

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										10/28/2025	
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		48.79	45.46	42.32	42.00	43.23	50.42	74.36	100.71	82.97	51.55	45.28	42.52	40.68	41.18	41.61	45.21	55.04	74.98	92.72	86.30	67.13	56.29	50.12	46.92		
		2.32	2.12	1.98	1.85	1.94	1.99	2.72	5.52	4.03	2.87	3.24	3.08	3.05	3.09	3.08	3.19	3.70	4.38	5.35	4.73	3.80	3.14	2.84	2.70		
		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	0.30	0.00	0.06	0.00	0.00	0.00		
74TH STREET_GT_1	24260	48.79	45.46	42.32	42.00	43.19	50.37	74.36	100.71	82.82	51.45	45.24	42.48	40.64	41.14	41.57	45.17	54.99	74.91	92.72	86.30	67.13	56.29	50.16	46.96		
		2.32	2.12	1.98	1.85	1.90	1.94	2.72	5.52	3.87	2.77	3.20	3.04	3.01	3.05	3.04	3.15	3.65	4.31	5.35	4.73	3.80	3.14	2.88	2.74		
		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	0.30	0.00	0.06	0.00	0.00	0.00		
74TH STREET_GT_2	24261	48.79	45.46	42.32	42.00	43.19	50.37	74.36	100.71	82.82	51.45	45.24	42.48	40.64	41.14	41.57	45.17	54.99	74.91	92.72	86.30	67.13	56.29	50.16	46.96		
		2.32	2.12	1.98	1.85	1.90	1.94	2.72	5.52	3.87	2.77	3.20	3.04	3.01	3.05	3.04	3.15	3.65	4.31	5.35	4.73	3.80	3.14	2.88	2.74		
		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	0.30	0.00	0.06	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	47.82	44.72	41.63	41.48	42.66	50.03	74.15	99.19	81.24	49.41	42.38	39.64	37.82	38.43	38.91	42.52	52.37	72.79	90.83	83.85	65.48	54.80	48.41	45.10		
		1.35	1.39	1.29	1.33	1.36	1.60	2.51	4.00	2.29	0.73	0.34	0.20	0.19	0.34	0.39	0.50	1.03	2.19	3.16	2.28	2.09	1.65	1.13	0.88		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	48.05	44.85	41.76	41.60	42.78	50.51	75.15	100.52	82.02	49.65	42.55	39.72	37.86	38.47	38.99	42.65	52.57	72.93	91.09	84.01	65.54	54.91	48.51	45.19		
		1.58	1.52	1.41	1.44	1.48	2.08	3.51	5.33	3.08	0.97	0.51	0.28	0.23	0.38	0.46	0.63	1.23	2.33	3.42	2.44	2.16	1.75	1.23	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	47.82	44.72	41.63	41.48	42.66	50.03	74.15	99.19	81.24	49.41	42.38	39.64	37.82	38.43	38.91	42.52	52.37	72.79	90.83	83.85	65.48	54.80	48.41	45.10		
		1.35	1.39	1.29	1.33	1.36	1.60	2.51	4.00	2.29	0.73	0.34	0.20	0.19	0.34	0.39	0.50	1.03	2.19	3.16	2.28	2.09	1.65	1.13	0.88		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	47.96	44.42	41.39	41.19	42.37	50.17	73.87	98.71	80.29	49.90	42.42	39.91	38.16	38.70	39.18	42.69	53.04	73.43	91.27	83.68	65.86	55.07	48.32	44.92		
		1.49	1.08	1.05	1.04	1.07	1.74	2.22	3.52	1.34	1.22	0.38	0.47	0.53	0.61	0.65	0.67	1.69	2.83	3.60	2.12	2.47	1.91	1.04	0.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	46.05	42.94	40.02	39.87	40.96	48.09	71.07	95.09	78.16	48.14	41.67	39.16	37.44	37.94	38.41	41.81	51.19	70.53	87.58	80.91	63.39	53.00	46.85	43.73		
		-0.42	-0.39	-0.32	-0.28	-0.33	-0.34	-0.57	-0.10	-0.79	-0.54	-0.38	-0.28	-0.19	-0.15	-0.12	-0.21	-0.15	-0.07	-0.09	-0.65	0.00	-0.16	-0.43	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	47.03	43.94	40.87	40.71	41.87	49.16	72.72	95.19	80.05	49.31	42.38	39.83	37.97	38.36	38.83	42.35	51.60	71.17	88.20	82.22	63.83	53.58	47.89	44.75		
		0.56	0.61	0.52	0.56	0.58	0.73	1.07	0.00	1.11	0.63	0.34	0.39	0.34	0.27	0.31	0.34	0.26	0.56	0.53	0.65	0.44	0.43	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	0.00	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	47.31	44.07	41.07	40.88	42.04	49.30	73.00	97.47	79.82	48.87	42.09	39.44	37.63	38.17	38.68	42.23	51.96	71.87	89.52	82.79	64.65	54.16	47.94	44.75		
		0.84	0.74	0.73	0.72	0.74	0.87	1.36	2.28	0.87	0.20	0.04	0.00	0.00	0.08	0.15	0.21	0.62	1.27	1.84	1.23	1.27	1.01	0.66	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR	323834	47.31	44.07	41.03	40.88	41.99	49.30	72.93	97.38	79.82	48.87	42.09	39.44	37.63	38.17	38.68	42.23	51.96	71.87	89.52	82.79	64.59	54.16	47.94	44.75		
		0.84	0.74	0.69	0.72	0.70	0.87	1.29	2.19	0.87	0.20	0.04	0.00	0.00	0.08	0.15	0.21	0.62	1.27	1.84	1.23	1.20	1.01	0.66	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1	23571	46.05	42.94	40.02	39.87	40.96	48.09	71.07	95.09	78.16	48.14	41.67	39.16	37.44	37.94	38.41	41.81	51.19	70.53	87.58	80.91	63.39	53.00	46.85	43.73		
		-0.42	-0.39	-0.32	-0.28	-0.33	-0.34	-0.57	-0.10	-0.79	-0.54	-0.38	-0.28	-0.19	-0.15	-0.12	-0.21	-0.15	-0.07	-0.09	-0.65	0.00	-0.16	-0.43	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	46.05 -0.42 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.07 -0.57 0.00	95.09 -0.10 0.00	78.16 -0.79 0.00	48.14 -0.54 0.00	41.67 -0.38 0.00	39.16 -0.28 0.00	37.44 -0.19 0.00	37.94 -0.15 0.00	38.41 -0.12 0.00	41.81 -0.21 0.00	51.19 -0.15 0.00	70.53 -0.07 0.00	87.58 -0.09 0.00	80.91 -0.65 0.00	63.39 0.00 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.73 -0.49 0.00
ALBANY___3 23573	46.05 -0.42 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.07 -0.57 0.00	95.09 -0.10 0.00	78.16 -0.79 0.00	48.14 -0.54 0.00	41.67 -0.38 0.00	39.16 -0.28 0.00	37.44 -0.19 0.00	37.94 -0.15 0.00	38.41 -0.12 0.00	41.81 -0.21 0.00	51.19 -0.15 0.00	70.53 -0.07 0.00	87.58 -0.09 0.00	80.91 -0.65 0.00	63.39 0.00 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.73 -0.49 0.00
ALBANY___4 23574	46.05 -0.42 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.07 -0.57 0.00	95.09 -0.10 0.00	78.16 -0.79 0.00	48.14 -0.54 0.00	41.67 -0.38 0.00	39.16 -0.28 0.00	37.44 -0.19 0.00	37.94 -0.15 0.00	38.41 -0.12 0.00	41.81 -0.21 0.00	51.19 -0.15 0.00	70.53 -0.07 0.00	87.58 -0.09 0.00	80.91 -0.65 0.00	63.39 0.00 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.73 -0.49 0.00
ALBANY___LFGE 323615	46.61 0.14 0.00	43.38 0.04 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.38 0.08 0.00	48.62 0.19 0.00	71.93 0.29 0.00	96.24 1.05 0.00	78.95 0.00 0.00	48.68 0.00 0.00	42.00 -0.04 0.00	39.44 0.00 0.00	37.67 0.04 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.71 0.36 0.00	71.16 0.56 0.00	88.55 0.88 0.00	81.65 0.08 0.00	63.89 0.50 0.00	53.53 0.37 0.00	47.28 0.00 0.00	44.09 -0.13 0.00
ALCOA_PA_115KV_PL-6C 55860	47.45 0.98 0.00	44.33 1.00 0.00	41.23 0.89 0.00	41.08 0.92 0.00	42.28 0.99 0.00	49.59 1.16 0.00	73.43 1.79 0.00	95.76 0.57 0.00	80.76 1.82 0.00	49.65 0.97 0.00	42.68 0.63 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.59 0.50 0.00	39.06 0.54 0.00	42.65 0.63 0.00	51.91 0.56 0.00	71.66 1.06 0.00	88.81 1.14 0.00	82.79 1.22 0.00	64.34 0.95 0.00	54.01 0.85 0.00	48.27 0.99 0.00	45.15 0.93 0.00
ALCOA_RYNLDS___DRP 24188	47.45 0.98 0.00	44.33 1.00 0.00	41.23 0.89 0.00	41.08 0.92 0.00	42.28 0.99 0.00	49.59 1.16 0.00	73.43 1.79 0.00	95.76 0.57 0.00	80.76 1.82 0.00	49.65 0.97 0.00	42.68 0.63 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.59 0.50 0.00	39.06 0.54 0.00	42.65 0.63 0.00	51.91 0.56 0.00	71.66 1.06 0.00	88.81 1.14 0.00	82.79 1.22 0.00	64.34 0.95 0.00	54.01 0.85 0.00	48.27 0.99 0.00	45.15 0.93 0.00
ALCOA___DSASP 323711	47.45 0.98 0.00	44.33 1.00 0.00	41.23 0.89 0.00	41.08 0.92 0.00	42.28 0.99 0.00	49.59 1.16 0.00	73.43 1.79 0.00	95.86 0.67 0.00	80.77 1.82 0.00	49.65 0.97 0.00	42.68 0.63 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.59 0.49 0.00	39.14 0.61 0.00	42.65 0.63 0.00	51.91 0.57 0.00	71.66 1.06 0.00	88.81 1.14 0.00	82.95 1.39 0.00	64.34 0.95 0.00	54.00 0.85 0.00	48.27 0.99 0.00	45.15 0.93 0.00
ALLEGHENY___COGEN 23514	47.17 0.70 0.00	43.86 0.52 0.00	40.91 0.56 0.00	40.83 0.68 0.00	40.38 -0.91 0.00	47.12 -1.31 0.00	69.42 -2.22 0.00	92.71 -2.48 0.00	76.50 -2.45 0.00	46.34 -2.34 0.00	41.21 -0.84 0.00	38.45 -0.98 0.00	36.77 -0.86 0.00	37.03 -1.07 0.00	37.02 -1.50 0.00	40.93 -1.09 0.00	49.62 -1.69 0.03	69.22 -1.34 0.03	85.79 -0.26 1.62	83.28 1.72 0.00	62.50 -0.51 0.37	52.54 -0.58 0.03	46.95 -0.33 0.00	44.26 0.04 0.00
ALTAMONT_115KV_TB 2 55880	46.75 0.28 0.00	43.59 0.26 0.00	40.63 0.28 0.00	40.43 0.28 0.00	41.58 0.29 0.00	48.77 0.34 0.00	72.00 0.36 0.00	96.33 1.14 0.00	79.26 0.32 0.00	48.92 0.24 0.00	42.30 0.25 0.00	39.71 0.28 0.00	37.97 0.34 0.00	38.47 0.38 0.00	38.91 0.39 0.00	42.35 0.34 0.00	51.91 0.56 0.00	71.38 0.78 0.00	88.64 0.96 0.00	82.14 0.57 0.00	64.15 0.76 0.00	53.74 0.58 0.00	47.56 0.28 0.00	44.44 0.22 0.00
ALTONA_WT_PWR 323606	47.17 0.70 0.00	44.07 0.74 0.00	40.99 0.64 0.00	40.83 0.68 0.00	42.04 0.74 0.00	49.06 0.63 0.00	72.00 0.36 0.00	94.33 -0.86 0.00	79.27 0.32 0.00	49.17 0.49 0.00	42.26 0.21 0.00	39.64 0.20 0.00	37.78 0.15 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.14 0.13 0.00	51.19 -0.15 0.00	70.39 -0.21 0.00	87.24 -0.44 0.00	81.32 -0.24 0.00	63.01 -0.38 0.00	53.10 -0.05 0.00	47.89 0.61 0.00	44.79 0.57 0.00
AMERICAN_REF_FUEL 24010	44.61 -1.86 0.00	41.51 -1.82 0.00	38.77 -1.57 0.00	38.83 -1.32 0.00	39.52 -1.77 0.00	45.72 -2.71 0.00	64.05 -7.60 0.00	84.91 -10.28 0.00	71.37 -7.58 0.00	44.69 -3.99 0.00	38.89 -3.15 0.00	36.25 -3.19 0.00	35.04 -2.60 0.00	35.16 -2.93 0.00	34.86 -3.66 0.00	38.53 -3.49 0.00	45.47 -5.85 0.02	62.53 -8.05 0.02	75.76 -10.26 1.65	74.47 -7.10 0.00	55.67 -7.35 0.36	46.81 -6.33 0.02	42.69 -4.59 0.00	41.35 -2.87 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.52 -1.95 0.00	41.51 -1.82 0.00	38.81 -1.53 0.00	38.95 -1.20 0.00	39.64 -1.65 0.00	46.11 -2.32 0.00	66.48 -5.16 0.00	88.81 -6.38 0.00	74.05 -4.89 0.00	46.10 -2.58 0.00	40.32 -1.73 0.00	37.47 -1.97 0.00	36.13 -1.51 0.00	36.30 -1.79 0.00	36.06 -2.47 0.00	39.71 -2.31 0.00	47.16 -4.16 0.03	65.07 -5.51 0.03	79.37 -6.67 1.64	77.49 -4.08 0.00	57.38 -5.64 0.36	48.45 -4.68 0.03	43.68 -3.60 0.00	41.79 -2.43 0.00
ARTHUR KILL_GT_1 23520	49.22 2.74 -0.01	45.73 2.38 -0.01	42.65 2.30 -0.01	42.37 2.21 -0.01	43.49 2.19 -0.01	50.47 2.03 -0.01	74.45 2.79 -0.01	100.72 5.52 -0.01	82.74 3.79 0.00	51.26 2.58 0.00	45.24 3.20 0.00	42.48 3.04 0.00	40.72 3.09 0.00	41.22 3.12 0.00	41.68 3.16 0.00	45.21 3.19 0.00	55.09 3.75 0.00	74.99 4.38 -0.01	92.82 5.44 0.29	86.39 4.81 -0.01	67.21 3.87 0.05	56.30 3.14 -0.01	50.50 3.22 -0.01	47.54 3.32 0.00
ARTHUR_KILL_2 23512	48.94 2.46 -0.01	45.59 2.25 -0.01	42.53 2.18 -0.01	42.33 2.17 -0.01	43.37 2.06 -0.01	50.33 1.89 -0.01	74.30 2.65 -0.01	100.33 5.14 -0.01	82.50 3.56 0.01	51.06 2.38 0.00	45.08 3.03 0.00	42.36 2.92 0.00	40.53 2.90 0.00	41.06 2.97 0.00	41.53 3.01 0.00	45.00 2.98 0.00	54.84 3.49 0.00	74.49 3.88 -0.01	92.28 4.91 0.30	85.81 4.24 -0.01	66.63 3.29 0.05	56.03 2.87 -0.01	50.22 2.93 -0.01	47.37 3.14 -0.01
ARTHUR_KILL_3 23513	48.38 1.91 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.86 1.57 0.00	49.98 1.55 0.00	73.87 2.22 0.00	99.85 4.66 0.00	82.11 3.16 0.00	51.06 2.38 0.00	44.86 2.82 0.00	42.12 2.68 0.00	40.27 2.63 0.00	40.84 2.74 0.00	41.26 2.74 0.00	44.79 2.77 0.00	54.53 3.18 0.00	74.13 3.53 0.00	91.84 4.47 0.30	85.32 3.75 0.00	66.25 2.92 0.06	55.81 2.66 0.00	49.64 2.36 0.00	46.52 2.30 0.00

ARTHUR_KILL_COGEN 323718	49.08 2.60 -0.01	45.68 2.34 -0.01	42.65 2.30 -0.01	42.41 2.25 -0.01	43.49 2.19 -0.01	50.42 1.99 -0.01	74.52 2.87 -0.01	100.62 5.42 -0.01	82.73 3.79 0.01	51.21 2.53 0.00	45.16 3.11 0.00	42.43 3.00 0.00	40.60 2.97 0.00	41.14 3.05 0.00	41.64 3.12 0.00	45.13 3.11 0.00	54.99 3.65 0.00	74.70 4.09 -0.01	92.55 5.17 0.30	86.14 4.56 -0.01	66.88 3.55 0.05	56.19 3.03 -0.01	50.36 3.07 -0.01	47.50 3.27 -0.01
ASHOKAN____ 23654	47.73 1.26 0.00	44.42 1.08 0.00	41.35 1.01 0.00	41.08 0.92 0.00	42.37 1.07 0.00	49.54 1.11 0.00	73.79 2.15 0.00	99.00 3.81 0.00	81.08 2.13 0.00	49.27 0.59 0.00	42.51 0.46 0.00	39.72 0.28 0.00	37.82 0.19 0.00	38.32 0.23 0.00	38.87 0.35 0.00	42.40 0.38 0.00	52.42 1.08 0.00	72.72 2.12 0.00	90.73 3.33 0.27	84.34 2.77 0.00	65.23 1.90 0.05	54.70 1.54 0.00	48.41 1.13 0.00	45.24 1.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.18 1.72 0.01	44.84 1.52 0.01	41.83 1.49 0.01	41.55 1.40 0.01	42.65 1.36 0.01	49.39 0.97 0.01	73.57 1.94 0.01	98.99 3.81 0.01	81.54 2.60 0.01	50.52 1.85 0.01	44.60 2.57 0.01	41.99 2.56 0.01	40.18 2.56 0.01	40.64 2.55 0.01	41.10 2.58 0.01	44.49 2.48 0.01	54.21 2.87 0.01	73.63 3.03 0.01	91.21 3.85 0.31	84.90 3.35 0.01	65.98 2.66 0.07	55.17 2.02 0.01	49.59 2.32 0.00	46.88 2.65 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	48.18 1.72 0.01	44.84 1.52 0.01	41.79 1.45 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.34 0.92 0.01	73.49 1.86 0.01	98.99 3.81 0.01	81.47 2.53 0.01	50.47 1.80 0.01	44.60 2.57 0.01	41.96 2.53 0.01	40.15 2.52 0.01	40.64 2.55 0.01	41.10 2.58 0.01	44.49 2.48 0.01	54.16 2.82 0.01	73.56 2.96 0.01	91.13 3.77 0.31	84.82 3.27 0.01	65.92 2.60 0.07	55.12 1.97 0.01	49.59 2.32 0.00	46.88 2.65 -0.01
ASTORIA_GT2_1 24094	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT2_2 24095	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT2_3 24096	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT2_4 24097	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT3_1 24098	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT3_2 24099	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT3_3 24100	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT3_4 24101	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT4_1 24102	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT4_2 24103	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT4_3 24104	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00

