 1.23 -0.13	47.66 1.28 1.10	51.20 1.48 1.23	52.90 1.31 3.13	59.43 1.18 3.79	72.85 1.57 0.00	74.06 0.91 2.33	71.01 0.61 5.78	58.88 0.27 9.40	52.31 -0.12 6.39	47.83 0.30 3.30	44.53 0.31 0.04
LONG_LAKE_PHOENIX 24014	45.64 -0.51 0.00	41.50 -0.67 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.65 0.00	35.81 -0.62 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.35 -0.63 0.00	38.99 -0.55 0.00	39.07 -0.43 0.00	41.27 -0.37 0.00	43.66 -0.26 0.00	47.24 -0.24 0.00	50.65 -0.31 0.00	54.39 -0.33 0.00	61.67 -0.37 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.80 -0.38 0.00	67.74 -0.27 0.00	58.47 -0.35 0.00	50.48 -0.36 0.00	43.86 -0.40 0.00
LOVETT___3 23632	47.03 0.88 0.00	43.11 0.93 0.00	37.32 0.95 0.00	35.30 0.83 0.00	35.28 0.83 0.00	37.34 0.91 0.00	43.33 1.10 0.00	44.89 1.05 0.00	43.24 1.26 0.00	40.85 1.30 0.00	40.73 1.22 0.00	42.73 1.08 0.00	44.95 0.88 -0.14	48.56 0.85 -0.23	52.09 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.50 1.21 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.64 -0.18 0.00	51.24 0.41 0.00	44.70 0.44 0.00
LOVETT___4 23642	47.03 0.88 0.00	43.11 0.93 0.00	37.32 0.95 0.00	35.30 0.83 0.00	35.28 0.83 0.00	37.34 0.91 0.00	43.33 1.10 0.00	44.89 1.05 0.00	43.24 1.26 0.00	40.85 1.30 0.00	40.73 1.22 0.00	42.73 1.08 0.00	44.95 0.88 -0.14	48.56 0.85 -0.23	52.09 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.50 1.21 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.64 -0.18 0.00	51.24 0.41 0.00	44.70 0.44 0.00
LOVETT___5 23593	47.03 0.88 0.00	43.11 0.93 0.00	37.32 0.95 0.00	35.30 0.83 0.00	35.28 0.83 0.00	37.34 0.91 0.00	43.33 1.10 0.00	44.89 1.05 0.00	43.24 1.26 0.00	40.85 1.30 0.00	40.73 1.22 0.00	42.73 1.08 0.00	44.95 0.88 -0.14	48.56 0.85 -0.23	52.09 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.50 1.21 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.64 -0.18 0.00	51.24 0.41 0.00	44.70 0.44 0.00
LOWER RAQUET___HYD 24057	47.58 1.43 0.00	43.49 1.31 0.00	37.43 1.06 0.00	35.41 0.93 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.54 1.31 0.00	45.15 1.31 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.58 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.61 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.16 1.12 0.00	71.65 0.36 0.00	76.55 1.06 0.00	77.55 1.37 0.00	69.10 1.08 0.00	60.93 2.11 0.00	52.41 1.58 0.00	45.89 1.64 0.00
LOWER___HUDSON 24059	47.02 0.87 0.00	43.19 1.01 0.00	37.31 0.94 0.00	35.41 0.93 0.00	35.42 0.96 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.86 0.88 0.00	40.14 0.59 0.00	39.86 0.35 0.00	41.90 0.25 0.00	43.80 0.04 0.18	47.24 0.05 0.28	51.02 0.20 0.14	54.94 0.22 0.00	62.35 0.31 0.00	72.21 0.92 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.96 0.95 0.00	59.58 0.76 0.00	51.69 0.86 0.00	44.96 0.71 0.00
LOWVILLE_115KV_TB2 356335	48.23 2.08 0.00	43.36 1.18 0.00	37.13 0.76 0.00	34.96 0.48 0.00	34.91 0.45 0.00	37.12 0.69 0.00	43.24 1.01 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.61 1.07 0.00	40.73 1.22 0.00	42.94 1.29 0.00	45.11 1.19 0.00	48.85 1.38 0.00	52.33 1.38 0.00	56.25 1.53 0.00	63.90 1.86 0.00	73.57 2.28 0.00	78.59 3.10 0.00	79.91 3.73 0.00	71.00 2.99 0.00	61.35 2.53 0.00	52.56 1.73 0.00	45.36 1.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.67 1.52 0.00	43.65 1.48 0.00	37.72 1.35 0.00	35.75 1.28 0.00	35.77 1.31 0.00	37.85 1.42 0.00	43.75 1.52 0.00	45.29 1.45 0.00	43.15 1.18 0.00	40.41 0.87 0.00	40.06 0.55 0.00	42.15 0.50 0.00	44.14 0.35 0.14	47.64 0.38 0.22	51.46 0.61 0.11	55.54 0.82 0.00	63.04 0.99 0.00	72.93 1.64 0.00	77.83 2.34 0.00	78.47 2.29 0.00	70.39 2.38 0.00	60.82 2.00 0.00	52.66 1.83 0.00	45.76 1.50 0.00

LUTHERNY_35_KV_BK2 355980	47.72 1.57 0.00	43.70 1.52 0.00	37.75 1.38 0.00	35.78 1.31 0.00	35.80 1.34 0.00	37.88 1.46 0.00	43.79 1.56 0.00	45.33 1.49 0.00	43.20 1.22 0.00	40.41 0.87 0.00	40.06 0.55 0.00	42.19 0.54 0.00	44.19 0.40 0.14	47.64 0.38 0.22	51.51 0.66 0.11	55.54 0.82 0.00	63.10 1.05 0.00	73.00 1.71 0.00	77.91 2.42 0.00	78.54 2.36 0.00	70.39 2.38 0.00	60.88 2.06 0.00	52.71 1.88 0.00	45.80 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	47.76 1.62 0.00	43.44 1.27 0.00	37.32 0.95 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.30 0.87 0.00	43.45 1.22 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.67 1.42 0.00
LYONS_FALL_HYD 23570	47.90 1.75 0.00	43.23 1.05 0.00	37.10 0.73 0.00	34.99 0.52 0.00	34.94 0.48 0.00	37.12 0.69 0.00	43.16 0.93 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.46 0.91 0.00	40.58 1.07 0.00	42.77 1.12 0.00	45.03 1.10 0.00	48.76 1.28 0.00	52.23 1.27 0.00	56.14 1.42 0.00	63.84 1.80 0.00	73.50 2.21 0.00	78.29 2.79 0.00	79.45 3.27 0.00	70.73 2.72 0.00	61.05 2.23 0.00	52.46 1.63 0.00	45.32 1.06 0.00
MADISON___COUNTY_LFGE 323628	47.53 1.38 0.00	43.19 1.01 0.00	37.17 0.80 0.00	35.13 0.66 0.00	35.08 0.62 0.00	37.19 0.76 0.00	43.20 0.97 0.00	44.94 1.10 0.00	42.99 1.01 0.00	40.34 0.79 0.00	40.46 0.95 0.00	42.73 1.08 0.00	44.98 1.05 0.00	48.76 1.28 0.00	52.28 1.32 0.00	56.31 1.59 0.00	63.97 1.92 0.00	73.64 2.35 0.00	78.21 2.72 0.00	79.23 3.05 0.00	70.87 2.86 0.00	61.05 2.24 0.00	52.51 1.68 0.00	45.49 1.24 0.00
MALONE___115KV_TB1 356076	47.03 0.88 0.00	43.19 1.01 0.00	37.21 0.84 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.23 0.80 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.57 1.03 0.00	40.54 1.03 0.00	42.69 1.04 0.00	45.03 1.10 0.00	48.52 1.04 0.00	51.92 0.97 0.00	55.81 1.09 0.00	63.28 1.24 0.00	72.64 1.35 0.00	77.45 1.96 0.00	78.47 2.29 0.00	69.78 1.77 0.00	60.88 2.06 0.00	52.30 1.47 0.00	45.67 1.42 0.00
MAPLEWOD_115KV_TB3 80458	46.66 0.51 0.00	42.77 0.59 0.00	36.95 0.58 0.00	35.09 0.62 0.00	35.15 0.69 0.00	37.05 0.62 0.00	42.86 0.63 0.00	44.41 0.57 0.00	42.52 0.55 0.00	39.90 0.36 0.00	39.63 0.12 0.00	41.69 0.04 0.00	43.67 -0.13 0.13	47.12 -0.14 0.21	50.85 0.00 0.10	54.72 0.00 0.00	62.04 0.00 0.00	71.72 0.43 0.00	76.09 0.60 0.00	76.56 0.38 0.00	68.42 0.41 0.00	59.11 0.29 0.00	51.29 0.46 0.00	44.61 0.35 0.00
MAPLE_RIDGE_WT_1 323574	45.83 -0.32 0.00	41.84 -0.34 0.00	36.08 -0.29 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.13 -0.29 0.00	41.93 -0.29 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.43 -0.08 0.00	41.57 -0.08 0.00	43.84 -0.09 0.00	47.34 -0.14 0.00	50.75 -0.20 0.00	54.50 -0.22 0.00	61.86 -0.19 0.00	71.08 -0.21 0.00	75.34 -0.15 0.00	76.03 -0.15 0.00	67.67 -0.34 0.00	58.47 -0.35 0.00	50.37 -0.46 0.00	43.77 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	45.83 -0.32 0.00	41.84 -0.34 0.00	36.08 -0.29 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.13 -0.29 0.00	41.93 -0.29 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.43 -0.08 0.00	41.57 -0.08 0.00	43.84 -0.09 0.00	47.34 -0.14 0.00	50.75 -0.20 0.00	54.50 -0.22 0.00	61.86 -0.19 0.00	71.08 -0.21 0.00	75.34 -0.15 0.00	76.03 -0.15 0.00	67.67 -0.34 0.00	58.47 -0.35 0.00	50.37 -0.46 0.00	43.77 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	46.38 0.23 0.00	42.48 0.30 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.61 0.18 0.00	42.56 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.86 0.31 0.00	39.79 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.57 0.10 0.00	50.96 0.00 0.00	54.72 0.00 0.00	62.04 0.00 0.00	71.58 0.29 0.00	76.09 0.60 0.00	76.86 0.68 0.00	68.49 0.48 0.00	59.53 0.71 0.00	51.24 0.40 0.00	44.96 0.71 0.00
MARSHVLE_115KV_TB1 80742	49.89 3.74 0.00	45.51 3.33 0.00	39.17 2.80 0.00	37.13 2.65 0.00	37.14 2.69 0.00	39.45 3.02 0.00	45.52 3.29 0.00	46.60 2.76 0.00	43.95 1.97 0.00	40.85 1.30 0.00	40.65 1.15 0.00	42.65 1.00 0.00	44.77 0.92 0.08	48.35 1.00 0.13	52.42 1.53 0.06	56.69 1.97 0.00	64.59 2.54 0.00	74.93 3.64 0.00	81.00 5.51 0.00	82.73 6.55 0.00	74.61 6.60 0.00	64.47 5.65 0.00	55.46 4.63 0.00	48.06 3.81 0.00
MARSH_HILL_WT_PWR 323713	48.32 2.17 0.00	43.19 1.01 0.00	36.99 0.62 0.00	35.10 0.62 0.00	34.87 0.41 0.00	37.37 0.95 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.57 0.59 0.00	40.46 0.91 0.00	41.09 1.58 0.00	44.11 2.46 0.00	47.26 3.34 0.00	51.18 3.71 0.00	54.78 3.82 0.00	59.15 4.43 0.00	67.01 4.97 0.00	75.64 4.35 0.00	80.17 4.68 0.00	82.13 5.95 0.00	73.45 5.44 0.00	63.29 4.47 0.00	54.24 3.41 0.00	47.35 3.10 0.00
MCINTYRE_115KV_TB2 80467	48.18 2.03 0.00	44.12 1.94 0.00	37.97 1.60 0.00	35.89 1.41 0.00	35.84 1.38 0.00	37.92 1.49 0.00	44.09 1.86 0.00	45.59 1.75 0.00	43.40 1.43 0.00	40.77 1.23 0.00	40.61 1.11 0.00	42.77 1.12 0.00	45.11 1.19 0.00	48.71 1.23 0.00	52.18 1.22 0.00	56.03 1.31 0.00	63.59 1.55 0.00	72.43 1.14 0.00	77.68 2.19 0.00	79.07 2.89 0.00	70.66 2.65 0.00	62.11 3.29 0.00	53.32 2.49 0.00	46.47 2.21 0.00
MECO_____69_KV_BK1 80468	49.79 3.65 0.00	45.51 3.33 0.00	39.17 2.80 0.00	37.13 2.65 0.00	37.18 2.72 0.00	39.45 3.02 0.00	45.61 3.38 0.00	46.78 2.94 0.00	43.99 2.01 0.00	40.77 1.23 0.00	40.38 0.87 0.00	42.36 0.71 0.00	44.37 0.53 0.09	47.95 0.62 0.14	52.01 1.12 0.07	56.42 1.70 0.00	64.46 2.42 0.00	75.07 3.78 0.00	81.23 5.74 0.00	82.81 6.63 0.00	74.54 6.53 0.00	64.47 5.65 0.00	55.46 4.63 0.00	48.06 3.81 0.00
MENANDS___115KV_TB5 355628	46.33 0.18 0.00	42.47 0.30 0.00	36.73 0.36 0.00	34.89 0.41 0.00	34.94 0.48 0.00	36.79 0.36 0.00	42.57 0.34 0.00	44.15 0.31 0.00	42.31 0.34 0.00	39.70 0.16 0.00	39.43 -0.08 0.00	41.44 -0.21 0.00	43.40 -0.40 0.13	46.84 -0.43 0.21	50.55 -0.31 0.10	54.34 -0.38 0.00	61.61 -0.43 0.00	71.22 -0.07 0.00	75.49 0.00 0.00	75.95 -0.23 0.00	67.81 -0.20 0.00	58.58 -0.24 0.00	50.83 0.00 0.00	44.26 0.00 0.00
MG INDUSTRY___DRP 24185	46.52 0.37 0.00	42.64 0.46 0.00	36.84 0.47 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.86 0.44 0.00	42.65 0.42 0.00	44.15 0.31 0.00	42.19 0.21 0.00	39.54 0.00 0.00	39.31 -0.20 0.00	41.32 -0.33 0.00	43.37 -0.48 0.07	46.84 -0.52 0.12	50.49 -0.41 0.06	54.23 -0.49 0.00	61.55 -0.50 0.00	71.08 -0.21 0.00	75.49 0.00 0.00	76.18 0.00 0.00	68.08 0.07 0.00	58.88 0.06 0.00	51.09 0.25 0.00	44.48 0.22 0.00

MID___OSWEGATCHIE_HYD 23849	47.76 1.62 0.00	43.44 1.27 0.00	37.32 0.95 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.30 0.87 0.00	43.45 1.22 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.67 1.42 0.00
MID___RAQUETTE_HYD 23851	47.53 1.38 0.00	43.49 1.31 0.00	37.43 1.05 0.00	35.40 0.93 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.62 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.16 1.12 0.00	71.65 0.36 0.00	76.55 1.06 0.00	77.55 1.37 0.00	69.10 1.09 0.00	60.94 2.12 0.00	52.36 1.52 0.00	45.76 1.50 0.00
MILLIKEN___1 23584	47.30 1.15 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.91 0.45 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.72 0.88 0.00	42.65 0.67 0.00	40.18 0.63 0.00	40.30 0.79 0.00	42.65 1.00 0.00	45.16 1.23 0.00	48.85 1.38 0.00	52.38 1.43 0.00	56.53 1.81 0.00	64.21 2.17 0.00	73.71 2.42 0.00	78.21 2.72 0.00	79.38 3.20 0.00	70.94 2.92 0.00	61.17 2.35 0.00	52.51 1.68 0.00	45.63 1.37 0.00
MILLIKEN___2 23585	47.30 1.15 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.91 0.45 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.72 0.88 0.00	42.65 0.67 0.00	40.18 0.63 0.00	40.30 0.79 0.00	42.65 1.00 0.00	45.16 1.23 0.00	48.85 1.38 0.00	52.38 1.43 0.00	56.53 1.81 0.00	64.21 2.17 0.00	73.71 2.42 0.00	78.21 2.72 0.00	79.38 3.20 0.00	70.94 2.92 0.00	61.17 2.35 0.00	52.51 1.68 0.00	45.63 1.37 0.00
MILLIKEN___DIESEL 23629	47.30 1.15 0.00	42.94 0.76 0.00	36.88 0.51 0.00	34.96 0.48 0.00	34.91 0.45 0.00	37.05 0.62 0.00	42.99 0.76 0.00	44.72 0.88 0.00	42.65 0.67 0.00	40.18 0.63 0.00	40.30 0.79 0.00	42.65 1.00 0.00	45.16 1.23 0.00	48.85 1.38 0.00	52.38 1.43 0.00	56.53 1.81 0.00	64.21 2.17 0.00	73.71 2.42 0.00	78.21 2.72 0.00	79.38 3.20 0.00	70.94 2.92 0.00	61.17 2.35 0.00	52.51 1.68 0.00	45.63 1.37 0.00
MILLSEAT___LFGE 323607	49.24 3.09 0.00	43.95 1.77 0.00	37.61 1.24 0.00	35.75 1.28 0.00	35.28 0.83 0.00	37.74 1.31 0.00	43.45 1.23 0.00	45.46 1.62 0.00	43.24 1.26 0.00	41.28 1.74 0.00	41.68 2.17 0.00	44.98 3.33 0.00	48.28 4.35 0.00	52.27 4.79 0.00	55.80 4.84 0.00	60.03 5.31 0.00	67.81 5.77 0.00	75.71 4.42 0.00	80.02 4.53 0.00	81.59 5.41 0.00	73.72 5.71 0.00	63.82 5.00 0.00	55.05 4.22 0.00	47.97 3.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.16 1.02 0.00	43.23 1.05 0.00	37.43 1.05 0.00	35.37 0.90 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.45 1.22 0.00	45.07 1.23 0.00	43.45 1.47 0.00	41.05 1.50 0.00	40.93 1.42 0.00	42.94 1.29 0.00	45.17 1.10 -0.15	48.86 1.14 -0.24	52.40 1.32 -0.12	55.87 1.15 0.00	63.22 1.18 0.00	72.93 1.64 0.00	76.70 1.21 0.00	77.09 0.91 0.00	68.69 0.68 0.00	58.94 0.12 0.00	51.49 0.66 0.00	44.92 0.66 0.00
MILLWOOD_13_KV_LOAD 356217	47.26 1.11 0.00	43.36 1.18 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.53 1.55 0.00	41.13 1.58 0.00	41.01 1.50 0.00	43.02 1.37 0.00	45.31 1.23 -0.15	49.00 1.28 -0.24	52.55 1.48 -0.12	56.09 1.37 0.00	63.41 1.36 0.00	73.21 1.92 0.00	76.93 1.43 0.00	77.32 1.14 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.64 0.81 0.00	45.01 0.75 0.00
MODEL_CITY_ENERGY 24167	47.76 1.61 0.00	42.56 0.38 0.00	36.44 0.07 0.00	34.85 0.38 0.00	34.22 -0.24 0.00	36.65 0.22 0.00	42.10 -0.13 0.00	43.80 -0.04 0.00	41.64 -0.34 0.00	39.98 0.44 0.00	40.93 1.42 0.00	44.19 2.54 0.00	47.44 3.52 0.00	51.28 3.80 0.00	54.67 3.72 0.00	58.71 3.99 0.00	66.26 4.22 0.00	73.64 2.35 0.00	77.68 2.19 0.00	79.23 3.05 0.00	71.21 3.20 0.00	61.82 3.00 0.00	53.02 2.18 0.00	46.51 2.26 0.00
MODERN_LFGE___ 323580	47.76 1.61 0.00	42.56 0.38 0.00	36.44 0.07 0.00	34.85 0.38 0.00	34.22 -0.24 0.00	36.65 0.22 0.00	42.10 -0.13 0.00	43.80 -0.04 0.00	41.64 -0.34 0.00	39.98 0.44 0.00	40.93 1.42 0.00	44.19 2.54 0.00	47.44 3.52 0.00	51.28 3.80 0.00	54.67 3.72 0.00	58.71 3.99 0.00	66.26 4.22 0.00	73.64 2.35 0.00	77.68 2.19 0.00	79.23 3.05 0.00	71.21 3.20 0.00	61.82 3.00 0.00	53.02 2.18 0.00	46.51 2.26 0.00
MOHAWK_PAPER___DRP 24187	46.66 0.51 0.00	42.77 0.59 0.00	36.95 0.58 0.00	35.09 0.62 0.00	35.15 0.69 0.00	37.05 0.62 0.00	42.86 0.63 0.00	44.41 0.57 0.00	42.52 0.55 0.00	39.90 0.36 0.00	39.63 0.12 0.00	41.69 0.04 0.13	43.67 -0.13 0.21	47.12 -0.14 0.10	50.85 0.00 0.00	54.72 0.00 0.00	62.04 0.00 0.00	71.72 0.43 0.00	76.09 0.60 0.00	76.56 0.38 0.00	68.42 0.41 0.00	59.11 0.29 0.00	51.29 0.46 0.00	44.61 0.35 0.00
MOHICAN___35_KV_115KV_LD 80490	47.76 1.62 0.00	43.74 1.56 0.00	37.79 1.42 0.00	35.82 1.34 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.15 1.18 0.00	40.38 0.83 0.00	39.86 0.36 0.00	41.94 0.29 0.13	43.84 0.04 0.22	47.26 0.00 0.10	51.16 0.31 0.00	55.27 0.55 0.00	62.79 0.74 0.00	72.72 1.43 0.00	78.21 2.72 0.00	78.92 2.74 0.00	70.94 2.92 0.00	61.41 2.59 0.00	53.02 2.19 0.00	46.03 1.77 0.00
MONGAUP___HYD 23641	47.40 1.25 0.00	43.36 1.18 0.00	37.46 1.09 0.00	35.44 0.96 0.00	35.42 0.96 0.00	37.45 1.02 0.00	43.45 1.23 0.00	45.02 1.18 0.00	43.15 1.17 0.00	40.57 1.03 0.00	40.42 0.91 0.00	42.40 0.75 0.00	44.75 0.70 -0.12	48.44 0.76 -0.20	52.07 1.02 -0.10	55.81 1.09 0.00	63.28 1.24 0.00	73.21 1.93 0.00	77.30 1.81 0.00	78.08 1.91 0.00	69.58 1.57 0.00	59.82 1.00 0.00	52.05 1.22 0.00	45.19 0.93 0.00
MONTAUK___DIESEL 23721	47.94 1.80 0.01	45.13 2.95 0.00	39.46 3.09 0.00	37.40 2.93 0.00	37.04 2.58 0.00	39.20 2.77 0.00	45.31 3.08 0.00	46.73 2.89 0.00	46.26 4.28 0.00	43.97 4.43 0.00	43.74 4.23 0.00	45.15 3.50 0.00	46.41 2.37 -0.11	47.78 2.71 2.40	51.57 3.16 2.55	51.80 3.28 6.20	58.15 3.60 7.49	76.06 4.78 0.01	74.87 4.00 4.62	68.34 3.58 11.42	52.35 2.92 18.59	47.88 1.71 12.64	45.97 1.68 6.54	45.51 1.33 0.07
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.69 2.54 0.00	43.11 0.93 0.00	36.88 0.51 0.00	34.92 0.45 0.00	34.59 0.14 0.00	37.19 0.76 0.00	43.16 0.93 0.00	44.94 1.10 0.00	42.94 0.97 0.00	41.48 1.94 0.00	42.55 3.04 0.00	45.90 4.25 0.00	49.68 5.75 0.00	54.03 6.55 0.00	57.63 6.68 0.00	62.93 8.21 0.00	71.16 9.12 0.00	78.77 7.49 0.00	83.12 7.62 0.00	84.94 8.76 0.00	75.83 7.82 0.00	65.47 6.65 0.00	55.35 4.52 0.00	47.97 3.72 0.00