ASTORIA_GT4_4 24105	48.32 1.86 0.01	44.93 1.60 0.01	41.83 1.49 0.01	41.51 1.37 0.01	42.65 1.36 0.01	49.40 0.97 0.00	73.50 1.86 0.00	99.00 3.81 0.00	81.55 2.61 0.00	50.58 1.90 0.00	44.70 2.65 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.62 2.61 0.00	54.27 2.93 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.23 2.07 0.00	49.78 2.51 0.00	47.00 2.79 0.00
ASTORIA_GT_1 23523	48.37 1.91 0.01	44.97 1.65 0.01	41.91 1.57 0.01	41.59 1.45 0.01	42.73 1.45 0.01	49.49 1.07 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.78 2.73 0.00	42.12 2.68 0.00	40.34 2.71 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.37 3.03 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.33 2.18 0.00	49.88 2.60 0.00	47.09 2.87 0.00
ASTORIA_GT_10 24110	48.56 2.09 0.00	45.15 1.82 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.90 1.61 0.00	49.78 1.36 0.00	73.50 1.86 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.46 2.82 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.83 2.82 0.00	54.48 3.13 0.00	73.99 3.39 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.60 2.45 0.00	49.88 2.60 0.00	46.92 2.70 0.00
ASTORIA_GT_11 24225	48.56 2.09 0.00	45.15 1.82 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.90 1.61 0.00	49.78 1.36 0.00	73.50 1.86 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.46 2.82 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.83 2.82 0.00	54.48 3.13 0.00	73.99 3.39 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.60 2.45 0.00	49.88 2.60 0.00	46.92 2.70 0.00
ASTORIA_GT_12 24226	48.56 2.09 0.00	45.15 1.82 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.90 1.61 0.00	49.78 1.36 0.00	73.50 1.86 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.46 2.82 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.83 2.82 0.00	54.48 3.13 0.00	73.99 3.39 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.60 2.45 0.00	49.88 2.60 0.00	46.92 2.70 0.00
ASTORIA_GT_13 24227	48.56 2.09 0.00	45.15 1.82 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.90 1.61 0.00	49.78 1.36 0.00	73.50 1.86 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.46 2.82 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.83 2.82 0.00	54.48 3.13 0.00	73.99 3.39 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.60 2.45 0.00	49.88 2.60 0.00	46.92 2.70 0.00
ASTORIA_GT_5 24106	48.37 1.91 0.01	44.97 1.65 0.01	41.91 1.57 0.01	41.59 1.45 0.01	42.73 1.45 0.01	49.49 1.07 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.78 2.73 0.00	42.12 2.68 0.00	40.34 2.71 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.37 3.03 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.33 2.18 0.00	49.88 2.60 0.00	47.09 2.87 0.00
ASTORIA_GT_7 24107	48.37 1.91 0.01	44.97 1.65 0.01	41.91 1.57 0.01	41.59 1.45 0.01	42.73 1.45 0.01	49.49 1.07 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.78 2.73 0.00	42.12 2.68 0.00	40.34 2.71 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.37 3.03 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.33 2.18 0.00	49.88 2.60 0.00	47.09 2.87 0.00
ASTORIA_GT_8 24108	48.37 1.91 0.01	44.97 1.65 0.01	41.91 1.57 0.01	41.59 1.45 0.01	42.73 1.45 0.01	49.49 1.07 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.78 2.73 0.00	42.12 2.68 0.00	40.34 2.71 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.37 3.03 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.33 2.18 0.00	49.88 2.60 0.00	47.09 2.87 0.00
ASTORIA___2 24149	48.18 1.72 0.01	44.84 1.52 0.01	41.83 1.49 0.01	41.55 1.40 0.01	42.65 1.36 0.01	49.39 0.97 0.01	73.57 1.94 0.01	98.99 3.81 0.01	81.54 2.60 0.01	50.52 1.85 0.01	44.60 2.57 0.01	41.99 2.56 0.01	40.18 2.56 0.01	40.64 2.55 0.01	41.10 2.58 0.01	44.49 2.48 0.01	54.21 2.87 0.01	73.63 3.03 0.01	91.21 3.85 0.31	84.90 3.35 0.01	65.98 2.66 0.07	55.17 2.02 0.01	49.59 2.32 0.00	46.88 2.65 -0.01
ASTORIA___3 23516	48.42 1.95 0.00	45.11 1.78 0.00	42.08 1.73 0.00	41.80 1.65 0.00	42.90 1.61 0.00	49.78 1.35 0.00	73.49 1.86 0.01	99.27 4.09 0.01	81.63 2.69 0.01	50.82 2.14 0.00	44.82 2.77 0.00	42.16 2.72 0.00	40.30 2.67 0.00	40.84 2.74 0.00	41.30 2.78 0.00	44.71 2.69 0.00	54.37 3.03 0.00	73.77 3.18 0.01	91.31 3.95 0.31	84.90 3.35 0.01	65.92 2.60 0.07	55.49 2.34 0.01	49.69 2.41 0.00	46.84 2.61 -0.01
ASTORIA___4 23517	48.56 2.09 0.00	45.15 1.82 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.90 1.61 0.00	49.78 1.36 0.00	73.50 1.86 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.46 2.82 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.83 2.82 0.00	54.48 3.13 0.00	73.99 3.39 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.30 2.98 0.06	55.60 2.45 0.00	49.88 2.60 0.00	46.92 2.70 0.00
ASTORIA___5 23518	48.42 1.95 0.00	45.11 1.78 0.00	42.08 1.73 0.00	41.80 1.65 0.00	42.90 1.61 0.00	49.78 1.35 0.00	73.49 1.86 0.01	99.27 4.09 0.01	81.63 2.69 0.01	50.82 2.14 0.00	44.82 2.77 0.00	42.16 2.72 0.00	40.30 2.67 0.00	40.84 2.74 0.00	41.30 2.78 0.00	44.71 2.69 0.00	54.37 3.03 0.00	73.70 3.10 0.01	91.31 3.95 0.31	84.90 3.35 0.01	65.92 2.60 0.07	55.49 2.34 0.01	49.69 2.41 0.00	46.84 2.61 -0.01
AST_ENERGY_2_CC3 323677	36.15 1.26 11.58	35.41 1.08 9.01	35.41 1.09 6.02	35.41 1.00 5.75	35.41 0.95 6.83	39.48 0.48 9.43	57.65 1.22 15.21	83.18 2.95 14.96	61.23 1.82 19.54	37.73 1.36 12.31	36.76 2.14 7.43	36.76 2.17 4.85	36.76 2.18 3.05	36.76 2.17 3.50	36.76 2.23 4.00	36.76 2.10 7.36	36.76 2.36 16.95	48.91 2.33 24.02	66.52 2.98 24.14	60.11 2.53 23.98	42.85 2.03 22.56	40.83 1.49 13.81	49.59 2.32 0.00	46.88 2.65 -0.01
AST_ENERGY_2_CC4 323678	36.15 1.26 11.58	35.41 1.08 9.01	35.41 1.09 6.02	35.41 1.00 5.75	35.41 0.95 6.83	39.48 0.48 9.43	57.65 1.22 15.21	83.18 2.95 14.96	61.23 1.82 19.54	37.73 1.36 12.31	36.76 2.14 7.43	36.76 2.17 4.85	36.76 2.18 3.05	36.76 2.17 3.50	36.76 2.23 4.00	36.76 2.10 7.36	36.76 2.36 16.95	48.91 2.33 24.02	66.52 2.98 24.14	60.11 2.53 23.98	42.85 2.03 22.56	40.83 1.49 13.81	49.59 2.32 0.00	46.88 2.65 -0.01

ATHENS_STG_1 23668	47.35 0.88 0.00	44.11 0.78 0.00	41.11 0.76 0.00	40.88 0.72 0.00	42.04 0.74 0.00	49.20 0.77 0.00	72.72 1.08 0.00	97.57 2.38 0.00	80.21 1.26 0.00	49.60 0.92 0.00	43.05 1.01 0.00	40.43 0.99 0.00	38.57 0.94 0.00	39.08 0.99 0.00	39.57 1.04 0.00	43.07 1.05 0.00	52.68 1.33 0.00	72.15 1.55 0.00	89.41 2.02 0.28	83.04 1.47 0.00	64.72 1.39 0.06	54.38 1.22 0.00	48.27 0.99 0.00	45.10 0.88 0.00
ATHENS_STG_2 23670	47.35 0.88 0.00	44.11 0.78 0.00	41.11 0.76 0.00	40.88 0.72 0.00	42.04 0.74 0.00	49.20 0.77 0.00	72.72 1.08 0.00	97.57 2.38 0.00	80.21 1.26 0.00	49.60 0.92 0.00	43.05 1.01 0.00	40.43 0.99 0.00	38.57 0.94 0.00	39.08 0.99 0.00	39.57 1.04 0.00	43.07 1.05 0.00	52.68 1.33 0.00	72.15 1.55 0.00	89.41 2.02 0.28	83.04 1.47 0.00	64.72 1.39 0.06	54.38 1.22 0.00	48.27 0.99 0.00	45.10 0.88 0.00
ATHENS_STG_3 23677	47.35 0.88 0.00	44.11 0.78 0.00	41.11 0.76 0.00	40.88 0.72 0.00	42.04 0.74 0.00	49.20 0.77 0.00	72.72 1.08 0.00	97.57 2.38 0.00	80.21 1.26 0.00	49.60 0.92 0.00	43.05 1.01 0.00	40.43 0.99 0.00	38.57 0.94 0.00	39.08 0.99 0.00	39.57 1.04 0.00	43.07 1.05 0.00	52.68 1.33 0.00	72.15 1.55 0.00	89.41 2.02 0.28	83.04 1.47 0.00	64.72 1.39 0.06	54.38 1.22 0.00	48.27 0.99 0.00	45.10 0.88 0.00
AUBURN___LFGE 323710	46.33 -0.14 0.00	43.07 -0.26 0.00	40.14 -0.20 0.00	39.95 -0.20 0.00	41.09 -0.21 0.00	48.24 -0.19 0.00	71.57 -0.07 0.00	95.66 0.38 -0.09	78.95 0.00 0.00	48.39 -0.29 0.00	41.71 -0.34 0.00	39.08 -0.35 0.00	37.18 -0.45 0.00	37.67 -0.42 0.00	38.02 -0.50 0.00	41.51 -0.50 0.00	50.78 -0.56 -0.01	69.97 -0.64 -0.01	86.24 -0.35 1.08	81.65 0.08 0.00	62.80 -0.38 0.21	52.84 -0.32 -0.01	46.95 -0.33 0.00	43.91 -0.31 0.00
BABYLON_RES_REC 323704	47.77 1.30 0.00	45.07 1.74 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.78 1.48 0.00	49.10 0.68 0.01	71.27 0.07 0.45	88.36 0.48 8.44	67.25 0.54 12.17	49.20 0.54 0.01	44.40 2.35 0.00	41.45 2.01 0.00	39.66 2.03 0.00	40.57 2.47 0.00	41.11 2.58 0.00	44.89 2.65 -0.22	52.94 1.59 0.00	72.15 1.55 0.00	89.20 1.84 0.31	82.87 1.30 0.00	64.59 1.27 0.06	54.43 1.27 0.00	48.32 1.04 0.00	46.16 1.94 0.00
BALL_HILL_WT_PWR 323825	44.80 -1.67 0.00	41.73 -1.60 0.00	38.97 -1.37 0.00	39.07 -1.08 0.00	39.77 -1.53 0.00	46.11 -2.32 0.00	66.19 -5.45 0.00	88.05 -7.14 0.00	73.66 -5.29 0.00	45.85 -2.82 0.00	39.99 -2.06 0.00	37.19 -2.25 0.00	35.86 -1.77 0.00	36.07 -2.02 0.00	35.83 -2.70 0.00	39.50 -2.52 0.00	46.85 -4.47 0.02	64.57 -6.00 0.02	78.75 -7.28 1.64	77.00 -4.57 0.00	57.45 -5.58 0.36	48.51 -4.62 0.02	43.78 -3.50 0.00	41.92 -2.30 0.00
BARON_WINDS___WT_PWR 323822	45.03 -1.44 0.00	41.99 -1.34 0.00	39.26 -1.09 0.00	39.23 -0.92 0.00	39.97 -1.32 0.00	46.44 -1.99 0.00	67.56 -4.08 0.00	89.86 -5.33 0.00	74.68 -4.26 0.00	45.91 -2.77 0.00	39.99 -2.06 0.00	37.23 -2.21 0.00	35.79 -1.84 0.00	36.03 -2.06 0.00	35.94 -2.58 0.00	39.58 -2.44 0.00	47.40 -3.90 0.04	65.55 -5.01 0.04	80.30 -5.79 1.58	77.98 -3.59 0.00	58.56 -4.44 0.38	49.50 -3.62 0.04	44.49 -2.79 0.00	42.23 -1.99 0.00
BARRETT_IC_1 23704	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_10 23701	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_11 23702	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_12 23703	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_2 23705	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_3 23706	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_4 23707	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_5 23708	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08

BARRETT_IC_6 23709	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_7 23710	48.19 1.72 0.00	45.33 1.99 0.00	41.92 1.57 0.00	41.56 1.41 0.00	42.82 1.53 0.00	49.20 0.77 0.00	72.18 0.57 0.04	95.31 2.19 2.07	79.42 1.26 0.79	50.08 1.41 0.01	44.95 2.82 -0.08	41.92 2.48 0.00	40.23 2.60 0.00	40.99 2.82 -0.08	41.42 2.81 -0.08	47.19 3.03 -2.14	53.65 2.31 0.00	73.07 2.47 0.00	90.25 2.89 0.31	84.42 2.85 0.00	65.55 2.22 0.06	54.97 1.75 -0.06	48.90 1.56 -0.06	46.16 1.86 -0.08
BARRETT_IC_8 23711	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT_IC_9 23700	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT___1 23545	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BARRETT___2 23546	47.77 1.30 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	49.20 0.77 0.00	72.25 0.64 0.04	95.31 2.19 2.07	79.35 1.19 0.79	49.84 1.17 0.01	44.82 2.69 -0.08	41.77 2.33 0.00	39.97 2.33 0.00	40.84 2.67 -0.08	41.39 2.78 -0.08	47.10 2.94 -2.14	53.40 2.06 0.00	72.72 2.12 0.00	89.90 2.54 0.31	83.68 2.12 0.00	65.10 1.77 0.06	54.91 1.70 -0.06	48.85 1.51 -0.06	46.12 1.81 -0.08
BATAVIA__115KV_TB1 55881	46.15 -0.33 0.00	42.55 -0.78 0.00	39.82 -0.52 0.00	39.87 -0.28 0.00	40.59 -0.70 0.00	47.03 -1.40 0.00	67.99 -3.65 0.00	90.62 -4.57 0.00	75.16 -3.79 0.00	46.49 -2.19 0.00	40.15 -1.89 0.00	37.47 -1.97 0.00	35.64 -1.99 0.00	36.07 -2.02 0.00	36.21 -2.31 0.00	39.71 -2.31 0.00	47.52 -3.80 0.02	65.36 -5.22 0.02	80.14 -5.87 1.66	78.06 -3.51 0.00	57.77 -5.26 0.35	49.36 -3.77 0.02	44.63 -2.65 0.00	42.67 -1.55 0.00
BAYONEEC___CTG1 323682	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG10 323750	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG2 323683	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG3 323684	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG4 323685	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG5 323686	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG6 323687	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG7 323688	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00