MORRIS_RIDGE___SOLAR 323848	48.00 1.85 0.00	42.89 0.72 0.00	36.77 0.40 0.00	34.89 0.42 0.00	34.63 0.17 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.28 0.44 0.00	41.98 0.00 0.00	39.98 0.44 0.00	40.69 1.18 0.00	43.77 2.12 0.00	46.96 3.03 0.00	50.85 3.37 0.00	54.37 3.41 0.00	58.55 3.83 0.00	66.20 4.16 0.00	74.57 3.28 0.00	79.04 3.55 0.00	80.90 4.72 0.00	72.57 4.56 0.00	62.64 3.82 0.00	53.68 2.84 0.00	46.96 2.70 0.00
MORTIMER_115KV_TB3 55949	47.49 1.34 0.00	42.81 0.63 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.56 0.10 0.00	36.79 0.36 0.00	42.52 0.30 0.00	44.41 0.57 0.00	42.36 0.38 0.00	40.34 0.79 0.00	40.77 1.26 0.00	43.61 1.96 0.00	46.56 2.64 0.00	50.42 2.94 0.00	53.86 2.90 0.00	58.06 3.34 0.00	65.70 3.66 0.00	74.21 2.92 0.00	78.36 2.87 0.00	79.46 3.28 0.00	71.55 3.54 0.00	61.88 3.06 0.00	52.76 1.93 0.00	45.85 1.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.48 1.94 0.00	41.36 1.86 0.00	43.40 1.75 0.00	45.66 1.58 -0.15	49.33 1.61 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.96 0.95 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
MUNSVILLE_WIND_PWR 323609	49.79 3.64 0.00	45.09 2.91 0.00	38.70 2.33 0.00	36.54 2.07 0.00	36.45 2.00 0.00	38.87 2.44 0.00	45.31 3.08 0.00	47.26 3.42 0.00	44.87 2.89 0.00	41.80 2.25 0.00	42.16 2.65 0.00	44.65 3.00 0.00	47.05 3.12 0.00	50.99 3.51 0.00	54.78 3.82 0.00	59.32 4.60 0.00	67.69 5.65 0.00	77.99 6.70 0.00	83.19 7.70 0.00	84.63 8.46 0.00	75.83 7.82 0.00	65.12 6.30 0.00	55.71 4.88 0.00	48.06 3.81 0.00
N SALMON___HYD 24042	47.21 1.06 0.00	43.19 1.01 0.00	37.21 0.84 0.00	35.23 0.76 0.00	35.21 0.76 0.00	37.23 0.80 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.03 1.05 0.00	40.57 1.03 0.00	40.53 1.03 0.00	42.69 1.04 0.00	45.03 1.10 0.00	48.52 1.04 0.00	51.92 0.97 0.00	55.81 1.09 0.00	63.28 1.24 0.00	72.64 1.35 0.00	77.45 1.96 0.00	78.46 2.28 0.00	69.78 1.77 0.00	60.88 2.06 0.00	52.31 1.48 0.00	45.80 1.55 0.00
N.AKRON__115KV_KNAPP 355671	49.43 3.28 0.00	44.20 2.02 0.00	37.79 1.42 0.00	35.82 1.34 0.00	35.46 1.00 0.00	37.96 1.53 0.00	43.71 1.48 0.00	45.73 1.89 0.00	43.36 1.39 0.00	41.60 2.06 0.00	41.84 2.33 0.00	45.02 3.37 0.00	48.36 4.44 0.00	52.46 4.99 0.00	55.90 4.94 0.00	60.25 5.53 0.00	68.06 6.02 0.00	76.07 4.78 0.00	80.40 4.91 0.00	81.97 5.79 0.00	74.06 6.05 0.00	64.11 5.29 0.00	55.10 4.27 0.00	47.93 3.67 0.00
N.E_GEN_SANDY PD 24062	46.84 0.69 0.00	43.07 0.89 0.00	37.28 0.91 0.00	35.30 0.83 0.00	35.35 0.89 0.00	37.30 0.87 0.00	43.20 0.97 0.00	44.76 0.92 0.00	42.90 0.92 0.00	40.22 0.67 0.00	39.94 0.44 0.00	41.90 0.25 0.00	43.00 0.04 0.97	45.90 0.00 1.58	50.30 0.10 0.76	54.72 0.00 0.00	60.09 0.00 1.95	73.88 0.64 -1.95	76.02 0.53 0.00	76.49 0.31 0.00	68.22 0.20 0.00	58.76 -0.06 0.00	51.19 0.36 0.00	44.52 0.27 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.12 0.97 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.37 0.90 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.41 1.18 0.00	44.98 1.14 0.00	43.28 1.30 0.00	40.89 1.34 0.00	40.81 1.30 0.00	42.81 1.17 0.00	45.03 0.97 -0.14	48.70 1.00 -0.23	52.24 1.17 -0.11	55.76 1.04 0.00	63.10 1.05 0.00	72.79 1.50 0.00	76.47 0.98 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.82 0.00 0.00	51.39 0.56 0.00	44.83 0.58 0.00
N.QUEENS_27_KV_LOAD 356247	47.90 1.75 0.00	43.91 1.73 0.00	38.01 1.64 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.99 1.57 0.00	43.83 1.60 0.00	45.29 1.45 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.76 2.25 0.00	43.73 2.08 0.00	46.05 1.98 -0.15	49.67 1.95 -0.24	53.06 1.99 -0.12	56.42 1.70 0.00	63.35 1.30 0.00	73.07 1.78 0.00	76.85 1.36 0.00	77.25 1.07 0.00	68.76 0.75 0.00	58.88 0.06 0.00	52.41 1.58 0.00	45.72 1.46 0.00
N.TROY___115KV_TB1 355778	47.07 0.92 0.00	43.19 1.01 0.00	37.32 0.95 0.00	35.37 0.90 0.00	35.42 0.96 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.86 0.88 0.00	40.14 0.59 0.00	39.82 0.32 0.00	41.90 0.25 0.00	43.80 0.04 0.18	47.24 0.05 0.28	51.02 0.20 0.14	54.94 0.22 0.00	62.35 0.31 0.00	72.22 0.93 0.00	76.62 1.13 0.00	77.17 0.99 0.00	69.03 1.02 0.00	59.58 0.76 0.00	51.70 0.86 0.00	45.01 0.75 0.00
NARROWS_GT1_1 24228	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_2 24229	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_3 24230	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_4 24231	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_5 24232	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01

NARROWS_GT1_6 24233	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_7 24234	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT1_8 24235	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_1 24236	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_2 24237	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_3 24238	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_4 24239	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_5 24240	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_6 24241	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_7 24242	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NARROWS_GT2_8 24243	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.12 0.97 0.00	43.11 0.93 0.00	37.21 0.84 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.23 0.80 0.00	43.16 0.93 0.00	44.59 0.75 0.00	42.48 0.50 0.00	39.62 0.08 0.00	39.27 -0.24 0.00	41.27 -0.37 0.00	43.88 0.00 0.05	47.44 0.05 0.08	51.27 0.36 0.04	54.61 -0.11 0.00	62.04 0.00 0.00	72.07 0.78 0.00	76.85 1.36 0.00	77.63 1.45 0.00	69.44 1.43 0.00	60.05 1.24 0.00	52.00 1.17 0.00	45.14 0.89 0.00
NCHELSEA_115KV_TR2 355582	47.53 1.38 0.00	43.49 1.31 0.00	37.61 1.24 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.59 1.17 0.00	43.66 1.44 0.00	45.24 1.40 0.00	43.53 1.55 0.00	40.97 1.42 0.00	40.85 1.34 0.00	42.86 1.21 0.00	45.19 1.14 -0.12	48.95 1.28 -0.19	52.63 1.58 -0.09	56.25 1.53 0.00	63.59 1.55 0.00	73.50 2.21 0.00	77.38 1.89 0.00	77.86 1.68 0.00	69.37 1.36 0.00	59.58 0.76 0.00	52.00 1.17 0.00	45.27 1.02 0.00
NEG CAPITAL___MECHNVIL 23645	47.72 1.57 0.00	43.78 1.60 0.00	37.79 1.42 0.00	35.82 1.34 0.00	35.87 1.41 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.42 1.58 0.00	43.28 1.30 0.00	40.53 0.99 0.00	40.22 0.71 0.00	42.31 0.66 0.00	44.31 0.53 0.15	47.81 0.57 0.24	51.65 0.81 0.12	55.76 1.04 0.00	63.28 1.24 0.00	73.21 1.93 0.00	78.06 2.57 0.00	78.69 2.51 0.00	70.53 2.52 0.00	60.93 2.11 0.00	52.71 1.88 0.00	45.80 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.43 0.28 0.00	41.93 -0.25 0.00	35.94 -0.43 0.00	34.02 -0.45 0.00	33.90 -0.55 0.00	36.06 -0.36 0.00	41.72 -0.50 0.00	43.62 -0.22 0.00	41.69 -0.29 0.00	39.51 -0.04 0.00	39.90 0.40 0.00	42.65 1.00 0.00	45.42 1.49 0.00	49.18 1.71 0.00	52.69 1.73 0.00	56.69 1.97 0.00	64.21 2.17 0.00	72.79 1.50 0.00	76.92 1.43 0.00	77.85 1.67 0.00	70.05 2.04 0.00	60.46 1.64 0.00	51.75 0.92 0.00	44.88 0.62 0.00

NEG CENTRAL___DRP 24199	47.03 0.88 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.59 0.14 0.00	36.79 0.36 0.00	42.69 0.46 0.00	44.45 0.61 0.00	42.40 0.42 0.00	40.10 0.55 0.00	40.34 0.83 0.00	42.86 1.21 0.00	45.55 1.63 0.00	49.23 1.76 0.00	52.69 1.73 0.00	56.85 2.13 0.00	64.46 2.42 0.00	73.64 2.35 0.00	77.98 2.49 0.00	79.15 2.97 0.00	70.80 2.79 0.00	61.05 2.24 0.00	52.25 1.42 0.00	45.54 1.28 0.00
NEG CENTRAL___INDECK 23768	49.47 3.32 0.00	44.37 2.19 0.00	37.93 1.56 0.00	35.96 1.48 0.00	35.73 1.28 0.00	38.21 1.78 0.00	44.13 1.90 0.00	45.77 1.93 0.00	43.28 1.30 0.00	40.93 1.38 0.00	41.40 1.90 0.00	44.35 2.71 0.00	47.44 3.52 0.00	51.37 3.89 0.00	55.14 4.18 0.00	57.51 2.79 0.00	65.14 3.10 0.00	73.85 2.56 0.00	78.97 3.47 0.00	81.06 4.88 0.00	73.32 5.31 0.00	63.41 4.59 0.00	55.66 4.83 0.00	48.28 4.03 0.00
NEG CENTRAL___SENECA 23627	47.49 1.34 0.00	43.02 0.84 0.00	36.88 0.51 0.00	34.92 0.45 0.00	34.84 0.38 0.00	37.12 0.69 0.00	43.07 0.84 0.00	44.85 1.01 0.00	42.69 0.71 0.00	40.45 0.91 0.00	40.77 1.26 0.00	43.40 1.75 0.00	46.21 2.28 0.00	49.90 2.42 0.00	53.35 2.39 0.00	57.67 2.95 0.00	65.46 3.41 0.00	74.50 3.21 0.00	78.96 3.47 0.00	80.22 4.04 0.00	71.89 3.88 0.00	61.94 3.12 0.00	52.86 2.03 0.00	46.16 1.90 0.00
NEG CENTRAL___STATE_STREET 24147	46.79 0.65 0.00	42.47 0.30 0.00	36.48 0.11 0.00	34.54 0.07 0.00	34.49 0.03 0.00	36.61 0.18 0.00	42.52 0.30 0.00	44.28 0.44 0.00	42.31 0.34 0.00	39.90 0.36 0.00	40.06 0.55 0.00	42.44 0.79 0.00	44.98 1.05 0.00	48.66 1.19 0.00	52.13 1.17 0.00	56.20 1.48 0.00	63.72 1.68 0.00	73.00 1.71 0.00	77.38 1.89 0.00	78.39 2.21 0.00	70.05 2.04 0.00	60.47 1.65 0.00	51.85 1.02 0.00	45.05 0.80 0.00
NEG MILLWOOD___DRP 24198	47.58 1.43 0.00	43.61 1.43 0.00	37.68 1.31 0.00	35.61 1.14 0.00	35.66 1.21 0.00	37.70 1.27 0.00	43.79 1.56 0.00	45.38 1.53 0.00	43.70 1.72 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.15 1.50 0.00	45.47 1.41 -0.13	49.31 1.61 -0.21	52.94 1.89 -0.10	56.58 1.86 0.00	63.97 1.92 0.00	74.00 2.71 0.00	77.76 2.26 0.00	78.16 1.98 0.00	69.64 1.63 0.00	59.70 0.88 0.00	52.10 1.27 0.00	45.36 1.11 0.00
NEG NORTH_FLCN_SEA 23793	45.87 -0.28 0.00	42.43 0.25 0.00	36.55 0.18 0.00	34.61 0.14 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.57 0.34 0.00	44.15 0.31 0.00	42.23 0.25 0.00	39.82 0.28 0.00	39.78 0.28 0.00	41.90 0.25 0.00	44.19 0.26 0.00	47.33 -0.14 0.00	50.65 -0.31 0.00	54.39 -0.33 0.00	61.73 -0.31 0.00	71.57 0.29 0.00	76.25 0.75 0.00	77.02 0.84 0.00	68.55 0.54 0.00	59.64 0.82 0.00	51.29 0.46 0.00	45.05 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	46.29 0.14 0.00	42.56 0.38 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.77 0.31 0.00	36.72 0.29 0.00	42.69 0.46 0.00	44.24 0.39 0.00	42.27 0.29 0.00	39.86 0.32 0.00	39.78 0.28 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.62 0.14 0.00	50.96 0.00 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.65 0.36 0.00	76.25 0.75 0.00	77.17 0.99 0.00	68.69 0.68 0.00	59.76 0.94 0.00	51.39 0.56 0.00	44.92 0.66 0.00
NEG NORTH___ALICE_FALLS 23915	46.29 0.14 0.00	42.73 0.55 0.00	36.81 0.44 0.00	34.85 0.38 0.00	34.84 0.38 0.00	36.83 0.40 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.48 0.50 0.00	40.10 0.55 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.46 0.53 0.00	47.76 0.28 0.00	51.11 0.15 0.00	54.88 0.16 0.00	62.29 0.25 0.00	72.22 0.93 0.00	76.93 1.43 0.00	77.86 1.68 0.00	69.24 1.22 0.00	60.23 1.41 0.00	51.75 0.91 0.00	45.36 1.11 0.00
NEG NORTH___LWR_SARANAC 23913	46.29 0.14 0.00	42.73 0.55 0.00	36.81 0.44 0.00	34.85 0.38 0.00	34.84 0.38 0.00	36.83 0.40 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.48 0.50 0.00	40.10 0.55 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.46 0.53 0.00	47.76 0.28 0.00	51.11 0.15 0.00	54.88 0.16 0.00	62.29 0.25 0.00	72.22 0.93 0.00	76.93 1.43 0.00	77.86 1.68 0.00	69.24 1.22 0.00	60.23 1.41 0.00	51.75 0.91 0.00	45.36 1.11 0.00
NEG NORTH___PLATTSBURG 23628	46.66 0.51 0.00	42.73 0.55 0.00	36.81 0.44 0.00	34.85 0.38 0.00	34.84 0.38 0.00	36.83 0.40 0.00	42.82 0.59 0.00	44.45 0.61 0.00	42.48 0.51 0.00	40.10 0.55 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.46 0.53 0.00	47.76 0.29 0.00	51.11 0.15 0.00	54.88 0.16 0.00	62.29 0.25 0.00	72.21 0.92 0.00	76.92 1.43 0.00	77.85 1.67 0.00	69.24 1.23 0.00	60.23 1.41 0.00	51.75 0.92 0.00	45.49 1.24 0.00
NEG WEST_LEA_LOCKPORT 23791	48.23 2.08 0.00	42.94 0.76 0.00	36.81 0.44 0.00	34.96 0.48 0.00	34.53 0.07 0.00	36.97 0.55 0.00	42.52 0.30 0.00	44.24 0.39 0.00	41.94 -0.04 0.00	40.45 0.91 0.00	41.33 1.82 0.00	44.52 2.87 0.00	47.88 3.95 0.00	51.85 4.37 0.00	55.13 4.18 0.00	59.37 4.65 0.00	67.07 5.03 0.00	74.50 3.21 0.00	78.59 3.10 0.00	80.06 3.89 0.00	72.02 4.01 0.00	62.52 3.71 0.00	53.37 2.54 0.00	46.69 2.43 0.00
NEG WEST___LANCASTR 23811	49.66 3.51 0.00	44.12 1.94 0.00	37.83 1.45 0.00	35.85 1.38 0.00	35.42 0.96 0.00	37.99 1.57 0.00	43.79 1.56 0.00	45.64 1.80 0.00	43.32 1.34 0.00	41.88 2.33 0.00	42.87 3.36 0.00	46.23 4.58 0.00	49.81 5.89 0.00	54.03 6.55 0.00	57.53 6.57 0.00	60.52 5.80 0.00	68.50 6.45 0.00	76.28 4.99 0.00	80.40 4.91 0.00	82.12 5.94 0.00	73.38 5.37 0.00	63.41 4.59 0.00	54.03 3.20 0.00	47.40 3.14 0.00
NEG_PENN_ALLEGHNY 23528	47.16 1.01 0.00	42.73 0.55 0.00	36.73 0.36 0.00	34.85 0.38 0.00	34.77 0.31 0.00	36.94 0.51 0.00	42.82 0.59 0.00	44.50 0.66 0.00	42.52 0.54 0.00	40.18 0.63 0.00	40.38 0.87 0.00	42.81 1.16 0.00	45.42 1.49 0.00	49.14 1.66 0.00	52.69 1.73 0.00	56.91 2.19 0.00	64.59 2.54 0.00	73.71 2.43 0.00	77.83 2.34 0.00	78.92 2.74 0.00	70.53 2.52 0.00	60.82 2.00 0.00	52.35 1.52 0.00	45.63 1.37 0.00
NEG___GEN_MONROE 24207	48.09 1.94 0.00	43.32 1.14 0.00	37.10 0.73 0.00	35.09 0.62 0.00	34.91 0.45 0.00	37.19 0.76 0.00	42.90 0.68 0.00	44.76 0.92 0.00	42.57 0.59 0.00	40.49 0.95 0.00	40.89 1.38 0.00	43.69 2.04 0.00	46.61 2.68 0.00	50.56 3.09 0.00	53.96 3.01 0.00	58.17 3.45 0.00	65.89 3.85 0.00	74.35 3.07 0.00	78.59 3.10 0.00	79.91 3.73 0.00	71.96 3.94 0.00	62.23 3.41 0.00	53.12 2.29 0.00	46.25 1.99 0.00
NEPA___ENERGY 23901	48.78 2.63 0.00	43.36 1.18 0.00	37.13 0.76 0.00	35.27 0.79 0.00	34.97 0.52 0.00	37.48 1.06 0.00	43.28 1.06 0.00	44.94 1.10 0.00	42.69 0.71 0.00	41.13 1.58 0.00	42.00 2.49 0.00	45.15 3.50 0.00	48.63 4.70 0.00	52.75 5.27 0.00	56.20 5.25 0.00	60.96 6.24 0.00	68.56 6.51 0.00	76.56 5.28 0.00	80.70 5.21 0.00	82.43 6.25 0.00	73.72 5.71 0.00	63.70 4.88 0.00	54.24 3.41 0.00	47.35 3.10 0.00

NEVERSINK___HYD 23608	47.16 1.01 0.00	43.15 0.97 0.00	37.28 0.91 0.00	35.23 0.76 0.00	35.25 0.79 0.00	37.23 0.80 0.00	43.24 1.01 0.00	44.89 1.05 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.53 1.03 0.00	42.56 0.92 0.00	44.90 0.88 -0.09	48.63 1.00 -0.15	52.25 1.22 -0.07	55.98 1.26 0.00	63.47 1.43 0.00	73.36 2.07 0.00	77.45 1.96 0.00	78.08 1.91 0.00	69.44 1.43 0.00	59.64 0.82 0.00	51.85 1.02 0.00	45.01 0.75 0.00
NEWKRMKL_115KV_TB1 55635	46.10 -0.05 0.00	42.26 0.08 0.00	36.55 0.18 0.00	34.72 0.24 0.00	34.77 0.31 0.00	36.61 0.18 0.00	42.35 0.13 0.00	43.93 0.09 0.00	42.10 0.13 0.00	39.51 -0.04 0.00	39.27 -0.24 0.00	41.32 -0.33 0.00	43.24 -0.57 0.12	46.67 -0.62 0.19	50.41 -0.46 0.09	54.17 -0.55 0.00	61.42 -0.62 0.00	70.93 -0.36 0.00	75.19 -0.30 0.00	75.72 -0.46 0.00	67.60 -0.41 0.00	58.35 -0.47 0.00	50.68 -0.15 0.00	44.08 -0.18 0.00
NEWTON___FALLS_HYD 23847	47.76 1.62 0.00	43.44 1.27 0.00	37.32 0.95 0.00	35.23 0.76 0.00	35.22 0.76 0.00	37.30 0.87 0.00	43.45 1.22 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.67 1.42 0.00
NGRID_A1_DSASP 323792	47.81 1.66 0.00	42.69 0.51 0.00	36.59 0.22 0.00	34.54 0.07 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.48 -0.50 0.00	39.82 0.28 0.00	40.81 1.30 0.00	44.06 2.41 0.00	47.26 3.34 0.00	51.08 3.61 0.00	54.42 3.47 0.00	58.44 3.72 0.00	66.02 3.97 0.00	73.21 1.93 0.00	77.23 1.74 0.00	78.69 2.51 0.00	70.73 2.72 0.00	61.47 2.65 0.00	52.76 1.93 0.00	46.51 2.26 0.00
NGRID_A2_DSASP 323793	47.81 1.66 0.00	42.69 0.51 0.00	36.59 0.22 0.00	34.54 0.07 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.48 -0.50 0.00	39.82 0.28 0.00	40.81 1.30 0.00	44.06 2.41 0.00	47.26 3.34 0.00	51.08 3.61 0.00	54.42 3.47 0.00	58.44 3.72 0.00	66.02 3.97 0.00	73.21 1.93 0.00	77.23 1.74 0.00	78.69 2.51 0.00	70.73 2.72 0.00	61.47 2.65 0.00	52.76 1.93 0.00	46.51 2.26 0.00
NGRID_A4_DSASP 323807	47.81 1.66 0.00	42.69 0.51 0.00	36.59 0.22 0.00	34.54 0.07 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.48 -0.50 0.00	39.82 0.28 0.00	40.81 1.30 0.00	44.06 2.41 0.00	47.26 3.34 0.00	51.08 3.61 0.00	54.42 3.47 0.00	58.44 3.72 0.00	66.02 3.97 0.00	73.21 1.93 0.00	77.23 1.74 0.00	78.69 2.51 0.00	70.73 2.72 0.00	61.47 2.65 0.00	52.76 1.93 0.00	46.51 2.26 0.00
NIAGARA_115E_LBMP 323715	47.49 1.34 0.00	42.31 0.13 0.00	36.26 -0.11 0.00	34.72 0.24 0.00	34.05 -0.41 0.00	36.43 0.00 0.00	41.85 -0.38 0.00	43.54 -0.30 0.00	41.39 -0.59 0.00	39.74 0.20 0.00	40.69 1.18 0.00	43.98 2.33 0.00	47.18 3.25 0.00	50.99 3.51 0.00	54.32 3.36 0.00	58.33 3.61 0.00	65.89 3.85 0.00	73.14 1.85 0.00	77.15 1.66 0.00	78.69 2.51 0.00	70.73 2.72 0.00	61.40 2.59 0.00	52.71 1.88 0.00	46.20 1.95 0.00
NIAGARA_115W_LBMP 323714	47.72 1.57 0.00	42.60 0.42 0.00	36.52 0.15 0.00	34.47 0.00 0.00	34.35 -0.10 0.00	36.68 0.26 0.00	41.98 -0.25 0.00	43.54 -0.30 0.00	41.39 -0.59 0.00	39.70 0.16 0.00	40.69 1.18 0.00	43.94 2.29 0.00	47.13 3.21 0.00	50.94 3.46 0.00	54.27 3.31 0.00	58.27 3.55 0.00	65.83 3.79 0.00	73.00 1.71 0.00	77.00 1.51 0.00	78.46 2.28 0.00	70.53 2.52 0.00	61.29 2.47 0.00	52.61 1.78 0.00	46.42 2.17 0.00
NIAGARA_230_LBMP 323716	47.72 1.57 0.00	42.60 0.42 0.00	36.48 0.11 0.00	34.68 0.21 0.00	34.29 -0.17 0.00	36.68 0.26 0.00	42.10 -0.13 0.00	43.80 -0.04 0.00	41.64 -0.34 0.00	39.94 0.40 0.00	40.89 1.38 0.00	44.11 2.46 0.00	47.31 3.38 0.00	51.08 3.61 0.00	54.47 3.51 0.00	58.55 3.83 0.00	66.14 4.09 0.00	73.50 2.21 0.00	77.45 1.96 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.64 2.82 0.00	52.87 2.04 0.00	46.42 2.17 0.00
NIAGARA___115KV_198_GIBSON 55903	47.67 1.52 0.00	42.56 0.38 0.00	36.52 0.15 0.00	34.75 0.28 0.00	34.32 -0.14 0.00	36.68 0.25 0.00	41.97 -0.25 0.00	43.49 -0.35 0.00	41.22 -0.76 0.00	39.82 0.28 0.00	40.69 1.19 0.00	43.81 2.17 0.00	47.05 3.12 0.00	50.94 3.47 0.00	54.17 3.21 0.00	58.28 3.56 0.00	65.83 3.78 0.00	73.07 1.78 0.00	76.93 1.43 0.00	78.39 2.21 0.00	70.46 2.45 0.00	61.29 2.47 0.00	52.36 1.52 0.00	46.11 1.86 0.00
NIAGARA____ 23760	47.72 1.57 0.00	42.60 0.42 0.00	36.48 0.11 0.00	34.68 0.21 0.00	34.29 -0.17 0.00	36.68 0.26 0.00	42.10 -0.13 0.00	43.80 -0.04 0.00	41.64 -0.34 0.00	39.94 0.40 0.00	40.89 1.38 0.00	44.11 2.46 0.00	47.31 3.38 0.00	51.08 3.61 0.00	54.47 3.51 0.00	58.55 3.83 0.00	66.14 4.09 0.00	73.50 2.21 0.00	77.45 1.96 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.64 2.82 0.00	52.87 2.04 0.00	46.42 2.17 0.00
NINE_MILE_1 23575	44.95 -1.20 0.00	40.95 -1.22 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.96 -1.27 0.00	42.57 -1.27 0.00	40.76 -1.22 0.00	38.44 -1.11 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.53 -0.95 0.00	49.88 -1.07 0.00	53.63 -1.09 0.00	60.80 -1.24 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.58 -1.24 0.00	49.66 -1.17 0.00	43.19 -1.06 0.00
NINE_MILE_2 23744	44.95 -1.20 0.00	40.95 -1.22 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.96 -1.27 0.00	42.57 -1.27 0.00	40.76 -1.22 0.00	38.44 -1.11 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.53 -0.95 0.00	49.88 -1.07 0.00	53.63 -1.09 0.00	60.80 -1.24 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.58 -1.24 0.00	49.66 -1.17 0.00	43.19 -1.06 0.00
NM_CAPITAL___DRP 24208	46.24 0.09 0.00	42.39 0.21 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.02 0.18 0.00	42.23 0.25 0.00	39.58 0.04 0.00	39.35 -0.16 0.00	41.36 -0.29 0.00	43.32 -0.48 0.13	46.75 -0.52 0.21	50.45 -0.41 0.10	54.23 -0.49 0.00	61.42 -0.62 0.00	71.08 -0.21 0.00	75.26 -0.23 0.00	75.72 -0.46 0.00	67.67 -0.34 0.00	58.41 -0.41 0.00	50.73 -0.10 0.00	44.17 -0.09 0.00
NM_CENTRAL___DRP 24181	45.87 -0.28 0.00	41.71 -0.46 0.00	35.86 -0.51 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.72 -0.51 0.00	43.40 -0.44 0.00	41.56 -0.42 0.00	39.19 -0.36 0.00	39.31 -0.20 0.00	41.57 -0.08 0.00	43.97 0.04 0.00	47.62 0.14 0.00	51.06 0.10 0.00	54.94 0.22 0.00	62.29 0.25 0.00	71.43 0.14 0.00	75.57 0.08 0.00	76.41 0.23 0.00	68.28 0.27 0.00	58.88 0.06 0.00	50.73 -0.10 0.00	44.08 -0.18 0.00