BAYONEEC___CTG8 323689	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BAYONEEC___CTG9 323749	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.99 1.69 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.34 2.71 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.97 2.82 0.00	49.79 2.50 0.00	46.65 2.43 0.00
BEACON___LESR 323632	46.80 0.33 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.43 0.28 0.00	41.58 0.29 0.00	48.86 0.43 0.00	72.36 0.72 0.00	96.81 1.62 0.00	79.34 0.40 0.00	48.83 0.15 0.00	42.17 0.13 0.00	39.56 0.12 0.00	37.78 0.15 0.00	38.32 0.23 0.00	38.80 0.27 0.00	42.27 0.25 0.00	51.86 0.51 0.00	71.52 0.92 0.00	88.99 1.32 0.00	82.14 0.57 0.00	64.21 0.82 0.00	53.80 0.64 0.00	47.52 0.24 0.00	44.31 0.09 0.00
BEAVER RIVER___HYD 24048	47.58 1.11 0.00	44.81 1.47 0.00	41.63 1.29 0.00	41.40 1.25 0.00	42.65 1.36 0.00	50.27 1.84 0.00	75.01 3.37 0.00	99.63 4.38 -0.06	81.95 3.00 0.00	49.60 0.92 0.00	42.59 0.55 0.00	39.91 0.47 0.00	38.01 0.38 0.00	38.47 0.38 0.00	38.80 0.27 0.00	42.61 0.59 0.00	51.65 0.31 0.00	71.45 0.85 0.00	89.16 1.49 0.00	83.77 2.20 0.00	64.97 1.59 0.00	55.17 2.02 0.00	48.84 1.56 0.00	45.63 1.41 0.00
BEEBEE_GT_13 23619	45.87 -0.60 0.00	42.47 -0.87 0.00	39.66 -0.69 0.00	39.55 -0.60 0.00	40.51 -0.78 0.00	47.17 -1.26 0.00	69.42 -2.22 0.00	92.52 -2.67 0.00	76.74 -2.21 0.00	47.36 -1.31 0.00	40.83 -1.22 0.00	38.26 -1.18 0.00	36.39 -1.24 0.00	36.83 -1.26 0.00	37.10 -1.43 0.00	40.59 -1.43 0.00	48.97 -2.36 0.01	67.13 -3.46 0.01	82.23 -3.77 1.67	79.53 -2.04 0.00	59.48 -3.55 0.35	50.59 -2.55 0.01	45.63 -1.65 0.00	42.98 -1.24 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.04 2.56 -0.01	45.60 2.25 -0.01	42.49 2.14 -0.01	42.17 2.01 -0.01	43.33 2.02 -0.01	50.28 1.84 -0.01	74.16 2.51 -0.01	100.34 5.14 -0.01	82.58 3.63 0.00	51.21 2.53 0.00	45.20 3.15 0.00	42.48 3.04 0.00	40.72 3.09 0.00	41.22 3.12 0.00	41.65 3.12 0.00	45.17 3.15 0.00	54.99 3.65 0.00	74.78 4.17 -0.01	92.46 5.08 0.29	86.15 4.57 -0.01	67.02 3.68 0.05	56.14 2.98 -0.01	50.36 3.07 -0.01	47.40 3.18 0.00
BETHLEHEM___GRP 23843	46.05 -0.42 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.07 -0.57 0.00	95.09 -0.10 0.00	78.16 -0.79 0.00	48.14 -0.54 0.00	41.67 -0.38 0.00	39.16 -0.28 0.00	37.44 -0.19 0.00	37.94 -0.15 0.00	38.41 -0.12 0.00	41.81 -0.21 0.00	51.19 -0.15 0.00	70.53 -0.07 0.00	87.58 -0.09 0.00	80.91 -0.65 0.00	63.39 0.00 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.73 -0.49 0.00
BETHLEHEM___GS1 323560	46.15 -0.32 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.14 -0.50 0.00	95.09 -0.10 0.00	78.00 -0.94 0.00	48.14 -0.53 0.00	41.67 -0.38 0.00	39.12 -0.32 0.00	37.37 -0.26 0.00	37.90 -0.19 0.00	38.37 -0.15 0.00	41.77 -0.25 0.00	51.19 -0.15 0.00	70.46 -0.14 0.00	87.58 -0.09 0.00	80.83 -0.74 0.00	63.26 -0.13 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.69 -0.53 0.00
BETHLEHEM___GS2 323561	46.15 -0.32 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.14 -0.50 0.00	95.09 -0.10 0.00	78.00 -0.94 0.00	48.14 -0.53 0.00	41.67 -0.38 0.00	39.12 -0.32 0.00	37.37 -0.26 0.00	37.90 -0.19 0.00	38.37 -0.15 0.00	41.77 -0.25 0.00	51.19 -0.15 0.00	70.46 -0.14 0.00	87.58 -0.09 0.00	80.83 -0.74 0.00	63.26 -0.13 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.69 -0.53 0.00
BETHLEHEM___GS3 323562	46.15 -0.32 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.87 -0.28 0.00	40.96 -0.33 0.00	48.09 -0.34 0.00	71.14 -0.50 0.00	95.09 -0.10 0.00	78.00 -0.94 0.00	48.14 -0.53 0.00	41.67 -0.38 0.00	39.12 -0.32 0.00	37.37 -0.26 0.00	37.90 -0.19 0.00	38.37 -0.15 0.00	41.77 -0.25 0.00	51.19 -0.15 0.00	70.46 -0.14 0.00	87.58 -0.09 0.00	80.83 -0.74 0.00	63.26 -0.13 0.00	53.00 -0.16 0.00	46.85 -0.43 0.00	43.69 -0.53 0.00
BETHLEHEM___STEEL 23779	45.03 -1.44 0.00	41.51 -1.82 0.00	38.93 -1.41 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.91 -2.52 0.00	66.13 -5.52 0.00	87.96 -7.23 0.00	73.11 -5.84 0.00	45.56 -3.12 0.00	39.65 -2.40 0.00	36.84 -2.60 0.00	35.15 -2.48 0.00	35.62 -2.48 0.00	35.71 -2.81 0.00	39.16 -2.86 0.00	46.80 -4.52 0.02	64.65 -5.93 0.02	78.75 -7.28 1.64	75.86 -5.71 0.00	57.13 -5.90 0.36	48.67 -4.47 0.02	43.55 -3.74 0.00	41.65 -2.56 0.00
BETHLHEM_115KV_TB1 79974	46.24 -0.23 0.00	43.12 -0.22 0.00	40.14 -0.20 0.00	39.99 -0.16 0.00	41.13 -0.17 0.00	48.28 -0.15 0.00	71.28 -0.36 0.00	95.48 0.29 0.00	78.40 -0.55 0.00	48.34 -0.34 0.00	41.84 -0.21 0.00	39.28 -0.16 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.53 0.00 0.00	41.93 -0.08 0.00	51.39 0.05 0.00	70.74 0.14 0.00	87.85 0.18 0.00	81.24 -0.33 0.00	63.58 0.19 0.00	53.21 0.05 0.00	47.04 -0.24 0.00	43.91 -0.31 0.00
BETHPAGE_CC_5 323564	47.68 1.21 0.00	44.94 1.60 0.00	41.72 1.37 0.00	41.40 1.25 0.00	42.65 1.36 0.00	49.05 0.63 0.01	71.88 0.64 0.41	89.92 2.47 7.74	69.09 1.26 11.12	49.74 1.07 0.01	44.70 2.65 0.00	41.73 2.29 0.00	39.97 2.33 0.00	40.80 2.70 0.00	41.34 2.81 0.00	45.28 2.94 -0.32	53.34 2.00 0.00	72.72 2.12 0.00	90.08 2.72 0.31	83.68 2.12 0.00	65.04 1.71 0.06	54.81 1.65 0.00	48.70 1.42 0.00	46.08 1.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.03 -1.44 0.00	41.51 -1.82 0.00	38.93 -1.41 0.00	39.07 -1.08 0.00	39.64 -1.65 0.00	45.91 -2.52 0.00	66.20 -5.44 0.00	88.05 -7.14 0.00	73.26 -5.68 0.00	45.61 -3.07 0.00	39.69 -2.35 0.00	36.88 -2.56 0.00	35.15 -2.48 0.00	35.62 -2.48 0.00	35.75 -2.77 0.00	39.20 -2.82 0.00	46.95 -4.36 0.02	65.00 -5.58 0.02	79.19 -6.84 1.64	75.94 -5.63 0.00	57.64 -5.39 0.36	48.93 -4.20 0.02	43.59 -3.69 0.00	41.65 -2.56 0.00
BINGHAMTON___COGEN 23790	46.66 0.19 0.00	43.38 0.04 0.00	40.46 0.12 0.00	40.31 0.16 0.00	41.38 0.08 0.00	48.38 -0.05 0.00	71.50 -0.14 0.00	95.57 0.38 0.00	78.95 0.00 0.00	48.58 -0.10 0.00	42.05 0.00 0.00	39.32 -0.12 0.00	37.48 -0.15 0.00	37.98 -0.11 0.00	38.29 -0.23 0.00	41.85 -0.17 0.00	51.03 -0.31 0.01	70.31 -0.28 0.01	86.09 -0.18 1.40	81.65 0.08 0.00	63.04 -0.06 0.29	53.04 -0.11 0.01	47.04 -0.24 0.00	44.17 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	44.75 -1.72 0.00	41.34 -1.99 0.00	38.81 -1.53 0.00	39.03 -1.12 0.00	39.60 -1.69 0.00	45.96 -2.47 0.00	66.70 -4.94 0.00	89.00 -6.19 0.00	73.74 -5.21 0.00	45.81 -2.87 0.00	39.90 -2.14 0.00	36.88 -2.56 0.00	35.07 -2.56 0.00	35.54 -2.55 0.00	35.64 -2.89 0.00	39.03 -2.98 0.00	47.11 -4.21 0.03	65.63 -4.94 0.03	79.90 -6.14 1.63	75.94 -5.63 0.00	58.59 -4.44 0.36	49.51 -3.61 0.03	43.55 -3.74 0.00	41.65 -2.56 0.00
BLACK RIVER___HYD 24047	47.91 1.44 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.56 1.40 0.00	42.82 1.53 0.00	50.56 2.13 0.00	75.65 4.01 0.00	101.00 5.71 -0.10	82.66 3.71 0.00	49.80 1.12 0.00	42.72 0.67 0.00	39.91 0.47 0.00	37.97 0.34 0.00	38.39 0.30 0.00	38.68 0.15 0.00	42.61 0.59 0.00	51.96 0.62 0.00	72.09 1.48 0.00	90.39 2.72 0.00	85.07 3.50 0.00	65.80 2.41 0.00	55.60 2.45 0.00	49.08 1.80 0.00	45.86 1.64 0.00
BLACKRVR_115KV_TB2 79977	47.91 1.44 0.00	44.98 1.65 0.00	41.84 1.49 0.00	41.56 1.41 0.00	42.82 1.53 0.00	50.56 2.13 0.00	75.65 4.01 0.00	101.00 5.71 -0.10	82.66 3.71 0.00	49.80 1.12 0.00	42.68 0.63 0.00	39.91 0.47 0.00	37.93 0.30 0.00	38.40 0.30 0.00	38.68 0.15 0.00	42.56 0.55 0.00	51.96 0.62 0.00	72.08 1.48 0.00	90.39 2.72 0.00	84.99 3.43 0.00	65.73 2.35 0.00	55.60 2.45 0.00	49.08 1.80 0.00	45.86 1.64 0.00
BLDWN_LI_69_KV_BK4 356085	48.38 1.91 0.00	45.46 2.12 0.00	42.04 1.69 0.00	41.68 1.53 0.00	42.95 1.65 0.00	49.40 0.97 0.00	72.54 1.15 0.25	93.27 3.14 5.07	74.04 1.89 6.80	50.23 1.56 0.01	45.10 3.03 -0.03	42.08 2.64 0.00	40.38 2.75 0.00	41.13 3.01 -0.03	41.59 3.04 -0.03	46.09 3.24 -0.83	54.01 2.67 0.00	73.71 3.11 0.00	91.13 3.77 0.31	85.15 3.59 0.00	66.12 2.79 0.06	55.35 2.18 -0.02	49.14 1.84 -0.02	46.37 2.12 -0.02
BLISS_WT_PWR 323608	44.47 -2.00 0.00	41.47 -1.86 0.00	38.77 -1.57 0.00	38.95 -1.20 0.00	39.60 -1.69 0.00	46.06 -2.37 0.00	66.56 -5.08 0.00	88.71 -6.48 0.00	73.98 -4.97 0.00	45.95 -2.73 0.00	40.07 -1.98 0.00	37.07 -2.37 0.00	35.56 -2.07 0.00	35.77 -2.32 0.00	35.56 -2.97 0.00	39.12 -2.90 0.00	46.59 -4.72 0.03	64.22 -6.35 0.03	78.59 -7.45 1.63	76.51 -5.06 0.00	57.26 -5.77 0.36	48.72 -4.41 0.03	43.68 -3.60 0.00	41.83 -2.39 0.00
BLUESTONE___WT_PWR 323821	48.24 1.77 0.00	45.11 1.78 0.00	41.96 1.62 0.00	41.72 1.56 0.00	42.95 1.65 0.00	50.51 2.08 0.00	75.15 3.51 0.00	101.00 5.81 0.00	82.82 3.87 0.00	50.24 1.56 0.00	43.43 1.39 0.00	40.50 1.07 0.00	38.46 0.83 0.00	38.93 0.84 0.00	39.14 0.61 0.00	43.11 1.09 0.00	52.89 1.54 -0.01	73.29 2.68 -0.01	90.36 3.85 1.16	86.05 4.48 0.00	66.03 2.86 0.21	55.30 2.13 -0.01	48.89 1.61 0.00	45.86 1.64 0.00
BLUE_CIRC_CHEM_DRP 24182	46.98 0.51 0.00	43.85 0.52 0.00	40.83 0.48 0.00	40.63 0.48 0.00	41.79 0.50 0.00	49.06 0.63 0.00	72.50 0.86 0.00	96.90 1.71 0.00	79.58 0.63 0.00	48.87 0.19 0.00	42.17 0.13 0.00	39.56 0.12 0.00	37.78 0.15 0.00	38.28 0.19 0.00	38.76 0.23 0.00	42.27 0.25 0.00	51.91 0.56 0.00	71.59 0.99 0.00	89.07 1.40 0.00	82.38 0.82 0.00	64.40 1.01 0.00	53.95 0.80 0.00	47.75 0.47 0.00	44.57 0.35 0.00
BOC_GAS_DRP 24189	46.70 0.23 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.39 0.24 0.00	41.54 0.25 0.00	48.72 0.29 0.00	71.93 0.29 0.00	96.24 1.05 0.00	79.18 0.24 0.00	48.87 0.19 0.00	42.30 0.25 0.00	39.71 0.28 0.00	37.97 0.34 0.00	38.43 0.34 0.00	38.87 0.35 0.00	42.35 0.34 0.00	51.91 0.56 0.00	71.31 0.71 0.00	88.55 0.88 0.00	81.97 0.41 0.00	64.15 0.76 0.00	53.69 0.53 0.00	47.56 0.28 0.00	44.44 0.22 0.00
BOONVILLE_115KV_TB1 79983	47.49 1.02 0.00	44.55 1.21 0.00	41.43 1.09 0.00	41.20 1.04 0.00	42.41 1.11 0.00	49.93 1.50 0.00	74.36 2.72 0.00	99.19 4.00 0.00	81.55 2.61 0.00	49.65 0.97 0.00	42.76 0.71 0.00	40.03 0.59 0.00	38.12 0.49 0.00	38.59 0.50 0.00	38.91 0.39 0.00	42.69 0.67 0.00	52.11 0.77 0.00	71.87 1.27 0.00	89.34 2.02 0.35	83.85 2.28 0.00	64.97 1.65 0.07	54.86 1.70 0.00	48.56 1.28 0.00	45.37 1.15 0.00
BORALEX_4TH_BRANCH 23824	47.68 1.21 0.00	44.46 1.13 0.00	41.39 1.05 0.00	41.20 1.04 0.00	42.37 1.07 0.00	50.17 1.74 0.00	73.79 2.15 0.00	98.71 3.52 0.00	80.45 1.50 0.00	49.90 1.22 0.00	42.42 0.38 0.00	39.91 0.47 0.00	38.20 0.56 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.73 0.71 0.00	53.09 1.75 0.00	73.50 2.89 0.00	91.35 3.68 0.00	83.77 2.20 0.00	65.99 2.60 0.00	55.12 1.97 0.00	48.27 0.99 0.00	44.93 0.71 0.00
BOWLINE___1 23526	48.10 1.63 0.00	44.89 1.56 0.00	41.76 1.41 0.00	41.52 1.37 0.00	42.70 1.40 0.00	49.78 1.35 0.00	73.58 1.94 0.00	99.28 4.09 0.00	81.55 2.60 0.00	50.53 1.85 0.00	44.32 2.27 0.00	41.57 2.13 0.00	39.70 2.07 0.00	40.22 2.13 0.00	40.68 2.16 0.00	44.20 2.18 0.00	53.86 2.52 0.00	73.57 2.96 0.00	91.13 3.77 0.31	84.74 3.18 0.00	65.79 2.47 0.06	55.34 2.18 0.00	49.27 1.99 0.00	46.12 1.90 0.00
BOWLINE___2 23595	48.10 1.63 0.00	44.85 1.52 0.00	41.76 1.41 0.00	41.52 1.37 0.00	42.70 1.40 0.00	49.74 1.31 0.00	73.58 1.94 0.00	99.19 4.00 0.00	81.55 2.60 0.00	50.53 1.85 0.00	44.27 2.23 0.00	41.57 2.13 0.00	39.70 2.07 0.00	40.22 2.13 0.00	40.68 2.16 0.00	44.20 2.18 0.00	53.86 2.52 0.00	73.50 2.90 0.00	91.04 3.68 0.31	84.74 3.18 0.00	65.79 2.47 0.06	55.34 2.18 0.00	49.27 1.99 0.00	46.12 1.90 0.00
BRADY___115KV_TB2 356060	48.00 1.53 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.32 1.89 0.00	74.72 3.08 0.00	97.28 2.09 0.00	81.79 2.84 0.00	49.99 1.31 0.00	42.85 0.80 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.74 0.65 0.00	39.22 0.69 0.00	42.86 0.84 0.00	52.16 0.82 0.00	72.15 1.55 0.00	89.60 1.93 0.00	83.77 2.20 0.00	65.04 1.65 0.00	54.75 1.59 0.00	48.89 1.61 0.00	45.72 1.50 0.00
BRANSCOMB___SOLAR 323811	47.82 1.35 0.00	44.54 1.21 0.00	41.47 1.13 0.00	41.32 1.17 0.00	42.49 1.20 0.00	49.93 1.50 0.00	73.93 2.29 0.00	98.81 3.62 0.00	80.84 1.89 0.00	49.46 0.78 0.00	42.34 0.30 0.00	39.64 0.20 0.00	37.86 0.23 0.00	38.43 0.34 0.00	38.95 0.42 0.00	42.48 0.46 0.00	52.37 1.03 0.00	72.65 2.05 0.00	90.56 2.89 0.00	83.61 2.04 0.00	65.35 1.97 0.00	54.75 1.59 0.00	48.37 1.09 0.00	45.06 0.84 0.00
BRDGHMPT_69_KV_BK1 55812	48.10 1.63 0.00	45.37 2.04 0.00	41.80 1.45 0.00	41.40 1.24 0.00	42.61 1.32 0.00	48.57 0.15 0.00	70.83 -0.29 0.52	86.52 1.14 9.81	65.12 0.39 14.22	49.30 0.63 0.02	44.52 2.48 0.00	41.65 2.21 0.00	40.12 2.48 0.00	40.91 2.82 0.00	41.33 2.81 0.00	45.09 2.98 -0.09	53.55 2.21 0.00	72.72 2.12 0.00	89.03 1.67 0.31	83.69 2.12 0.00	65.23 1.90 0.06	54.53 1.38 0.00	48.32 1.04 0.00	46.12 1.90 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	48.42 1.95 0.00	45.72 2.38 0.00	42.20 1.86 0.00	41.80 1.65 0.00	43.07 1.78 0.00	49.30 0.87 0.00	71.28 0.14 0.51	87.73 2.00 9.46	66.02 0.79 13.72	49.93 1.27 0.01	45.15 3.11 0.00	42.12 2.68 0.00	40.49 2.86 0.00	41.29 3.20 0.00	41.76 3.24 0.00	45.13 2.98 -0.13	53.96 2.62 0.00	73.57 2.97 0.00	90.87 3.51 0.31	84.99 3.43 0.00	66.12 2.79 0.06	55.23 2.07 0.00	49.03 1.75 0.00	46.43 2.21 0.00
BRISTLHL_115KV_TB1 79998	45.54 -0.93 0.00	42.42 -0.91 0.00	39.54 -0.81 0.00	39.35 -0.80 0.00	40.47 -0.83 0.00	47.46 -0.97 0.00	70.35 -1.29 0.00	94.01 -1.43 -0.25	77.53 -1.42 0.00	47.71 -0.97 0.00	41.16 -0.88 0.00	38.57 -0.87 0.00	36.77 -0.87 0.00	37.22 -0.88 0.00	37.60 -0.92 0.00	41.05 -0.97 0.00	50.16 -1.18 0.00	68.98 -1.62 0.00	86.54 -1.75 -0.62	80.18 -1.39 0.00	62.18 -1.33 -0.12	52.04 -1.12 0.00	46.29 -0.99 0.00	43.29 -0.93 0.00
BROOKHAVEN___DRP 24191	47.91 1.44 0.00	45.20 1.86 0.00	41.68 1.33 0.00	41.32 1.16 0.00	42.57 1.28 0.00	48.53 0.10 0.00	70.97 -0.14 0.52	86.70 1.33 9.82	65.35 0.63 14.23	49.39 0.73 0.02	44.52 2.48 0.00	41.69 2.25 0.00	40.12 2.48 0.00	40.91 2.82 0.00	41.33 2.81 0.00	45.05 2.94 -0.09	53.45 2.11 0.00	72.72 2.12 0.00	89.20 1.84 0.31	83.77 2.20 0.00	65.29 1.97 0.06	54.59 1.44 0.00	48.46 1.18 0.00	46.07 1.86 0.00
BROOKLYN_NAVY_YARD 23515	48.47 2.00 0.00	45.15 1.82 0.00	42.04 1.69 0.00	41.80 1.65 0.00	42.95 1.65 0.00	50.12 1.69 0.00	73.93 2.29 0.00	100.04 4.85 0.00	82.26 3.32 0.00	51.16 2.48 0.00	44.91 2.86 0.00	42.16 2.72 0.00	40.27 2.63 0.00	40.84 2.74 0.00	41.30 2.78 0.00	44.83 2.82 0.00	54.58 3.24 0.00	74.20 3.60 0.00	91.92 4.56 0.30	85.40 3.83 0.00	66.31 2.98 0.06	55.92 2.76 0.00	49.78 2.50 0.00	46.65 2.43 0.00
BROOKLYN___ARMY_DRP 323595	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
BROOME_2_LFGE 323671	46.56 0.09 0.00	43.42 0.09 0.00	40.47 0.12 0.00	40.31 0.16 0.00	41.38 0.08 0.00	48.38 -0.05 0.00	71.50 -0.14 0.00	95.48 0.29 0.00	78.95 0.00 0.00	48.58 -0.10 0.00	42.09 0.04 0.00	39.36 -0.08 0.00	37.60 -0.04 0.00	38.02 -0.08 0.00	38.30 -0.23 0.00	41.89 -0.13 0.00	50.98 -0.36 0.01	70.10 -0.49 0.01	85.92 -0.35 1.40	81.81 0.25 0.00	62.79 -0.32 0.29	52.89 -0.26 0.01	47.09 -0.19 0.00	44.22 0.00 0.00
BROOME___LFGE 323600	46.56 0.09 0.00	43.42 0.09 0.00	40.47 0.12 0.00	40.31 0.16 0.00	41.38 0.08 0.00	48.38 -0.05 0.00	71.50 -0.14 0.00	95.48 0.29 0.00	78.95 0.00 0.00	48.58 -0.10 0.00	42.09 0.04 0.00	39.36 -0.08 0.00	37.60 -0.04 0.00	38.02 -0.08 0.00	38.30 -0.23 0.00	41.89 -0.13 0.00	50.98 -0.36 0.01	70.10 -0.49 0.01	85.92 -0.35 1.40	81.81 0.25 0.00	62.79 -0.32 0.29	52.89 -0.26 0.01	47.09 -0.19 0.00	44.22 0.00 0.00
BROWNFLS_115KV_TB 3_5 80003	47.73 1.25 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.22 0.00	98.37 3.14 -0.04	81.63 2.68 0.00	49.65 0.97 0.00	42.55 0.50 0.00	39.91 0.47 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.91 0.39 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.09 0.49 0.00	88.46 0.79 0.00	82.87 1.31 0.00	64.40 1.01 0.00	54.80 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
BROWNSV1_27_KV_LOAD 356125	48.98 2.51 0.00	45.63 2.30 0.00	42.44 2.10 0.00	42.12 1.97 0.00	43.36 2.06 0.00	50.56 2.13 0.00	74.65 3.01 0.00	101.09 5.90 0.00	83.21 4.26 0.00	51.70 3.02 0.00	45.41 3.36 0.00	42.63 3.19 0.00	40.79 3.16 0.00	41.29 3.20 0.00	41.72 3.20 0.00	45.34 3.32 0.00	55.25 3.90 0.00	75.26 4.66 0.00	93.15 5.79 0.30	86.70 5.14 0.00	67.45 4.12 0.06	56.56 3.40 0.00	50.35 3.07 0.00	47.14 2.92 0.00
BURROWS___LYONSDAL 23803	47.49 1.02 0.00	44.59 1.26 0.00	41.47 1.13 0.00	41.24 1.08 0.00	42.45 1.16 0.00	50.03 1.60 0.00	74.51 2.87 0.00	99.31 4.09 -0.03	81.63 2.68 0.00	49.65 0.97 0.00	42.72 0.67 0.00	39.99 0.55 0.00	38.08 0.45 0.00	38.55 0.46 0.00	38.87 0.35 0.00	42.65 0.63 0.00	51.96 0.62 0.00	71.73 1.13 0.00	89.20 1.84 0.32	83.77 2.20 0.00	64.91 1.58 0.06	54.96 1.81 0.00	48.60 1.32 0.00	45.46 1.24 0.00
CAITHNESS_CC_1 323624	47.31 0.84 0.00	44.68 1.34 0.00	41.47 1.13 0.00	41.11 0.96 0.00	42.37 1.07 0.00	48.37 -0.05 0.01	70.97 -0.14 0.52	86.60 1.23 9.83	65.10 0.40 14.25	49.15 0.49 0.02	44.23 2.19 0.00	41.41 1.97 0.00	39.70 2.07 0.00	40.56 2.47 0.00	41.14 2.62 0.00	44.83 2.73 -0.09	52.73 1.39 0.00	71.66 1.06 0.00	88.42 1.06 0.31	82.22 0.65 0.00	64.03 0.70 0.06	54.27 1.12 0.01	48.27 0.99 0.01	45.94 1.72 0.00
CALPINE BETH_PAGE_GT4 24209	48.14 1.67 0.00	45.28 1.95 0.00	41.88 1.53 0.00	41.52 1.37 0.00	42.78 1.49 0.00	49.16 0.73 0.00	72.06 0.79 0.37	90.98 2.76 6.98	70.46 1.50 9.98	49.93 1.27 0.01	44.91 2.86 -0.01	41.92 2.48 0.00	40.27 2.63 0.00	41.03 2.93 -0.01	41.46 2.93 -0.01	45.49 3.07 -0.41	53.81 2.46 0.00	73.35 2.75 0.00	90.69 3.33 0.31	84.67 3.10 0.00	65.80 2.47 0.06	55.07 1.91 0.00	48.94 1.65 0.00	46.17 1.95 -0.01
CALPINE_BETH_PAGE_GT_4 323586	47.77 1.30 0.00	44.98 1.65 0.00	41.76 1.41 0.00	41.44 1.28 0.00	42.70 1.40 0.00	49.10 0.68 0.01	72.14 0.86 0.37	90.98 2.76 6.98	70.39 1.42 9.98	49.83 1.17 0.01	44.78 2.73 -0.01	41.77 2.33 0.00	40.00 2.37 0.00	40.84 2.74 -0.01	41.38 2.85 -0.01	45.45 3.03 -0.41	53.50 2.16 0.00	72.93 2.33 0.00	90.34 2.98 0.31	83.93 2.37 0.00	65.23 1.90 0.06	54.91 1.75 0.00	48.80 1.51 0.00	46.13 1.90 -0.01
CALPINE_BP_GT1 23823	47.77 1.30 0.00	44.98 1.65 0.00	41.76 1.41 0.00	41.44 1.28 0.00	42.70 1.40 0.00	49.10 0.68 0.01	72.14 0.86 0.37	90.98 2.76 6.98	70.39 1.42 9.98	49.83 1.17 0.01	44.78 2.73 -0.01	41.77 2.33 0.00	40.00 2.37 0.00	40.84 2.74 -0.01	41.38 2.85 -0.01	45.45 3.03 -0.41	53.50 2.16 0.00	72.93 2.33 0.00	90.34 2.98 0.31	83.93 2.37 0.00	65.23 1.90 0.06	54.91 1.75 0.00	48.80 1.51 0.00	46.13 1.90 -0.01
CALSPAN___DRP 24200	45.03 -1.44 0.00	41.51 -1.82 0.00	38.93 -1.41 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.91 -2.52 0.00	66.13 -5.52 0.00	87.96 -7.23 0.00	73.11 -5.84 0.00	45.56 -3.12 0.00	39.65 -2.40 0.00	36.84 -2.60 0.00	35.15 -2.48 0.00	35.62 -2.48 0.00	35.71 -2.81 0.00	39.16 -2.86 0.00	46.80 -4.52 0.02	64.65 -5.93 0.02	78.75 -7.28 1.64	75.86 -5.71 0.00	57.13 -5.90 0.36	48.67 -4.47 0.02	43.55 -3.74 0.00	41.65 -2.56 0.00