NM_FRONTIER___DRP 24179	47.67 1.52 0.00	42.56 0.38 0.00	36.52 0.15 0.00	34.75 0.28 0.00	34.32 -0.14 0.00	36.68 0.25 0.00	41.97 -0.25 0.00	43.49 -0.35 0.00	41.22 -0.76 0.00	39.82 0.28 0.00	40.69 1.19 0.00	43.81 2.17 0.00	47.05 3.12 0.00	50.94 3.47 0.00	54.17 3.21 0.00	58.28 3.56 0.00	65.83 3.78 0.00	73.07 1.78 0.00	76.93 1.43 0.00	78.39 2.21 0.00	70.46 2.45 0.00	61.29 2.47 0.00	52.36 1.52 0.00	46.11 1.86 0.00
NM_ST_REGIS___HYD 24053	47.44 1.29 0.00	43.44 1.27 0.00	37.39 1.02 0.00	35.37 0.90 0.00	35.35 0.90 0.00	37.41 0.98 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.07 1.14 0.00	48.62 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.22 1.18 0.00	71.93 0.64 0.00	76.85 1.36 0.00	77.86 1.68 0.00	69.37 1.36 0.00	60.99 2.18 0.00	52.41 1.58 0.00	45.76 1.50 0.00
NORTHPORT___1 23551	45.54 -0.60 0.01	43.36 1.18 0.00	37.68 1.31 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.52 1.09 0.00	43.32 1.10 0.00	44.54 0.70 0.00	43.78 1.80 0.00	41.84 2.29 0.00	40.81 1.30 0.00	42.11 0.46 0.00	43.16 -0.88 -0.11	43.48 -0.47 3.52	43.48 -0.46 7.02	46.67 -0.77 7.28	50.63 -1.00 10.42	69.00 -0.78 1.50	69.52 -1.28 4.69	62.90 -1.68 11.60	47.43 -1.70 18.88	44.09 -1.88 12.84	43.12 -1.07 6.64	42.59 -1.59 0.07
NORTHPORT___2 23552	45.54 -0.60 0.01	43.36 1.18 0.00	37.68 1.31 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.52 1.09 0.00	43.32 1.10 0.00	44.54 0.70 0.00	43.78 1.80 0.00	41.84 2.29 0.00	40.81 1.30 0.00	42.11 0.46 0.00	43.16 -0.88 -0.11	43.48 -0.47 3.52	43.48 -0.46 7.02	46.67 -0.77 7.28	50.63 -1.00 10.42	69.00 -0.78 1.50	69.52 -1.28 4.69	62.90 -1.68 11.60	47.43 -1.70 18.88	44.09 -1.88 12.84	43.12 -1.07 6.64	42.59 -1.59 0.07
NORTHPORT___3 23553	45.22 -0.92 0.01	42.94 0.76 0.00	37.31 0.94 0.00	35.16 0.69 0.00	35.11 0.65 0.00	37.08 0.66 0.00	42.90 0.67 0.00	44.23 0.39 0.00	43.45 1.47 0.00	41.48 1.94 0.00	40.53 1.03 0.00	41.65 0.00 0.00	43.06 -0.97 -0.10	43.34 -0.62 3.52	43.34 -0.61 7.01	46.54 -0.93 7.25	50.54 -1.11 10.39	68.78 -1.00 1.51	69.09 -1.73 4.67	62.43 -2.21 11.54	47.05 -2.18 18.78	43.69 -2.35 12.77	42.59 -1.63 6.61	42.50 -1.68 0.07
NORTHPORT___4 23650	45.22 -0.92 0.01	42.94 0.76 0.00	37.31 0.94 0.00	35.16 0.69 0.00	35.11 0.65 0.00	37.08 0.66 0.00	42.90 0.67 0.00	44.23 0.39 0.00	43.45 1.47 0.00	41.48 1.94 0.00	40.53 1.03 0.00	41.65 0.00 0.00	43.06 -0.97 -0.10	43.34 -0.62 3.52	43.34 -0.61 7.01	46.54 -0.93 7.25	50.54 -1.11 10.39	68.78 -1.00 1.51	69.09 -1.73 4.67	62.43 -2.21 11.54	47.05 -2.18 18.78	43.69 -2.35 12.77	42.59 -1.63 6.61	42.50 -1.68 0.07
NORTHPORT___IC 23718	45.77 -0.37 0.01	43.36 1.18 0.00	37.68 1.31 0.00	35.72 1.24 0.00	35.53 1.07 0.00	37.67 1.24 0.00	43.58 1.35 0.00	44.76 0.92 0.00	44.20 2.22 0.00	41.84 2.29 0.00	41.60 2.09 0.00	42.56 0.92 0.00	43.68 -0.35 -0.11	43.48 -0.47 3.52	43.53 -0.41 7.02	46.73 -0.71 7.28	50.63 -0.99 10.42	69.00 -0.78 1.50	69.44 -1.36 4.69	62.98 -1.60 11.60	47.56 -1.56 18.88	44.04 -1.94 12.84	43.17 -1.02 6.64	43.38 -0.80 0.07
NORTH___COUNTRY_ESR 323785	46.38 0.23 0.00	42.48 0.30 0.00	36.63 0.26 0.00	34.68 0.21 0.00	34.70 0.24 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.30 0.00	39.86 0.31 0.00	39.82 0.31 0.00	41.94 0.29 0.00	44.24 0.31 0.00	47.62 0.14 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.58 0.29 0.00	76.17 0.68 0.00	76.94 0.76 0.00	68.49 0.48 0.00	59.58 0.76 0.00	51.24 0.40 0.00	44.92 0.66 0.00
NPX_GEN_1385_PROXY 323591	45.50 -0.65 0.01	43.44 1.26 0.00	37.79 1.42 0.00	35.61 1.14 0.00	35.94 1.48 0.00	37.81 1.38 0.00	43.49 1.27 0.00	44.45 0.61 0.00	43.66 1.68 0.00	41.44 1.90 0.00	40.30 0.79 0.00	41.61 -0.04 0.00	42.59 -1.45 -0.11	43.29 -0.66 3.52	43.33 -0.61 7.02	47.00 -0.44 7.28	51.00 -0.62 10.42	69.43 -0.35 1.50	70.80 0.00 4.69	64.20 -0.38 11.60	59.30 -0.34 8.37	49.00 -0.70 9.12	43.53 -0.66 6.64	42.41 -1.77 0.07
NPX_GEN_CSC 323557	45.77 -0.37 0.01	43.49 1.31 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.94 1.48 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.54 2.56 0.00	42.59 3.05 0.00	41.29 1.78 0.00	42.81 1.16 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	48.97 0.56 2.55	49.01 0.49 6.20	54.67 0.12 7.50	72.28 1.00 0.01	71.25 0.38 4.62	64.83 0.08 11.43	49.55 0.14 18.60	45.47 -0.70 12.65	43.99 -0.30 6.54	42.94 -1.24 0.07
NSINS_S_GLNS_FALLS 23858	47.67 1.52 0.00	43.70 1.52 0.00	37.75 1.38 0.00	35.78 1.31 0.00	35.84 1.38 0.00	37.96 1.53 0.00	43.79 1.56 0.00	45.33 1.49 0.00	43.11 1.13 0.00	40.38 0.83 0.00	39.82 0.32 0.00	41.90 0.25 0.00	43.75 -0.04 0.13	47.17 -0.09 0.21	51.11 0.25 0.10	55.21 0.49 0.00	62.73 0.68 0.00	72.57 1.28 0.00	78.13 2.64 0.00	78.85 2.67 0.00	70.87 2.86 0.00	61.35 2.53 0.00	52.97 2.13 0.00	45.94 1.68 0.00
NUCOR_STEEL___DRP 24197	46.70 0.55 0.00	42.43 0.25 0.00	36.44 0.07 0.00	34.54 0.07 0.00	34.49 0.03 0.00	36.61 0.18 0.00	42.44 0.21 0.00	44.19 0.35 0.00	42.23 0.25 0.00	39.82 0.28 0.00	39.98 0.47 0.00	42.31 0.67 0.00	44.85 0.92 0.00	48.52 1.04 0.00	51.98 1.02 0.00	56.03 1.31 0.00	63.53 1.49 0.00	72.86 1.57 0.00	77.15 1.66 0.00	78.16 1.98 0.00	69.92 1.90 0.00	60.35 1.53 0.00	51.80 0.97 0.00	45.05 0.80 0.00
NUMBER_THREE_WT_PWR 323818	48.23 2.08 0.00	43.32 1.14 0.00	37.10 0.73 0.00	34.92 0.45 0.00	34.87 0.41 0.00	37.08 0.66 0.00	43.20 0.97 0.00	45.07 1.23 0.00	43.07 1.09 0.00	40.61 1.07 0.00	40.73 1.23 0.00	42.94 1.29 0.00	45.11 1.19 0.00	48.86 1.38 0.00	52.28 1.32 0.00	56.25 1.53 0.00	63.90 1.86 0.00	73.50 2.21 0.00	78.51 3.02 0.00	79.91 3.73 0.00	70.93 2.92 0.00	61.35 2.53 0.00	52.56 1.73 0.00	45.36 1.11 0.00
NYISO_LBMP_REFERENCE 24008	46.15 0.00 0.00	42.18 0.00 0.00	36.37 0.00 0.00	34.47 0.00 0.00	34.46 0.00 0.00	36.43 0.00 0.00	42.23 0.00 0.00	43.84 0.00 0.00	41.98 0.00 0.00	39.54 0.00 0.00	39.51 0.00 0.00	41.65 0.00 0.00	43.93 0.00 0.00	47.48 0.00 0.00	50.96 0.00 0.00	54.72 0.00 0.00	62.04 0.00 0.00	71.29 0.00 0.00	75.49 0.00 0.00	76.18 0.00 0.00	68.01 0.00 0.00	58.82 0.00 0.00	50.83 0.00 0.00	44.26 0.00 0.00
NYPA_BRENTWD____GT 24164	46.28 0.14 0.01	43.78 1.60 0.00	38.08 1.71 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.85 1.42 0.00	43.71 1.48 0.00	45.07 1.23 0.00	44.33 2.35 0.00	42.39 2.85 0.00	41.48 1.97 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.74 0.62 2.35	49.17 0.71 2.50	49.18 0.55 6.08	55.24 0.56 7.36	72.21 0.92 0.01	71.41 0.46 4.53	64.97 0.00 11.21	49.63 -0.14 18.25	45.76 -0.65 12.41	44.26 -0.15 6.42	43.43 -0.75 0.07

NYPA_GOWANUS____GT5 24156	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NYPA_GOWANUS____GT6 24157	47.91 1.75 -0.01	43.92 1.73 -0.01	37.98 1.60 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.83 1.60 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.84 2.29 0.00	41.68 2.17 0.00	43.77 2.12 0.00	46.15 2.07 -0.16	49.81 2.09 -0.24	53.01 1.94 -0.12	56.31 1.59 0.00	63.40 1.36 0.01	73.06 1.78 0.01	76.76 1.28 0.01	77.24 1.07 0.01	68.75 0.75 0.01	58.99 0.18 0.01	52.05 1.22 0.00	45.55 1.28 -0.01
NYPA_HARLEM__RVR__GT1 24160	47.77 1.61 -0.01	43.83 1.64 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.61 1.64 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.52 1.80 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.78 1.50 0.01	76.54 1.06 0.01	76.93 0.76 0.01	68.48 0.48 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
NYPA_HARLEM__RVR__GT2 24161	47.77 1.61 -0.01	43.83 1.64 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.61 1.64 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.52 1.80 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.78 1.50 0.01	76.54 1.06 0.01	76.93 0.76 0.01	68.48 0.48 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
NYPA_KENT____GT 24152	47.77 1.61 -0.01	43.83 1.64 -0.01	37.91 1.53 -0.01	35.79 1.31 -0.01	35.77 1.31 -0.01	37.85 1.42 0.00	43.79 1.56 0.00	45.42 1.58 0.00	43.78 1.80 0.00	41.80 2.25 0.00	41.64 2.13 0.00	43.69 2.04 0.00	46.06 1.98 -0.16	49.71 1.99 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.34 1.30 0.01	72.99 1.71 0.01	76.69 1.20 0.01	77.09 0.92 0.01	68.61 0.61 0.01	58.87 0.06 0.01	51.95 1.12 0.00	45.41 1.15 -0.01
NYPA_POUCH1____GT 24155	47.87 1.71 -0.01	43.92 1.73 -0.01	37.94 1.56 -0.01	35.79 1.31 -0.01	35.77 1.31 -0.01	37.85 1.42 0.00	43.79 1.56 0.00	45.37 1.53 0.00	43.70 1.72 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.73 2.08 0.00	46.11 2.02 -0.16	49.76 2.04 -0.24	52.81 1.73 -0.12	56.03 1.31 0.00	63.15 1.12 0.01	72.78 1.50 0.01	76.54 1.06 0.01	77.01 0.84 0.01	68.61 0.61 0.01	58.81 0.00 0.01	51.95 1.12 0.00	45.50 1.24 -0.01
NYPA_VERNON____GT2 24162	47.63 1.48 -0.01	43.70 1.52 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.75 1.52 0.00	45.37 1.53 0.00	43.78 1.80 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.97 1.89 -0.16	49.62 1.90 -0.24	52.90 1.83 -0.12	56.25 1.53 0.00	63.34 1.30 0.01	72.99 1.71 0.01	76.62 1.13 0.01	77.01 0.84 0.01	68.54 0.54 0.01	58.75 -0.06 0.01	51.85 1.02 0.00	45.28 1.02 -0.01
NYPA_VERNON____GT3 24163	47.63 1.48 -0.01	43.70 1.52 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.75 1.52 0.00	45.37 1.53 0.00	43.78 1.80 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.97 1.89 -0.16	49.62 1.90 -0.24	52.90 1.83 -0.12	56.25 1.53 0.00	63.34 1.30 0.01	72.99 1.71 0.01	76.62 1.13 0.01	77.01 0.84 0.01	68.54 0.54 0.01	58.75 -0.06 0.01	51.85 1.02 0.00	45.28 1.02 -0.01
NYPA____ASTORIA_CC1 323568	47.59 1.43 -0.01	43.66 1.48 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.66 1.44 0.00	45.29 1.44 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.57 1.85 -0.24	52.81 1.73 -0.12	56.14 1.42 0.00	63.09 1.05 0.01	72.71 1.43 0.01	76.39 0.91 0.01	76.71 0.54 0.01	68.28 0.27 0.01	58.58 -0.23 0.01	51.75 0.92 0.00	45.24 0.97 -0.01
NYPA____ASTORIA_CC2 323569	47.59 1.43 -0.01	43.66 1.48 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.66 1.44 0.00	45.29 1.44 0.00	43.70 1.72 0.00	41.72 2.17 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.57 1.85 -0.24	52.81 1.73 -0.12	56.14 1.42 0.00	63.09 1.05 0.01	72.71 1.43 0.01	76.39 0.91 0.01	76.71 0.54 0.01	68.28 0.27 0.01	58.58 -0.23 0.01	51.75 0.92 0.00	45.24 0.97 -0.01
NYPA____HOLTSVILL 23794	45.87 -0.28 0.01	43.44 1.26 0.00	37.83 1.46 0.00	35.71 1.24 0.00	35.66 1.21 0.00	37.63 1.20 0.00	43.41 1.18 0.00	44.80 0.96 0.00	44.12 2.14 0.00	42.15 2.61 0.00	41.17 1.66 0.00	42.65 1.00 0.00	43.82 -0.22 -0.11	45.36 0.29 2.41	48.76 0.36 2.55	48.68 0.16 6.21	54.60 0.06 7.51	71.71 0.43 0.01	70.71 -0.15 4.63	64.28 -0.45 11.44	48.84 -0.55 18.62	45.15 -1.00 12.66	43.77 -0.51 6.55	43.08 -1.10 0.07
NYPA____HELLGATE_GT1 24158	47.77 1.61 -0.01	43.83 1.64 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.61 1.64 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.52 1.80 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.78 1.50 0.01	76.54 1.06 0.01	76.93 0.76 0.01	68.48 0.48 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
NYPA____HELLGATE_GT2 24159	47.77 1.61 -0.01	43.83 1.64 -0.01	37.94 1.56 -0.01	35.83 1.34 -0.01	35.81 1.34 -0.01	37.89 1.46 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.61 1.64 0.00	41.68 2.13 0.00	41.56 2.05 0.00	43.57 1.92 0.00	45.89 1.80 -0.16	49.52 1.80 -0.24	52.81 1.73 -0.12	56.20 1.48 0.00	63.09 1.05 0.01	72.78 1.50 0.01	76.54 1.06 0.01	76.93 0.76 0.01	68.48 0.48 0.01	58.69 -0.12 0.01	52.05 1.22 0.00	45.37 1.11 -0.01
NYS_BARGE____HYD 23848	48.27 2.12 0.00	42.98 0.80 0.00	36.81 0.44 0.00	35.13 0.65 0.00	34.53 0.07 0.00	37.01 0.58 0.00	42.53 0.30 0.00	44.28 0.44 0.00	42.10 0.13 0.00	40.38 0.83 0.00	41.33 1.82 0.00	44.65 3.00 0.00	47.97 4.04 0.00	51.84 4.37 0.00	55.24 4.28 0.00	59.37 4.65 0.00	67.07 5.02 0.00	74.50 3.21 0.00	78.66 3.17 0.00	80.21 4.03 0.00	72.09 4.08 0.00	62.53 3.71 0.00	53.68 2.84 0.00	47.00 2.74 0.00
OAK ORCHARD____HYD 24046	47.49 1.34 0.00	42.81 0.63 0.00	36.70 0.33 0.00	34.75 0.27 0.00	34.56 0.10 0.00	36.79 0.36 0.00	42.53 0.30 0.00	44.45 0.61 0.00	42.44 0.46 0.00	40.29 0.75 0.00	40.77 1.26 0.00	43.65 2.00 0.00	46.61 2.68 0.00	50.42 2.94 0.00	53.96 3.01 0.00	58.06 3.34 0.00	65.70 3.66 0.00	74.21 2.92 0.00	78.43 2.94 0.00	79.45 3.27 0.00	71.55 3.53 0.00	61.88 3.06 0.00	52.92 2.08 0.00	45.98 1.72 0.00

OAKDALE___35_KV_LOAD 356122	46.93 0.78 0.00	42.52 0.34 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.63 0.17 0.00	36.75 0.33 0.00	42.61 0.38 0.00	44.24 0.39 0.00	42.27 0.29 0.00	39.98 0.43 0.00	40.18 0.67 0.00	42.52 0.87 0.00	45.07 1.14 0.00	48.81 1.33 0.00	52.33 1.38 0.00	56.53 1.81 0.00	64.15 2.11 0.00	73.14 1.85 0.00	77.30 1.81 0.00	78.39 2.21 0.00	69.98 1.97 0.00	60.41 1.59 0.00	51.95 1.12 0.00	45.27 1.02 0.00
OCC_CHEM___DRP 24175	47.81 1.66 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.82 0.34 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.18 3.25 0.00	51.09 3.61 0.00	54.32 3.36 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.21 1.92 0.00	77.15 1.66 0.00	78.62 2.44 0.00	70.66 2.65 0.00	61.47 2.65 0.00	52.51 1.68 0.00	46.20 1.95 0.00
OH_GEN_PROXY 24063	47.67 1.52 0.00	42.51 0.34 0.00	36.44 0.07 0.00	34.65 0.17 0.00	34.25 -0.21 0.00	36.65 0.22 0.00	42.10 -0.13 0.00	43.75 -0.09 0.00	41.64 -0.34 0.00	39.90 0.36 0.00	40.85 1.34 0.00	44.06 2.41 0.00	47.26 3.34 0.00	51.08 3.61 0.00	54.47 3.51 0.00	63.00 3.83 -4.45	66.20 4.16 0.00	73.57 2.28 0.00	77.53 2.04 0.00	79.00 2.82 0.00	71.00 2.99 0.00	61.70 2.88 0.00	52.87 2.04 0.00	46.38 2.12 0.00
OLIN_CORP_DRP 24177	47.58 1.43 0.00	42.39 0.21 0.00	36.37 0.00 0.00	34.54 0.07 0.00	34.11 -0.34 0.00	36.50 0.07 0.00	41.93 -0.30 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.22 3.29 0.00	51.13 3.66 0.00	54.37 3.41 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.36 2.07 0.00	77.30 1.81 0.00	78.77 2.59 0.00	70.80 2.79 0.00	61.52 2.71 0.00	52.56 1.73 0.00	46.03 1.77 0.00
OLIN_CORP_DSASP 323712	47.81 1.66 0.00	42.69 0.51 0.00	36.59 0.22 0.00	34.54 0.07 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.48 -0.50 0.00	39.82 0.28 0.00	40.81 1.30 0.00	44.06 2.41 0.00	47.26 3.34 0.00	51.08 3.61 0.00	54.42 3.47 0.00	58.44 3.72 0.00	66.02 3.97 0.00	73.21 1.93 0.00	77.23 1.74 0.00	78.69 2.51 0.00	70.73 2.72 0.00	61.47 2.65 0.00	52.76 1.93 0.00	46.51 2.26 0.00
ONEIDA_HERK_LFGE 323681	47.67 1.52 0.00	43.19 1.01 0.00	37.10 0.73 0.00	35.02 0.55 0.00	34.97 0.52 0.00	37.12 0.69 0.00	43.12 0.89 0.00	44.94 1.10 0.00	42.98 1.01 0.00	40.38 0.83 0.00	40.50 0.99 0.00	42.69 1.04 0.00	44.89 0.97 0.00	48.61 1.14 0.00	52.18 1.22 0.00	56.09 1.37 0.00	63.72 1.68 0.00	73.36 2.07 0.00	78.06 2.57 0.00	79.15 2.97 0.00	70.59 2.58 0.00	60.88 2.06 0.00	52.35 1.52 0.00	45.27 1.02 0.00
ONEIDA___115KV_TB4 55905	47.53 1.38 0.00	43.19 1.01 0.00	37.17 0.80 0.00	35.13 0.66 0.00	35.08 0.62 0.00	37.19 0.76 0.00	43.20 0.97 0.00	44.94 1.10 0.00	42.99 1.01 0.00	40.34 0.79 0.00	40.46 0.95 0.00	42.73 1.08 0.00	44.98 1.05 0.00	48.76 1.28 0.00	52.28 1.32 0.00	56.31 1.59 0.00	63.97 1.92 0.00	73.64 2.35 0.00	78.21 2.72 0.00	79.23 3.05 0.00	70.87 2.86 0.00	61.05 2.24 0.00	52.51 1.68 0.00	45.49 1.24 0.00
ONONDAGA_REF_OCCRA 23987	46.06 -0.09 0.00	41.88 -0.30 0.00	36.01 -0.36 0.00	34.13 -0.34 0.00	34.08 -0.38 0.00	36.14 -0.29 0.00	41.93 -0.30 0.00	43.62 -0.22 0.00	41.73 -0.25 0.00	39.35 -0.20 0.00	39.47 -0.04 0.00	41.73 0.08 0.00	44.15 0.22 0.00	47.81 0.33 0.00	51.26 0.31 0.00	55.16 0.44 0.00	62.60 0.56 0.00	71.79 0.50 0.00	76.02 0.53 0.00	76.87 0.69 0.00	68.62 0.61 0.00	59.23 0.41 0.00	50.98 0.15 0.00	44.30 0.04 0.00
ONONDAGA___COGEN 23986	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
ONTARIO___LFGE 23819	47.72 1.57 0.00	43.02 0.84 0.00	36.88 0.51 0.00	34.92 0.45 0.00	34.84 0.38 0.00	37.16 0.73 0.00	43.07 0.84 0.00	44.85 1.01 0.00	42.77 0.80 0.00	40.41 0.87 0.00	40.77 1.26 0.00	43.48 1.83 0.00	46.25 2.33 0.00	49.90 2.42 0.00	53.45 2.50 0.00	57.67 2.95 0.00	65.45 3.41 0.00	74.50 3.21 0.00	78.97 3.47 0.00	80.29 4.11 0.00	71.89 3.87 0.00	61.93 3.12 0.00	53.06 2.23 0.00	46.29 2.04 0.00
ORANGEVILLE_WT_PWR 323706	48.13 1.98 0.00	42.89 0.72 0.00	36.77 0.40 0.00	34.92 0.45 0.00	34.56 0.10 0.00	37.05 0.62 0.00	42.74 0.51 0.00	44.32 0.48 0.00	42.10 0.13 0.00	40.26 0.71 0.00	41.13 1.62 0.00	44.32 2.67 0.00	47.62 3.69 0.00	51.56 4.08 0.00	55.08 4.13 0.00	59.15 4.43 0.00	66.89 4.84 0.00	74.99 3.70 0.00	79.26 3.77 0.00	81.06 4.88 0.00	72.70 4.69 0.00	62.76 3.94 0.00	53.78 2.95 0.00	47.05 2.79 0.00
ORANGEVILLE___ESR 323794	48.13 1.98 0.00	42.89 0.72 0.00	36.77 0.40 0.00	34.92 0.45 0.00	34.56 0.10 0.00	37.05 0.62 0.00	42.74 0.51 0.00	44.32 0.48 0.00	42.10 0.13 0.00	40.26 0.71 0.00	41.13 1.62 0.00	44.32 2.67 0.00	47.62 3.69 0.00	51.56 4.08 0.00	55.08 4.13 0.00	59.15 4.43 0.00	66.89 4.84 0.00	74.99 3.70 0.00	79.26 3.77 0.00	81.06 4.88 0.00	72.70 4.69 0.00	62.76 3.94 0.00	53.78 2.95 0.00	47.05 2.79 0.00
OSWEGATCHIE___HYD 24044	47.81 1.66 0.00	43.44 1.26 0.00	37.31 0.94 0.00	35.23 0.76 0.00	35.21 0.76 0.00	37.30 0.87 0.00	43.45 1.23 0.00	45.11 1.27 0.00	43.07 1.09 0.00	40.57 1.03 0.00	40.58 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.35 1.30 0.00	72.57 1.28 0.00	77.53 2.04 0.00	78.77 2.59 0.00	70.19 2.18 0.00	61.29 2.47 0.00	52.61 1.78 0.00	45.76 1.51 0.00
OSWEGO___5 23606	45.32 -0.83 0.00	41.29 -0.89 0.00	35.54 -0.84 0.00	33.68 -0.79 0.00	33.63 -0.83 0.00	35.63 -0.80 0.00	41.30 -0.93 0.00	42.92 -0.92 0.00	41.09 -0.88 0.00	38.75 -0.79 0.00	38.84 -0.67 0.00	41.03 -0.62 0.00	43.40 -0.53 0.00	46.96 -0.52 0.00	50.35 -0.61 0.00	54.07 -0.65 0.00	61.30 -0.74 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.19 -0.99 0.00	67.26 -0.75 0.00	58.05 -0.77 0.00	50.12 -0.71 0.00	43.59 -0.66 0.00
OSWEGO___6 23613	45.32 -0.83 0.00	41.29 -0.89 0.00	35.54 -0.84 0.00	33.68 -0.79 0.00	33.63 -0.83 0.00	35.63 -0.80 0.00	41.30 -0.93 0.00	42.92 -0.92 0.00	41.09 -0.88 0.00	38.75 -0.79 0.00	38.84 -0.67 0.00	41.03 -0.62 0.00	43.40 -0.53 0.00	46.96 -0.52 0.00	50.35 -0.61 0.00	54.07 -0.65 0.00	61.30 -0.74 0.00	70.36 -0.93 0.00	74.51 -0.98 0.00	75.19 -0.99 0.00	67.26 -0.75 0.00	58.05 -0.77 0.00	50.12 -0.71 0.00	43.59 -0.66 0.00

OUTOKUMPU-AB___DRP 24206	48.87 2.72 0.00	43.53 1.35 0.00	37.32 0.95 0.00	35.44 0.97 0.00	35.01 0.55 0.00	37.48 1.06 0.00	43.07 0.84 0.00	44.76 0.92 0.00	42.44 0.46 0.00	41.01 1.46 0.00	41.96 2.45 0.00	45.19 3.54 0.00	48.67 4.74 0.00	52.70 5.22 0.00	56.05 5.10 0.00	60.30 5.58 0.00	67.94 5.89 0.00	75.42 4.13 0.00	79.57 4.08 0.00	81.06 4.88 0.00	72.70 4.69 0.00	63.11 4.29 0.00	54.03 3.20 0.00	47.27 3.01 0.00
OXBOW___BTM 323836	48.46 2.31 0.00	43.19 1.01 0.00	37.03 0.66 0.00	35.02 0.55 0.00	34.77 0.31 0.00	37.19 0.77 0.00	42.65 0.42 0.00	44.28 0.44 0.00	42.15 0.17 0.00	40.49 0.95 0.00	41.48 1.97 0.00	44.86 3.21 0.00	48.15 4.22 0.00	52.04 4.56 0.00	55.44 4.49 0.00	59.59 4.87 0.00	67.19 5.15 0.00	74.57 3.28 0.00	78.66 3.17 0.00	80.14 3.96 0.00	72.02 4.01 0.00	62.47 3.65 0.00	53.68 2.84 0.00	47.18 2.92 0.00
OXBOW___ 24026	48.46 2.31 0.00	43.19 1.01 0.00	37.03 0.65 0.00	35.20 0.72 0.00	34.77 0.31 0.00	37.19 0.76 0.00	42.65 0.42 0.00	44.28 0.44 0.00	41.98 0.00 0.00	40.57 1.03 0.00	41.48 1.98 0.00	44.69 3.04 0.00	48.06 4.13 0.00	52.04 4.56 0.00	55.34 4.38 0.00	59.59 4.87 0.00	67.19 5.15 0.00	74.57 3.28 0.00	78.66 3.17 0.00	80.14 3.96 0.00	71.96 3.94 0.00	62.47 3.65 0.00	53.42 2.59 0.00	46.87 2.61 0.00
OXY_CHEM_DSASP 323612	47.81 1.66 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.82 0.34 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.18 3.25 0.00	51.09 3.61 0.00	54.32 3.36 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.21 1.92 0.00	77.15 1.66 0.00	78.62 2.44 0.00	70.66 2.65 0.00	61.47 2.65 0.00	52.51 1.68 0.00	46.20 1.95 0.00
OZONE_PARK_ESR 323760	47.90 1.75 0.00	43.87 1.69 0.00	37.93 1.56 0.00	35.82 1.34 0.00	35.80 1.34 0.00	37.92 1.49 0.00	44.09 1.86 0.00	45.81 1.97 0.00	44.29 2.31 0.00	42.00 2.45 0.00	41.88 2.37 0.00	43.94 2.29 0.00	46.23 2.15 -0.15	49.95 2.23 -0.24	53.57 2.50 -0.12	57.07 2.35 0.00	64.52 2.48 0.00	74.28 2.99 0.00	78.06 2.57 0.00	78.39 2.21 0.00	69.71 1.70 0.00	59.76 0.94 0.00	52.41 1.58 0.00	45.67 1.42 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	47.81 1.66 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.82 0.34 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.18 3.25 0.00	51.09 3.61 0.00	54.32 3.36 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.21 1.92 0.00	77.15 1.66 0.00	78.62 2.44 0.00	70.66 2.65 0.00	61.47 2.65 0.00	52.51 1.68 0.00	46.20 1.95 0.00
PACKARD___115KV_DUPONT_184 80571	47.81 1.66 0.00	42.64 0.46 0.00	36.59 0.22 0.00	34.82 0.34 0.00	34.39 -0.07 0.00	36.75 0.33 0.00	42.06 -0.17 0.00	43.62 -0.22 0.00	41.31 -0.67 0.00	39.90 0.36 0.00	40.81 1.30 0.00	43.94 2.29 0.00	47.18 3.25 0.00	51.09 3.61 0.00	54.32 3.36 0.00	58.44 3.72 0.00	66.01 3.97 0.00	73.21 1.92 0.00	77.15 1.66 0.00	78.62 2.44 0.00	70.66 2.65 0.00	61.47 2.65 0.00	52.51 1.68 0.00	46.20 1.95 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.81 1.66 0.00	43.78 1.60 0.00	37.90 1.53 0.00	35.82 1.34 0.00	35.80 1.34 0.00	37.88 1.46 0.00	43.71 1.48 0.00	45.16 1.32 0.00	43.53 1.55 0.00	41.56 2.02 0.00	41.56 2.05 0.00	43.52 1.87 0.00	45.83 1.76 -0.15	49.43 1.71 -0.24	52.81 1.73 -0.12	56.14 1.42 0.00	63.04 0.99 0.00	72.72 1.43 0.00	76.47 0.98 0.00	76.87 0.69 0.00	68.42 0.41 0.00	58.64 -0.18 0.00	52.10 1.27 0.00	45.54 1.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.59 2.45 0.00	44.50 2.32 0.00	38.52 2.15 0.00	36.37 1.90 0.00	36.32 1.86 0.00	38.47 2.04 0.00	44.34 2.11 0.00	45.81 1.97 0.00	44.16 2.18 0.00	42.12 2.57 0.00	42.08 2.57 0.00	44.02 2.37 0.00	46.41 2.33 -0.15	50.05 2.33 -0.24	53.47 2.39 -0.12	56.85 2.13 0.00	63.90 1.86 0.00	73.71 2.42 0.00	77.53 2.04 0.00	77.93 1.75 0.00	69.44 1.43 0.00	59.47 0.65 0.00	52.86 2.03 0.00	46.16 1.90 0.00
PATROON___115KV_TB1 80586	46.29 0.14 0.00	42.43 0.25 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.23 0.25 0.00	39.62 0.08 0.00	39.39 -0.12 0.00	41.44 -0.21 0.00	43.41 -0.40 0.12	46.86 -0.43 0.19	50.56 -0.31 0.09	54.34 -0.38 0.00	61.61 -0.43 0.00	71.22 -0.07 0.00	75.49 0.00 0.00	75.95 -0.23 0.00	67.87 -0.14 0.00	58.58 -0.24 0.00	50.83 0.00 0.00	44.26 0.00 0.00
PATTRSNVILLE___SOLAR 323815	47.53 1.38 0.00	43.53 1.35 0.00	37.53 1.16 0.00	35.61 1.14 0.00	35.59 1.14 0.00	37.67 1.24 0.00	43.58 1.35 0.00	44.98 1.14 0.00	42.73 0.76 0.00	39.94 0.40 0.00	39.71 0.20 0.00	41.69 0.04 0.00	43.74 -0.09 0.10	47.18 -0.14 0.16	50.93 0.05 0.08	54.94 0.22 0.00	62.42 0.37 0.00	72.36 1.07 0.00	77.38 1.89 0.00	78.39 2.21 0.00	70.25 2.24 0.00	60.70 1.88 0.00	52.46 1.63 0.00	45.58 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.61 3.46 0.00	44.08 1.90 0.00	37.79 1.42 0.00	35.82 1.34 0.00	35.39 0.93 0.00	37.96 1.53 0.00	43.75 1.52 0.00	45.59 1.75 0.00	43.32 1.34 0.00	41.88 2.33 0.00	42.87 3.36 0.00	46.23 4.58 0.00	49.81 5.89 0.00	54.03 6.55 0.00	57.48 6.52 0.00	61.01 6.29 0.00	68.99 6.95 0.00	76.78 5.49 0.00	81.00 5.51 0.00	82.65 6.48 0.00	73.86 5.85 0.00	63.88 5.06 0.00	54.44 3.61 0.00	47.62 3.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.58 1.43 0.00	43.61 1.43 0.00	37.68 1.31 0.00	35.61 1.14 0.00	35.66 1.21 0.00	37.70 1.27 0.00	43.79 1.56 0.00	45.38 1.53 0.00	43.70 1.72 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.15 1.50 0.00	45.47 1.41 -0.13	49.31 1.61 -0.21	52.94 1.89 -0.10	56.58 1.86 0.00	63.97 1.92 0.00	74.00 2.71 0.00	77.76 2.26 0.00	78.16 1.98 0.00	69.64 1.63 0.00	59.70 0.88 0.00	52.10 1.27 0.00	45.36 1.11 0.00
PEEKSKILL___ 23653	47.07 0.92 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.89 0.00	37.37 0.95 0.00	43.37 1.14 0.00	45.02 1.18 0.00	43.36 1.38 0.00	41.01 1.46 0.00	40.85 1.34 0.00	42.86 1.21 0.00	45.13 1.05 -0.15	48.81 1.09 -0.24	52.29 1.22 -0.11	55.87 1.15 0.00	63.16 1.12 0.00	72.86 1.57 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.62 0.61 0.00	58.88 0.06 0.00	51.39 0.56 0.00	44.65 0.40 0.00
PGE MADISON___WINDPWR 24146	49.79 3.64 0.00	45.09 2.91 0.00	38.70 2.33 0.00	36.54 2.07 0.00	36.45 2.00 0.00	38.87 2.44 0.00	45.31 3.08 0.00	47.26 3.42 0.00	44.87 2.89 0.00	41.80 2.25 0.00	42.16 2.65 0.00	44.65 3.00 0.00	47.05 3.12 0.00	50.99 3.51 0.00	54.78 3.82 0.00	59.32 4.60 0.00	67.69 5.65 0.00	77.99 6.70 0.00	83.19 7.70 0.00	84.63 8.46 0.00	75.83 7.82 0.00	65.12 6.30 0.00	55.71 4.88 0.00	48.06 3.81 0.00

PIERCEFIELD___HYD 23852	47.53 1.38 0.00	43.49 1.31 0.00	37.43 1.05 0.00	35.40 0.93 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.62 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.16 1.12 0.00	71.65 0.36 0.00	76.55 1.06 0.00	77.55 1.37 0.00	69.10 1.09 0.00	60.94 2.12 0.00	52.36 1.52 0.00	45.76 1.50 0.00
PINELAWN_CC_1 323563	46.23 0.09 0.01	43.53 1.35 0.00	37.83 1.46 0.00	35.65 1.17 0.00	35.59 1.14 0.00	37.59 1.17 0.00	43.45 1.23 0.00	44.89 1.05 0.00	44.03 2.06 0.00	42.04 2.49 0.00	41.29 1.78 0.00	42.77 1.12 0.00	44.17 0.13 -0.11	45.52 0.14 2.10	48.86 0.15 2.25	49.11 -0.11 5.50	55.21 -0.19 6.65	71.07 -0.21 0.01	70.57 -0.83 4.09	64.83 -1.22 10.13	50.43 -1.09 16.49	46.37 -1.24 11.21	44.83 -0.20 5.80	43.57 -0.62 0.07
PJM_GEN_HTTP_PROXY 323702	47.30 1.15 0.00	43.40 1.22 0.00	37.57 1.20 0.00	35.51 1.03 0.00	35.49 1.03 0.00	37.56 1.13 0.00	43.62 1.39 0.00	45.37 1.53 0.00	43.78 1.80 0.00	41.52 1.98 0.00	41.33 1.82 0.00	43.36 1.71 0.00	45.66 1.58 -0.15	49.34 1.62 -0.24	52.86 1.78 -0.12	56.31 1.59 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.39 1.22 0.00	68.89 0.88 0.00	59.05 0.24 0.00	51.69 0.86 0.00	44.96 0.71 0.00
PJM_GEN_KEystone 24065	47.02 0.87 0.00	42.60 0.42 0.00	36.70 0.33 0.00	34.78 0.31 0.00	34.70 0.24 0.00	36.87 0.44 0.00	42.69 0.47 0.00	44.28 0.44 0.00	42.44 0.46 0.00	40.29 0.75 0.00	40.58 1.07 0.00	43.02 1.37 0.00	45.68 1.67 -0.08	49.41 1.80 -0.13	52.90 1.89 -0.06	56.85 2.13 0.00	64.40 2.36 0.00	73.21 1.93 0.00	77.00 1.51 0.00	78.01 1.83 0.00	69.64 1.63 0.00	59.99 1.18 0.00	51.90 1.07 0.00	45.32 1.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.05 -0.09 0.01	43.15 0.97 0.00	37.46 1.09 0.00	35.34 0.86 0.00	35.28 0.83 0.00	37.27 0.84 0.00	43.12 0.89 0.00	44.54 0.70 0.00	43.61 1.64 0.00	41.60 2.06 0.00	40.93 1.42 0.00	42.48 0.83 0.00	43.99 -0.04 -0.10	45.20 0.33 2.61	48.66 0.46 2.75	48.26 0.22 6.68	54.09 0.12 8.08	71.71 0.43 0.01	70.36 -0.15 4.98	63.26 -0.61 12.31	47.23 -0.75 20.03	44.14 -1.06 13.62	43.28 -0.51 7.05	43.56 -0.62 0.08
PJM_GEN_VFT_PROXY 323633	47.12 0.97 0.00	43.19 1.01 0.00	37.43 1.06 0.00	35.34 0.86 0.00	35.32 0.86 0.00	37.37 0.95 0.00	43.41 1.18 0.00	45.15 1.31 0.00	43.61 1.64 0.00	41.44 1.90 0.00	41.24 1.74 0.00	43.23 1.58 0.00	45.53 1.45 -0.15	49.19 1.47 -0.24	52.65 1.58 -0.12	56.09 1.37 0.00	63.35 1.30 0.00	73.00 1.71 0.00	76.62 1.13 0.00	76.94 0.76 0.00	68.42 0.41 0.00	58.70 -0.12 0.00	51.44 0.61 0.00	44.79 0.53 0.00
PLATSBURG_115KV_PMLD1 355749	46.01 -0.14 0.00	42.47 0.30 0.00	36.62 0.25 0.00	34.68 0.21 0.00	34.66 0.21 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.29 0.00	39.90 0.36 0.00	39.82 0.32 0.00	41.98 0.33 0.00	44.28 0.35 0.00	47.48 0.00 0.00	50.80 -0.15 0.00	54.56 -0.16 0.00	61.92 -0.12 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.82 1.00 0.00	51.44 0.61 0.00	45.14 0.89 0.00
PLEASANTVLY___LBMP 24000	46.93 0.78 0.00	43.06 0.89 0.00	37.24 0.87 0.00	35.23 0.76 0.00	35.25 0.79 0.00	37.26 0.84 0.00	43.20 0.97 0.00	44.81 0.96 0.00	43.15 1.18 0.00	40.65 1.11 0.00	40.50 0.99 0.00	42.52 0.87 0.00	44.75 0.66 -0.17	48.41 0.66 -0.27	51.90 0.82 -0.13	55.38 0.66 0.00	62.73 0.68 0.00	72.43 1.14 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.35 0.34 0.00	58.70 -0.12 0.00	51.29 0.46 0.00	44.70 0.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.26 1.11 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.06 1.42 0.00	45.35 1.27 -0.15	49.05 1.33 -0.24	52.60 1.53 -0.12	56.09 1.37 0.00	63.47 1.43 0.00	73.21 1.92 0.00	77.00 1.51 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.64 0.81 0.00	45.05 0.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.26 1.11 0.00	43.32 1.14 0.00	37.50 1.13 0.00	35.44 0.97 0.00	35.46 1.00 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.57 1.60 0.00	41.17 1.62 0.00	41.05 1.54 0.00	43.06 1.42 0.00	45.35 1.27 -0.15	49.05 1.33 -0.24	52.60 1.53 -0.12	56.09 1.37 0.00	63.47 1.43 0.00	73.21 1.92 0.00	77.00 1.51 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.64 0.81 0.00	45.05 0.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.39 1.25 0.00	43.36 1.18 0.00	37.53 1.16 0.00	35.47 1.00 0.00	35.49 1.03 0.00	37.52 1.09 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.40 1.43 0.00	40.85 1.30 0.00	40.69 1.19 0.00	42.73 1.08 0.00	44.89 0.97 0.00	48.52 1.04 0.00	52.28 1.32 0.00	55.98 1.26 0.00	63.22 1.18 0.00	73.14 1.85 0.00	77.08 1.59 0.00	77.55 1.37 0.00	69.10 1.09 0.00	59.35 0.53 0.00	51.80 0.97 0.00	45.10 0.84 0.00
POLETTI____ 23519	47.35 1.20 0.00	43.36 1.18 0.00	37.53 1.16 0.00	35.44 0.97 0.00	35.42 0.96 0.00	37.52 1.09 0.00	43.58 1.35 0.00	45.29 1.45 0.00	43.78 1.81 0.00	41.48 1.94 0.00	41.36 1.86 0.00	43.40 1.75 0.00	45.66 1.58 -0.15	49.33 1.61 -0.24	52.86 1.78 -0.12	56.25 1.53 0.00	63.58 1.55 0.02	73.27 2.00 0.02	76.91 1.43 0.02	77.23 1.07 0.02	68.74 0.75 0.02	58.92 0.12 0.02	51.75 0.91 0.00	45.14 0.89 0.00
POMONA___ESR 323819	47.07 0.92 0.00	43.19 1.01 0.00	37.39 1.02 0.00	35.34 0.86 0.00	35.35 0.89 0.00	37.37 0.95 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.24 1.26 0.00	40.93 1.38 0.00	40.77 1.26 0.00	42.77 1.12 0.00	45.03 0.97 -0.14	48.70 1.00 -0.23	52.24 1.17 -0.11	55.76 1.04 0.00	63.10 1.05 0.00	72.79 1.50 0.00	76.47 0.98 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.82 0.00 0.00	51.34 0.51 0.00	44.61 0.35 0.00
PORT_JEFF_3 23555	46.00 -0.14 0.01	43.57 1.39 0.00	37.93 1.56 0.00	35.82 1.34 0.00	35.73 1.28 0.00	37.74 1.31 0.00	43.49 1.27 0.00	44.89 1.05 0.00	44.24 2.27 0.00	42.27 2.73 0.00	41.33 1.82 0.00	42.77 1.12 0.00	43.99 -0.04 -0.11	45.60 0.52 2.40	49.02 0.61 2.55	48.95 0.44 6.20	54.92 0.37 7.50	71.92 0.64 0.01	70.87 0.00 4.62	64.68 -0.08 11.43	49.14 -0.27 18.60	45.41 -0.77 12.65	43.99 -0.30 6.54	43.21 -0.97 0.07
PORT_JEFF_4 23616	46.00 -0.14 0.01	43.57 1.39 0.00	37.93 1.56 0.00	35.82 1.34 0.00	35.73 1.28 0.00	37.74 1.31 0.00	43.49 1.27 0.00	44.89 1.05 0.00	44.24 2.27 0.00	42.27 2.73 0.00	41.33 1.82 0.00	42.77 1.12 0.00	43.99 -0.04 -0.11	45.60 0.52 2.40	49.02 0.61 2.55	48.95 0.44 6.20	54.92 0.37 7.50	71.92 0.64 0.01	70.87 0.00 4.62	64.68 -0.08 11.43	49.14 -0.27 18.60	45.41 -0.77 12.65	43.99 -0.30 6.54	43.21 -0.97 0.07