CALVERTON___SOLAR 323806	47.45 0.98 0.00	44.81 1.47 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.47 0.05 0.01	71.19 0.07 0.52	86.89 1.52 9.82	65.27 0.56 14.23	49.25 0.59 0.02	44.31 2.27 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.96 2.86 -0.09	52.88 1.54 0.00	71.87 1.27 0.00	88.50 1.14 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.42 1.27 0.01	48.36 1.09 0.01	46.07 1.86 0.00
CANDIGU_WT_PWR 323617	45.03 -1.44 0.00	41.99 -1.34 0.00	39.26 -1.09 0.00	39.23 -0.92 0.00	39.97 -1.32 0.00	46.44 -1.99 0.00	67.56 -4.08 0.00	89.86 -5.33 0.00	74.68 -4.26 0.00	45.91 -2.77 0.00	39.99 -2.06 0.00	37.23 -2.21 0.00	35.79 -1.84 0.00	36.03 -2.06 0.00	35.94 -2.58 0.00	39.58 -2.44 0.00	47.40 -3.90 0.04	65.55 -5.01 0.04	80.30 -5.79 1.58	77.98 -3.59 0.00	58.56 -4.44 0.38	49.50 -3.62 0.04	44.49 -2.79 0.00	42.23 -1.99 0.00
CARR STREET_E_SYR 24060	45.73 -0.75 0.00	42.64 -0.70 0.00	39.70 -0.65 0.00	39.51 -0.64 0.00	40.63 -0.66 0.00	47.65 -0.78 0.00	70.57 -1.07 0.00	94.14 -1.05 0.00	77.92 -1.03 0.00	47.95 -0.73 0.00	41.42 -0.63 0.00	38.81 -0.63 0.00	36.99 -0.64 0.00	37.44 -0.65 0.00	37.79 -0.73 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.40 -1.20 0.00	84.60 -1.31 1.76	80.67 -0.90 0.00	62.09 -0.95 0.35	52.30 -0.85 0.00	46.48 -0.80 0.00	43.51 -0.71 0.00
CARTHAGE___PAPER 23857	47.77 1.30 0.00	44.98 1.65 0.00	41.79 1.45 0.00	41.52 1.37 0.00	42.78 1.48 0.00	50.51 2.08 0.00	75.44 3.79 0.00	100.41 5.14 -0.08	82.42 3.47 0.00	49.75 1.07 0.00	42.68 0.63 0.00	39.95 0.51 0.00	38.01 0.38 0.00	38.47 0.38 0.00	38.80 0.27 0.00	42.65 0.63 0.00	51.86 0.51 0.00	71.87 1.27 0.00	89.86 2.19 0.00	84.59 3.02 0.00	65.48 2.09 0.00	55.44 2.28 0.00	49.03 1.75 0.00	45.81 1.59 0.00
CASSADAGA_WT_PWR 323784	44.66 -1.81 0.00	41.64 -1.69 0.00	38.93 -1.41 0.00	39.11 -1.04 0.00	39.81 -1.48 0.00	46.30 -2.13 0.00	66.99 -4.66 0.00	89.77 -5.42 0.00	74.61 -4.34 0.00	46.39 -2.29 0.00	40.57 -1.47 0.00	37.63 -1.81 0.00	36.24 -1.39 0.00	36.49 -1.60 0.00	36.21 -2.31 0.00	39.83 -2.19 0.00	47.37 -3.95 0.03	65.42 -5.15 0.03	80.16 -5.87 1.64	78.22 -3.35 0.00	57.64 -5.39 0.36	48.77 -4.36 0.03	43.88 -3.40 0.00	41.97 -2.25 0.00
CE_DUNWOOD___DRP 24194	48.33 1.86 0.00	45.07 1.73 0.00	41.92 1.57 0.00	41.60 1.45 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.72 2.08 0.00	99.57 4.38 0.00	81.87 2.92 0.00	50.77 2.09 0.00	44.57 2.52 0.00	41.81 2.37 0.00	40.00 2.37 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.22 2.88 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.32 3.75 0.00	66.37 3.04 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
CE_MILLWOOD___DRP 24193	48.24 1.77 0.00	44.98 1.65 0.00	41.84 1.49 0.00	41.56 1.41 0.00	42.78 1.49 0.00	49.88 1.45 0.00	73.65 2.01 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.72 2.04 0.00	44.49 2.44 0.00	41.73 2.29 0.00	39.89 2.26 0.00	40.42 2.32 0.00	40.84 2.31 0.00	44.41 2.40 0.00	54.12 2.77 0.00	73.92 3.32 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.31 2.98 0.06	55.55 2.39 0.00	49.46 2.17 0.00	46.30 2.08 0.00
CE_NYC2_DRP 24202	48.61 2.14 0.00	45.19 1.86 0.00	42.12 1.78 0.00	41.80 1.65 0.00	42.94 1.65 0.00	49.88 1.45 0.00	73.57 1.93 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.92 2.24 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.46 2.82 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.87 2.86 0.00	54.53 3.18 0.00	74.06 3.46 0.00	91.57 4.21 0.31	85.32 3.75 0.00	66.37 3.04 0.06	55.65 2.50 0.00	49.88 2.60 0.00	46.96 2.74 0.00
CE_NYC_DRP 24195	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.22 1.79 0.00	74.15 2.51 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.36 2.68 0.00	45.12 3.07 0.00	42.36 2.92 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.00 2.98 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.36 5.00 0.30	85.97 4.40 0.00	66.94 3.61 0.06	56.13 2.98 0.00	49.98 2.69 0.00	46.78 2.56 0.00
CHAFFEE___LFGE 323603	44.89 -1.58 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.11 -1.04 0.00	39.77 -1.53 0.00	46.15 -2.28 0.00	66.19 -5.45 0.00	88.05 -7.14 0.00	73.73 -5.21 0.00	45.91 -2.77 0.00	39.95 -2.10 0.00	37.11 -2.33 0.00	35.83 -1.81 0.00	36.03 -2.06 0.00	35.79 -2.73 0.00	39.45 -2.56 0.00	46.85 -4.47 0.03	64.64 -5.93 0.03	78.85 -7.19 1.64	77.00 -4.57 0.00	57.57 -5.45 0.36	48.72 -4.41 0.03	43.88 -3.40 0.00	41.92 -2.30 0.00
CHATEAUG_35_KV_LOAD 355732	47.12 0.65 0.00	44.03 0.69 0.00	40.95 0.61 0.00	40.79 0.64 0.00	42.00 0.70 0.00	49.16 0.73 0.00	72.43 0.79 0.00	94.71 -0.48 0.00	79.66 0.71 0.00	49.21 0.54 0.00	42.26 0.21 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.19 0.17 0.00	51.39 0.05 0.00	70.88 0.28 0.00	87.76 0.09 0.00	81.81 0.24 0.00	63.45 0.06 0.00	53.31 0.16 0.00	47.85 0.57 0.00	44.71 0.49 0.00
CHATEAUG_WT_PWR 323614	46.98 0.51 0.00	43.90 0.56 0.00	40.83 0.49 0.00	40.67 0.52 0.00	41.87 0.58 0.00	48.96 0.53 0.00	72.07 0.43 0.00	94.53 -0.66 0.00	79.34 0.40 0.00	49.12 0.44 0.00	42.22 0.17 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.10 0.08 0.00	51.24 -0.10 0.00	70.53 -0.07 0.00	87.41 -0.26 0.00	81.48 -0.08 0.00	63.20 -0.19 0.00	53.16 0.00 0.00	47.75 0.47 0.00	44.62 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	47.12 0.65 0.00	44.03 0.69 0.00	40.95 0.61 0.00	40.79 0.64 0.00	42.00 0.70 0.00	49.16 0.73 0.00	72.43 0.79 0.00	94.71 -0.48 0.00	79.66 0.71 0.00	49.21 0.54 0.00	42.26 0.21 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.19 0.17 0.00	51.39 0.05 0.00	70.88 0.28 0.00	87.76 0.09 0.00	81.81 0.24 0.00	63.45 0.06 0.00	53.31 0.16 0.00	47.85 0.57 0.00	44.71 0.49 0.00
CHAUTAUQUA___LFGE 323629	44.89 -1.58 0.00	41.82 -1.52 0.00	39.09 -1.25 0.00	39.19 -0.96 0.00	39.89 -1.40 0.00	46.30 -2.13 0.00	66.70 -4.94 0.00	88.90 -6.29 0.00	74.21 -4.73 0.00	46.20 -2.48 0.00	40.36 -1.68 0.00	37.51 -1.93 0.00	36.16 -1.47 0.00	36.34 -1.75 0.00	36.10 -2.43 0.00	39.79 -2.23 0.00	47.21 -4.11 0.03	65.14 -5.43 0.03	79.46 -6.58 1.64	77.65 -3.91 0.00	57.70 -5.32 0.36	48.72 -4.41 0.03	43.97 -3.31 0.00	42.05 -2.17 0.00
CHERRYST_13_KV_LD 356241	48.75 2.28 0.00	45.41 2.08 0.00	42.24 1.90 0.00	41.96 1.81 0.00	43.15 1.86 0.00	50.32 1.89 0.00	74.29 2.65 0.00	100.62 5.43 0.00	82.82 3.87 0.00	51.50 2.82 0.00	45.24 3.20 0.00	42.48 3.04 0.00	40.64 3.01 0.00	41.14 3.05 0.00	41.57 3.04 0.00	45.17 3.15 0.00	54.99 3.65 0.00	74.91 4.31 0.00	92.63 5.26 0.30	86.22 4.65 0.00	67.07 3.74 0.06	56.24 3.08 0.00	50.07 2.79 0.00	46.87 2.65 0.00

CHESTROR_138KV_BK263 355645	48.00 1.53 0.00	44.76 1.43 0.00	41.63 1.29 0.00	41.36 1.20 0.00	42.57 1.28 0.00	49.69 1.26 0.00	73.43 1.79 0.00	99.00 3.81 0.00	81.40 2.45 0.00	50.33 1.66 0.00	44.02 1.98 0.00	41.29 1.85 0.00	39.44 1.81 0.00	39.96 1.87 0.00	40.37 1.85 0.00	43.95 1.93 0.00	53.60 2.26 0.00	73.42 2.82 0.00	90.86 3.51 0.32	84.75 3.18 0.00	65.86 2.54 0.06	55.18 2.02 0.00	49.12 1.84 0.00	45.94 1.72 0.00
CH_MIDHUDSON___DRP 24192	48.10 1.63 0.00	44.85 1.52 0.00	41.72 1.37 0.00	41.44 1.28 0.00	42.70 1.40 0.00	49.83 1.40 0.00	73.65 2.01 0.00	99.28 4.09 0.00	81.63 2.68 0.00	50.48 1.80 0.00	44.06 2.02 0.00	41.33 1.89 0.00	39.51 1.88 0.00	40.00 1.90 0.00	40.45 1.93 0.00	43.99 1.97 0.00	53.76 2.41 0.00	73.64 3.04 0.00	91.23 3.86 0.30	84.91 3.34 0.00	66.05 2.73 0.06	55.33 2.18 0.00	49.22 1.94 0.00	46.03 1.81 0.00
CH_MISC_IPPS 23765	48.33 1.86 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.85 4.66 0.00	82.11 3.16 0.00	50.68 2.00 0.00	44.23 2.19 0.00	41.41 1.97 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.53 2.00 0.00	44.12 2.10 0.00	53.91 2.57 0.00	73.92 3.32 0.00	91.66 4.29 0.30	85.32 3.75 0.00	66.18 2.86 0.06	55.55 2.39 0.00	49.41 2.13 0.00	46.21 1.99 0.00
CH_RES_BVR_FALLS 23983	46.38 -0.09 0.00	43.33 0.00 0.00	40.34 0.00 0.00	40.19 0.04 0.00	41.33 0.04 0.00	48.48 0.05 0.00	71.71 0.07 0.00	94.81 -0.38 0.00	79.03 0.08 0.00	48.73 0.05 0.00	42.05 0.00 0.00	39.44 0.00 0.00	37.63 0.00 0.00	38.05 -0.04 0.00	38.53 0.00 0.00	41.98 -0.04 0.00	51.24 -0.10 0.00	70.39 -0.21 0.00	87.15 -0.52 0.00	81.08 -0.49 0.00	63.01 -0.38 0.00	52.89 -0.26 0.00	47.19 -0.09 0.00	44.17 -0.04 0.00
CH_RES_NIAGARA 23895	43.96 -2.51 0.00	40.47 -2.86 0.00	37.96 -2.38 0.00	38.06 -2.09 0.00	38.65 -2.64 0.00	44.60 -3.83 0.00	63.83 -7.81 0.00	84.53 -10.66 0.00	70.58 -8.37 0.00	44.25 -4.43 0.00	38.51 -3.53 0.00	35.85 -3.59 0.00	34.25 -3.39 0.00	34.63 -3.47 0.00	34.75 -3.78 0.00	38.15 -3.87 0.00	45.01 -6.32 0.02	61.26 -9.32 0.02	74.71 -11.31 1.65	73.16 -8.40 0.00	53.93 -9.06 0.39	46.17 -6.96 0.02	42.27 -5.01 0.00	40.55 -3.67 0.00
CH_RES_SYRACUSE 23985	46.05 -0.42 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 0.00 0.00	71.14 -0.50 0.00	95.02 -0.28 -0.12	78.63 -0.31 0.00	48.29 -0.39 0.00	41.67 -0.38 0.00	39.04 -0.39 0.00	37.18 -0.45 0.00	37.67 -0.42 0.00	37.99 -0.54 0.00	41.52 -0.50 0.00	50.78 -0.56 0.00	69.83 -0.78 0.00	86.06 -0.70 0.91	81.16 -0.41 0.00	62.70 -0.51 0.18	52.68 -0.48 0.00	46.81 -0.47 0.00	43.78 -0.44 0.00
CLINTON_WT_PWR 323605	46.98 0.51 0.00	43.90 0.56 0.00	40.83 0.49 0.00	40.67 0.52 0.00	41.87 0.58 0.00	48.96 0.53 0.00	72.07 0.43 0.00	94.53 -0.66 0.00	79.34 0.40 0.00	49.12 0.44 0.00	42.22 0.17 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.10 0.08 0.00	51.24 -0.10 0.00	70.53 -0.07 0.00	87.41 -0.26 0.00	81.48 -0.08 0.00	63.20 -0.19 0.00	53.16 0.00 0.00	47.75 0.47 0.00	44.62 0.40 0.00
CLINTON___LFGE 323618	47.49 1.02 0.00	44.42 1.08 0.00	41.27 0.93 0.00	41.11 0.96 0.00	42.33 1.03 0.00	49.40 0.97 0.00	72.51 0.86 0.00	94.91 -0.28 0.00	79.74 0.79 0.00	49.46 0.78 0.00	42.42 0.38 0.00	39.83 0.39 0.00	37.97 0.34 0.00	38.28 0.19 0.00	38.83 0.31 0.00	42.31 0.30 0.00	51.45 0.10 0.00	70.88 0.28 0.00	87.94 0.26 0.00	82.06 0.49 0.00	63.51 0.13 0.00	53.48 0.32 0.00	48.27 0.99 0.00	45.10 0.88 0.00
COBBLENY_34_KV_TB1 80064	45.08 -1.39 0.00	41.56 -1.78 0.00	38.97 -1.37 0.00	39.11 -1.04 0.00	39.68 -1.61 0.00	46.01 -2.42 0.00	66.34 -5.30 0.00	88.34 -6.85 0.00	73.42 -5.53 0.00	45.71 -2.97 0.00	39.73 -2.31 0.00	36.91 -2.52 0.00	35.22 -2.41 0.00	35.69 -2.40 0.00	35.79 -2.74 0.00	39.24 -2.77 0.00	47.01 -4.31 0.03	65.07 -5.51 0.03	79.28 -6.75 1.64	76.18 -5.38 0.00	57.58 -5.45 0.36	48.98 -4.15 0.03	43.64 -3.64 0.00	41.74 -2.48 0.00
COFFEEN___115KV_TB3 355620	48.14 1.67 0.00	45.20 1.86 0.00	42.00 1.65 0.00	41.72 1.57 0.00	42.99 1.69 0.00	50.80 2.37 0.00	76.08 4.44 0.00	101.67 6.38 -0.10	83.05 4.11 0.00	49.94 1.27 0.00	42.80 0.76 0.00	39.99 0.55 0.00	38.01 0.38 0.00	38.47 0.38 0.00	38.72 0.19 0.00	42.69 0.67 0.00	52.16 0.82 0.00	72.44 1.84 0.00	90.92 3.24 0.00	85.64 4.08 0.00	66.18 2.79 0.00	55.92 2.76 0.00	49.27 1.99 0.00	46.03 1.81 0.00
COLDSPRG_115KV_BK1 355956	45.31 -1.16 0.00	41.86 -1.47 0.00	39.25 -1.09 0.00	39.47 -0.68 0.00	40.10 -1.20 0.00	46.54 -1.89 0.00	67.92 -3.73 0.00	90.91 -4.28 0.00	75.08 -3.87 0.00	46.59 -2.09 0.00	40.66 -1.39 0.00	37.59 -1.85 0.00	35.86 -1.77 0.00	36.38 -1.71 0.00	36.45 -2.08 0.00	39.87 -2.14 0.00	48.13 -3.18 0.03	67.33 -3.25 0.03	82.18 -3.86 1.63	78.06 -3.51 0.00	59.85 -3.17 0.36	50.47 -2.66 0.03	44.25 -3.03 0.00	42.19 -2.03 0.00
COLONIE_LFGE___ 323577	47.45 0.98 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.04 0.74 0.00	49.54 1.11 0.00	73.15 1.51 0.00	97.76 2.57 0.00	79.97 1.02 0.00	49.36 0.68 0.00	42.34 0.30 0.00	39.72 0.28 0.00	37.93 0.30 0.00	38.51 0.42 0.00	38.99 0.46 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.37 1.77 0.00	90.04 2.37 0.00	82.95 1.39 0.00	64.97 1.59 0.00	54.43 1.27 0.00	47.99 0.71 0.00	44.71 0.49 0.00
COOPERNY_115KV_TB1 80082	47.68 1.21 0.00	44.46 1.13 0.00	41.35 1.01 0.00	41.12 0.96 0.00	42.28 0.99 0.00	49.45 1.02 0.00	73.08 1.43 0.00	98.24 3.05 0.00	80.84 1.89 0.00	49.99 1.31 0.00	43.56 1.51 0.00	40.86 1.42 0.00	39.03 1.39 0.00	39.50 1.41 0.00	39.91 1.39 0.00	43.49 1.47 0.00	53.09 1.75 0.00	72.72 2.12 0.00	90.04 2.72 0.35	84.01 2.45 0.00	65.28 1.97 0.07	54.75 1.59 0.00	48.70 1.42 0.00	45.55 1.33 0.00
COPENHAGEN_WT_PWR 323753	47.68 1.21 0.00	44.76 1.43 0.00	41.60 1.25 0.00	41.32 1.17 0.00	42.57 1.28 0.00	50.27 1.84 0.00	75.08 3.44 0.00	100.25 4.95 -0.11	82.19 3.24 0.00	49.60 0.92 0.00	42.55 0.51 0.00	39.79 0.35 0.00	37.86 0.23 0.00	38.28 0.19 0.00	38.56 0.04 0.00	42.44 0.42 0.00	51.80 0.46 0.00	71.80 1.20 0.00	89.95 2.28 0.00	84.59 3.02 0.00	65.48 2.09 0.00	55.23 2.07 0.00	48.79 1.51 0.00	45.59 1.37 0.00
CORNELL_____ 23752	47.03 0.56 0.00	43.81 0.48 0.00	40.79 0.44 0.00	40.59 0.44 0.00	41.75 0.45 0.00	49.01 0.58 0.00	72.72 1.07 0.00	97.28 2.09 0.00	80.13 1.18 0.00	49.02 0.34 0.00	42.26 0.21 0.00	39.48 0.04 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.68 0.26 -0.08	71.25 0.56 -0.08	87.50 1.23 1.40	83.03 1.47 0.00	64.06 0.82 0.15	53.88 0.64 -0.08	47.71 0.43 0.00	44.66 0.44 0.00