PORT_JEFF_IC 23713	46.19 0.05 0.01	43.61 1.43 0.00	37.97 1.60 0.00	35.99 1.52 0.00	35.77 1.31 0.00	37.88 1.46 0.00	43.92 1.69 0.00	45.24 1.40 0.00	44.66 2.69 0.00	42.35 2.81 0.00	42.08 2.57 0.00	43.27 1.62 0.00	44.56 0.53 -0.11	45.70 0.62 2.39	49.18 0.76 2.54	49.14 0.60 6.18	55.07 0.50 7.47	71.78 0.50 0.01	70.66 -0.23 4.60	64.95 0.15 11.38	49.48 0.00 18.53	45.51 -0.71 12.60	44.11 -0.20 6.52	44.01 -0.18 0.07
PPL PILGRIM_ST_GT1 24216	46.28 0.14 0.01	43.78 1.60 0.00	38.08 1.71 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.85 1.42 0.00	43.71 1.48 0.00	45.07 1.23 0.00	44.33 2.35 0.00	42.39 2.85 0.00	41.48 1.97 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.74 0.62 2.35	49.17 0.71 2.50	49.18 0.55 6.08	55.24 0.56 7.36	72.21 0.92 0.01	71.41 0.46 4.53	64.97 0.00 11.21	49.63 -0.14 18.25	45.76 -0.65 12.41	44.26 -0.15 6.42	43.43 -0.75 0.07
PPL PILGRIM_ST_GT2 24217	46.28 0.14 0.01	43.78 1.60 0.00	38.08 1.71 0.00	35.92 1.45 0.00	35.87 1.41 0.00	37.85 1.42 0.00	43.71 1.48 0.00	45.07 1.23 0.00	44.33 2.35 0.00	42.39 2.85 0.00	41.48 1.97 0.00	42.94 1.29 0.00	44.12 0.09 -0.11	45.74 0.62 2.35	49.17 0.71 2.50	49.18 0.55 6.08	55.24 0.56 7.36	72.21 0.92 0.01	71.41 0.46 4.53	64.97 0.00 11.21	49.63 -0.14 18.25	45.76 -0.65 12.41	44.26 -0.15 6.42	43.43 -0.75 0.07
PPL_SHRM_GT3 24213	45.77 -0.37 0.01	43.53 1.35 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.94 1.48 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.54 2.56 0.00	42.55 3.00 0.00	41.29 1.78 0.00	42.77 1.12 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	48.97 0.56 2.54	49.02 0.49 6.19	54.68 0.12 7.48	72.35 1.07 0.01	71.33 0.46 4.61	64.85 0.08 11.41	49.65 0.20 18.56	45.55 -0.65 12.62	44.00 -0.30 6.53	42.99 -1.19 0.07
PPL_SHRM_GT4 24214	45.77 -0.37 0.01	43.53 1.35 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.94 1.48 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.54 2.56 0.00	42.55 3.00 0.00	41.29 1.78 0.00	42.77 1.12 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	48.97 0.56 2.54	49.02 0.49 6.19	54.68 0.12 7.48	72.35 1.07 0.01	71.33 0.46 4.61	64.85 0.08 11.41	49.65 0.20 18.56	45.55 -0.65 12.62	44.00 -0.30 6.53	42.99 -1.19 0.07
PROJECT___ORANGE 1 24174	45.87 -0.28 0.00	41.71 -0.46 0.00	35.90 -0.47 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.76 -0.46 0.00	43.45 -0.39 0.00	41.56 -0.42 0.00	39.23 -0.32 0.00	39.35 -0.16 0.00	41.61 -0.04 0.00	44.02 0.09 0.00	47.67 0.19 0.00	51.11 0.15 0.00	54.99 0.27 0.00	62.35 0.31 0.00	71.50 0.21 0.00	75.64 0.15 0.00	76.48 0.30 0.00	68.35 0.34 0.00	58.94 0.12 0.00	50.73 -0.10 0.00	44.12 -0.13 0.00
PROJECT___ORANGE 2 24166	45.87 -0.28 0.00	41.71 -0.46 0.00	35.90 -0.47 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.76 -0.46 0.00	43.45 -0.39 0.00	41.56 -0.42 0.00	39.23 -0.32 0.00	39.35 -0.16 0.00	41.61 -0.04 0.00	44.02 0.09 0.00	47.67 0.19 0.00	51.11 0.15 0.00	54.99 0.27 0.00	62.35 0.31 0.00	71.50 0.21 0.00	75.64 0.15 0.00	76.48 0.30 0.00	68.35 0.34 0.00	58.94 0.12 0.00	50.73 -0.10 0.00	44.12 -0.13 0.00
PUCKETT___SOLAR 323809	47.63 1.48 0.00	43.15 0.97 0.00	37.10 0.73 0.00	35.16 0.69 0.00	35.08 0.62 0.00	37.30 0.87 0.00	43.28 1.06 0.00	44.94 1.10 0.00	42.82 0.84 0.00	40.26 0.71 0.00	40.38 0.87 0.00	42.73 1.08 0.00	45.20 1.27 0.00	49.00 1.52 0.00	52.54 1.58 0.00	56.80 2.08 0.00	64.59 2.54 0.00	74.07 2.78 0.00	78.59 3.10 0.00	79.84 3.66 0.00	71.34 3.33 0.00	61.53 2.71 0.00	52.92 2.08 0.00	46.03 1.77 0.00
PYRITES___HYD 24023	48.23 2.08 0.00	44.16 1.98 0.00	37.97 1.60 0.00	35.89 1.41 0.00	35.87 1.41 0.00	37.96 1.53 0.00	44.17 1.94 0.00	45.68 1.84 0.00	43.49 1.51 0.00	40.85 1.30 0.00	40.77 1.26 0.00	42.94 1.29 0.00	45.25 1.32 0.00	48.85 1.38 0.00	52.28 1.32 0.00	56.20 1.48 0.00	63.66 1.61 0.00	72.50 1.21 0.00	77.68 2.19 0.00	79.07 2.89 0.00	70.66 2.65 0.00	62.11 3.29 0.00	53.32 2.49 0.00	46.47 2.21 0.00
QUAKERRD_115KV_BK1 80622	46.20 0.05 0.00	41.76 -0.42 0.00	35.82 -0.55 0.00	33.92 -0.55 0.00	33.77 -0.69 0.00	35.92 -0.51 0.00	41.51 -0.72 0.00	43.40 -0.44 0.00	41.43 -0.55 0.00	39.35 -0.20 0.00	39.75 0.24 0.00	42.36 0.71 0.00	45.16 1.23 0.00	48.95 1.47 0.00	52.28 1.32 0.00	56.36 1.64 0.00	63.78 1.74 0.00	72.36 1.07 0.00	76.40 0.91 0.00	77.32 1.14 0.00	69.58 1.56 0.00	60.11 1.29 0.00	51.34 0.51 0.00	44.57 0.31 0.00
QUENSBRY_115KV_TB8 356137	47.67 1.52 0.00	43.70 1.52 0.00	37.75 1.38 0.00	35.78 1.31 0.00	35.84 1.38 0.00	37.96 1.53 0.00	43.79 1.56 0.00	45.33 1.49 0.00	43.11 1.13 0.00	40.38 0.83 0.00	39.82 0.32 0.00	41.90 0.25 0.00	43.75 -0.04 0.13	47.17 -0.09 0.21	51.11 0.25 0.10	55.21 0.49 0.00	62.73 0.68 0.00	72.57 1.28 0.00	78.28 2.79 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.47 2.65 0.00	53.02 2.19 0.00	45.98 1.73 0.00
RAMAPO___LBMP 323565	46.98 0.83 0.00	43.02 0.84 0.00	37.24 0.87 0.00	35.23 0.76 0.00	35.25 0.79 0.00	37.30 0.87 0.00	43.28 1.06 0.00	44.85 1.01 0.00	43.20 1.22 0.00	40.81 1.27 0.00	40.69 1.19 0.00	42.69 1.04 0.00	44.90 0.83 -0.14	48.56 0.85 -0.22	52.08 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.57 1.28 0.00	76.25 0.75 0.00	76.79 0.61 0.00	68.35 0.34 0.00	58.70 -0.12 0.00	51.24 0.41 0.00	44.70 0.44 0.00
RANKINE____ 23646	49.10 2.95 0.00	43.65 1.48 0.00	37.43 1.05 0.00	35.51 1.03 0.00	35.11 0.65 0.00	37.63 1.20 0.00	43.33 1.10 0.00	45.11 1.27 0.00	42.78 0.80 0.00	41.32 1.78 0.00	42.27 2.77 0.00	45.56 3.91 0.00	49.07 5.14 0.00	53.17 5.70 0.00	56.56 5.61 0.00	60.68 5.96 0.00	68.56 6.51 0.00	76.28 4.99 0.00	80.47 4.98 0.00	82.05 5.87 0.00	73.52 5.51 0.00	63.64 4.82 0.00	54.29 3.46 0.00	47.44 3.19 0.00
RAVENSWOOD_GT2_1 24244	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT2_2 24245	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00

RAVENSWOOD_GT2_3 24246	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.58 1.10 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.42 1.58 0.00	43.87 1.89 0.00	41.56 2.02 0.00	41.44 1.94 0.00	43.48 1.83 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.15 1.66 0.00	77.47 1.30 0.00	68.96 0.95 0.00	59.11 0.29 0.00	51.90 1.07 0.00	45.23 0.97 0.00
RAVENSWOOD_GT2_4 24247	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.58 1.10 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.42 1.58 0.00	43.87 1.89 0.00	41.56 2.02 0.00	41.44 1.94 0.00	43.48 1.83 0.00	45.75 1.67 -0.15	49.43 1.71 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.15 1.66 0.00	77.47 1.30 0.00	68.96 0.95 0.00	59.11 0.29 0.00	51.90 1.07 0.00	45.23 0.97 0.00
RAVENSWOOD_GT3_1 24248	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT3_2 24249	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.40 1.22 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT3_3 24250	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.48 1.98 0.00	43.52 1.87 0.00	45.79 1.71 -0.15	49.48 1.76 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.23 1.74 0.00	77.55 1.37 0.00	69.03 1.02 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
RAVENSWOOD_GT3_4 24251	47.53 1.38 0.00	43.53 1.35 0.00	37.68 1.31 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.48 1.98 0.00	43.52 1.87 0.00	45.79 1.71 -0.15	49.48 1.76 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.84 1.80 0.00	73.50 2.21 0.00	77.23 1.74 0.00	77.55 1.37 0.00	69.03 1.02 0.00	59.23 0.41 0.00	51.95 1.12 0.00	45.32 1.06 0.00
RAVENSWOOD_GT_1 23729	47.72 1.57 0.00	43.70 1.52 0.00	37.83 1.45 0.00	35.75 1.28 0.00	35.70 1.24 0.00	37.81 1.38 0.00	43.79 1.56 0.00	45.33 1.49 0.00	43.78 1.81 0.00	41.72 2.17 0.00	41.64 2.13 0.00	43.65 2.00 0.00	45.97 1.89 -0.15	49.62 1.90 -0.24	52.96 1.89 -0.12	56.31 1.59 0.00	63.35 1.30 0.00	73.00 1.71 0.00	76.62 1.13 0.00	77.02 0.84 0.00	68.55 0.54 0.00	58.76 -0.06 0.00	52.00 1.17 0.00	45.49 1.24 0.00
RAVENSWOOD_GT_10 24258	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_11 24259	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_4 24252	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.44 1.94 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_5 24254	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.44 1.94 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_6 24253	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.44 1.94 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_7 24255	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.44 1.94 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00
RAVENSWOOD_GT_9 24257	47.44 1.29 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.66 1.44 0.00	45.38 1.53 0.00	43.82 1.85 0.00	41.52 1.98 0.00	41.40 1.90 0.00	43.44 1.79 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.91 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.43 2.14 0.00	77.08 1.59 0.00	77.47 1.30 0.00	68.90 0.88 0.00	59.11 0.29 0.00	51.85 1.02 0.00	45.23 0.97 0.00

RAVENSWOOD___1 23533	47.63 1.48 -0.01	43.70 1.52 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.75 1.52 0.00	45.37 1.53 0.00	43.78 1.80 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.93 1.84 -0.16	49.62 1.90 -0.24	52.86 1.78 -0.12	56.25 1.53 0.00	63.28 1.24 0.01	72.92 1.64 0.01	76.54 1.06 0.01	76.93 0.76 0.01	68.41 0.41 0.01	58.69 -0.12 0.01	51.79 0.96 0.00	45.28 1.02 -0.01
RAVENSWOOD___2 23534	47.63 1.48 -0.01	43.70 1.52 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.71 1.48 0.00	45.33 1.49 0.00	43.74 1.76 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.93 1.84 -0.16	49.62 1.90 -0.24	52.86 1.78 -0.12	56.20 1.48 0.00	63.21 1.18 0.01	72.85 1.57 0.01	76.54 1.06 0.01	76.86 0.68 0.01	68.41 0.41 0.01	58.63 -0.18 0.01	51.79 0.96 0.00	45.28 1.02 -0.01
RAVENSWOOD___3 23535	47.40 1.25 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.59 1.17 0.00	43.66 1.44 0.00	45.37 1.53 0.00	43.82 1.84 0.00	41.56 2.02 0.00	41.37 1.86 0.00	43.40 1.75 0.00	45.70 1.63 -0.15	49.38 1.66 -0.24	52.90 1.83 -0.12	56.36 1.64 0.00	63.72 1.68 0.00	73.36 2.07 0.00	77.08 1.59 0.00	77.47 1.29 0.00	68.89 0.88 0.00	59.11 0.30 0.00	51.75 0.92 0.00	45.01 0.75 0.00
RAVENSWOOD___4 23820	47.63 1.48 -0.01	43.70 1.52 -0.01	37.83 1.46 -0.01	35.72 1.24 -0.01	35.70 1.24 -0.01	37.78 1.35 0.00	43.71 1.48 0.00	45.33 1.49 0.00	43.74 1.76 0.00	41.76 2.21 0.00	41.60 2.09 0.00	43.61 1.96 0.00	45.93 1.84 -0.16	49.62 1.90 -0.24	52.86 1.78 -0.12	56.20 1.48 0.00	63.15 1.12 0.01	72.78 1.50 0.01	76.46 0.98 0.01	76.86 0.68 0.01	68.34 0.34 0.01	58.63 -0.18 0.01	51.79 0.96 0.00	45.24 0.97 -0.01
RCPL_TRUST___DRP 24196	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.48 1.98 0.00	43.52 1.87 0.00	45.79 1.71 -0.15	49.48 1.76 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.84 1.80 0.00	73.57 2.28 0.00	77.23 1.74 0.00	77.55 1.37 0.00	69.03 1.02 0.00	59.17 0.35 0.00	51.90 1.07 0.00	45.23 0.97 0.00
RED___ROCHESTER 323720	47.90 1.75 0.00	43.19 1.01 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.80 0.96 0.00	42.82 0.84 0.00	40.65 1.11 0.00	41.17 1.66 0.00	44.11 3.21 0.00	47.13 3.21 0.00	51.04 3.56 0.00	54.63 3.67 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.41 3.92 0.00	80.37 4.19 0.00	72.50 4.49 0.00	62.64 3.82 0.00	53.47 2.64 0.00	46.38 2.12 0.00
REGAN___SOLAR 323812	49.38 3.23 0.00	45.17 2.99 0.00	38.88 2.51 0.00	36.89 2.41 0.00	36.90 2.45 0.00	39.16 2.73 0.00	45.27 3.04 0.00	46.38 2.54 0.00	43.53 1.55 0.00	40.26 0.71 0.00	39.71 0.20 0.00	41.61 -0.04 0.00	43.53 -0.31 0.09	47.05 -0.28 0.14	51.04 0.15 0.07	55.49 0.77 0.00	63.59 1.55 0.00	74.21 2.92 0.00	80.39 4.90 0.00	82.05 5.87 0.00	73.79 5.78 0.00	63.82 5.00 0.00	54.95 4.12 0.00	47.62 3.36 0.00
RENSSELAER___COGEN 23796	45.97 -0.18 0.00	42.18 0.00 0.00	36.48 0.11 0.00	34.65 0.17 0.00	34.70 0.24 0.00	36.54 0.11 0.00	42.27 0.04 0.00	43.80 -0.04 0.00	42.02 0.04 0.00	39.43 -0.12 0.00	39.19 -0.32 0.00	41.19 -0.46 0.00	43.11 -0.70 0.12	46.58 -0.71 0.19	50.20 -0.66 0.09	53.95 -0.77 0.00	61.17 -0.87 0.00	70.72 -0.57 0.00	74.88 -0.61 0.00	75.42 -0.76 0.00	67.33 -0.68 0.00	58.12 -0.70 0.00	50.42 -0.41 0.00	43.86 -0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.75 3.60 0.00	45.55 3.37 0.00	39.28 2.91 0.00	37.23 2.76 0.00	37.28 2.83 0.00	39.67 3.24 0.00	45.69 3.46 0.00	47.13 3.29 0.00	44.58 2.60 0.00	41.64 2.10 0.00	41.09 1.58 0.00	43.36 1.71 0.00	45.29 1.49 0.13	48.83 1.57 0.21	52.99 2.14 0.10	57.40 2.68 0.00	65.21 3.16 0.00	75.57 4.28 0.00	81.91 6.42 0.00	82.81 6.63 0.00	74.81 6.80 0.00	64.99 6.18 0.00	55.81 4.98 0.00	48.28 4.03 0.00
REVERE_CPPR_DRP 24186	48.13 1.98 0.00	43.65 1.48 0.00	37.50 1.13 0.00	35.40 0.93 0.00	35.35 0.90 0.00	37.52 1.09 0.00	43.58 1.35 0.00	45.42 1.58 0.00	43.40 1.43 0.00	40.65 1.11 0.00	40.85 1.34 0.00	43.11 1.46 0.00	45.33 1.41 0.00	49.14 1.66 0.00	52.74 1.78 0.00	56.74 2.02 0.00	64.59 2.54 0.00	74.35 3.07 0.00	79.11 3.62 0.00	80.22 4.04 0.00	71.68 3.67 0.00	61.76 2.94 0.00	53.07 2.24 0.00	45.89 1.64 0.00
REYNLDPA_13_KV_LD 356490	46.75 0.60 0.00	42.85 0.67 0.00	36.95 0.58 0.00	34.99 0.52 0.00	34.97 0.52 0.00	36.97 0.55 0.00	42.95 0.72 0.00	44.54 0.70 0.00	42.61 0.63 0.00	40.18 0.63 0.00	40.10 0.59 0.00	42.27 0.62 0.00	44.59 0.66 0.00	48.14 0.66 0.00	51.52 0.56 0.00	55.32 0.60 0.00	62.79 0.74 0.00	71.93 0.64 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.90 0.88 0.00	59.99 1.18 0.00	51.70 0.86 0.00	45.14 0.89 0.00
REYNOLDS_115KV_TB3 80639	46.38 0.23 0.00	42.52 0.34 0.00	36.77 0.40 0.00	34.92 0.45 0.00	34.97 0.52 0.00	36.83 0.40 0.00	42.61 0.38 0.00	44.15 0.31 0.00	42.31 0.34 0.00	39.70 0.16 0.00	39.43 -0.08 0.00	41.44 -0.21 0.00	43.39 -0.40 0.14	46.82 -0.43 0.23	50.54 -0.31 0.11	54.28 -0.44 0.00	61.55 -0.50 0.00	71.22 -0.07 0.00	75.42 -0.08 0.00	75.87 -0.30 0.00	67.74 -0.27 0.00	58.47 -0.35 0.00	50.83 0.00 0.00	44.26 0.00 0.00
RIVERBAY____ 323610	48.59 2.45 0.00	44.50 2.32 0.00	38.52 2.15 0.00	36.37 1.90 0.00	36.32 1.86 0.00	38.47 2.04 0.00	44.34 2.11 0.00	45.81 1.97 0.00	44.16 2.18 0.00	42.12 2.57 0.00	42.08 2.57 0.00	44.02 2.37 0.00	46.41 2.33 -0.15	50.05 2.33 -0.24	53.47 2.39 -0.12	56.85 2.13 0.00	63.90 1.86 0.00	73.71 2.42 0.00	77.53 2.04 0.00	77.93 1.75 0.00	69.44 1.43 0.00	59.47 0.65 0.00	52.86 2.03 0.00	46.16 1.90 0.00
RIVERSDE_115KV_TB3 55908	46.24 0.09 0.00	42.39 0.21 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.02 0.18 0.00	42.23 0.25 0.00	39.58 0.04 0.00	39.35 -0.16 0.00	41.36 -0.29 0.00	43.32 -0.48 0.13	46.75 -0.52 0.21	50.45 -0.41 0.10	54.23 -0.49 0.00	61.42 -0.62 0.00	71.08 -0.21 0.00	75.26 -0.23 0.00	75.72 -0.46 0.00	67.67 -0.34 0.00	58.41 -0.41 0.00	50.73 -0.10 0.00	44.17 -0.09 0.00
ROARING___BROOK_WT_PWR 323790	45.83 -0.32 0.00	41.84 -0.34 0.00	36.08 -0.29 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.13 -0.29 0.00	41.93 -0.29 0.00	43.58 -0.26 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.43 -0.08 0.00	41.57 -0.08 0.00	43.84 -0.09 0.00	47.34 -0.14 0.00	50.75 -0.20 0.00	54.50 -0.22 0.00	61.86 -0.19 0.00	71.08 -0.21 0.00	75.34 -0.15 0.00	76.03 -0.15 0.00	67.67 -0.34 0.00	58.47 -0.35 0.00	50.37 -0.46 0.00	43.77 -0.49 0.00

ROCHESRG_115KV_T4 355643	47.26 1.11 0.00	42.60 0.42 0.00	36.55 0.18 0.00	34.61 0.14 0.00	34.42 -0.03 0.00	36.65 0.22 0.00	42.31 0.08 0.00	44.24 0.39 0.00	42.15 0.17 0.00	40.14 0.59 0.00	40.57 1.07 0.00	43.36 1.71 0.00	46.26 2.33 0.00	50.14 2.66 0.00	53.55 2.60 0.00	57.67 2.95 0.00	65.27 3.23 0.00	73.78 2.50 0.00	77.91 2.42 0.00	79.00 2.82 0.00	71.07 3.06 0.00	61.47 2.65 0.00	52.46 1.63 0.00	45.58 1.33 0.00
ROCHESTER_9_IC 23652	47.58 1.43 0.00	42.90 0.72 0.00	36.77 0.40 0.00	34.82 0.34 0.00	34.63 0.17 0.00	36.86 0.44 0.00	42.57 0.34 0.00	44.54 0.70 0.00	42.48 0.50 0.00	40.41 0.87 0.00	40.89 1.38 0.00	43.73 2.08 0.00	46.70 2.77 0.00	50.61 3.13 0.00	54.06 3.11 0.00	58.22 3.50 0.00	65.95 3.91 0.00	74.50 3.21 0.00	78.59 3.10 0.00	79.68 3.50 0.00	71.75 3.74 0.00	62.05 3.24 0.00	52.86 2.03 0.00	45.94 1.68 0.00
ROCKVIEW_13_KV_LD 356306	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.58 1.10 0.00	35.56 1.10 0.00	37.67 1.24 0.00	43.71 1.48 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.44 1.90 0.00	41.36 1.86 0.00	43.36 1.71 0.00	45.66 1.58 -0.15	49.38 1.66 -0.24	52.96 1.89 -0.12	56.42 1.70 0.00	63.90 1.86 0.00	73.64 2.35 0.00	77.38 1.89 0.00	77.78 1.60 0.00	69.24 1.22 0.00	59.41 0.59 0.00	51.90 1.07 0.00	45.23 0.97 0.00
ROME____115KV_TB2 80656	48.13 1.98 0.00	43.65 1.48 0.00	37.50 1.13 0.00	35.40 0.93 0.00	35.35 0.90 0.00	37.52 1.09 0.00	43.58 1.35 0.00	45.42 1.58 0.00	43.40 1.43 0.00	40.65 1.11 0.00	40.85 1.34 0.00	43.11 1.46 0.00	45.33 1.41 0.00	49.14 1.66 0.00	52.74 1.78 0.00	56.74 2.02 0.00	64.59 2.54 0.00	74.35 3.07 0.00	79.11 3.62 0.00	80.22 4.04 0.00	71.68 3.67 0.00	61.76 2.94 0.00	53.07 2.24 0.00	45.89 1.64 0.00
ROSETON___1 23587	46.84 0.69 0.00	42.98 0.80 0.00	37.17 0.80 0.00	35.16 0.69 0.00	35.18 0.72 0.00	37.19 0.77 0.00	43.12 0.89 0.00	44.76 0.92 0.00	43.03 1.05 0.00	40.65 1.11 0.00	40.45 0.95 0.00	42.44 0.79 0.00	44.73 0.66 -0.14	48.37 0.66 -0.22	51.83 0.77 -0.11	55.38 0.66 0.00	62.73 0.68 0.00	72.36 1.07 0.00	76.17 0.68 0.00	76.64 0.46 0.00	68.28 0.27 0.00	58.70 -0.12 0.00	51.19 0.36 0.00	44.52 0.27 0.00
ROSETON___2 23588	46.84 0.69 0.00	42.98 0.80 0.00	37.17 0.80 0.00	35.16 0.69 0.00	35.18 0.72 0.00	37.19 0.77 0.00	43.12 0.89 0.00	44.76 0.92 0.00	43.03 1.05 0.00	40.65 1.11 0.00	40.45 0.95 0.00	42.44 0.79 0.00	44.73 0.66 -0.14	48.37 0.66 -0.22	51.83 0.77 -0.11	55.38 0.66 0.00	62.73 0.68 0.00	72.36 1.07 0.00	76.17 0.68 0.00	76.64 0.46 0.00	68.28 0.27 0.00	58.70 -0.12 0.00	51.19 0.36 0.00	44.52 0.27 0.00
ROTTRDAM_115KV_TB3 80664	46.93 0.78 0.00	42.98 0.80 0.00	37.10 0.73 0.00	35.16 0.69 0.00	35.18 0.72 0.00	37.16 0.73 0.00	43.03 0.80 0.00	44.54 0.70 0.00	42.57 0.59 0.00	39.98 0.43 0.00	39.78 0.28 0.00	41.86 0.21 0.00	43.92 0.09 0.10	47.41 0.09 0.16	51.08 0.20 0.08	54.99 0.27 0.00	62.35 0.31 0.00	72.00 0.71 0.00	76.47 0.98 0.00	77.17 0.99 0.00	69.03 1.02 0.00	59.64 0.82 0.00	51.64 0.81 0.00	44.92 0.66 0.00
RUSSELL___1 23602	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
RUSSELL___2 23532	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
RUSSELL___3 23549	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
RUSSELL___4 23556	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
RUSSELL___STATION 23914	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
S SALMON___HYD 24043	46.61 0.46 0.00	42.31 0.13 0.00	36.33 -0.04 0.00	34.37 -0.10 0.00	34.32 -0.14 0.00	36.43 0.00 0.00	42.27 0.04 0.00	44.02 0.18 0.00	42.02 0.04 0.00	39.51 -0.04 0.00	39.63 0.12 0.00	41.86 0.21 0.00	44.15 0.22 0.00	47.81 0.33 0.00	51.16 0.20 0.00	54.77 0.05 0.00	62.23 0.19 0.00	71.58 0.29 0.00	76.09 0.60 0.00	77.17 0.99 0.00	69.03 1.02 0.00	59.64 0.82 0.00	51.54 0.71 0.00	44.65 0.40 0.00
S.PERRY___115KV_TB1 80734	49.43 3.28 0.00	44.37 2.19 0.00	37.93 1.56 0.00	35.92 1.45 0.00	35.73 1.27 0.00	38.21 1.78 0.00	44.13 1.90 0.00	45.77 1.93 0.00	43.15 1.18 0.00	40.97 1.42 0.00	41.40 1.90 0.00	44.27 2.62 0.00	47.35 3.43 0.00	51.42 3.94 0.00	53.20 2.24 0.00	57.46 2.74 0.00	65.15 3.10 0.00	73.86 2.57 0.00	78.89 3.40 0.00	81.06 4.88 0.00	73.25 5.24 0.00	63.29 4.47 0.00	53.68 2.85 0.00	48.06 3.81 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.50 2.35 0.00	43.19 1.01 0.00	37.03 0.65 0.00	35.16 0.69 0.00	34.77 0.31 0.00	37.23 0.80 0.00	42.82 0.59 0.00	44.54 0.70 0.00	42.23 0.25 0.00	40.77 1.23 0.00	41.68 2.17 0.00	44.90 3.25 0.00	48.28 4.35 0.00	52.32 4.84 0.00	55.64 4.69 0.00	59.86 5.14 0.00	67.63 5.58 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.83 4.65 0.00	72.50 4.49 0.00	62.94 4.12 0.00	53.68 2.85 0.00	46.96 2.70 0.00

SAWYER___23_KV_LOAD 55526	48.50 2.35 0.00	43.19 1.01 0.00	37.03 0.65 0.00	35.16 0.69 0.00	34.77 0.31 0.00	37.23 0.80 0.00	42.82 0.59 0.00	44.54 0.70 0.00	42.23 0.25 0.00	40.77 1.23 0.00	41.68 2.17 0.00	44.90 3.25 0.00	48.28 4.35 0.00	52.32 4.84 0.00	55.64 4.69 0.00	59.86 5.14 0.00	67.63 5.58 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.83 4.65 0.00	72.50 4.49 0.00	62.94 4.12 0.00	53.68 2.85 0.00	46.96 2.70 0.00
SELKIRK___I 23801	46.52 0.37 0.00	42.64 0.46 0.00	36.84 0.47 0.00	34.99 0.52 0.00	35.01 0.55 0.00	36.90 0.47 0.00	42.65 0.42 0.00	44.15 0.31 0.00	42.15 0.17 0.00	39.54 0.00 0.00	39.31 -0.20 0.00	41.31 -0.33 0.00	43.37 -0.48 0.07	46.84 -0.52 0.12	50.49 -0.41 0.06	54.23 -0.49 0.00	61.54 -0.50 0.00	71.08 -0.21 0.00	75.49 0.00 0.00	76.18 0.00 0.00	68.08 0.07 0.00	58.88 0.06 0.00	51.04 0.20 0.00	44.43 0.18 0.00
SELKIRK___II 23799	46.20 0.05 0.00	42.35 0.17 0.00	36.63 0.26 0.00	34.78 0.31 0.00	34.80 0.34 0.00	36.65 0.22 0.00	42.44 0.21 0.00	43.97 0.13 0.00	42.15 0.17 0.00	39.58 0.04 0.00	39.39 -0.12 0.00	41.40 -0.25 0.00	43.45 -0.40 0.08	46.91 -0.43 0.14	50.54 -0.35 0.07	54.28 -0.44 0.00	61.54 -0.50 0.00	71.01 -0.28 0.00	75.19 -0.30 0.00	75.80 -0.38 0.00	67.67 -0.34 0.00	58.41 -0.41 0.00	50.68 -0.15 0.00	44.08 -0.18 0.00
SENECA OSWGO___HYD 24041	45.64 -0.51 0.00	41.50 -0.68 0.00	35.72 -0.65 0.00	33.85 -0.62 0.00	33.80 -0.66 0.00	35.84 -0.58 0.00	41.55 -0.68 0.00	43.23 -0.61 0.00	41.35 -0.63 0.00	38.95 -0.59 0.00	39.07 -0.43 0.00	41.27 -0.38 0.00	43.67 -0.26 0.00	47.24 -0.24 0.00	50.65 -0.30 0.00	54.39 -0.33 0.00	61.67 -0.37 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.80 -0.38 0.00	67.74 -0.27 0.00	58.47 -0.35 0.00	50.53 -0.30 0.00	43.86 -0.40 0.00
SENECA___115KV_TB3 355854	49.19 3.05 0.00	43.74 1.56 0.00	37.50 1.13 0.00	35.58 1.10 0.00	35.15 0.69 0.00	37.70 1.27 0.00	43.41 1.18 0.00	45.20 1.36 0.00	42.86 0.88 0.00	41.44 1.90 0.00	42.39 2.88 0.00	45.65 4.00 0.00	49.16 5.23 0.00	53.27 5.79 0.00	56.71 5.76 0.00	60.79 6.07 0.00	68.74 6.70 0.00	76.42 5.13 0.00	80.62 5.13 0.00	82.27 6.09 0.00	73.66 5.64 0.00	63.82 5.00 0.00	54.39 3.56 0.00	47.53 3.27 0.00
SENECA___ENERGY 23797	46.88 0.74 0.00	42.43 0.25 0.00	36.41 0.04 0.00	34.47 0.00 0.00	34.42 -0.03 0.00	36.61 0.18 0.00	42.48 0.25 0.00	44.23 0.39 0.00	42.27 0.30 0.00	39.90 0.36 0.00	40.14 0.63 0.00	42.69 1.04 0.00	45.33 1.41 0.00	49.00 1.52 0.00	52.48 1.53 0.00	56.58 1.86 0.00	64.15 2.11 0.00	73.28 1.99 0.00	77.60 2.11 0.00	78.69 2.51 0.00	70.39 2.38 0.00	60.70 1.88 0.00	52.05 1.22 0.00	45.32 1.06 0.00
SHOEMAKER___GT 23640	46.84 0.69 0.00	42.94 0.76 0.00	37.14 0.76 0.00	35.13 0.65 0.00	35.15 0.69 0.00	37.12 0.69 0.00	43.07 0.84 0.00	44.67 0.83 0.00	42.90 0.92 0.00	40.46 0.91 0.00	40.34 0.83 0.00	42.31 0.66 0.00	44.62 0.57 -0.12	48.29 0.62 -0.20	51.82 0.77 -0.10	55.43 0.71 0.00	62.79 0.75 0.00	72.43 1.14 0.00	76.40 0.91 0.00	76.94 0.76 0.00	68.55 0.54 0.00	59.00 0.18 0.00	51.34 0.51 0.00	44.61 0.35 0.00
SHOEMAKR_138KV_BK 111 55601	46.89 0.74 0.00	42.90 0.72 0.00	37.10 0.73 0.00	35.13 0.66 0.00	35.11 0.65 0.00	37.12 0.69 0.00	43.07 0.84 0.00	44.63 0.79 0.00	42.90 0.92 0.00	40.45 0.91 0.00	40.34 0.83 0.00	42.40 0.75 0.00	44.67 0.61 -0.12	48.29 0.62 -0.20	51.87 0.82 -0.10	55.43 0.71 0.00	62.79 0.74 0.00	72.43 1.14 0.00	76.32 0.83 0.00	76.87 0.69 0.00	68.55 0.54 0.00	58.94 0.12 0.00	51.34 0.51 0.00	44.70 0.44 0.00
SHOREHAM_IC_1 23715	45.77 -0.37 0.01	43.53 1.35 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.94 1.48 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.54 2.56 0.00	42.55 3.00 0.00	41.29 1.78 0.00	42.77 1.12 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	48.97 0.56 2.54	49.02 0.49 6.19	54.68 0.12 7.48	72.35 1.07 0.01	71.33 0.46 4.61	64.85 0.08 11.41	49.65 0.20 18.56	45.55 -0.65 12.62	44.00 -0.30 6.53	42.99 -1.19 0.07
SHOREHAM_IC_2 23716	45.96 -0.18 0.01	43.53 1.35 0.00	38.08 1.71 0.00	36.20 1.72 0.00	35.94 1.48 0.00	38.07 1.64 0.00	44.13 1.90 0.00	45.42 1.58 0.00	44.87 2.90 0.00	42.55 3.01 0.00	42.00 2.49 0.00	43.19 1.54 0.00	44.30 0.26 -0.11	45.51 0.43 2.40	49.02 0.61 2.54	49.02 0.49 6.19	54.68 0.12 7.48	72.35 1.07 0.01	71.26 0.38 4.61	65.00 0.23 11.41	49.72 0.27 18.56	45.49 -0.71 12.62	44.10 -0.20 6.53	43.78 -0.40 0.07
SISSONVILLE____ 23735	47.53 1.38 0.00	43.49 1.31 0.00	37.43 1.05 0.00	35.40 0.93 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.54 1.31 0.00	45.16 1.32 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.62 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.16 1.12 0.00	71.65 0.36 0.00	76.55 1.06 0.00	77.55 1.37 0.00	69.10 1.09 0.00	60.94 2.12 0.00	52.36 1.52 0.00	45.76 1.50 0.00
SITHE_IND_GS1 24169	44.95 -1.20 0.00	40.91 -1.26 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.92 -1.31 0.00	42.57 -1.27 0.00	40.72 -1.26 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.48 -1.00 0.00	49.88 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.31 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.66 -1.17 0.00	43.15 -1.10 0.00
SITHE_IND_GS2 24170	44.95 -1.20 0.00	40.91 -1.26 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.92 -1.31 0.00	42.57 -1.27 0.00	40.72 -1.26 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.48 -1.00 0.00	49.88 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.31 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.66 -1.17 0.00	43.15 -1.10 0.00
SITHE_IND_GS3 24171	44.95 -1.20 0.00	40.91 -1.26 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.92 -1.31 0.00	42.57 -1.27 0.00	40.72 -1.26 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.48 -1.00 0.00	49.88 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.31 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.66 -1.17 0.00	43.15 -1.10 0.00
SITHE_IND_GS4 24172	44.95 -1.20 0.00	40.91 -1.26 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.34 -1.09 0.00	40.92 -1.31 0.00	42.57 -1.27 0.00	40.72 -1.26 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.69 -0.96 0.00	43.00 -0.92 0.00	46.48 -1.00 0.00	49.88 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.31 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.66 -1.17 0.00	43.15 -1.10 0.00

SITHE___BATAVIA 24024	49.56 3.41 0.00	44.33 2.15 0.00	37.90 1.53 0.00	35.99 1.52 0.00	35.59 1.14 0.00	38.07 1.64 0.00	43.87 1.65 0.00	45.90 2.06 0.00	43.70 1.72 0.00	41.64 2.09 0.00	41.64 2.13 0.00	44.90 3.25 0.00	48.15 4.22 0.00	52.18 4.70 0.00	55.74 4.79 0.00	59.97 5.25 0.00	67.75 5.70 0.00	75.86 4.57 0.00	80.33 4.84 0.00	81.90 5.72 0.00	74.00 5.99 0.00	64.00 5.18 0.00	55.56 4.73 0.00	48.28 4.03 0.00
SITHE___INDEPEND 23800	44.95 -1.20 0.00	40.91 -1.27 0.00	35.24 -1.13 0.00	33.41 -1.07 0.00	33.35 -1.10 0.00	35.33 -1.09 0.00	40.92 -1.31 0.00	42.57 -1.27 0.00	40.72 -1.26 0.00	38.40 -1.15 0.00	38.48 -1.03 0.00	40.65 -1.00 0.00	43.01 -0.92 0.00	46.48 -1.00 0.00	49.89 -1.07 0.00	53.57 -1.15 0.00	60.74 -1.30 0.00	69.72 -1.57 0.00	73.83 -1.66 0.00	74.50 -1.68 0.00	66.65 -1.36 0.00	57.52 -1.29 0.00	49.61 -1.22 0.00	43.15 -1.11 0.00
SITHE___MASSENA 23902	47.12 0.97 0.00	43.11 0.93 0.00	37.14 0.76 0.00	35.16 0.69 0.00	35.15 0.69 0.00	37.16 0.73 0.00	43.20 0.97 0.00	44.76 0.92 0.00	42.77 0.80 0.00	40.34 0.79 0.00	40.26 0.75 0.00	42.44 0.79 0.00	44.76 0.83 0.00	48.33 0.86 0.00	51.72 0.77 0.00	55.59 0.87 0.00	63.03 0.99 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.89 0.88 0.00	60.35 1.53 0.00	52.00 1.17 0.00	45.49 1.24 0.00
SITHE___OGDNSBRG 24021	48.04 1.89 0.00	43.99 1.81 0.00	37.86 1.49 0.00	35.78 1.31 0.00	35.77 1.31 0.00	37.81 1.38 0.00	43.96 1.73 0.00	45.46 1.62 0.00	43.32 1.34 0.00	40.69 1.15 0.00	40.57 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.66 1.19 0.00	52.08 1.12 0.00	55.98 1.26 0.00	63.47 1.43 0.00	72.36 1.07 0.00	77.53 2.04 0.00	78.85 2.67 0.00	70.46 2.45 0.00	61.88 3.06 0.00	53.12 2.29 0.00	46.34 2.08 0.00
SITHE___STERLING 23777	47.53 1.38 0.00	43.19 1.01 0.00	37.17 0.80 0.00	35.13 0.65 0.00	35.08 0.62 0.00	37.19 0.77 0.00	43.20 0.97 0.00	44.94 1.10 0.00	42.98 1.01 0.00	40.34 0.79 0.00	40.45 0.95 0.00	42.73 1.08 0.00	44.98 1.05 0.00	48.76 1.28 0.00	52.33 1.38 0.00	56.31 1.59 0.00	63.97 1.93 0.00	73.64 2.35 0.00	78.20 2.71 0.00	79.23 3.05 0.00	70.87 2.86 0.00	61.05 2.23 0.00	52.51 1.67 0.00	45.49 1.24 0.00
SLEIGHT__34_KV_TB1 80719	46.84 0.69 0.00	42.35 0.17 0.00	36.33 -0.04 0.00	34.41 -0.07 0.00	34.28 -0.17 0.00	36.46 0.04 0.00	42.23 0.00 0.00	44.10 0.26 0.00	42.10 0.13 0.00	39.94 0.40 0.00	40.30 0.79 0.00	42.90 1.25 0.00	45.69 1.76 0.00	49.52 2.04 0.00	52.94 1.99 0.00	57.07 2.35 0.00	64.65 2.61 0.00	73.50 2.21 0.00	77.68 2.19 0.00	78.69 2.51 0.00	70.66 2.65 0.00	60.99 2.18 0.00	52.10 1.27 0.00	45.23 0.97 0.00
SMITHTWN_69_KV_BK 1 55830	46.28 0.14 0.01	43.65 1.48 0.00	38.01 1.64 0.00	35.99 1.52 0.00	35.77 1.31 0.00	37.88 1.46 0.00	43.92 1.69 0.00	45.24 1.40 0.00	44.66 2.69 0.00	42.39 2.85 0.00	42.19 2.69 0.00	43.40 1.75 0.00	44.69 0.66 -0.11	45.85 0.76 2.39	49.39 0.97 2.53	49.33 0.77 6.16	55.40 0.81 7.45	72.35 1.07 0.01	71.20 0.30 4.59	65.14 0.30 11.35	49.61 0.07 18.47	45.61 -0.65 12.56	44.18 -0.15 6.50	44.01 -0.18 0.07
SOUTH CAIRO___GT 23612	47.58 1.43 0.00	43.44 1.27 0.00	37.50 1.13 0.00	35.61 1.14 0.00	35.66 1.21 0.00	37.52 1.09 0.00	43.54 1.31 0.00	44.98 1.14 0.00	42.82 0.84 0.00	39.82 0.28 0.00	39.47 -0.04 0.00	41.44 -0.21 0.00	44.10 0.22 0.05	47.68 0.28 0.08	51.58 0.66 0.04	54.99 0.27 0.00	62.48 0.43 0.00	72.72 1.43 0.00	77.68 2.19 0.00	78.62 2.44 0.00	70.32 2.31 0.00	60.82 2.00 0.00	52.61 1.78 0.00	45.63 1.37 0.00
SOUTH HAMPTN___IC 23720	46.60 0.46 0.01	44.20 2.02 0.00	38.63 2.26 0.00	36.51 2.03 0.00	36.39 1.93 0.00	38.39 1.97 0.00	44.13 1.90 0.00	45.64 1.80 0.00	45.13 3.15 0.00	43.18 3.64 0.00	42.07 2.57 0.00	43.69 2.04 0.00	44.78 0.75 -0.11	46.59 1.52 2.40	50.19 1.78 2.55	50.27 1.75 6.20	56.28 1.73 7.49	74.06 2.78 0.01	72.98 2.11 4.62	66.43 1.67 11.42	50.85 1.43 18.59	46.64 0.47 12.64	44.90 0.61 6.54	43.78 -0.40 0.07
SOUTHDOWN_115KV_TB1 355954	49.33 3.18 0.00	43.65 1.48 0.00	37.35 0.98 0.00	35.40 0.93 0.00	35.08 0.62 0.00	37.74 1.31 0.00	44.04 1.82 0.00	45.73 1.89 0.00	43.70 1.72 0.00	42.19 2.65 0.00	43.18 3.67 0.00	46.52 4.87 0.00	50.25 6.33 0.00	54.60 7.12 0.00	58.29 7.34 0.00	63.97 9.25 0.00	72.40 10.36 0.00	79.42 8.13 0.00	83.87 8.38 0.00	85.78 9.60 0.00	76.58 8.57 0.00	66.05 7.23 0.00	56.02 5.18 0.00	48.68 4.43 0.00
SOUTHOLD_69_KV_BK 2 55809	47.76 1.62 0.01	45.00 2.83 0.00	39.32 2.95 0.00	37.30 2.83 0.00	36.94 2.48 0.00	39.12 2.70 0.00	45.27 3.04 0.00	46.65 2.81 0.00	46.22 4.24 0.00	43.89 4.35 0.00	43.66 4.15 0.00	45.06 3.42 0.00	46.36 2.33 -0.11	47.73 2.66 2.40	51.47 3.06 2.55	51.69 3.17 6.20	58.02 3.47 7.49	75.92 4.63 0.01	74.72 3.85 4.62	68.34 3.58 11.42	52.35 2.92 18.59	47.82 1.65 12.64	45.92 1.63 6.54	45.42 1.24 0.07
SOUTHOLD___IC 23719	47.57 1.43 0.01	45.00 2.83 0.00	39.32 2.94 0.00	37.13 2.65 0.00	36.94 2.48 0.00	38.98 2.55 0.00	44.76 2.53 0.00	46.29 2.45 0.00	45.88 3.90 0.00	43.89 4.35 0.00	42.94 3.44 0.00	44.65 3.00 0.00	45.84 1.80 -0.11	47.73 2.66 2.40	51.42 3.01 2.55	51.69 3.17 6.20	58.02 3.47 7.49	75.91 4.63 0.01	74.87 4.00 4.62	68.19 3.43 11.42	52.28 2.86 18.59	47.88 1.71 12.64	45.87 1.58 6.54	44.62 0.44 0.07
SOUTH_FORK_WT_PWR 323839	47.76 1.61 0.01	45.17 2.99 0.00	39.46 3.09 0.00	37.27 2.79 0.00	37.04 2.59 0.00	39.08 2.66 0.00	44.85 2.62 0.00	46.34 2.50 0.00	45.92 3.94 0.00	43.97 4.43 0.00	43.02 3.51 0.00	44.73 3.08 0.00	45.92 1.89 -0.11	47.78 2.70 2.40	51.52 3.11 2.55	51.80 3.28 6.20	58.15 3.60 7.49	76.06 4.78 0.01	74.95 4.07 4.62	68.26 3.51 11.42	52.28 2.86 18.59	47.88 1.71 12.64	45.92 1.63 6.54	44.72 0.53 0.07
SPIERFLS_115KV_TB 1 80737	47.39 1.25 0.00	43.44 1.27 0.00	37.53 1.16 0.00	35.58 1.10 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.54 1.31 0.00	45.07 1.23 0.00	42.90 0.92 0.00	40.18 0.63 0.00	39.59 0.08 0.00	41.65 0.00 0.00	43.49 -0.31 0.13	46.89 -0.38 0.21	50.75 -0.10 0.10	54.83 0.11 0.00	62.29 0.25 0.00	72.07 0.78 0.00	77.68 2.19 0.00	78.31 2.13 0.00	70.46 2.45 0.00	60.99 2.18 0.00	52.66 1.83 0.00	45.67 1.42 0.00
ST LAWRENCE____ 23600	46.33 0.19 0.00	42.39 0.21 0.00	36.55 0.18 0.00	34.65 0.17 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.15 0.17 0.00	39.70 0.16 0.00	39.63 0.12 0.00	41.77 0.13 0.00	44.06 0.13 0.00	47.57 0.10 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.22 -0.07 0.00	75.57 0.08 0.00	76.33 0.15 0.00	68.08 0.07 0.00	59.23 0.41 0.00	51.09 0.26 0.00	44.65 0.40 0.00