CORONA_69_KV_TB1 355595	48.52 2.04 0.00	45.54 2.21 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	49.59 1.16 0.00	73.02 1.43 0.06	97.79 3.52 0.92	79.81 2.21 1.35	50.42 1.75 0.01	45.21 3.11 -0.05	42.16 2.72 0.00	40.46 2.82 0.00	41.19 3.05 -0.05	41.66 3.08 -0.05	46.81 3.28 -1.52	54.17 2.82 0.00	73.85 3.25 0.00	91.31 3.95 0.31	85.32 3.75 0.00	66.24 2.92 0.06	55.48 2.29 -0.04	49.30 1.99 -0.04	46.48 2.21 -0.05
CORTLAND_115KV_TB3 80093	46.75 0.28 0.00	43.55 0.22 0.00	40.55 0.20 0.00	40.35 0.20 0.00	41.50 0.21 0.00	48.72 0.29 0.00	72.29 0.64 0.00	96.62 1.43 0.00	79.66 0.71 0.00	48.83 0.15 0.00	42.13 0.08 0.00	39.44 0.00 0.00	37.56 -0.08 0.00	38.05 -0.04 0.00	38.45 -0.08 0.00	42.02 0.00 0.00	51.47 0.10 -0.02	70.91 0.28 -0.02	86.89 0.70 1.48	82.46 0.90 0.00	63.64 0.51 0.26	53.55 0.37 -0.02	47.52 0.24 0.00	44.44 0.22 0.00
COXSACKIE___GT 23611	47.96 1.49 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.32 1.17 0.00	42.61 1.32 0.00	50.08 1.65 0.00	74.65 3.01 0.00	99.85 4.66 0.00	81.40 2.45 0.00	49.27 0.59 0.00	42.17 0.13 0.00	39.44 0.00 0.00	37.60 -0.04 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.27 0.25 0.00	52.42 1.08 0.00	73.14 2.54 0.00	91.36 3.95 0.26	84.66 3.10 0.00	65.74 2.41 0.05	54.96 1.81 0.00	48.46 1.18 0.00	45.15 0.93 0.00
CPV_VALLEY___CC1 323721	47.82 1.35 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.27 1.12 0.00	42.45 1.15 0.00	49.54 1.11 0.00	73.29 1.65 0.00	98.61 3.42 0.00	81.16 2.21 0.00	50.19 1.51 0.00	43.85 1.81 0.00	41.13 1.69 0.00	39.25 1.62 0.00	39.77 1.67 0.00	40.22 1.69 0.00	43.78 1.76 0.00	53.40 2.06 0.00	73.00 2.40 0.00	90.41 3.07 0.33	84.18 2.61 0.00	65.35 2.03 0.07	54.96 1.81 0.00	48.89 1.61 0.00	45.77 1.55 0.00
CPV_VALLEY___CC2 323722	47.82 1.35 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.27 1.12 0.00	42.45 1.15 0.00	49.54 1.11 0.00	73.29 1.65 0.00	98.61 3.42 0.00	81.16 2.21 0.00	50.19 1.51 0.00	43.85 1.81 0.00	41.13 1.69 0.00	39.25 1.62 0.00	39.77 1.67 0.00	40.22 1.69 0.00	43.78 1.76 0.00	53.40 2.06 0.00	73.00 2.40 0.00	90.41 3.07 0.33	84.18 2.61 0.00	65.35 2.03 0.07	54.96 1.81 0.00	48.89 1.61 0.00	45.77 1.55 0.00
CRESCENT___HYD 24018	47.45 0.98 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.04 0.74 0.00	49.54 1.11 0.00	73.15 1.51 0.00	97.76 2.57 0.00	79.97 1.02 0.00	49.36 0.68 0.00	42.34 0.30 0.00	39.72 0.28 0.00	37.93 0.30 0.00	38.51 0.42 0.00	38.99 0.46 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.37 1.77 0.00	90.04 2.37 0.00	82.95 1.39 0.00	64.97 1.59 0.00	54.43 1.27 0.00	47.99 0.71 0.00	44.71 0.49 0.00
CRICKET___VALLEY_CC1 323756	47.49 1.02 0.00	44.29 0.95 0.00	41.23 0.89 0.00	41.00 0.84 0.00	42.16 0.87 0.00	49.20 0.77 0.00	72.64 1.00 0.00	97.95 2.76 0.00	80.53 1.58 0.00	49.90 1.22 0.00	43.68 1.64 0.00	40.98 1.54 0.00	39.14 1.51 0.00	39.65 1.56 0.00	40.11 1.58 0.00	43.61 1.60 0.00	53.19 1.85 0.00	72.57 1.97 0.00	89.92 2.54 0.30	83.61 2.04 0.00	64.97 1.65 0.06	54.64 1.49 0.00	48.60 1.32 0.00	45.50 1.28 0.00
CRICKET___VALLEY_CC2 323757	47.49 1.02 0.00	44.29 0.95 0.00	41.23 0.89 0.00	41.00 0.84 0.00	42.16 0.87 0.00	49.20 0.77 0.00	72.64 1.00 0.00	97.95 2.76 0.00	80.53 1.58 0.00	49.90 1.22 0.00	43.68 1.64 0.00	40.98 1.54 0.00	39.14 1.51 0.00	39.65 1.56 0.00	40.11 1.58 0.00	43.61 1.60 0.00	53.19 1.85 0.00	72.57 1.97 0.00	89.92 2.54 0.30	83.61 2.04 0.00	64.97 1.65 0.06	54.64 1.49 0.00	48.60 1.32 0.00	45.50 1.28 0.00
CRICKET___VALLEY_CC3 323758	47.49 1.02 0.00	44.29 0.95 0.00	41.23 0.89 0.00	41.00 0.84 0.00	42.16 0.87 0.00	49.20 0.77 0.00	72.64 1.00 0.00	97.95 2.76 0.00	80.53 1.58 0.00	49.90 1.22 0.00	43.68 1.64 0.00	40.98 1.54 0.00	39.14 1.51 0.00	39.65 1.56 0.00	40.11 1.58 0.00	43.61 1.60 0.00	53.19 1.85 0.00	72.57 1.97 0.00	89.92 2.54 0.30	83.61 2.04 0.00	64.97 1.65 0.06	54.64 1.49 0.00	48.60 1.32 0.00	45.50 1.28 0.00
CRUCIBLE_METL_DRP 24180	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
DAHOWA___HYDRO 323763	47.91 1.44 0.00	44.63 1.30 0.00	41.60 1.25 0.00	41.40 1.25 0.00	42.57 1.28 0.00	50.03 1.60 0.00	74.15 2.51 0.00	99.09 3.90 0.00	81.08 2.13 0.00	49.51 0.83 0.00	42.38 0.33 0.00	39.68 0.24 0.00	37.86 0.23 0.00	38.47 0.38 0.00	38.99 0.46 0.00	42.52 0.51 0.00	52.42 1.08 0.00	72.79 2.19 0.00	90.74 3.07 0.00	83.77 2.20 0.00	65.41 2.03 0.00	54.81 1.65 0.00	48.41 1.13 0.00	45.10 0.88 0.00
DANC___LFGE 323619	46.84 0.37 0.00	43.86 0.52 0.00	40.79 0.44 0.00	40.55 0.40 0.00	41.75 0.46 0.00	49.20 0.77 0.00	73.22 1.57 0.00	97.80 2.47 -0.14	80.37 1.42 0.00	48.83 0.15 0.00	42.00 -0.04 0.00	39.32 -0.12 0.00	37.41 -0.22 0.00	37.86 -0.23 0.00	38.18 -0.35 0.00	41.89 -0.13 0.00	51.14 -0.20 0.00	70.67 0.07 0.00	88.29 0.62 0.00	82.87 1.30 0.00	64.15 0.76 0.00	54.00 0.85 0.00	47.85 0.57 0.00	44.71 0.49 0.00
DANSKAMMER___1 23586	48.33 1.86 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.85 4.66 0.00	82.11 3.16 0.00	50.68 2.00 0.00	44.23 2.19 0.00	41.41 1.97 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.53 2.00 0.00	44.12 2.10 0.00	53.91 2.57 0.00	73.92 3.32 0.00	91.66 4.29 0.30	85.32 3.75 0.00	66.18 2.86 0.06	55.55 2.39 0.00	49.41 2.13 0.00	46.21 1.99 0.00
DANSKAMMER___2 23589	48.33 1.86 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.85 4.66 0.00	82.11 3.16 0.00	50.68 2.00 0.00	44.23 2.19 0.00	41.41 1.97 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.53 2.00 0.00	44.12 2.10 0.00	53.91 2.57 0.00	73.92 3.32 0.00	91.66 4.29 0.30	85.32 3.75 0.00	66.18 2.86 0.06	55.55 2.39 0.00	49.41 2.13 0.00	46.21 1.99 0.00
DANSKAMMER___3 23590	48.33 1.86 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.85 4.66 0.00	82.11 3.16 0.00	50.68 2.00 0.00	44.23 2.19 0.00	41.41 1.97 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.53 2.00 0.00	44.12 2.10 0.00	53.91 2.57 0.00	73.92 3.32 0.00	91.66 4.29 0.30	85.32 3.75 0.00	66.18 2.86 0.06	55.55 2.39 0.00	49.41 2.13 0.00	46.21 1.99 0.00

DANSKAMMER___4 23591	48.33 1.86 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.85 4.66 0.00	82.11 3.16 0.00	50.68 2.00 0.00	44.23 2.19 0.00	41.41 1.97 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.53 2.00 0.00	44.12 2.10 0.00	53.91 2.57 0.00	73.92 3.32 0.00	91.66 4.29 0.30	85.32 3.75 0.00	66.18 2.86 0.06	55.55 2.39 0.00	49.41 2.13 0.00	46.21 1.99 0.00
DANSKAMMER___DIESEL 23592	48.38 1.91 0.00	45.11 1.78 0.00	41.96 1.61 0.00	41.68 1.53 0.00	42.90 1.61 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.95 4.76 0.00	82.18 3.24 0.00	50.67 2.00 0.00	44.27 2.23 0.00	41.45 2.01 0.00	39.63 1.99 0.00	40.11 2.02 0.00	40.57 2.04 0.00	44.16 2.14 0.00	54.01 2.67 0.00	74.06 3.46 0.00	91.84 4.47 0.30	85.48 3.92 0.00	66.43 3.11 0.06	55.65 2.50 0.00	49.46 2.17 0.00	46.25 2.03 0.00
DARBY___SOLAR 323810	47.77 1.30 0.00	44.50 1.17 0.00	41.47 1.13 0.00	41.27 1.12 0.00	42.45 1.15 0.00	49.88 1.45 0.00	73.87 2.22 0.00	98.71 3.52 0.00	80.77 1.82 0.00	49.41 0.73 0.00	42.34 0.30 0.00	39.64 0.20 0.00	37.82 0.19 0.00	38.43 0.34 0.00	38.91 0.39 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.65 2.05 0.00	90.56 2.89 0.00	83.61 2.04 0.00	65.29 1.90 0.00	54.70 1.54 0.00	48.32 1.04 0.00	45.02 0.80 0.00
DASHVILLE___HYD 23610	47.87 1.39 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.24 1.08 0.00	42.49 1.20 0.00	49.59 1.16 0.00	73.43 1.79 0.00	98.81 3.62 0.00	81.24 2.29 0.00	50.04 1.36 0.00	43.56 1.51 0.00	40.82 1.38 0.00	39.03 1.39 0.00	39.50 1.41 0.00	39.91 1.39 0.00	43.49 1.47 0.00	53.24 1.90 0.00	73.14 2.54 0.00	90.71 3.33 0.29	84.42 2.85 0.00	65.67 2.35 0.06	55.02 1.86 0.00	48.84 1.56 0.00	45.68 1.46 0.00
DELAWARE___LFGE 323621	47.45 0.98 0.00	44.24 0.91 0.00	41.15 0.81 0.00	40.95 0.80 0.00	42.12 0.83 0.00	49.40 0.97 0.00	73.15 1.50 0.00	98.05 2.86 0.00	80.68 1.74 0.00	49.56 0.88 0.00	42.97 0.93 0.00	40.23 0.79 0.00	38.39 0.75 0.00	38.85 0.76 0.00	39.22 0.69 0.00	42.86 0.84 0.00	52.42 1.08 0.00	72.15 1.55 0.00	88.89 2.02 0.80	83.44 1.88 0.00	64.81 1.58 0.16	54.43 1.28 0.00	48.27 0.99 0.00	45.15 0.93 0.00
DERFIELD_115KV_TB7 355931	46.52 0.05 0.00	43.38 0.04 0.00	40.38 0.04 0.00	40.19 0.04 0.00	41.33 0.04 0.00	48.53 0.10 0.00	71.79 0.14 0.00	95.67 0.48 0.00	79.03 0.08 0.00	48.73 0.05 0.00	42.09 0.04 0.00	39.48 0.04 0.00	37.67 0.04 0.00	38.13 0.04 0.00	38.56 0.04 0.00	42.06 0.04 0.00	51.45 0.10 0.00	70.74 0.14 0.00	87.94 0.26 0.00	81.73 0.16 0.00	63.58 0.19 0.00	53.31 0.16 0.00	47.33 0.05 0.00	44.26 0.04 0.00
DOGLEVILLE___HYD 23807	48.14 1.67 0.00	44.94 1.60 0.00	41.88 1.53 0.00	41.64 1.49 0.00	42.86 1.57 0.00	50.22 1.79 0.00	74.36 2.72 0.00	99.19 4.00 0.00	81.79 2.84 0.00	50.38 1.70 0.00	43.69 1.64 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.50 1.41 0.00	39.87 1.35 0.00	43.57 1.55 0.00	53.24 1.90 0.00	73.21 2.61 0.00	90.92 3.24 0.00	84.50 2.94 0.00	65.61 2.22 0.00	55.07 1.91 0.00	48.89 1.61 0.00	45.77 1.55 0.00
DUNKIRK__115KV_TB_200 55889	45.12 -1.35 0.00	41.60 -1.73 0.00	39.05 -1.29 0.00	39.23 -0.92 0.00	39.85 -1.45 0.00	46.15 -2.28 0.00	66.84 -4.80 0.00	89.10 -6.09 0.00	73.82 -5.13 0.00	46.00 -2.68 0.00	40.15 -1.89 0.00	37.27 -2.17 0.00	35.53 -2.11 0.00	36.00 -2.10 0.00	36.10 -2.43 0.00	39.58 -2.44 0.00	47.31 -4.00 0.03	65.35 -5.22 0.03	79.72 -6.31 1.64	76.83 -4.73 0.00	57.64 -5.39 0.36	48.93 -4.20 0.03	43.78 -3.50 0.00	41.88 -2.34 0.00
DUNKIRK___1 23563	45.12 -1.35 0.00	41.60 -1.73 0.00	39.05 -1.29 0.00	39.23 -0.92 0.00	39.85 -1.45 0.00	46.15 -2.28 0.00	66.84 -4.80 0.00	89.10 -6.09 0.00	73.82 -5.13 0.00	46.00 -2.68 0.00	40.15 -1.89 0.00	37.27 -2.17 0.00	35.53 -2.11 0.00	36.00 -2.10 0.00	36.10 -2.43 0.00	39.58 -2.44 0.00	47.31 -4.00 0.03	65.35 -5.22 0.03	79.72 -6.31 1.64	76.83 -4.73 0.00	57.64 -5.39 0.36	48.93 -4.20 0.03	43.78 -3.50 0.00	41.88 -2.34 0.00
DUNKIRK___2 23564	45.12 -1.35 0.00	41.60 -1.73 0.00	39.05 -1.29 0.00	39.23 -0.92 0.00	39.85 -1.45 0.00	46.15 -2.28 0.00	66.84 -4.80 0.00	89.10 -6.09 0.00	73.82 -5.13 0.00	46.00 -2.68 0.00	40.15 -1.89 0.00	37.27 -2.17 0.00	35.53 -2.11 0.00	36.00 -2.10 0.00	36.10 -2.43 0.00	39.58 -2.44 0.00	47.31 -4.00 0.03	65.35 -5.22 0.03	79.72 -6.31 1.64	76.83 -4.73 0.00	57.64 -5.39 0.36	48.93 -4.20 0.03	43.78 -3.50 0.00	41.88 -2.34 0.00
DUNKIRK___3 23565	45.03 -1.44 0.00	41.56 -1.78 0.00	38.97 -1.37 0.00	39.11 -1.04 0.00	39.72 -1.57 0.00	46.01 -2.42 0.00	66.56 -5.09 0.00	88.62 -6.57 0.00	73.50 -5.45 0.00	45.76 -2.92 0.00	39.90 -2.14 0.00	37.07 -2.37 0.00	35.37 -2.26 0.00	35.81 -2.29 0.00	35.91 -2.62 0.00	39.37 -2.65 0.00	47.11 -4.21 0.02	65.07 -5.51 0.02	79.37 -6.66 1.64	76.43 -5.14 0.00	57.51 -5.51 0.36	48.83 -4.31 0.02	43.64 -3.64 0.00	41.74 -2.48 0.00
DUNKIRK___4 23566	45.03 -1.44 0.00	41.56 -1.78 0.00	38.97 -1.37 0.00	39.11 -1.04 0.00	39.72 -1.57 0.00	46.01 -2.42 0.00	66.56 -5.09 0.00	88.62 -6.57 0.00	73.50 -5.45 0.00	45.76 -2.92 0.00	39.90 -2.14 0.00	37.07 -2.37 0.00	35.37 -2.26 0.00	35.81 -2.29 0.00	35.91 -2.62 0.00	39.37 -2.65 0.00	47.11 -4.21 0.02	65.07 -5.51 0.02	79.37 -6.66 1.64	76.43 -5.14 0.00	57.51 -5.51 0.36	48.83 -4.31 0.02	43.64 -3.64 0.00	41.74 -2.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.38 1.91 0.00	45.11 1.78 0.00	41.96 1.61 0.00	41.68 1.53 0.00	42.86 1.57 0.00	49.98 1.55 0.00	73.79 2.15 0.00	99.76 4.57 0.00	82.03 3.08 0.00	50.92 2.24 0.00	44.74 2.69 0.00	41.96 2.52 0.00	40.15 2.52 0.00	40.64 2.55 0.00	41.07 2.54 0.00	44.62 2.61 0.00	54.42 3.08 0.00	74.20 3.60 0.00	91.84 4.47 0.30	85.48 3.92 0.00	66.56 3.23 0.06	55.76 2.60 0.00	49.64 2.36 0.00	46.47 2.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.24 1.77 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.74 1.45 0.00	49.88 1.45 0.00	73.79 2.15 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.53 1.85 0.00	44.15 2.10 0.00	41.37 1.93 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.49 1.96 0.00	44.08 2.06 0.00	53.81 2.46 0.00	73.71 3.11 0.00	91.39 4.03 0.31	85.15 3.59 0.00	66.18 2.85 0.06	55.44 2.29 0.00	49.27 1.99 0.00	46.12 1.90 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.56 2.09 0.00	45.11 1.78 0.00	42.04 1.69 0.00	41.72 1.57 0.00	42.86 1.57 0.00	49.64 1.21 0.00	73.72 2.08 0.00	99.28 4.09 0.00	81.71 2.76 0.00	50.72 2.04 0.00	44.74 2.69 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.32 2.98 0.00	73.92 3.32 0.00	91.49 4.12 0.31	85.32 3.75 0.00	66.37 3.04 0.06	55.39 2.23 0.00	49.83 2.55 0.00	47.00 2.79 0.00

E179THST_13_KV_LOAD 356214	48.75 2.28 0.00	45.28 1.95 0.00	42.20 1.86 0.00	41.88 1.73 0.00	42.98 1.69 0.00	49.78 1.36 0.00	74.00 2.36 0.00	99.66 4.47 0.00	82.11 3.16 0.00	50.92 2.24 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.49 2.86 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.87 2.86 0.00	54.53 3.18 0.00	74.27 3.67 0.00	91.92 4.56 0.31	85.72 4.16 0.00	66.68 3.36 0.06	55.65 2.50 0.00	50.02 2.74 0.00	47.23 3.01 0.00
EAST HAMPTON___GT 23717	47.21 0.74 0.00	44.50 1.17 0.00	41.23 0.89 0.00	40.83 0.68 0.00	42.08 0.78 0.00	47.99 -0.44 0.01	69.90 -1.22 0.52	85.38 0.00 9.81	63.86 -0.87 14.22	48.52 -0.15 0.02	43.81 1.77 0.00	40.94 1.50 0.00	39.21 1.58 0.00	40.14 2.06 0.00	40.72 2.19 0.00	44.46 2.35 -0.09	52.37 1.03 0.00	70.74 0.14 0.00	87.18 -0.17 0.31	81.16 -0.41 0.00	63.07 -0.25 0.06	53.52 0.37 0.01	47.42 0.14 0.01	45.63 1.41 0.00
EAST RIVER___6 23660	48.24 1.77 0.00	44.94 1.60 0.00	41.84 1.49 0.00	41.56 1.40 0.00	42.74 1.44 0.00	49.83 1.41 0.00	73.58 1.94 0.00	99.66 4.47 0.00	81.95 3.00 0.00	51.02 2.34 0.00	44.86 2.82 0.00	42.12 2.68 0.00	40.23 2.59 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.75 2.73 0.00	54.53 3.18 0.00	74.06 3.46 0.00	91.66 4.29 0.30	85.15 3.58 0.00	66.18 2.86 0.06	55.71 2.55 0.00	49.55 2.27 0.00	46.39 2.17 0.00
EAST RIVER___7 23524	48.24 1.77 0.00	44.94 1.60 0.00	41.84 1.49 0.00	41.56 1.40 0.00	42.74 1.44 0.00	49.83 1.41 0.00	73.58 1.94 0.00	99.66 4.47 0.00	81.95 3.00 0.00	51.02 2.34 0.00	44.86 2.82 0.00	42.12 2.68 0.00	40.23 2.59 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.75 2.73 0.00	54.53 3.18 0.00	74.06 3.46 0.00	91.66 4.29 0.30	85.15 3.58 0.00	66.18 2.86 0.06	55.71 2.55 0.00	49.55 2.27 0.00	46.39 2.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.33 1.86 0.00	45.07 1.73 0.00	41.92 1.57 0.00	41.60 1.45 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.72 2.08 0.00	99.57 4.38 0.00	81.87 2.92 0.00	50.77 2.09 0.00	44.57 2.52 0.00	41.81 2.37 0.00	40.00 2.37 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.22 2.88 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.32 3.75 0.00	66.37 3.04 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
EAST_HAMPTON___DIESEL 23722	47.12 0.65 0.00	44.42 1.08 0.00	41.15 0.81 0.00	40.75 0.60 0.00	41.99 0.70 0.00	47.84 -0.58 0.01	69.76 -1.36 0.52	85.19 -0.19 9.81	63.70 -1.03 14.22	48.42 -0.24 0.02	43.68 1.64 0.00	40.82 1.38 0.00	39.10 1.47 0.00	40.07 1.98 0.00	40.64 2.12 0.00	44.37 2.27 -0.09	52.22 0.87 0.00	70.53 -0.07 0.00	86.92 -0.44 0.31	80.91 -0.66 0.00	62.89 -0.44 0.06	53.36 0.21 0.01	47.32 0.05 0.01	45.50 1.28 0.00
EAST_POINT___SOLAR 323840	48.33 1.86 0.00	45.07 1.74 0.00	41.92 1.57 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.80 2.37 0.00	75.87 4.23 0.00	101.37 6.18 0.00	81.24 2.29 0.00	47.85 -0.83 0.00	40.66 -1.39 0.00	38.14 -1.30 0.00	36.47 -1.17 0.00	37.06 -1.03 0.00	37.49 -1.04 0.00	40.97 -1.05 0.00	50.99 -0.36 0.00	72.79 2.19 0.00	91.55 4.21 0.33	85.24 3.67 0.00	66.05 2.72 0.07	55.60 2.45 0.00	49.08 1.80 0.00	45.68 1.46 0.00
EAST_PULASKI___ESR 323781	46.05 -0.42 0.00	43.03 -0.30 0.00	40.06 -0.28 0.00	39.83 -0.32 0.00	41.01 -0.29 0.00	48.19 -0.24 0.00	71.50 -0.14 0.00	95.50 0.10 -0.21	78.71 -0.24 0.00	48.19 -0.49 0.00	41.50 -0.55 0.00	38.89 -0.55 0.00	37.03 -0.60 0.00	37.48 -0.61 0.00	37.83 -0.69 0.00	41.39 -0.63 0.00	50.52 -0.82 0.00	69.68 -0.92 0.00	87.26 -0.79 -0.38	81.24 -0.32 0.00	63.08 -0.38 -0.08	52.84 -0.32 0.00	46.95 -0.33 0.00	43.86 -0.36 0.00
EAST_RIVER___1 323558	48.56 2.09 0.00	45.29 1.95 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.07 1.77 0.00	50.22 1.79 0.00	74.15 2.51 0.00	100.33 5.14 0.00	82.50 3.56 0.00	51.31 2.63 0.00	45.08 3.03 0.00	42.28 2.84 0.00	40.42 2.78 0.00	40.95 2.86 0.00	41.42 2.89 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.72 4.16 0.00	66.56 3.23 0.06	56.02 2.87 0.00	49.88 2.60 0.00	46.69 2.47 0.00
EAST_RIVER___2 323559	48.24 1.77 0.00	44.94 1.60 0.00	41.84 1.49 0.00	41.56 1.40 0.00	42.74 1.44 0.00	49.83 1.41 0.00	73.58 1.94 0.00	99.66 4.47 0.00	81.95 3.00 0.00	51.02 2.34 0.00	44.86 2.82 0.00	42.12 2.68 0.00	40.23 2.59 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.75 2.73 0.00	54.53 3.18 0.00	74.06 3.46 0.00	91.66 4.29 0.30	85.15 3.58 0.00	66.18 2.86 0.06	55.71 2.55 0.00	49.55 2.27 0.00	46.39 2.17 0.00
EAST___DELAWARE_HYD 23607	48.51 2.04 0.00	45.24 1.90 0.00	42.08 1.73 0.00	41.80 1.65 0.00	43.07 1.77 0.00	50.32 1.89 0.00	74.65 3.01 0.00	100.42 5.23 0.00	82.58 3.63 0.00	50.72 2.04 0.00	44.15 2.10 0.00	41.33 1.89 0.00	39.40 1.77 0.00	39.92 1.83 0.00	40.37 1.85 0.00	43.99 1.98 0.00	53.91 2.57 0.00	74.06 3.46 0.00	92.00 4.64 0.32	85.80 4.24 0.00	66.43 3.11 0.06	55.76 2.60 0.00	49.55 2.27 0.00	46.34 2.12 0.00
EIGHT_POINT___WT_PWR 323820	45.22 -1.25 0.00	42.12 -1.21 0.00	39.38 -0.97 0.00	39.35 -0.80 0.00	40.01 -1.28 0.00	46.59 -1.84 0.00	67.77 -3.87 0.00	90.34 -4.85 0.00	75.08 -3.87 0.00	46.05 -2.63 0.00	40.11 -1.93 0.00	37.31 -2.13 0.00	35.79 -1.84 0.00	36.03 -2.06 0.00	35.90 -2.62 0.00	39.62 -2.39 0.00	47.43 -3.85 0.06	65.74 -4.80 0.06	80.57 -5.52 1.58	78.38 -3.18 0.00	58.73 -4.25 0.41	49.54 -3.56 0.06	44.49 -2.79 0.00	42.01 -2.21 0.00
ELBRIDGE_115KV_TB2 80188	45.82 -0.65 0.00	42.68 -0.65 0.00	39.78 -0.56 0.00	39.59 -0.56 0.00	40.72 -0.58 0.00	47.70 -0.73 0.00	70.71 -0.93 0.00	94.45 -0.86 -0.11	78.00 -0.95 0.00	47.95 -0.73 0.00	41.37 -0.67 0.00	38.77 -0.67 0.00	36.96 -0.68 0.00	37.41 -0.69 0.00	37.79 -0.73 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.33 -1.27 0.00	85.45 -1.32 0.90	80.59 -0.98 0.00	62.19 -1.01 0.18	52.31 -0.85 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00
ELEC_TRO_TEK 24086	48.19 1.72 0.00	45.24 1.91 0.00	41.88 1.53 0.00	41.52 1.37 0.00	42.78 1.49 0.00	49.30 0.87 0.00	72.66 1.15 0.13	96.00 3.14 2.33	77.52 1.89 3.32	50.18 1.51 0.01	44.97 2.90 -0.02	41.96 2.52 0.00	40.27 2.63 0.00	40.97 2.86 -0.02	41.43 2.89 -0.02	45.89 3.07 -0.81	53.86 2.52 0.00	73.42 2.82 0.00	90.78 3.42 0.31	84.75 3.18 0.00	65.86 2.54 0.06	55.14 1.97 -0.01	49.00 1.70 -0.01	46.18 1.95 -0.02
ELLENBURG_WT_PWR 323604	46.98 0.51 0.00	43.90 0.56 0.00	40.83 0.49 0.00	40.67 0.52 0.00	41.87 0.58 0.00	48.96 0.53 0.00	72.07 0.43 0.00	94.53 -0.66 0.00	79.34 0.40 0.00	49.12 0.44 0.00	42.22 0.17 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.10 0.08 0.00	51.24 -0.10 0.00	70.53 -0.07 0.00	87.41 -0.26 0.00	81.48 -0.08 0.00	63.20 -0.19 0.00	53.16 0.00 0.00	47.75 0.47 0.00	44.62 0.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.94 -1.53 0.00	41.38 -1.95 0.00	38.81 -1.53 0.00	38.95 -1.20 0.00	39.56 -1.73 0.00	45.77 -2.66 0.00	65.77 -5.87 0.00	87.38 -7.81 0.00	72.71 -6.24 0.00	45.42 -3.26 0.00	39.52 -2.52 0.00	36.72 -2.72 0.00	35.07 -2.56 0.00	35.50 -2.59 0.00	35.60 -2.93 0.00	39.08 -2.94 0.00	46.49 -4.83 0.02	63.94 -6.64 0.02	77.96 -8.07 1.65	75.45 -6.12 0.00	56.37 -6.66 0.36	48.08 -5.05 0.02	43.36 -3.92 0.00	41.52 -2.70 0.00
EMPIRE_CC_1 323656	46.66 0.19 0.00	43.42 0.09 0.00	40.51 0.16 0.00	40.31 0.16 0.00	41.46 0.17 0.00	48.72 0.29 0.00	71.86 0.22 0.00	96.04 0.85 0.00	78.56 -0.39 0.00	48.63 -0.05 0.00	41.80 -0.25 0.00	39.28 -0.16 0.00	37.52 -0.11 0.00	38.05 -0.04 0.00	38.53 0.00 0.00	41.89 -0.13 0.00	51.71 0.36 0.00	71.16 0.56 0.00	88.46 0.79 0.00	81.40 -0.16 0.00	63.96 0.57 0.00	53.53 0.37 0.00	47.23 -0.05 0.00	44.00 -0.22 0.00
EMPIRE_CC_2 323658	46.66 0.19 0.00	43.42 0.09 0.00	40.51 0.16 0.00	40.31 0.16 0.00	41.46 0.17 0.00	48.72 0.29 0.00	71.86 0.22 0.00	96.04 0.85 0.00	78.56 -0.39 0.00	48.63 -0.05 0.00	41.80 -0.25 0.00	39.28 -0.16 0.00	37.52 -0.11 0.00	38.05 -0.04 0.00	38.53 0.00 0.00	41.89 -0.13 0.00	51.71 0.36 0.00	71.16 0.56 0.00	88.46 0.79 0.00	81.40 -0.16 0.00	63.96 0.57 0.00	53.53 0.37 0.00	47.23 -0.05 0.00	44.00 -0.22 0.00
ENORWICH_115KV_TB1 80156	49.03 2.56 0.00	45.76 2.43 0.00	42.60 2.26 0.00	42.32 2.17 0.00	43.61 2.31 0.00	51.43 3.00 0.00	76.87 5.23 0.00	103.57 8.38 0.00	84.40 5.45 0.00	50.77 2.09 0.00	43.64 1.60 0.00	40.62 1.18 0.00	38.46 0.83 0.00	39.01 0.91 0.00	39.26 0.73 0.00	43.36 1.34 0.00	53.53 2.16 -0.03	74.44 3.81 -0.03	91.96 5.52 1.24	87.44 5.87 0.00	67.24 4.06 0.20	56.48 3.30 -0.03	49.69 2.41 0.00	46.61 2.39 0.00
ERIE_ST__34_KV_TB1-2 80199	44.84 -1.63 0.00	41.34 -1.99 0.00	38.77 -1.57 0.00	38.91 -1.24 0.00	39.52 -1.78 0.00	45.72 -2.71 0.00	66.05 -5.59 0.00	88.05 -7.14 0.00	73.11 -5.84 0.00	45.51 -3.16 0.00	39.65 -2.40 0.00	36.76 -2.68 0.00	35.07 -2.56 0.00	35.58 -2.51 0.00	35.67 -2.85 0.00	39.12 -2.90 0.00	47.16 -4.16 0.02	65.77 -4.80 0.02	79.98 -6.05 1.64	75.94 -5.63 0.00	58.59 -4.44 0.36	49.57 -3.56 0.02	43.45 -3.83 0.00	41.52 -2.70 0.00
ERIE_WT_PWR 323693	44.84 -1.63 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.77 -1.53 0.00	46.11 -2.32 0.00	65.98 -5.66 0.00	87.77 -7.42 0.00	73.50 -5.45 0.00	45.81 -2.87 0.00	39.90 -2.14 0.00	37.07 -2.37 0.00	35.79 -1.84 0.00	35.96 -2.13 0.00	35.71 -2.81 0.00	39.41 -2.61 0.00	46.75 -4.57 0.02	64.43 -6.14 0.02	78.49 -7.54 1.64	76.75 -4.81 0.00	57.32 -5.70 0.36	48.51 -4.62 0.02	43.78 -3.50 0.00	41.87 -2.34 0.00
ESPRGFLD_115KV_TB1 80157	47.59 1.12 0.00	44.37 1.04 0.00	41.27 0.93 0.00	41.08 0.92 0.00	42.33 1.03 0.00	49.79 1.36 0.00	74.22 2.58 0.00	99.47 4.28 0.00	81.00 2.05 0.00	48.92 0.24 0.00	42.13 0.08 0.00	39.40 -0.04 0.00	37.52 -0.11 0.00	38.02 -0.08 0.00	38.41 -0.12 0.00	42.10 0.08 0.00	51.81 0.46 0.00	72.22 1.62 0.00	89.82 2.63 0.48	84.09 2.53 0.00	65.13 1.84 0.10	54.75 1.59 0.00	48.41 1.13 0.00	45.19 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.98 0.51 0.00	43.77 0.43 0.00	40.75 0.40 0.00	40.55 0.40 0.00	41.71 0.41 0.00	48.96 0.53 0.00	72.65 1.00 0.00	97.19 2.00 0.00	80.05 1.11 0.00	48.97 0.29 0.00	42.21 0.17 0.00	39.48 0.04 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.62 0.21 -0.07	71.23 0.56 -0.07	87.40 1.14 1.42	82.95 1.39 0.00	63.97 0.76 0.18	53.86 0.64 -0.07	47.71 0.43 0.00	44.62 0.40 0.00
ETNA____115KV_TB2 80207	46.98 0.51 0.00	43.77 0.43 0.00	40.75 0.40 0.00	40.55 0.40 0.00	41.71 0.41 0.00	48.96 0.53 0.00	72.65 1.00 0.00	97.19 2.00 0.00	80.05 1.11 0.00	48.97 0.29 0.00	42.21 0.17 0.00	39.48 0.04 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.62 0.21 -0.07	71.23 0.56 -0.07	87.40 1.14 1.42	82.95 1.39 0.00	63.97 0.76 0.18	53.86 0.64 -0.07	47.71 0.43 0.00	44.62 0.40 0.00
EUCLID___115KV_TB2 356179	45.63 -0.84 0.00	42.47 -0.87 0.00	39.58 -0.77 0.00	39.39 -0.76 0.00	40.47 -0.83 0.00	47.46 -0.97 0.00	70.28 -1.36 0.00	93.81 -1.43 -0.05	77.53 -1.42 0.00	47.75 -0.92 0.00	41.21 -0.84 0.00	38.61 -0.83 0.00	36.80 -0.83 0.00	37.25 -0.84 0.00	37.64 -0.89 0.00	41.09 -0.92 0.00	50.21 -1.13 0.00	68.98 -1.62 0.00	84.51 -1.75 1.40	80.18 -1.39 0.00	61.71 -1.39 0.28	51.99 -1.17 0.00	46.29 -0.99 0.00	43.29 -0.93 0.00
E_CANADA_CAP_HY 24051	47.58 1.11 0.00	44.42 1.08 0.00	41.31 0.97 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.98 1.55 0.00	74.58 2.94 0.00	99.66 4.47 0.00	80.53 1.58 0.00	48.19 -0.49 0.00	41.16 -0.88 0.00	38.49 -0.95 0.00	36.69 -0.94 0.00	37.29 -0.80 0.00	37.76 -0.77 0.00	41.39 -0.63 0.00	51.14 -0.20 0.00	71.94 1.34 0.00	89.85 2.54 0.37	83.77 2.20 0.00	64.96 1.65 0.07	54.75 1.59 0.00	48.37 1.09 0.00	45.06 0.84 0.00
E_CANADA_MHWK_HY 24050	48.14 1.67 0.00	44.98 1.65 0.00	41.88 1.53 0.00	41.64 1.49 0.00	42.86 1.57 0.00	50.22 1.79 0.00	74.36 2.72 0.00	99.09 3.90 0.00	81.79 2.84 0.00	50.38 1.70 0.00	43.68 1.64 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.50 1.41 0.00	39.87 1.35 0.00	43.57 1.56 0.00	53.24 1.90 0.00	73.21 2.61 0.00	90.92 3.25 0.00	84.50 2.93 0.00	65.60 2.22 0.00	55.07 1.91 0.00	48.89 1.61 0.00	45.77 1.55 0.00
E_FISHKILL___LBMP 23776	48.00 1.53 0.00	44.72 1.39 0.00	41.63 1.29 0.00	41.36 1.20 0.00	42.53 1.24 0.00	49.64 1.21 0.00	73.29 1.65 0.00	98.81 3.62 0.00	81.32 2.37 0.00	50.43 1.75 0.00	44.15 2.10 0.00	41.41 1.97 0.00	39.59 1.96 0.00	40.11 2.02 0.00	40.53 2.00 0.00	44.08 2.06 0.00	53.76 2.41 0.00	73.42 2.82 0.00	90.88 3.51 0.30	84.58 3.02 0.00	65.86 2.54 0.06	55.23 2.07 0.00	49.12 1.84 0.00	45.99 1.77 0.00
FALCON___SEABRD_CC1 323796	47.26 0.79 0.00	44.15 0.82 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.12 0.83 0.00	48.96 0.53 0.00	71.43 -0.21 0.00	93.57 -1.62 0.00	78.63 -0.31 0.00	49.07 0.39 0.00	42.13 0.08 0.00	39.56 0.12 0.00	37.71 0.08 0.00	38.02 -0.08 0.00	38.60 0.08 0.00	42.02 0.00 0.00	50.88 -0.46 0.00	69.83 -0.78 0.00	86.53 -1.14 0.00	80.67 -0.90 0.00	62.56 -0.83 0.00	52.84 -0.32 0.00	47.99 0.71 0.00	44.84 0.62 0.00
FALCON___SEABRD_CC2 323797	47.26 0.79 0.00	44.15 0.82 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.12 0.83 0.00	48.96 0.53 0.00	71.43 -0.21 0.00	93.57 -1.62 0.00	78.63 -0.31 0.00	49.07 0.39 0.00	42.13 0.08 0.00	39.56 0.12 0.00	37.71 0.08 0.00	38.02 -0.08 0.00	38.60 0.08 0.00	42.02 0.00 0.00	50.88 -0.46 0.00	69.83 -0.78 0.00	86.53 -1.14 0.00	80.67 -0.90 0.00	62.56 -0.83 0.00	52.84 -0.32 0.00	47.99 0.71 0.00	44.84 0.62 0.00