STATE_CA_115KV_115_LB 55624	46.29 0.14 0.00	42.43 0.25 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.23 0.25 0.00	39.62 0.08 0.00	39.39 -0.12 0.00	41.44 -0.21 0.00	43.41 -0.40 0.12	46.86 -0.43 0.19	50.56 -0.31 0.09	54.34 -0.38 0.00	61.61 -0.43 0.00	71.22 -0.07 0.00	75.49 0.00 0.00	75.95 -0.23 0.00	67.87 -0.14 0.00	58.58 -0.24 0.00	50.83 0.00 0.00	44.26 0.00 0.00
STATE_ST_34_KV_LOAD 55959	46.79 0.65 0.00	42.47 0.30 0.00	36.48 0.11 0.00	34.54 0.07 0.00	34.49 0.03 0.00	36.61 0.18 0.00	42.52 0.30 0.00	44.28 0.44 0.00	42.31 0.34 0.00	39.90 0.36 0.00	40.06 0.55 0.00	42.44 0.79 0.00	44.98 1.05 0.00	48.66 1.19 0.00	52.13 1.17 0.00	56.20 1.48 0.00	63.72 1.68 0.00	73.00 1.71 0.00	77.38 1.89 0.00	78.39 2.21 0.00	70.05 2.04 0.00	60.47 1.65 0.00	51.85 1.02 0.00	45.05 0.80 0.00
STATION_5_MISC_HYD 23604	47.58 1.43 0.00	42.94 0.76 0.00	36.77 0.40 0.00	34.82 0.34 0.00	34.63 0.17 0.00	36.87 0.44 0.00	42.56 0.34 0.00	44.54 0.70 0.00	42.57 0.59 0.00	40.38 0.83 0.00	40.89 1.38 0.00	43.77 2.12 0.00	46.74 2.81 0.00	50.61 3.13 0.00	54.17 3.21 0.00	58.22 3.51 0.00	65.95 3.91 0.00	74.50 3.21 0.00	78.66 3.17 0.00	79.69 3.51 0.00	71.82 3.81 0.00	62.05 3.23 0.00	53.06 2.23 0.00	46.07 1.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.12 0.97 0.00	42.60 0.42 0.00	36.55 0.18 0.00	34.61 0.14 0.00	34.49 0.03 0.00	36.68 0.25 0.00	42.48 0.25 0.00	44.37 0.53 0.00	42.31 0.34 0.00	40.14 0.59 0.00	40.50 0.99 0.00	43.19 1.54 0.00	45.99 2.06 0.00	49.80 2.33 0.00	53.25 2.29 0.00	57.40 2.68 0.00	65.08 3.04 0.00	73.93 2.64 0.00	78.13 2.64 0.00	79.15 2.97 0.00	71.14 3.13 0.00	61.41 2.59 0.00	52.41 1.58 0.00	45.54 1.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.21 1.06 0.00	42.60 0.42 0.00	36.52 0.15 0.00	34.58 0.10 0.00	34.39 -0.07 0.00	36.61 0.18 0.00	42.31 0.08 0.00	44.24 0.39 0.00	42.23 0.25 0.00	40.18 0.63 0.00	40.61 1.11 0.00	43.40 1.75 0.00	46.34 2.42 0.00	50.23 2.75 0.00	53.66 2.70 0.00	57.84 3.12 0.00	65.46 3.41 0.00	74.00 2.71 0.00	78.13 2.64 0.00	79.15 2.97 0.00	71.28 3.26 0.00	61.58 2.76 0.00	52.46 1.63 0.00	45.58 1.33 0.00
STA_56___34_KV_BUS2 355983	47.21 1.06 0.00	42.60 0.42 0.00	36.52 0.15 0.00	34.58 0.10 0.00	34.39 -0.07 0.00	36.61 0.18 0.00	42.31 0.08 0.00	44.24 0.39 0.00	42.23 0.25 0.00	40.18 0.63 0.00	40.61 1.11 0.00	43.40 1.75 0.00	46.34 2.42 0.00	50.23 2.75 0.00	53.66 2.70 0.00	57.84 3.12 0.00	65.46 3.41 0.00	74.00 2.71 0.00	78.13 2.64 0.00	79.15 2.97 0.00	71.28 3.26 0.00	61.58 2.76 0.00	52.46 1.63 0.00	45.58 1.33 0.00
STA_67___115KV_BK2 355882	47.44 1.29 0.00	42.81 0.63 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.56 0.10 0.00	36.79 0.36 0.00	42.48 0.25 0.00	44.41 0.57 0.00	42.36 0.38 0.00	40.30 0.75 0.00	40.77 1.26 0.00	43.56 1.92 0.00	46.52 2.59 0.00	50.42 2.94 0.00	53.86 2.90 0.00	58.00 3.28 0.00	65.64 3.60 0.00	74.21 2.92 0.00	78.28 2.79 0.00	79.38 3.20 0.00	71.48 3.47 0.00	61.82 3.00 0.00	52.71 1.88 0.00	45.80 1.55 0.00
STA_7___115KV_9TRANS 80674	47.86 1.71 0.00	43.15 0.97 0.00	36.99 0.62 0.00	34.99 0.52 0.00	34.80 0.34 0.00	37.05 0.62 0.00	42.82 0.59 0.00	44.81 0.96 0.00	42.73 0.76 0.00	40.69 1.15 0.00	41.17 1.66 0.00	44.06 2.42 0.00	47.09 3.16 0.00	51.04 3.56 0.00	54.52 3.57 0.00	58.77 4.05 0.00	66.57 4.53 0.00	75.21 3.92 0.00	79.27 3.77 0.00	80.29 4.11 0.00	72.43 4.42 0.00	62.58 3.76 0.00	53.27 2.44 0.00	46.25 1.99 0.00
STA_82___115KV_TB1 80780	47.44 1.29 0.00	42.81 0.63 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.56 0.10 0.00	36.79 0.36 0.00	42.48 0.25 0.00	44.41 0.57 0.00	42.36 0.38 0.00	40.34 0.79 0.00	40.77 1.26 0.00	43.56 1.92 0.00	46.52 2.59 0.00	50.42 2.94 0.00	53.86 2.90 0.00	58.00 3.28 0.00	65.70 3.66 0.00	74.21 2.92 0.00	78.36 2.87 0.00	79.38 3.20 0.00	71.55 3.54 0.00	61.82 3.00 0.00	52.71 1.88 0.00	45.80 1.55 0.00
STEEL___WIND 323596	49.15 3.00 0.00	43.69 1.52 0.00	37.46 1.09 0.00	35.58 1.10 0.00	35.11 0.65 0.00	37.67 1.24 0.00	43.37 1.14 0.00	45.11 1.27 0.00	42.98 1.01 0.00	41.28 1.74 0.00	42.31 2.81 0.00	45.73 4.08 0.00	49.15 5.22 0.00	53.22 5.74 0.00	56.71 5.76 0.00	60.74 6.02 0.00	68.62 6.57 0.00	76.35 5.06 0.00	80.55 5.06 0.00	82.20 6.02 0.00	73.65 5.64 0.00	63.76 4.94 0.00	54.59 3.76 0.00	47.84 3.58 0.00
STEPHTWN_115KV_BK_2 55603	46.47 0.32 0.00	42.60 0.42 0.00	36.81 0.44 0.00	34.96 0.48 0.00	35.01 0.55 0.00	36.86 0.44 0.00	42.69 0.46 0.00	44.28 0.44 0.00	42.40 0.42 0.00	39.78 0.24 0.00	39.55 0.04 0.00	41.61 -0.04 0.00	43.59 -0.22 0.12	47.05 -0.24 0.19	50.81 -0.05 0.09	54.66 -0.05 0.00	61.98 -0.06 0.00	71.65 0.36 0.00	76.02 0.53 0.00	76.48 0.30 0.00	68.28 0.27 0.00	59.00 0.18 0.00	51.14 0.30 0.00	44.48 0.22 0.00
STEUBEN_REC_LFGE 323667	48.46 2.31 0.00	43.32 1.14 0.00	37.10 0.73 0.00	35.20 0.72 0.00	34.97 0.52 0.00	37.52 1.09 0.00	43.49 1.27 0.00	45.07 1.23 0.00	42.73 0.76 0.00	40.77 1.23 0.00	41.40 1.90 0.00	44.36 2.71 0.00	47.57 3.65 0.00	51.61 4.13 0.00	54.98 4.03 0.00	59.75 5.03 0.00	67.69 5.65 0.00	76.35 5.06 0.00	80.93 5.44 0.00	82.81 6.63 0.00	74.06 6.05 0.00	63.76 4.94 0.00	54.24 3.41 0.00	47.44 3.19 0.00
STILLWATER___SOLAR 323814	47.58 1.43 0.00	43.61 1.43 0.00	37.68 1.31 0.00	35.71 1.24 0.00	35.73 1.28 0.00	37.81 1.38 0.00	43.71 1.48 0.00	45.24 1.40 0.00	43.07 1.09 0.00	40.29 0.75 0.00	39.94 0.44 0.00	42.02 0.37 0.00	43.96 0.18 0.14	47.44 0.19 0.23	51.30 0.46 0.11	55.32 0.60 0.00	62.85 0.80 0.00	72.71 1.43 0.00	77.60 2.11 0.00	78.31 2.13 0.00	70.25 2.24 0.00	60.70 1.88 0.00	52.51 1.67 0.00	45.63 1.37 0.00
STONY___BROOK 24151	46.10 -0.05 0.01	43.65 1.48 0.00	38.04 1.67 0.00	35.89 1.41 0.00	35.80 1.34 0.00	37.81 1.38 0.00	43.58 1.35 0.00	45.02 1.18 0.00	44.37 2.39 0.00	42.39 2.85 0.00	41.44 1.94 0.00	42.94 1.29 0.00	44.17 0.13 -0.11	45.80 0.71 2.39	49.29 0.87 2.53	49.26 0.71 6.17	55.27 0.68 7.46	72.14 0.86 0.01	71.12 0.23 4.60	65.04 0.23 11.37	49.50 0.00 18.51	45.65 -0.59 12.58	44.12 -0.20 6.51	43.30 -0.88 0.07
STURGEON_POOL_HYD 23609	46.98 0.83 0.00	43.02 0.84 0.00	37.21 0.84 0.00	35.20 0.72 0.00	35.18 0.72 0.00	37.16 0.73 0.00	43.11 0.89 0.00	44.72 0.88 0.00	43.03 1.05 0.00	40.57 1.03 0.00	40.46 0.95 0.00	42.44 0.79 0.00	44.88 0.88 -0.07	48.55 0.95 -0.12	52.19 1.17 -0.06	55.54 0.82 0.00	62.91 0.87 0.00	72.64 1.35 0.00	76.47 0.98 0.00	76.94 0.76 0.00	68.49 0.48 0.00	58.88 0.06 0.00	51.39 0.56 0.00	44.79 0.53 0.00

ST_LAW_115_BK7_LBMP 345037	46.38 0.23 0.00	42.43 0.25 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.61 0.18 0.00	42.53 0.30 0.00	44.11 0.26 0.00	42.19 0.21 0.00	39.74 0.20 0.00	39.67 0.16 0.00	41.82 0.17 0.00	44.10 0.18 0.00	47.62 0.14 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.15 -0.14 0.00	75.64 0.15 0.00	76.41 0.23 0.00	68.08 0.07 0.00	59.29 0.47 0.00	51.14 0.31 0.00	44.74 0.49 0.00
ST_LAW_115_BK8_LBMP 345038	46.38 0.23 0.00	42.43 0.25 0.00	36.59 0.22 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.61 0.18 0.00	42.53 0.30 0.00	44.11 0.26 0.00	42.19 0.21 0.00	39.74 0.20 0.00	39.67 0.16 0.00	41.82 0.17 0.00	44.10 0.18 0.00	47.62 0.14 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.15 -0.14 0.00	75.64 0.15 0.00	76.41 0.23 0.00	68.08 0.07 0.00	59.29 0.47 0.00	51.14 0.31 0.00	44.74 0.49 0.00
ST_LAW_230_BK5_LBMP 345035	46.33 0.19 0.00	42.39 0.21 0.00	36.55 0.18 0.00	34.65 0.17 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.15 0.17 0.00	39.70 0.16 0.00	39.63 0.12 0.00	41.77 0.13 0.00	44.06 0.13 0.00	47.57 0.10 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.22 -0.07 0.00	75.57 0.08 0.00	76.33 0.15 0.00	68.08 0.07 0.00	59.23 0.41 0.00	51.09 0.26 0.00	44.65 0.40 0.00
ST_LAW_230_BK6_LBMP 345036	46.33 0.19 0.00	42.39 0.21 0.00	36.55 0.18 0.00	34.65 0.17 0.00	34.63 0.17 0.00	36.57 0.15 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.15 0.17 0.00	39.70 0.16 0.00	39.63 0.12 0.00	41.77 0.13 0.00	44.06 0.13 0.00	47.57 0.10 0.00	51.01 0.05 0.00	54.77 0.05 0.00	62.11 0.06 0.00	71.22 -0.07 0.00	75.57 0.08 0.00	76.33 0.15 0.00	68.08 0.07 0.00	59.23 0.41 0.00	51.09 0.26 0.00	44.65 0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.98 0.83 0.00	43.02 0.84 0.00	37.21 0.84 0.00	35.20 0.72 0.00	35.22 0.76 0.00	37.23 0.80 0.00	43.20 0.97 0.00	44.81 0.96 0.00	43.11 1.13 0.00	40.65 1.11 0.00	40.57 1.07 0.00	42.56 0.92 0.00	44.85 0.79 -0.13	48.49 0.81 -0.21	52.08 1.02 -0.10	55.60 0.88 0.00	62.91 0.87 0.00	72.57 1.28 0.00	76.40 0.91 0.00	76.94 0.76 0.00	68.55 0.54 0.00	58.88 0.06 0.00	51.39 0.56 0.00	44.79 0.53 0.00
SWANROAD_115KV_TB1 355699	47.63 1.48 0.00	42.43 0.25 0.00	36.37 0.00 0.00	34.58 0.10 0.00	34.15 -0.31 0.00	36.54 0.11 0.00	41.97 -0.25 0.00	43.67 -0.18 0.00	41.39 -0.59 0.00	39.98 0.43 0.00	40.85 1.34 0.00	43.98 2.33 0.00	47.27 3.34 0.00	51.18 3.70 0.00	54.42 3.47 0.00	58.55 3.83 0.00	66.14 4.09 0.00	73.50 2.21 0.00	77.45 1.96 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.64 2.82 0.00	52.66 1.83 0.00	46.11 1.86 0.00
SYNERGY___BIOGAS 323694	49.56 3.42 0.00	44.33 2.15 0.00	37.90 1.53 0.00	35.89 1.41 0.00	35.59 1.14 0.00	38.07 1.64 0.00	43.87 1.65 0.00	45.90 2.06 0.00	43.57 1.60 0.00	41.72 2.17 0.00	41.64 2.13 0.00	44.77 3.12 0.00	48.10 4.17 0.00	52.18 4.70 0.00	55.64 4.69 0.00	59.97 5.25 0.00	67.75 5.71 0.00	75.85 4.56 0.00	80.25 4.76 0.00	81.82 5.64 0.00	74.00 5.98 0.00	63.99 5.18 0.00	55.30 4.47 0.00	48.02 3.76 0.00
SYRACUSE___ENERGY_ST1 323597	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
SYRACUSE___ENERGY_ST2 323598	46.20 0.05 0.00	41.97 -0.21 0.00	36.12 -0.25 0.00	34.20 -0.28 0.00	34.18 -0.28 0.00	36.21 -0.22 0.00	42.02 -0.21 0.00	43.71 -0.13 0.00	41.81 -0.17 0.00	39.47 -0.08 0.00	39.55 0.04 0.00	41.86 0.21 0.00	44.28 0.35 0.00	47.95 0.47 0.00	51.41 0.46 0.00	55.27 0.55 0.00	62.73 0.68 0.00	71.93 0.64 0.00	76.09 0.60 0.00	76.94 0.76 0.00	68.76 0.75 0.00	59.35 0.53 0.00	51.09 0.25 0.00	44.43 0.18 0.00
SYRACUSE___POWER 24017	46.06 -0.09 0.00	41.84 -0.34 0.00	36.01 -0.36 0.00	34.09 -0.38 0.00	34.08 -0.38 0.00	36.10 -0.33 0.00	41.89 -0.34 0.00	43.58 -0.26 0.00	41.68 -0.29 0.00	39.35 -0.20 0.00	39.43 -0.08 0.00	41.69 0.04 0.00	44.15 0.22 0.00	47.76 0.28 0.00	51.21 0.25 0.00	55.16 0.44 0.00	62.54 0.50 0.00	71.72 0.43 0.00	75.94 0.45 0.00	76.79 0.61 0.00	68.62 0.61 0.00	59.17 0.35 0.00	50.93 0.10 0.00	44.26 0.00 0.00
TALLMAN__138KV_BK151 55660	47.12 0.97 0.00	43.15 0.97 0.00	37.35 0.98 0.00	35.30 0.83 0.00	35.32 0.86 0.00	37.37 0.95 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.28 1.30 0.00	40.89 1.34 0.00	40.81 1.30 0.00	42.81 1.17 0.00	45.03 0.97 -0.14	48.70 1.00 -0.22	52.29 1.22 -0.11	55.76 1.04 0.00	63.10 1.05 0.00	72.79 1.50 0.00	76.47 0.98 0.00	76.94 0.76 0.00	68.55 0.54 0.00	58.82 0.00 0.00	51.39 0.56 0.00	44.79 0.53 0.00
TEALLAVE_115KV_TB7 355573	45.87 -0.28 0.00	41.71 -0.46 0.00	35.86 -0.51 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.72 -0.51 0.00	43.40 -0.44 0.00	41.56 -0.42 0.00	39.19 -0.36 0.00	39.31 -0.20 0.00	41.57 -0.08 0.00	43.97 0.04 0.00	47.62 0.14 0.00	51.06 0.10 0.00	54.94 0.22 0.00	62.29 0.25 0.00	71.43 0.14 0.00	75.57 0.08 0.00	76.41 0.23 0.00	68.28 0.27 0.00	58.88 0.06 0.00	50.73 -0.10 0.00	44.08 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	48.59 2.45 0.00	43.40 1.22 0.00	37.17 0.80 0.00	35.23 0.76 0.00	34.87 0.41 0.00	37.30 0.87 0.00	42.95 0.72 0.00	44.85 1.01 0.00	42.52 0.55 0.00	40.93 1.38 0.00	41.68 2.17 0.00	44.86 3.21 0.00	48.23 4.30 0.00	52.27 4.80 0.00	55.64 4.69 0.00	59.97 5.25 0.00	67.75 5.71 0.00	75.64 4.35 0.00	79.79 4.30 0.00	81.28 5.10 0.00	73.25 5.24 0.00	63.47 4.65 0.00	54.08 3.25 0.00	47.09 2.83 0.00
TEMPLE___115KV_TB 2 55572	45.87 -0.28 0.00	41.71 -0.46 0.00	35.90 -0.47 0.00	33.99 -0.48 0.00	33.94 -0.52 0.00	35.99 -0.44 0.00	41.76 -0.46 0.00	43.45 -0.39 0.00	41.56 -0.42 0.00	39.23 -0.32 0.00	39.35 -0.16 0.00	41.61 -0.04 0.00	44.02 0.09 0.00	47.67 0.19 0.00	51.11 0.15 0.00	54.99 0.27 0.00	62.35 0.31 0.00	71.50 0.21 0.00	75.64 0.15 0.00	76.48 0.30 0.00	68.35 0.34 0.00	58.94 0.12 0.00	50.73 -0.10 0.00	44.12 -0.13 0.00
TIANA____69_KV_BK 1 55817	46.60 0.46 0.01	43.99 1.81 0.00	38.44 2.07 0.00	36.51 2.03 0.00	36.25 1.79 0.00	38.39 1.97 0.00	44.47 2.24 0.00	45.81 1.97 0.00	45.34 3.36 0.00	42.99 3.44 0.00	42.59 3.08 0.00	43.86 2.21 0.00	45.05 1.01 -0.11	46.31 1.23 2.40	49.94 1.53 2.55	49.94 1.42 6.20	55.91 1.36 7.49	73.63 2.35 0.01	72.46 1.59 4.62	66.13 1.37 11.42	50.65 1.22 18.59	46.29 0.12 12.64	44.75 0.46 6.54	44.36 0.18 0.07

TILDEN___115KV_TB1 80814	46.06 -0.09 0.00	41.84 -0.34 0.00	36.01 -0.36 0.00	34.09 -0.38 0.00	34.08 -0.38 0.00	36.10 -0.33 0.00	41.89 -0.34 0.00	43.58 -0.26 0.00	41.68 -0.29 0.00	39.35 -0.20 0.00	39.43 -0.08 0.00	41.69 0.04 0.00	44.15 0.22 0.00	47.76 0.28 0.00	51.21 0.25 0.00	55.16 0.44 0.00	62.54 0.50 0.00	71.72 0.43 0.00	75.94 0.45 0.00	76.79 0.61 0.00	68.62 0.61 0.00	59.17 0.35 0.00	50.93 0.10 0.00	44.26 0.00 0.00
TRIGEN___CC 323695	46.56 0.42 0.01	43.36 1.18 0.00	37.61 1.24 0.00	35.58 1.10 0.00	35.42 0.96 0.00	37.52 1.09 0.00	43.49 1.27 0.00	44.98 1.14 0.00	43.99 2.01 0.00	41.68 2.14 0.00	41.68 2.17 0.00	43.11 1.46 0.00	44.90 0.83 -0.14	47.95 0.85 0.38	51.46 1.02 0.51	54.03 0.77 1.45	61.03 0.74 1.76	72.35 1.07 0.01	74.86 0.45 1.08	73.73 0.23 2.68	63.59 -0.07 4.35	55.34 -0.53 2.95	49.30 0.00 1.53	44.32 0.09 0.02
TRINITY___115KV___4 BK 55933	46.10 -0.05 0.00	42.26 0.08 0.00	36.52 0.15 0.00	34.72 0.24 0.00	34.77 0.31 0.00	36.57 0.15 0.00	42.35 0.13 0.00	43.88 0.04 0.00	42.10 0.13 0.00	39.51 -0.04 0.00	39.23 -0.28 0.00	41.23 -0.42 0.00	43.20 -0.61 0.12	46.62 -0.66 0.19	50.30 -0.56 0.09	54.06 -0.66 0.00	61.30 -0.74 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.57 -0.61 0.00	67.47 -0.54 0.00	58.23 -0.59 0.00	50.58 -0.25 0.00	44.03 -0.22 0.00
UNION___PROCESSING_DRP 323587	47.49 1.34 0.00	42.81 0.63 0.00	36.70 0.33 0.00	34.75 0.28 0.00	34.56 0.10 0.00	36.79 0.36 0.00	42.52 0.30 0.00	44.41 0.57 0.00	42.36 0.38 0.00	40.34 0.79 0.00	40.77 1.26 0.00	43.61 1.96 0.00	46.56 2.64 0.00	50.42 2.94 0.00	53.86 2.90 0.00	58.06 3.34 0.00	65.70 3.66 0.00	74.21 2.92 0.00	78.36 2.87 0.00	79.46 3.28 0.00	71.55 3.54 0.00	61.88 3.06 0.00	52.76 1.93 0.00	45.85 1.59 0.00
UPPER HUDSON___HYD 24058	47.35 1.20 0.00	43.44 1.26 0.00	37.53 1.16 0.00	35.61 1.14 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.54 1.31 0.00	45.07 1.23 0.00	42.90 0.92 0.00	40.22 0.67 0.00	39.59 0.08 0.00	41.69 0.04 0.00	43.49 -0.31 0.13	46.89 -0.38 0.21	50.75 -0.10 0.10	54.83 0.11 0.00	62.29 0.25 0.00	72.07 0.79 0.00	77.60 2.11 0.00	78.31 2.13 0.00	70.46 2.44 0.00	61.00 2.18 0.00	52.61 1.78 0.00	45.63 1.37 0.00
UPPER RAQUET___HYD 24056	47.58 1.43 0.00	43.49 1.31 0.00	37.43 1.06 0.00	35.41 0.93 0.00	35.39 0.93 0.00	37.45 1.02 0.00	43.54 1.31 0.00	45.15 1.31 0.00	43.11 1.13 0.00	40.61 1.07 0.00	40.58 1.07 0.00	42.73 1.08 0.00	45.03 1.10 0.00	48.61 1.14 0.00	52.03 1.07 0.00	55.92 1.20 0.00	63.16 1.12 0.00	71.65 0.36 0.00	76.55 1.06 0.00	77.55 1.37 0.00	69.10 1.08 0.00	60.93 2.11 0.00	52.41 1.58 0.00	45.89 1.64 0.00
VALLEY44_115KV_TB2 355964	47.67 1.52 0.00	42.35 0.17 0.00	36.26 -0.11 0.00	34.44 -0.03 0.00	34.22 -0.24 0.00	36.75 0.33 0.00	42.61 0.38 0.00	43.97 0.13 0.00	41.81 -0.17 0.00	40.10 0.55 0.00	40.85 1.34 0.00	43.81 2.17 0.00	47.13 3.21 0.00	51.18 3.70 0.00	54.62 3.67 0.00	60.41 5.69 0.00	68.37 6.33 0.00	76.21 4.92 0.00	80.25 4.76 0.00	82.05 5.87 0.00	73.32 5.30 0.00	63.35 4.53 0.00	53.93 3.10 0.00	47.44 3.19 0.00
VALLEY___115KV_TB 1-4 80826	45.69 -0.46 0.00	41.80 -0.38 0.00	36.04 -0.33 0.00	34.13 -0.34 0.00	34.11 -0.34 0.00	36.10 -0.33 0.00	41.89 -0.34 0.00	43.53 -0.31 0.00	41.68 -0.29 0.00	39.15 -0.40 0.00	39.15 -0.36 0.00	41.27 -0.37 0.00	43.44 -0.48 0.00	46.96 -0.52 0.00	50.45 -0.51 0.00	54.23 -0.49 0.00	61.48 -0.56 0.00	70.79 -0.50 0.00	74.96 -0.53 0.00	75.57 -0.61 0.00	67.40 -0.61 0.00	58.17 -0.65 0.00	50.27 -0.56 0.00	43.72 -0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.81 1.66 0.00	43.57 1.39 0.00	37.57 1.20 0.00	35.58 1.10 0.00	35.53 1.07 0.00	37.59 1.17 0.00	43.62 1.39 0.00	45.38 1.53 0.00	43.49 1.51 0.00	40.81 1.27 0.00	40.93 1.42 0.00	43.19 1.54 0.00	45.42 1.49 0.00	49.14 1.66 0.00	52.84 1.89 0.00	56.85 2.13 0.00	64.52 2.48 0.00	74.21 2.92 0.00	78.59 3.10 0.00	79.38 3.20 0.00	70.94 2.92 0.00	61.17 2.35 0.00	52.81 1.98 0.00	45.85 1.59 0.00
VISCHER___FERRY HYD 24020	47.02 0.87 0.00	43.19 1.01 0.00	37.31 0.94 0.00	35.41 0.93 0.00	35.42 0.96 0.00	37.41 0.98 0.00	43.28 1.06 0.00	44.85 1.01 0.00	42.86 0.88 0.00	40.14 0.59 0.00	39.86 0.35 0.00	41.90 0.25 0.00	43.80 0.04 0.18	47.24 0.05 0.28	51.02 0.20 0.14	54.94 0.22 0.00	62.35 0.31 0.00	72.21 0.92 0.00	76.62 1.13 0.00	77.17 0.99 0.00	68.96 0.95 0.00	59.58 0.76 0.00	51.69 0.86 0.00	44.96 0.71 0.00
V_A_10_SYNC_DSASP 323832	47.53 1.38 0.00	42.56 0.38 0.00	36.48 0.11 0.00	34.65 0.17 0.00	34.28 -0.17 0.00	36.65 0.22 0.00	42.14 -0.08 0.00	43.88 0.04 0.00	41.64 -0.34 0.00	40.06 0.51 0.00	40.81 1.30 0.00	43.81 2.17 0.00	46.96 3.03 0.00	50.85 3.37 0.00	54.17 3.21 0.00	58.33 3.61 0.00	65.95 3.91 0.00	73.64 2.35 0.00	77.53 2.04 0.00	78.92 2.74 0.00	71.00 2.99 0.00	61.64 2.82 0.00	52.61 1.78 0.00	45.98 1.73 0.00
V_CMM_10_SYNC_DSASP 323787	46.61 0.46 0.00	42.64 0.46 0.00	36.77 0.40 0.00	34.82 0.34 0.00	34.84 0.38 0.00	36.79 0.36 0.00	42.74 0.51 0.00	44.32 0.48 0.00	42.40 0.42 0.00	39.94 0.40 0.00	39.90 0.40 0.00	42.02 0.37 0.00	44.37 0.44 0.00	47.86 0.38 0.00	51.26 0.31 0.00	55.05 0.33 0.00	62.42 0.37 0.00	71.58 0.29 0.00	76.02 0.53 0.00	76.86 0.68 0.00	68.49 0.48 0.00	59.64 0.82 0.00	51.44 0.61 0.00	44.96 0.71 0.00
V_CMP_10_SYNC_DSASP 323788	46.38 0.23 0.00	42.48 0.30 0.00	36.63 0.26 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.30 0.00	39.90 0.36 0.00	39.82 0.31 0.00	41.98 0.33 0.00	44.28 0.35 0.00	47.48 0.00 0.00	50.80 -0.15 0.00	54.56 -0.16 0.00	61.92 -0.12 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.82 1.00 0.00	51.44 0.61 0.00	45.27 1.02 0.00
V_D_10_SYNC_DSASP 323841	47.07 0.92 0.00	43.11 0.93 0.00	37.14 0.76 0.00	35.16 0.69 0.00	35.15 0.69 0.00	37.16 0.73 0.00	43.16 0.93 0.00	44.76 0.92 0.00	42.77 0.80 0.00	40.34 0.79 0.00	40.26 0.75 0.00	42.40 0.75 0.00	44.76 0.83 0.00	48.33 0.86 0.00	51.72 0.77 0.00	55.59 0.87 0.00	62.98 0.93 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.32 1.14 0.00	68.89 0.88 0.00	60.35 1.53 0.00	51.95 1.12 0.00	45.49 1.24 0.00
V_E_10_SYNC_DSASP 323830	49.79 3.64 0.00	45.09 2.91 0.00	38.70 2.33 0.00	36.54 2.07 0.00	36.45 2.00 0.00	38.87 2.44 0.00	45.31 3.08 0.00	47.26 3.42 0.00	44.87 2.89 0.00	41.80 2.25 0.00	42.16 2.65 0.00	44.65 3.00 0.00	47.05 3.12 0.00	50.99 3.51 0.00	54.78 3.82 0.00	59.32 4.60 0.00	67.69 5.65 0.00	77.99 6.70 0.00	83.19 7.70 0.00	84.63 8.46 0.00	75.83 7.82 0.00	65.12 6.30 0.00	55.71 4.88 0.00	48.06 3.81 0.00

V_F_30_NSYNC___DSASP 323816	47.63 1.48 0.00	43.65 1.48 0.00	37.72 1.35 0.00	35.75 1.28 0.00	35.77 1.31 0.00	37.85 1.42 0.00	43.75 1.52 0.00	45.29 1.44 0.00	43.15 1.17 0.00	40.41 0.87 0.00	40.06 0.55 0.00	42.15 0.50 0.00	44.14 0.35 0.14	47.64 0.38 0.22	51.46 0.61 0.11	55.54 0.82 0.00	63.03 0.99 0.00	72.93 1.64 0.00	77.83 2.34 0.00	78.54 2.36 0.00	70.32 2.31 0.00	60.82 2.00 0.00	52.61 1.78 0.00	45.71 1.46 0.00
V_F_30_SYNC_DSASP 323786	46.29 0.14 0.00	42.43 0.25 0.00	36.66 0.29 0.00	34.82 0.34 0.00	34.87 0.41 0.00	36.72 0.29 0.00	42.48 0.25 0.00	44.06 0.22 0.00	42.23 0.25 0.00	39.62 0.08 0.00	39.39 -0.12 0.00	41.44 -0.21 0.00	43.41 -0.40 0.12	46.86 -0.43 0.19	50.56 -0.31 0.09	54.34 -0.38 0.00	61.61 -0.43 0.00	71.22 -0.07 0.00	75.49 0.00 0.00	75.95 -0.23 0.00	67.87 -0.14 0.00	58.58 -0.24 0.00	50.83 0.00 0.00	44.26 0.00 0.00
V_XM_10_SYNC_DSASP 323789	46.38 0.23 0.00	42.48 0.30 0.00	36.63 0.26 0.00	34.68 0.21 0.00	34.67 0.21 0.00	36.65 0.22 0.00	42.61 0.38 0.00	44.19 0.35 0.00	42.27 0.30 0.00	39.90 0.36 0.00	39.82 0.31 0.00	41.98 0.33 0.00	44.28 0.35 0.00	47.48 0.00 0.00	50.80 -0.15 0.00	54.56 -0.16 0.00	61.92 -0.12 0.00	71.86 0.57 0.00	76.47 0.98 0.00	77.25 1.07 0.00	68.76 0.75 0.00	59.82 1.00 0.00	51.44 0.61 0.00	45.27 1.02 0.00
W.BABYLN_69_KV_BK1 56697	46.79 0.65 0.01	43.91 1.73 0.00	38.19 1.82 0.00	36.13 1.65 0.00	35.90 1.45 0.00	38.03 1.60 0.00	44.09 1.86 0.00	45.46 1.62 0.00	44.79 2.81 0.00	42.47 2.93 0.00	42.39 2.88 0.00	43.65 2.00 0.00	45.09 1.05 -0.11	46.38 1.00 2.09	49.89 1.17 2.24	50.23 0.98 5.47	56.54 1.12 6.62	72.78 1.50 0.01	72.24 0.83 4.08	66.70 0.61 10.09	52.00 0.41 16.42	47.42 -0.24 11.16	45.41 0.36 5.77	44.50 0.31 0.07
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.21 1.06 0.00	43.27 1.10 0.00	37.46 1.09 0.00	35.40 0.93 0.00	35.42 0.96 0.00	37.48 1.06 0.00	43.49 1.27 0.00	45.07 1.23 0.00	43.40 1.43 0.00	40.97 1.42 0.00	40.89 1.38 0.00	42.90 1.25 0.00	45.17 1.10 -0.14	48.80 1.09 -0.23	52.39 1.32 -0.11	55.92 1.20 0.00	63.28 1.24 0.00	72.93 1.64 0.00	76.70 1.21 0.00	77.17 0.99 0.00	68.76 0.75 0.00	59.00 0.18 0.00	51.49 0.66 0.00	44.92 0.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.49 1.34 0.00	43.49 1.31 0.00	37.64 1.27 0.00	35.54 1.07 0.00	35.53 1.07 0.00	37.63 1.20 0.00	43.75 1.52 0.00	45.46 1.62 0.00	43.91 1.93 0.00	41.60 2.06 0.00	41.48 1.98 0.00	43.52 1.87 0.00	45.79 1.71 -0.15	49.48 1.76 -0.24	53.01 1.94 -0.12	56.47 1.75 0.00	63.84 1.80 0.00	73.57 2.28 0.00	77.23 1.74 0.00	77.55 1.37 0.00	69.03 1.02 0.00	59.17 0.35 0.00	51.90 1.07 0.00	45.23 0.97 0.00
W50THST__13_KV_LOAD 356117	47.72 1.57 0.00	43.70 1.52 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.81 1.38 0.00	44.00 1.77 0.00	45.73 1.89 0.00	44.20 2.22 0.00	41.92 2.37 0.00	41.80 2.29 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.86 2.14 -0.24	53.42 2.34 -0.12	56.91 2.19 0.00	64.34 2.30 0.00	74.07 2.78 0.00	77.76 2.26 0.00	78.08 1.90 0.00	69.44 1.43 0.00	59.52 0.71 0.00	52.20 1.37 0.00	45.49 1.24 0.00
WADING RIVER_IC_1 23522	45.73 -0.42 0.01	43.49 1.31 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.97 1.51 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.58 2.60 0.00	42.59 3.05 0.00	41.29 1.78 0.00	42.81 1.16 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	49.02 0.61 2.55	49.01 0.49 6.20	54.67 0.12 7.50	72.35 1.07 0.01	71.25 0.38 4.62	64.83 0.08 11.43	49.62 0.20 18.60	45.53 -0.65 12.65	43.98 -0.30 6.54	42.94 -1.24 0.07
WADING RIVER_IC_2 23547	45.73 -0.42 0.01	43.49 1.31 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.97 1.51 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.58 2.60 0.00	42.59 3.05 0.00	41.29 1.78 0.00	42.81 1.16 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	49.02 0.61 2.55	49.01 0.49 6.20	54.67 0.12 7.50	72.35 1.07 0.01	71.25 0.38 4.62	64.83 0.08 11.43	49.62 0.20 18.60	45.53 -0.65 12.65	43.98 -0.30 6.54	42.94 -1.24 0.07
WADING RIVER_IC_3 23601	45.73 -0.42 0.01	43.49 1.31 0.00	38.08 1.71 0.00	36.06 1.59 0.00	35.97 1.51 0.00	37.96 1.53 0.00	43.58 1.35 0.00	45.07 1.23 0.00	44.58 2.60 0.00	42.59 3.05 0.00	41.29 1.78 0.00	42.81 1.16 0.00	43.77 -0.26 -0.11	45.50 0.43 2.40	49.02 0.61 2.55	49.01 0.49 6.20	54.67 0.12 7.50	72.35 1.07 0.01	71.25 0.38 4.62	64.83 0.08 11.43	49.62 0.20 18.60	45.53 -0.65 12.65	43.98 -0.30 6.54	42.94 -1.24 0.07
WALDENNY_12_KV_BK2 80841	49.15 3.00 0.00	43.70 1.52 0.00	37.46 1.09 0.00	35.54 1.07 0.00	35.11 0.65 0.00	37.67 1.24 0.00	43.37 1.14 0.00	45.16 1.32 0.00	42.86 0.88 0.00	41.44 1.90 0.00	42.39 2.88 0.00	45.69 4.04 0.00	49.20 5.27 0.00	53.32 5.84 0.00	56.71 5.76 0.00	60.85 6.13 0.00	68.81 6.76 0.00	76.49 5.20 0.00	80.70 5.21 0.00	82.27 6.09 0.00	73.66 5.64 0.00	63.82 5.00 0.00	54.39 3.56 0.00	47.49 3.23 0.00
WALDEN__HYDRO 24148	47.21 1.06 0.00	43.19 1.01 0.00	37.35 0.98 0.00	35.34 0.86 0.00	35.35 0.90 0.00	37.37 0.95 0.00	43.37 1.14 0.00	44.98 1.14 0.00	43.24 1.26 0.00	40.77 1.23 0.00	40.65 1.15 0.00	42.65 1.00 0.00	44.97 0.92 -0.12	48.62 0.95 -0.19	52.22 1.17 -0.09	55.81 1.09 0.00	63.16 1.12 0.00	72.93 1.64 0.00	76.85 1.36 0.00	77.32 1.14 0.00	68.90 0.88 0.00	59.23 0.41 0.00	51.64 0.81 0.00	44.96 0.71 0.00
WARRENSBURG____ 23737	47.39 1.25 0.00	43.44 1.27 0.00	37.53 1.16 0.00	35.58 1.10 0.00	35.63 1.17 0.00	37.74 1.31 0.00	43.54 1.31 0.00	45.07 1.23 0.00	42.90 0.92 0.00	40.18 0.63 0.00	39.59 0.08 0.00	41.65 0.00 0.00	43.49 -0.31 0.13	46.89 -0.38 0.21	50.75 -0.10 0.10	54.83 0.11 0.00	62.29 0.25 0.00	72.07 0.78 0.00	77.68 2.19 0.00	78.31 2.13 0.00	70.46 2.45 0.00	60.99 2.18 0.00	52.66 1.83 0.00	45.67 1.42 0.00
WATERSIDE____6 8 9 23538	47.72 1.57 0.00	43.70 1.52 0.00	37.83 1.45 0.00	35.72 1.24 0.00	35.70 1.24 0.00	37.77 1.35 0.00	43.75 1.52 0.00	45.29 1.45 0.00	43.74 1.76 0.00	41.68 2.14 0.00	41.64 2.13 0.00	43.65 2.00 0.00	45.97 1.89 -0.15	49.62 1.90 -0.24	52.91 1.83 -0.12	56.20 1.48 0.00	63.16 1.12 0.00	72.79 1.50 0.00	76.47 0.98 0.00	76.87 0.69 0.00	68.42 0.41 0.00	58.64 -0.18 0.00	51.95 1.12 0.00	45.45 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.83 -0.32 0.00	41.88 -0.30 0.00	36.12 -0.25 0.00	34.23 -0.24 0.00	34.22 -0.24 0.00	36.17 -0.25 0.00	41.93 -0.30 0.00	43.58 -0.26 0.00	41.73 -0.25 0.00	39.23 -0.32 0.00	39.23 -0.28 0.00	41.32 -0.33 0.00	43.49 -0.44 0.00	47.05 -0.43 0.00	50.55 -0.41 0.00	54.28 -0.44 0.00	61.61 -0.43 0.00	70.86 -0.43 0.00	75.04 -0.45 0.00	75.72 -0.46 0.00	67.53 -0.48 0.00	58.29 -0.53 0.00	50.37 -0.46 0.00	43.81 -0.44 0.00

WDELAWARE___HYD 323627	47.07 0.92 0.00	43.07 0.89 0.00	37.21 0.84 0.00	35.20 0.73 0.00	35.18 0.72 0.00	37.16 0.73 0.00	43.20 0.97 0.00	44.80 0.96 0.00	43.03 1.05 0.00	40.53 0.99 0.00	40.45 0.95 0.00	42.48 0.83 0.00	44.77 0.75 -0.09	48.49 0.86 -0.15	52.15 1.12 -0.07	55.87 1.15 0.00	63.28 1.24 0.00	73.21 1.93 0.00	77.23 1.74 0.00	77.85 1.67 0.00	69.30 1.29 0.00	59.53 0.71 0.00	51.75 0.92 0.00	44.92 0.66 0.00
WEST BABYLON___IC 23714	46.79 0.65 0.01	43.91 1.73 0.00	38.19 1.82 0.00	36.13 1.65 0.00	35.90 1.45 0.00	38.03 1.60 0.00	44.09 1.86 0.00	45.46 1.62 0.00	44.79 2.81 0.00	42.47 2.93 0.00	42.39 2.88 0.00	43.65 2.00 0.00	45.09 1.05 -0.11	46.38 1.00 2.09	49.89 1.17 2.24	50.23 0.98 5.47	56.54 1.12 6.62	72.78 1.50 0.01	72.24 0.83 4.08	66.70 0.61 10.09	52.00 0.41 16.42	47.42 -0.24 11.16	45.41 0.36 5.77	44.50 0.31 0.07
WEST CANADA___HYD 24049	46.15 0.00 0.00	42.18 0.00 0.00	36.37 0.00 0.00	34.47 0.00 0.00	34.46 0.00 0.00	36.43 0.00 0.00	42.23 0.00 0.00	43.84 0.00 0.00	41.98 0.00 0.00	39.51 -0.04 0.00	39.47 -0.04 0.00	41.61 -0.04 0.00	43.84 -0.09 0.00	47.38 -0.09 0.00	50.85 -0.10 0.00	54.61 -0.11 0.00	61.98 -0.06 0.00	71.29 0.00 0.00	75.49 0.00 0.00	76.10 -0.08 0.00	68.01 0.00 0.00	58.70 -0.12 0.00	50.78 -0.05 0.00	44.12 -0.13 0.00
WESTERN_NY_WIND 24143	49.56 3.42 0.00	44.33 2.15 0.00	37.90 1.53 0.00	35.89 1.41 0.00	35.56 1.10 0.00	38.07 1.64 0.00	43.83 1.60 0.00	45.90 2.06 0.00	43.53 1.55 0.00	41.68 2.14 0.00	41.72 2.21 0.00	44.90 3.25 0.00	48.19 4.26 0.00	52.27 4.80 0.00	55.75 4.79 0.00	60.08 5.36 0.00	67.88 5.83 0.00	75.99 4.71 0.00	80.40 4.91 0.00	81.97 5.79 0.00	74.06 6.05 0.00	64.11 5.29 0.00	55.30 4.47 0.00	48.02 3.76 0.00
WESTOVER___LESR 323668	47.07 0.92 0.00	42.64 0.46 0.00	36.66 0.29 0.00	34.78 0.31 0.00	34.70 0.24 0.00	36.83 0.40 0.00	42.73 0.51 0.00	44.37 0.53 0.00	42.36 0.38 0.00	40.06 0.51 0.00	40.26 0.75 0.00	42.65 1.00 0.00	45.25 1.32 0.00	49.00 1.52 0.00	52.54 1.58 0.00	56.74 2.02 0.00	64.40 2.36 0.00	73.43 2.14 0.00	77.60 2.11 0.00	78.69 2.51 0.00	70.32 2.31 0.00	60.64 1.82 0.00	52.15 1.32 0.00	45.45 1.19 0.00
WETHRSFD_WT_PWR 323626	48.09 1.94 0.00	42.89 0.72 0.00	36.77 0.40 0.00	34.89 0.42 0.00	34.56 0.10 0.00	37.01 0.58 0.00	42.74 0.51 0.00	44.28 0.44 0.00	42.10 0.13 0.00	40.22 0.67 0.00	41.05 1.54 0.00	44.23 2.58 0.00	47.53 3.60 0.00	51.47 3.99 0.00	54.98 4.02 0.00	59.10 4.38 0.00	66.82 4.78 0.00	74.92 3.63 0.00	79.26 3.77 0.00	81.06 4.88 0.00	72.70 4.69 0.00	62.76 3.94 0.00	53.78 2.95 0.00	47.05 2.79 0.00
WHAVSTOR_138KV_BK127 55557	47.03 0.88 0.00	43.11 0.93 0.00	37.32 0.95 0.00	35.30 0.83 0.00	35.28 0.83 0.00	37.34 0.91 0.00	43.33 1.10 0.00	44.89 1.05 0.00	43.20 1.22 0.00	40.81 1.27 0.00	40.73 1.22 0.00	42.73 1.08 0.00	44.90 0.83 -0.14	48.56 0.85 -0.23	52.08 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.50 1.21 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.64 -0.18 0.00	51.24 0.41 0.00	44.70 0.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.03 0.88 0.00	43.11 0.93 0.00	37.32 0.95 0.00	35.30 0.83 0.00	35.28 0.83 0.00	37.34 0.91 0.00	43.33 1.10 0.00	44.89 1.05 0.00	43.20 1.22 0.00	40.81 1.27 0.00	40.73 1.22 0.00	42.73 1.08 0.00	44.90 0.83 -0.14	48.56 0.85 -0.23	52.08 1.02 -0.11	55.60 0.88 0.00	62.91 0.87 0.00	72.50 1.21 0.00	76.25 0.75 0.00	76.71 0.53 0.00	68.28 0.27 0.00	58.64 -0.18 0.00	51.24 0.41 0.00	44.70 0.44 0.00
WHITEHAL_115KV_TB1 80871	48.13 1.98 0.00	44.12 1.94 0.00	38.08 1.71 0.00	36.09 1.62 0.00	36.15 1.69 0.00	38.36 1.93 0.00	44.25 2.03 0.00	45.73 1.89 0.00	43.40 1.43 0.00	40.57 1.03 0.00	40.02 0.51 0.00	42.15 0.50 0.00	44.02 0.22 0.13	47.45 0.19 0.21	51.41 0.56 0.10	55.60 0.88 0.00	63.22 1.18 0.00	73.21 1.92 0.00	79.04 3.55 0.00	79.84 3.66 0.00	71.96 3.94 0.00	62.35 3.53 0.00	53.68 2.85 0.00	46.51 2.26 0.00
WHITEPLN_13_KV_LOAD 356215	47.72 1.57 0.00	43.65 1.48 0.00	37.79 1.42 0.00	35.75 1.28 0.00	35.73 1.27 0.00	37.85 1.42 0.00	43.92 1.69 0.00	45.64 1.80 0.00	43.99 2.01 0.00	41.64 2.10 0.00	41.60 2.09 0.00	43.61 1.93 0.00	46.01 1.96 -0.15	49.76 2.04 -0.24	53.42 2.34 -0.12	56.91 2.19 0.00	64.52 2.48 0.00	74.35 3.07 0.00	78.06 2.57 0.00	78.47 2.29 0.00	69.85 1.84 0.00	59.82 1.00 0.00	52.20 1.37 0.00	45.45 1.19 0.00
WM_FLOYD_69_KV_BK2 356380	46.19 0.05 0.01	43.65 1.48 0.00	38.12 1.75 0.00	36.16 1.69 0.00	35.90 1.45 0.00	38.07 1.64 0.00	44.09 1.86 0.00	45.42 1.58 0.00	44.83 2.85 0.00	42.51 2.97 0.00	42.12 2.61 0.00	43.31 1.67 0.00	44.52 0.48 -0.11	45.70 0.62 2.40	49.18 0.76 2.54	49.13 0.60 6.19	55.00 0.43 7.48	72.49 1.21 0.01	71.41 0.53 4.61	65.16 0.38 11.40	49.80 0.34 18.55	45.67 -0.53 12.62	44.25 -0.05 6.53	44.01 -0.18 0.07
WOODARD__115KV_TB2 355635	45.83 -0.32 0.00	41.67 -0.51 0.00	35.86 -0.51 0.00	33.96 -0.52 0.00	33.94 -0.52 0.00	35.95 -0.47 0.00	41.72 -0.51 0.00	43.36 -0.48 0.00	41.52 -0.46 0.00	39.15 -0.40 0.00	39.27 -0.24 0.00	41.52 -0.12 0.00	43.93 0.00 0.00	47.52 0.05 0.00	50.96 0.00 0.00	54.83 0.11 0.00	62.17 0.12 0.00	71.29 0.00 0.00	75.49 0.00 0.00	76.26 0.08 0.00	68.15 0.14 0.00	58.82 0.00 0.00	50.63 -0.20 0.00	44.03 -0.22 0.00
WOODMERE_69_KV_BK1 55827	47.16 1.02 0.01	43.87 1.69 0.00	38.04 1.67 0.00	35.96 1.48 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.96 1.73 0.00	45.42 1.58 0.00	44.50 2.52 0.00	42.19 2.65 0.00	42.27 2.77 0.00	43.77 2.12 0.00	45.60 1.54 -0.14	49.01 1.57 0.04	52.63 1.83 0.16	55.77 1.70 0.65	63.12 1.86 0.78	73.64 2.35 0.01	76.83 1.81 0.47	76.52 1.52 1.19	67.10 1.02 1.93	57.83 0.29 1.28	50.83 0.66 0.66	44.86 0.62 0.01
YORK___WARBASSE 23770	47.99 1.85 0.00	43.91 1.73 0.00	37.97 1.60 0.00	35.85 1.38 0.00	35.80 1.34 0.00	37.92 1.49 0.00	43.87 1.65 0.00	45.38 1.53 0.00	43.78 1.81 0.00	41.80 2.25 0.00	41.76 2.25 0.00	43.81 2.17 0.00	46.14 2.06 -0.15	49.81 2.09 -0.24	53.11 2.04 -0.12	56.36 1.64 0.00	63.41 1.36 0.00	73.07 1.78 0.00	76.77 1.28 0.00	77.25 1.07 0.00	68.83 0.82 0.00	59.00 0.18 0.00	52.20 1.37 0.00	45.76 1.50 0.00