FAR ROCKAWAY___4 23548	48.93 2.46 0.00	45.98 2.64 0.00	42.52 2.18 0.00	42.12 1.97 0.00	43.40 2.11 0.00	49.98 1.55 0.00	73.66 2.08 0.06	98.61 4.38 0.96	80.46 2.92 1.41	50.81 2.14 0.01	45.67 3.57 -0.05	42.55 3.12 0.00	40.83 3.20 0.00	41.61 3.47 -0.05	42.05 3.47 -0.05	47.32 3.74 -1.56	54.68 3.34 0.00	74.55 3.95 0.00	92.27 4.91 0.31	86.22 4.65 0.00	66.94 3.61 0.06	56.06 2.87 -0.04	49.73 2.41 -0.04	46.88 2.61 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.66 2.18 0.00	45.33 1.99 0.00	42.20 1.86 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.27 1.84 0.00	74.15 2.51 0.00	100.43 5.24 0.00	82.58 3.63 0.00	51.36 2.68 0.00	45.12 3.07 0.00	42.32 2.88 0.00	40.49 2.86 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.00 2.98 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.36 5.00 0.30	85.97 4.40 0.00	66.94 3.61 0.06	56.13 2.98 0.00	49.98 2.69 0.00	46.83 2.61 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.70 2.23 0.00	45.37 2.04 0.00	42.20 1.86 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.27 1.84 0.00	74.15 2.51 0.00	100.43 5.24 0.00	82.58 3.63 0.00	51.36 2.68 0.00	45.12 3.07 0.00	42.36 2.92 0.00	40.49 2.86 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.00 2.98 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.45 5.08 0.30	86.05 4.49 0.00	66.94 3.61 0.06	56.13 2.98 0.00	50.02 2.74 0.00	46.83 2.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.22 1.79 0.00	74.15 2.51 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.31 2.63 0.00	45.07 3.03 0.00	42.32 2.88 0.00	40.49 2.86 0.00	40.99 2.89 0.00	41.41 2.89 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.62 4.02 0.00	92.36 5.00 0.30	85.97 4.40 0.00	66.88 3.55 0.06	56.08 2.92 0.00	49.98 2.69 0.00	46.78 2.56 0.00
FARRAGUT___LBMP 323566	48.61 2.14 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.84 1.69 0.00	43.03 1.73 0.00	50.17 1.74 0.00	74.08 2.44 0.00	100.24 5.05 0.00	82.50 3.55 0.00	51.26 2.58 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.55 3.95 0.00	92.28 4.91 0.30	85.89 4.32 0.00	66.81 3.49 0.06	56.08 2.92 0.00	49.93 2.65 0.00	46.74 2.52 0.00
FENNER___WINDPWR 24204	47.26 0.79 0.00	44.15 0.82 0.00	41.07 0.73 0.00	40.83 0.68 0.00	42.08 0.78 0.00	49.45 1.02 0.00	73.50 1.86 0.00	98.14 2.95 0.00	80.92 1.97 0.00	49.41 0.73 0.00	42.63 0.59 0.00	39.87 0.43 0.00	37.97 0.34 0.00	38.47 0.38 0.00	38.80 0.27 0.00	42.48 0.46 0.00	52.02 0.67 -0.01	71.74 1.13 -0.01	88.32 1.75 1.11	83.61 2.04 0.00	64.52 1.33 0.20	54.34 1.17 -0.01	48.13 0.85 0.00	45.02 0.80 0.00
FIBERTEK___ENERGY 23856	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
FITZPATRICK___ 23598	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.88 -1.55 0.00	69.35 -2.30 0.00	91.41 -2.85 0.93	76.50 -2.45 0.00	47.12 -1.56 0.00	40.66 -1.39 0.00	38.14 -1.30 0.00	36.39 -1.24 0.00	36.80 -1.30 0.00	37.18 -1.35 0.00	40.59 -1.43 0.00	49.60 -1.75 0.00	68.20 -2.40 0.00	84.78 -2.89 0.00	79.12 -2.44 0.00	61.36 -2.03 0.00	51.40 -1.75 0.00	45.72 -1.56 0.00	42.76 -1.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.47 2.00 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.72 1.57 0.00	42.99 1.69 0.00	50.17 1.74 0.00	74.22 2.58 0.00	100.14 4.95 0.00	82.34 3.39 0.00	50.77 2.09 0.00	44.32 2.27 0.00	41.53 2.09 0.00	39.66 2.03 0.00	40.15 2.06 0.00	40.61 2.08 0.00	44.20 2.18 0.00	54.06 2.72 0.00	74.20 3.60 0.00	92.02 4.65 0.30	85.64 4.08 0.00	66.56 3.23 0.06	55.71 2.55 0.00	49.50 2.22 0.00	46.30 2.08 0.00
FORT ORANGE___ 23900	46.61 0.14 0.00	43.42 0.09 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.42 0.12 0.00	48.62 0.19 0.00	71.93 0.29 0.00	96.24 1.05 0.00	78.87 -0.08 0.00	48.53 -0.15 0.00	41.88 -0.17 0.00	39.32 -0.12 0.00	37.56 -0.08 0.00	38.09 0.00 0.00	38.56 0.04 0.00	42.02 0.00 0.00	51.60 0.26 0.00	71.16 0.56 0.00	88.55 0.88 0.00	81.73 0.16 0.00	63.89 0.50 0.00	53.53 0.37 0.00	47.28 0.00 0.00	44.13 -0.09 0.00
FORT_DRUM_COGEN 23780	47.87 1.39 0.00	44.98 1.65 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.78 1.49 0.00	50.51 2.08 0.00	75.58 3.94 0.00	100.90 5.62 -0.10	82.58 3.63 0.00	49.80 1.12 0.00	42.68 0.63 0.00	39.91 0.47 0.00	37.93 0.30 0.00	38.40 0.30 0.00	38.68 0.15 0.00	42.56 0.55 0.00	51.91 0.56 0.00	72.01 1.41 0.00	90.21 2.54 0.00	84.91 3.34 0.00	65.67 2.28 0.00	55.55 2.39 0.00	49.03 1.75 0.00	45.81 1.59 0.00
FOX_HILLS___ESR 323835	48.99 2.51 -0.01	45.55 2.21 -0.01	42.45 2.10 -0.01	42.17 2.01 -0.01	43.28 1.98 -0.01	50.23 1.79 -0.01	74.09 2.44 -0.01	100.25 5.05 -0.01	82.42 3.47 0.00	51.06 2.39 0.00	45.07 3.03 0.00	42.36 2.92 0.00	40.57 2.94 0.00	41.06 2.97 0.00	41.53 3.00 0.00	45.04 3.03 0.00	54.83 3.49 0.00	74.57 3.95 -0.01	92.29 4.91 0.29	85.90 4.32 -0.01	66.89 3.55 0.05	56.04 2.87 -0.01	50.27 2.98 -0.01	47.31 3.10 0.00
FPL_FAR_ROCK_GT1 24212	48.56 2.09 0.00	45.67 2.34 0.00	42.40 2.06 0.00	42.08 1.93 0.00	43.36 2.06 0.00	49.98 1.55 0.00	73.73 2.15 0.06	98.70 4.47 0.96	80.37 2.84 1.41	50.67 2.00 0.01	45.55 3.45 -0.05	42.40 2.96 0.00	40.57 2.94 0.00	41.46 3.31 -0.05	41.97 3.39 -0.05	47.28 3.70 -1.56	54.42 3.08 0.00	74.20 3.60 0.00	92.00 4.64 0.31	85.64 4.08 0.00	66.49 3.17 0.06	55.95 2.76 -0.04	49.68 2.36 -0.04	46.84 2.56 -0.05
FPL_FAR_ROCK_GT2 23815	48.56 2.09 0.00	45.67 2.34 0.00	42.40 2.06 0.00	42.08 1.93 0.00	43.36 2.06 0.00	49.98 1.55 0.00	73.73 2.15 0.06	98.70 4.47 0.96	80.37 2.84 1.41	50.67 2.00 0.01	45.55 3.45 -0.05	42.40 2.96 0.00	40.57 2.94 0.00	41.46 3.31 -0.05	41.97 3.39 -0.05	47.28 3.70 -1.56	54.42 3.08 0.00	74.20 3.60 0.00	92.00 4.64 0.31	85.64 4.08 0.00	66.49 3.17 0.06	55.95 2.76 -0.04	49.68 2.36 -0.04	46.84 2.56 -0.05
FRANKLIN_FALL_HYD 24054	47.82 1.35 0.00	44.76 1.43 0.00	41.59 1.25 0.00	41.44 1.28 0.00	42.66 1.36 0.00	50.03 1.60 0.00	74.01 2.36 0.00	96.62 1.43 0.00	81.40 2.45 0.00	50.04 1.36 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.66 0.57 0.00	39.14 0.62 0.00	42.73 0.71 0.00	51.96 0.62 0.00	71.87 1.27 0.00	88.99 1.32 0.00	83.12 1.55 0.00	64.46 1.08 0.00	54.22 1.06 0.00	48.60 1.32 0.00	45.41 1.19 0.00



FREEPORT_EQUS_GT1 23764	48.00 1.53 0.00	45.15 1.82 0.00	41.96 1.62 0.00	41.60 1.44 0.00	42.86 1.57 0.00	49.39 0.97 0.00	72.58 1.22 0.28	92.99 3.24 5.44	73.29 1.89 7.55	50.08 1.41 0.01	44.96 2.90 -0.02	41.93 2.49 0.00	40.12 2.48 0.00	40.97 2.86 -0.02	41.51 2.97 -0.02	45.88 3.19 -0.67	53.81 2.46 0.00	73.35 2.75 0.00	90.87 3.51 0.31	84.50 2.93 0.00	65.67 2.35 0.06	55.24 2.07 -0.01	49.04 1.75 -0.01	46.32 2.08 -0.02
FREEPORT___CT2 23818	48.00 1.53 0.00	45.15 1.82 0.00	41.96 1.62 0.00	41.60 1.44 0.00	42.86 1.57 0.00	49.39 0.97 0.00	72.58 1.22 0.28	92.99 3.24 5.44	73.29 1.89 7.55	50.08 1.41 0.01	44.96 2.90 -0.02	41.93 2.49 0.00	40.12 2.48 0.00	40.97 2.86 -0.02	41.51 2.97 -0.02	45.88 3.19 -0.67	53.81 2.46 0.00	73.35 2.75 0.00	90.87 3.51 0.31	84.50 2.93 0.00	65.67 2.35 0.06	55.24 2.07 -0.01	49.04 1.75 -0.01	46.32 2.08 -0.02
FRESHKLS_33_KV_LOAD 356253	49.22 2.74 -0.01	45.73 2.38 -0.01	42.65 2.30 -0.01	42.37 2.21 -0.01	43.49 2.19 -0.01	50.47 2.03 -0.01	74.45 2.79 -0.01	100.72 5.52 -0.01	82.74 3.79 0.00	51.26 2.58 0.00	45.24 3.20 0.00	42.48 3.04 0.00	40.72 3.09 0.00	41.22 3.12 0.00	41.68 3.16 0.00	45.21 3.19 0.00	55.09 3.75 0.00	74.99 4.38 -0.01	92.82 5.44 0.29	86.39 4.81 -0.01	67.21 3.87 0.05	56.30 3.14 -0.01	50.50 3.22 -0.01	47.54 3.32 0.00
FULTON COGEN____ 23766	45.54 -0.93 0.00	42.42 -0.91 0.00	39.54 -0.81 0.00	39.35 -0.80 0.00	40.47 -0.83 0.00	47.46 -0.97 0.00	70.35 -1.29 0.00	94.01 -1.43 -0.25	77.53 -1.42 0.00	47.71 -0.97 0.00	41.16 -0.88 0.00	38.57 -0.87 0.00	36.77 -0.87 0.00	37.22 -0.88 0.00	37.60 -0.92 0.00	41.05 -0.97 0.00	50.16 -1.18 0.00	68.98 -1.62 0.00	86.54 -1.75 -0.62	80.18 -1.39 0.00	62.18 -1.33 -0.12	52.04 -1.12 0.00	46.29 -0.99 0.00	43.29 -0.93 0.00
FULTON___LFGE 323630	48.10 1.63 0.00	44.89 1.56 0.00	41.76 1.41 0.00	41.60 1.44 0.00	42.82 1.53 0.00	50.51 2.08 0.00	75.29 3.65 0.00	100.61 5.42 0.00	81.40 2.45 0.00	48.63 -0.05 0.00	41.42 -0.63 0.00	38.65 -0.79 0.00	36.84 -0.79 0.00	37.44 -0.65 0.00	37.99 -0.54 0.00	41.77 -0.25 0.00	51.80 0.46 0.00	72.93 2.33 0.00	91.03 3.68 0.32	84.74 3.18 0.00	65.73 2.41 0.06	55.34 2.18 0.00	48.89 1.61 0.00	45.50 1.28 0.00
G.F.CEMENT___DRP 24184	47.82 1.35 0.00	44.72 1.39 0.00	41.63 1.29 0.00	41.48 1.33 0.00	42.66 1.36 0.00	50.03 1.60 0.00	74.15 2.51 0.00	99.19 4.00 0.00	81.24 2.29 0.00	49.41 0.73 0.00	42.38 0.34 0.00	39.64 0.20 0.00	37.82 0.19 0.00	38.43 0.34 0.00	38.91 0.39 0.00	42.52 0.50 0.00	52.37 1.03 0.00	72.79 2.19 0.00	90.83 3.16 0.00	83.85 2.28 0.00	65.48 2.09 0.00	54.80 1.65 0.00	48.41 1.13 0.00	45.10 0.88 0.00
GARDENVILLE___LBMP 24039	44.94 -1.53 0.00	41.43 -1.91 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.91 -5.73 0.00	87.67 -7.52 0.00	72.87 -6.08 0.00	45.37 -3.31 0.00	39.48 -2.56 0.00	36.68 -2.76 0.00	35.00 -2.63 0.00	35.46 -2.63 0.00	35.56 -2.97 0.00	38.99 -3.03 0.00	46.59 -4.72 0.03	64.29 -6.28 0.03	78.41 -7.63 1.63	75.53 -6.04 0.00	56.87 -6.15 0.37	48.40 -4.73 0.03	43.40 -3.88 0.00	41.57 -2.65 0.00
GARDNVLA_35_KV_LD 355827	45.17 -1.30 0.00	41.64 -1.69 0.00	39.05 -1.29 0.00	39.19 -0.96 0.00	39.77 -1.53 0.00	46.06 -2.37 0.00	66.41 -5.23 0.00	88.34 -6.85 0.00	73.50 -5.45 0.00	45.81 -2.87 0.00	39.86 -2.19 0.00	36.99 -2.45 0.00	35.30 -2.33 0.00	35.77 -2.32 0.00	35.87 -2.66 0.00	39.33 -2.69 0.00	47.06 -4.26 0.02	64.93 -5.65 0.02	79.10 -6.93 1.64	76.26 -5.30 0.00	57.39 -5.64 0.36	48.88 -4.25 0.02	43.73 -3.55 0.00	41.83 -2.39 0.00
GELCKHM___115KV_LOAD 80723	45.82 -0.65 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.55 -0.60 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.64 -1.00 0.00	94.32 -0.95 -0.08	77.92 -1.03 0.00	47.95 -0.73 0.00	41.37 -0.67 0.00	38.77 -0.67 0.00	36.96 -0.68 0.00	37.41 -0.69 0.00	37.79 -0.73 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.26 -1.34 0.00	85.08 -1.40 1.19	80.51 -1.06 0.00	62.01 -1.14 0.24	52.25 -0.90 0.00	46.48 -0.80 0.00	43.47 -0.75 0.00
GENERAL___MILLS 23808	45.03 -1.44 0.00	41.51 -1.82 0.00	38.93 -1.41 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.91 -2.52 0.00	66.13 -5.52 0.00	87.96 -7.23 0.00	73.11 -5.84 0.00	45.56 -3.12 0.00	39.65 -2.40 0.00	36.84 -2.60 0.00	35.15 -2.48 0.00	35.62 -2.48 0.00	35.71 -2.81 0.00	39.16 -2.86 0.00	46.80 -4.52 0.02	64.65 -5.93 0.02	78.75 -7.28 1.64	75.86 -5.71 0.00	57.13 -5.90 0.36	48.67 -4.47 0.02	43.55 -3.74 0.00	41.65 -2.56 0.00
GE_PLASTICS___DRP 24183	46.61 0.14 0.00	43.46 0.13 0.00	40.46 0.12 0.00	40.31 0.16 0.00	41.42 0.12 0.00	48.62 0.19 0.00	71.86 0.21 0.00	96.05 0.86 0.00	79.03 0.08 0.00	48.73 0.05 0.00	42.09 0.04 0.00	39.56 0.12 0.00	37.78 0.15 0.00	38.28 0.19 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.70 0.36 0.00	71.17 0.56 0.00	88.46 0.79 0.00	81.81 0.24 0.00	63.96 0.57 0.00	53.58 0.43 0.00	47.37 0.09 0.00	44.26 0.04 0.00
GILBOA___1 23756	47.17 0.70 0.00	43.94 0.61 0.00	40.91 0.56 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.06 0.63 0.00	72.51 0.86 0.00	97.09 1.90 0.00	79.90 0.95 0.00	49.36 0.68 0.00	42.76 0.71 0.00	40.11 0.67 0.00	38.31 0.68 0.00	38.81 0.72 0.00	39.22 0.69 0.00	42.73 0.71 0.00	52.32 0.97 0.00	71.66 1.06 0.00	88.53 1.23 0.37	82.38 0.82 0.00	64.39 1.08 0.07	54.06 0.90 0.00	47.99 0.71 0.00	44.88 0.66 0.00
GILBOA___2 23757	47.17 0.70 0.00	43.94 0.61 0.00	40.91 0.56 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.06 0.63 0.00	72.51 0.86 0.00	97.09 1.90 0.00	79.90 0.95 0.00	49.36 0.68 0.00	42.76 0.71 0.00	40.11 0.67 0.00	38.31 0.68 0.00	38.81 0.72 0.00	39.22 0.69 0.00	42.73 0.71 0.00	52.32 0.97 0.00	71.66 1.06 0.00	88.53 1.23 0.37	82.38 0.82 0.00	64.39 1.08 0.07	54.06 0.90 0.00	47.99 0.71 0.00	44.88 0.66 0.00
GILBOA___3 23758	47.17 0.70 0.00	43.94 0.61 0.00	40.91 0.56 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.06 0.63 0.00	72.51 0.86 0.00	97.09 1.90 0.00	79.90 0.95 0.00	49.36 0.68 0.00	42.76 0.71 0.00	40.11 0.67 0.00	38.31 0.68 0.00	38.81 0.72 0.00	39.22 0.69 0.00	42.73 0.71 0.00	52.32 0.97 0.00	71.66 1.06 0.00	88.53 1.23 0.37	82.38 0.82 0.00	64.39 1.08 0.07	54.06 0.90 0.00	47.99 0.71 0.00	44.88 0.66 0.00
GILBOA___4 23759	47.17 0.70 0.00	43.94 0.61 0.00	40.91 0.56 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.06 0.63 0.00	72.51 0.86 0.00	97.09 1.90 0.00	79.90 0.95 0.00	49.36 0.68 0.00	42.76 0.71 0.00	40.11 0.67 0.00	38.31 0.68 0.00	38.81 0.72 0.00	39.22 0.69 0.00	42.73 0.71 0.00	52.32 0.97 0.00	71.66 1.06 0.00	88.53 1.23 0.37	82.38 0.82 0.00	64.39 1.08 0.07	54.06 0.90 0.00	47.99 0.71 0.00	44.88 0.66 0.00

GILBOA____ 23599	47.12 0.65 0.00	43.94 0.61 0.00	40.91 0.56 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.06 0.63 0.00	72.50 0.86 0.00	97.09 1.90 0.00	79.97 1.03 0.00	49.36 0.68 0.00	42.80 0.76 0.00	40.15 0.71 0.00	38.35 0.72 0.00	38.82 0.72 0.00	39.26 0.73 0.00	42.77 0.76 0.00	52.32 0.98 0.00	71.73 1.13 0.00	88.62 1.32 0.37	82.54 0.98 0.00	64.52 1.20 0.07	54.11 0.96 0.00	47.99 0.71 0.00	44.88 0.66 0.00
GINNA____ 23603	43.63 -2.84 0.00	40.60 -2.73 0.00	37.84 -2.50 0.00	37.70 -2.45 0.00	38.65 -2.64 0.00	45.13 -3.29 0.00	66.63 -5.02 0.00	88.93 -6.29 -0.02	73.89 -5.05 0.00	45.46 -3.21 0.00	39.15 -2.90 0.00	36.72 -2.72 0.00	35.07 -2.56 0.00	35.39 -2.70 0.00	35.52 -3.01 0.00	38.95 -3.07 0.00	47.33 -4.00 0.01	65.29 -5.30 0.01	79.73 -6.31 1.63	76.75 -4.81 0.00	58.35 -4.69 0.34	49.00 -4.15 0.01	43.83 -3.45 0.00	41.17 -3.05 0.00
GLEN PARK____ 23778	48.05 1.58 0.00	45.15 1.82 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.95 1.65 0.00	50.75 2.32 0.00	75.94 4.30 0.00	101.48 6.18 -0.10	82.97 4.02 0.00	49.90 1.22 0.00	42.80 0.76 0.00	39.99 0.55 0.00	38.01 0.38 0.00	38.47 0.38 0.00	38.72 0.19 0.00	42.69 0.67 0.00	52.11 0.77 0.00	72.37 1.77 0.00	90.82 3.15 0.00	85.56 4.00 0.00	66.11 2.72 0.00	55.86 2.71 0.00	49.27 1.99 0.00	45.99 1.77 0.00
GLENDALE_27_KV_LOAD 356172	48.75 2.28 0.00	45.37 2.04 0.00	42.24 1.90 0.00	41.96 1.81 0.00	43.11 1.82 0.00	50.07 1.65 0.00	73.86 2.22 0.00	99.95 4.76 0.00	82.18 3.24 0.00	51.16 2.48 0.00	45.12 3.07 0.00	42.40 2.96 0.00	40.64 3.01 0.00	41.10 3.01 0.00	41.57 3.04 0.00	45.04 3.03 0.00	54.78 3.44 0.00	74.41 3.81 0.00	92.10 4.73 0.31	85.72 4.16 0.00	66.68 3.36 0.06	55.92 2.76 0.00	50.12 2.84 0.00	47.09 2.87 0.00
GLENWOOD_IC_1_G5 23712	48.42 1.95 0.00	45.37 2.04 0.00	42.08 1.73 0.00	41.72 1.57 0.00	42.95 1.65 0.00	49.74 1.31 0.00	73.26 1.79 0.17	96.04 4.09 3.25	77.01 2.68 4.62	50.62 1.95 0.01	45.04 2.99 -0.01	42.12 2.68 0.00	40.38 2.75 0.00	41.00 2.89 -0.01	41.46 2.93 -0.01	45.64 3.07 -0.55	54.32 2.98 0.00	74.06 3.46 0.00	91.66 4.30 0.31	85.48 3.92 0.00	66.43 3.11 0.06	55.66 2.50 -0.01	49.41 2.13 -0.01	46.48 2.26 -0.01
GLENWOOD_IC_2_G1 23688	48.14 1.67 0.00	45.07 1.74 0.00	41.92 1.57 0.00	41.64 1.49 0.00	42.86 1.57 0.00	49.74 1.31 0.00	73.50 1.86 0.00	99.16 4.00 0.03	81.51 2.60 0.04	50.58 1.90 0.00	44.78 2.73 0.00	41.93 2.49 0.00	40.04 2.41 0.00	40.72 2.63 0.00	41.18 2.66 0.00	44.80 2.77 -0.01	54.06 2.72 0.00	73.70 3.10 0.00	91.32 3.95 0.30	84.91 3.35 0.00	65.93 2.60 0.06	55.49 2.34 0.00	49.31 2.03 0.00	46.34 2.12 0.00
GLENWOOD_IC_3_G1 23689	48.14 1.67 0.00	45.07 1.74 0.00	41.92 1.57 0.00	41.64 1.49 0.00	42.86 1.57 0.00	49.74 1.31 0.00	73.50 1.86 0.00	99.16 4.00 0.03	81.51 2.60 0.04	50.58 1.90 0.00	44.78 2.73 0.00	41.93 2.49 0.00	40.04 2.41 0.00	40.72 2.63 0.00	41.18 2.66 0.00	44.80 2.77 -0.01	54.06 2.72 0.00	73.70 3.10 0.00	91.32 3.95 0.30	84.91 3.35 0.00	65.93 2.60 0.06	55.49 2.34 0.00	49.31 2.03 0.00	46.34 2.12 0.00
GLENWOOD___4 23550	48.42 1.95 0.00	45.37 2.04 0.00	42.08 1.73 0.00	41.72 1.57 0.00	42.95 1.65 0.00	49.74 1.31 0.00	73.26 1.79 0.17	96.04 4.09 3.25	77.01 2.68 4.62	50.62 1.95 0.01	45.04 2.99 -0.01	42.12 2.68 0.00	40.38 2.75 0.00	41.00 2.89 -0.01	41.46 2.93 -0.01	45.64 3.07 -0.55	54.32 2.98 0.00	74.06 3.46 0.00	91.66 4.30 0.31	85.48 3.92 0.00	66.43 3.11 0.06	55.66 2.50 -0.01	49.41 2.13 -0.01	46.48 2.26 -0.01
GLENWOOD___5 23614	48.42 1.95 0.00	45.37 2.04 0.00	42.08 1.73 0.00	41.72 1.57 0.00	42.95 1.65 0.00	49.74 1.31 0.00	73.26 1.79 0.17	96.04 4.09 3.25	77.01 2.68 4.62	50.62 1.95 0.01	45.04 2.99 -0.01	42.12 2.68 0.00	40.38 2.75 0.00	41.00 2.89 -0.01	41.46 2.93 -0.01	45.64 3.07 -0.55	54.32 2.98 0.00	74.06 3.46 0.00	91.66 4.30 0.31	85.48 3.92 0.00	66.43 3.11 0.06	55.66 2.50 -0.01	49.41 2.13 -0.01	46.48 2.26 -0.01
GLOBAL GREEN_PORT_GT1 23814	47.54 1.07 0.00	44.81 1.47 0.00	41.55 1.21 0.00	41.16 1.00 0.00	42.41 1.12 0.00	48.33 -0.10 0.01	70.69 -0.43 0.52	86.43 1.05 9.81	64.73 0.00 14.22	48.96 0.29 0.02	44.14 2.10 0.00	41.29 1.85 0.00	39.55 1.92 0.00	40.49 2.40 0.00	41.06 2.54 0.00	44.84 2.73 -0.09	52.83 1.49 0.00	71.52 0.92 0.00	88.15 0.79 0.31	82.06 0.49 0.00	63.77 0.45 0.06	54.11 0.96 0.01	47.94 0.66 0.01	45.99 1.77 0.00
GLOBE___DSASP 323697	43.87 -2.60 0.00	40.39 -2.95 0.00	37.88 -2.46 0.00	37.94 -2.21 0.00	38.57 -2.73 0.00	44.51 -3.92 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.42 -8.53 0.00	44.15 -4.53 0.00	38.39 -3.66 0.00	35.77 -3.67 0.00	34.13 -3.50 0.00	34.55 -3.54 0.00	34.67 -3.85 0.00	38.07 -3.95 0.00	44.90 -6.42 0.02	61.12 -9.46 0.02	74.45 -11.57 1.65	72.92 -8.65 0.00	53.81 -9.19 0.39	46.01 -7.12 0.02	42.17 -5.11 0.00	40.42 -3.80 0.00
GOETHSLN___LBMP 323567	48.42 1.95 0.00	45.11 1.78 0.00	41.96 1.61 0.00	41.68 1.53 0.00	42.86 1.57 0.00	49.98 1.55 0.00	73.79 2.15 0.00	99.95 4.76 0.00	82.18 3.24 0.00	51.11 2.43 0.00	44.95 2.90 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.87 2.78 0.00	41.30 2.77 0.00	44.83 2.82 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.02 4.65 0.30	85.65 4.08 0.00	66.62 3.30 0.06	55.87 2.71 0.00	49.79 2.51 0.00	46.61 2.39 0.00
GOLAH___69_KV_TB 1_2 80279	45.96 -0.51 0.00	42.55 -0.78 0.00	39.74 -0.61 0.00	39.67 -0.48 0.00	40.59 -0.70 0.00	47.27 -1.16 0.00	69.21 -2.44 0.00	92.05 -3.14 0.00	76.34 -2.61 0.00	47.17 -1.51 0.00	40.70 -1.35 0.00	38.10 -1.34 0.00	36.28 -1.35 0.00	36.64 -1.45 0.00	36.91 -1.62 0.00	40.34 -1.68 0.00	48.61 -2.72 0.01	66.63 -3.95 0.01	81.71 -4.30 1.66	79.12 -2.45 0.00	59.17 -3.87 0.35	50.32 -2.82 0.01	45.44 -1.84 0.00	43.03 -1.19 0.00
GOODYEAR_LAKE_HYD 323669	47.63 1.16 0.00	44.46 1.13 0.00	41.35 1.01 0.00	41.12 0.96 0.00	42.33 1.03 0.00	49.74 1.31 0.00	73.86 2.22 0.00	99.09 3.90 0.00	81.24 2.29 0.00	49.65 0.97 0.00	42.97 0.93 0.00	40.23 0.79 0.00	38.31 0.68 0.00	38.82 0.72 0.00	39.14 0.62 0.00	42.86 0.84 0.00	52.52 1.18 0.00	72.51 1.91 0.00	89.61 2.63 0.69	84.09 2.53 0.00	65.22 1.97 0.14	54.75 1.59 0.00	48.51 1.23 0.00	45.37 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.56 0.09 0.00	43.33 0.00 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.33 0.04 0.00	48.28 -0.15 0.00	71.36 -0.29 0.00	95.29 0.10 0.00	78.63 -0.32 0.00	48.44 -0.24 0.00	41.96 -0.08 0.00	39.24 -0.20 0.00	37.41 -0.23 0.00	37.86 -0.23 0.00	38.22 -0.31 0.00	41.77 -0.25 0.00	50.87 -0.46 0.01	70.17 -0.42 0.01	85.91 -0.35 1.41	81.48 -0.08 0.00	62.84 -0.25 0.29	52.88 -0.27 0.01	46.95 -0.33 0.00	44.09 -0.13 0.00

GOUDEY___7 23579	46.56 0.09 0.00	43.33 0.00 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.33 0.04 0.00	48.28 -0.15 0.00	71.36 -0.29 0.00	95.29 0.10 0.00	78.63 -0.32 0.00	48.44 -0.24 0.00	41.96 -0.08 0.00	39.24 -0.20 0.00	37.41 -0.23 0.00	37.86 -0.23 0.00	38.22 -0.31 0.00	41.77 -0.25 0.00	50.87 -0.46 0.01	70.17 -0.42 0.01	85.91 -0.35 1.41	81.48 -0.08 0.00	62.84 -0.25 0.29	52.88 -0.27 0.01	46.95 -0.33 0.00	44.09 -0.13 0.00
GOUDEY___8 23580	46.56 0.09 0.00	43.33 0.00 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.33 0.04 0.00	48.28 -0.15 0.00	71.36 -0.29 0.00	95.29 0.10 0.00	78.63 -0.32 0.00	48.44 -0.24 0.00	41.96 -0.08 0.00	39.24 -0.20 0.00	37.41 -0.23 0.00	37.86 -0.23 0.00	38.22 -0.31 0.00	41.77 -0.25 0.00	50.87 -0.46 0.01	70.17 -0.42 0.01	85.91 -0.35 1.41	81.48 -0.08 0.00	62.84 -0.25 0.29	52.88 -0.27 0.01	46.95 -0.33 0.00	44.09 -0.13 0.00
GOWANUS_GT1_1 24077	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 1.65 -0.01	73.88 2.22 -0.01	99.96 4.76 -0.01	82.18 3.24 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.43 3.81 -0.01	92.03 4.65 0.29	85.74 4.16 -0.01	66.70 3.36 0.05	55.88 2.71 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT1_2 24078	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 1.65 -0.01	73.88 2.22 -0.01	99.96 4.76 -0.01	82.18 3.24 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.43 3.81 -0.01	92.03 4.65 0.29	85.74 4.16 -0.01	66.70 3.36 0.05	55.88 2.71 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT1_3 24079	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 1.65 -0.01	73.88 2.22 -0.01	99.96 4.76 -0.01	82.18 3.24 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.43 3.81 -0.01	92.03 4.65 0.29	85.74 4.16 -0.01	66.70 3.36 0.05	55.88 2.71 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT1_4 24080	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 1.65 -0.01	73.88 2.22 -0.01	99.96 4.76 -0.01	82.18 3.24 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.43 3.81 -0.01	92.03 4.65 0.29	85.74 4.16 -0.01	66.70 3.36 0.05	55.88 2.71 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT1_5 24084	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 1.65 -0.01	73.88 2.22 -0.01	99.96 4.76 -0.01	82.18 3.24 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.43 3.81 -0.01	92.03 4.65 0.29	85.74 4.16 -0.01	66.70 3.36 0.05	55.88 2.71 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT1_6 24111	48.85 2.37 -0.01	45.42 2.08 -0.01	42.33 1.98 -0.01	42.05 1.89 -0.01	43.16 1.86 -0.01	50.08 																		

GOWANUS_GT2_6 24119	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
GOWANUS_GT2_7 24120	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
GOWANUS_GT2_8 24121	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
GOWANUS_GT3_1 24122	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.16 1.86 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.86 4.66 -0.01	82.10 3.16 0.01	50.97 2.29 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.95 2.86 0.00	41.42 2.89 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.21 3.60 -0.01	91.84 4.47 0.30	85.41 3.83 -0.01	66.31 2.98 0.05	55.82 2.66 -0.01	49.98 2.69 -0.01	47.10 2.87 -0.01
GOWANUS_GT3_2 24123	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.16 1.86 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.86 4.66 -0.01	82.10 3.16 0.01	50.97 2.29 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.95 2.86 0.00	41.42 2.89 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.21 3.60 -0.01	91.84 4.47 0.30	85.41 3.83 -0.01	66.31 2.98 0.05	55.82 2.66 -0.01	49.98 2.69 -0.01	47.10 2.87 -0.01
GOWANUS_GT3_3 24124	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.16 1.86 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.86 4.66 -0.01	82.10 3.16 0.01	50.97 2.29 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.95 2.86 0.00	41.42 2.89 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.21 3.60 -0.01	91.84 4.47 0.30	85.41 3.83 -0.01	66.31 2.98 0.05	55.82 2.66 -0.01	49.98 2.69 -0.01	47.10 2.87 -0.01
GOWANUS_GT3_4 24125	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.16 1.86 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.86 4.66 -0.01	82.10 3.16 0.01	50.97 2.29 0.00	44.95 2.90 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.95 2.86 0.00	41.42 2.89 0.00	44.88 2.86 0.00	54.63 3.29 0.00	74.21 3.60 -0.01	91.84 4.47 0.30	85.41 3.83 -0.01	66.31 2.98 0.05	55.82 2.66 -0.01	49.98 2.69 -0.01	47.10 2.87 -0.01
GOWANUS_GT3_5 24126	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.16 1.86 -0.01	50.09 1																		

GOWANUS_GT4_5 24134	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT4_6 24135	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT4_7 24136	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GOWANUS_GT4_8 24137	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GREATVRV_69_KV_BK1 356245	48.70 2.23 0.00	45.89 2.56 0.00	42.36 2.02 0.00	41.96 1.81 0.00	43.28 1.98 0.00	49.54 1.11 0.00	71.50 0.36 0.50	88.14 2.28 9.34	66.47 1.03 13.50	50.12 1.46 0.01	45.32 3.28 0.00	42.28 2.84 0.00	40.64 3.01 0.00	41.44 3.35 0.00	41.91 3.39 0.00	45.27 3.11 -0.14	54.32 2.98 0.00	74.06 3.46 0.00	91.48 4.12 0.31	85.64 4.08 0.00	66.56 3.23 0.06	55.60 2.45 0.00	49.31 2.03 0.00	46.69 2.48 0.00
GREENBSH_115KV_TB3 55895	46.29 -0.19 0.00	43.20 -0.13 0.00	40.22 -0.12 0.00	40.07 -0.08 0.00	41.21 -0.08 0.00	48.38 -0.05 0.00	71.50 -0.14 0.00	95.67 0.48 0.00	78.55 -0.39 0.00	48.44 -0.24 0.00	41.84 -0.21 0.00	39.28 -0.16 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.53 0.00 0.00	41.98 -0.04 0.00	51.45 0.10 0.00	70.88 0.28 0.00	88.11 0.44 0.00	81.32 -0.24 0.00	63.70 0.32 0.00	53.31 0.16 0.00	47.09 -0.19 0.00	43.95 -0.27 0.00
GREENDGE_115KV_TB5 80291	46.05 -0.42 0.00	42.68 -0.65 0.00	39.90 -0.44 0.00	39.83 -0.32 0.00	40.84 -0.45 0.00	47.65 -0.77 0.00	69.92 -1.72 0.00	93.12 -2.09 -0.03	77.13 -1.82 0.00	47.56 -1.12 0.00	41.04 -1.01 0.00	38.26 -1.18 0.00	36.43 -1.20 0.00	36.87 -1.22 0.00	37.14 -1.39 0.00	40.67 -1.34 0.00	49.38 -1.90 0.06	67.93 -2.61 0.06	83.25 -2.89 1.53	79.61 -1.96 0.00	60.77 -2.22 0.40	51.24 -1.86 0.06	45.91 -1.37 0.00	43.25 -0.97 0.00
GREENIDGE___3 23582	46.05 -0.42 0.00	42.68 -0.65 0.00	39.90 -0.44 0.00	39.83 -0.32 0.00	40.84 -0.45 0.00	47.65 -0.77 0.00	69.92 -1.72 0.00	93.12 -2.09 -0.03	77.13 -1.82 0.00	47.56 -1.12 0.00	41.04 -1.01 0.00	38.26 -1.18 0.00	36.43 -1.20 0.00	36.87 -1.22 0.00	37.14 -1.39 0.00	40.67 -1.34 0.00	49.38 -1.90 0.06	67.93 -2.61 0.06	83.25 -2.89 1.53	79.61 -1.96 0.00	60.77 -2.22 0.40	51.24 -1.86 0.06	45.91 -1.37 0.00	43.25 -0.97 0.00
GREENIDGE___4 23583	45.92 -0.56 0.00	42.82 -0.52 0.00	39.94 -0.40 0.00	39.83 -0.32 0.00	40.84 -0.45 0.00	47.70 -0.73 0.00	69.78 -1.86 0.00	92.93 -2.29 -0.03	77.21 -1.74 0.00	47.56 -1.12 0.00	41.12 -0.93 0.00	38.38 -1.06 0.00	36.69 -0.94 0.00	37.03 -1.07 0.00	37.14 -1.39 0.00	40.80 -1.22 0.00	49.39 -1.90 0.06	67.79 -2.75 0.06	83.07 -3.07 1.53	80.10 -1.47 0.00	60.77 -2.22 0.40	51.13 -1.97 0.06	46.01 -1.27 0.00	43.34 -0.88 0.00
GREENLWN_69_KV_BK 3 55738	47.77 1.30 0.00	45.07 1.73 0.00	41.63 1.29 0.00	41.28 1.12 0.00	42.53 1.24 0.00	48.62 0.19 0.00	71.14 0.00 0.51	87.41 1.71 9.49	65.90 0.71 13.76	49.39 0.73 0.01	44.65 2.61 0.00	41.73 2.29 0.00	40.08 2.45 0.00	40.83 2.74 0.00	41.30 2.77 0.00	45.00 2.86 -0.12	53.19 1.85 0.00	72.51 1.91 0.00	89.46 2.10 0.31	83.60 2.04 0.00	65.04 1.71 0.06	54.38 1.22 0.00	48.27 0.99 0.00	45.76 1.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00
GRISSOM___SOLAR 323813	48.14 1.67 0.00	44.89 1.56 0.00	41.76 1.41 0.00	41.60 1.44 0.00	42.82 1.53 0.00	50.51 2.08 0.00	75.15 3.51 0.00	100.42 5.23 0.00	81.40 2.45 0.00	48.63 -0.05 0.00	41.37 -0.67 0.00	38.61 -0.83 0.00	36.80 -0.83 0.00	37.41 -0.68 0.00	38.02 -0.50 0.00	41.81 -0.21 0.00	51.91 0.57 0.00	73.00 2.40 0.00	91.04 3.68 0.31	84.66 3.10 0.00	65.73 2.41 0.06	55.28 2.13 0.00	48.89 1.61 0.00	45.50 1.28 0.00
GROVEVILLE___HYD 323602	48.47 2.00 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.72 1.57 0.00	42.99 1.69 0.00	50.17 1.74 0.00	74.22 2.58 0.00	100.14 4.95 0.00	82.34 3.39 0.00	50.77 2.09 0.00	44.32 2.27 0.00	41.53 2.09 0.00	39.66 2.03 0.00	40.15 2.06 0.00	40.61 2.08 0.00	44.20 2.18 0.00	54.06 2.72 0.00	74.20 3.60 0.00	92.02 4.65 0.30	85.64 4.08 0.00	66.56 3.23 0.06	55.71 2.55 0.00	49.50 2.22 0.00	46.30 2.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
HAMLTNNY_34_KV_TB 80303	46.15 -0.33 0.00	42.94 -0.39 0.00	40.02 -0.32 0.00	39.83 -0.32 0.00	40.96 -0.33 0.00	48.04 -0.39 0.00	71.21 -0.43 0.00	95.11 -0.19 -0.11	78.63 -0.32 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.68 -0.67 0.00	69.68 -0.92 0.00	85.94 -0.79 0.94	81.16 -0.41 0.00	62.50 -0.70 0.19	52.57 -0.58 0.00	46.81 -0.47 0.00	43.78 -0.44 0.00

HAMPSHIRE___PAPER_HYD 323593	47.73 1.26 0.00	44.81 1.47 0.00	41.67 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.23 0.00	98.37 3.14 -0.04	81.71 2.76 0.00	49.65 0.97 0.00	42.59 0.55 0.00	39.95 0.51 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.95 0.42 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.10 0.50 0.00	88.46 0.79 0.00	82.95 1.39 0.00	64.40 1.01 0.00	54.81 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
HARDSCRABBLE_WT_PWR 323673	47.73 1.26 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.32 1.17 0.00	42.49 1.20 0.00	49.83 1.41 0.00	73.79 2.15 0.00	98.33 3.14 0.00	81.16 2.21 0.00	49.99 1.31 0.00	43.35 1.30 0.00	40.62 1.18 0.00	38.72 1.09 0.00	39.20 1.11 0.00	39.57 1.04 0.00	43.24 1.22 0.00	52.83 1.49 0.00	72.65 2.05 0.00	90.22 2.54 0.00	83.85 2.28 0.00	65.10 1.71 0.00	54.59 1.44 0.00	48.46 1.18 0.00	45.41 1.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.33 1.86 0.00	45.07 1.73 0.00	41.88 1.53 0.00	41.60 1.45 0.00	42.86 1.57 0.00	49.98 1.55 0.00	73.93 2.29 0.00	99.76 4.57 0.00	82.03 3.08 0.00	50.67 2.00 0.00	44.32 2.27 0.00	41.53 2.09 0.00	39.70 2.07 0.00	40.22 2.13 0.00	40.64 2.12 0.00	44.24 2.23 0.00	54.01 2.67 0.00	73.99 3.39 0.00	91.74 4.38 0.32	85.48 3.92 0.00	66.37 3.04 0.06	55.60 2.45 0.00	49.46 2.17 0.00	46.25 2.03 0.00
HARSNRAD_115KV_TB1 81005	45.12 -1.35 0.00	41.56 -1.78 0.00	38.97 -1.37 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.81 -2.62 0.00	65.27 -6.38 0.00	86.62 -8.57 0.00	72.16 -6.79 0.00	45.08 -3.60 0.00	39.15 -2.90 0.00	36.44 -3.00 0.00	34.77 -2.86 0.00	35.20 -2.89 0.00	35.33 -3.20 0.00	38.74 -3.28 0.00	45.98 -5.34 0.02	62.88 -7.70 0.02	76.73 -9.29 1.65	74.80 -6.77 0.00	55.30 -7.73 0.36	47.39 -5.74 0.02	43.12 -4.16 0.00	41.52 -2.70 0.00
HARZA MOOSE___RIVER 24016	47.49 1.02 0.00	44.59 1.26 0.00	41.47 1.13 0.00	41.24 1.08 0.00	42.45 1.16 0.00	50.03 1.60 0.00	74.51 2.87 0.00	99.31 4.09 -0.03	81.63 2.68 0.00	49.65 0.97 0.00	42.72 0.67 0.00	39.99 0.55 0.00	38.08 0.45 0.00	38.55 0.46 0.00	38.87 0.35 0.00	42.65 0.63 0.00	51.96 0.62 0.00	71.73 1.13 0.00	89.20 1.84 0.32	83.77 2.20 0.00	64.91 1.58 0.06	54.96 1.81 0.00	48.60 1.32 0.00	45.46 1.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.73 -0.74 0.00	42.60 -0.74 0.00	39.66 -0.69 0.00	39.47 -0.68 0.00	40.59 -0.70 0.00	47.61 -0.82 0.00	70.57 -1.07 0.00	94.14 -1.05 0.00	77.84 -1.11 0.00	47.90 -0.78 0.00	41.37 -0.67 0.00	38.73 -0.71 0.00	36.92 -0.72 0.00	37.41 -0.69 0.00	37.75 -0.77 0.00	41.22 -0.80 0.00	50.37 -0.98 0.00	69.33 -1.27 0.00	84.44 -1.40 1.83	80.51 -1.06 0.00	61.95 -1.08 0.36	52.25 -0.90 0.00	46.48 -0.80 0.00	43.47 -0.75 0.00
HELLGATE_13_KV_LD 55870	48.75 2.28 0.00	45.32 1.99 0.00	42.24 1.90 0.00	41.92 1.77 0.00	43.07 1.78 0.00	49.98 1.55 0.00	73.79 2.15 0.00	99.85 4.66 0.00	82.11 3.16 0.00	51.11 2.43 0.00	45.12 3.07 0.00	42.40 2.96 0.00	40.61 2.97 0.00	41.10 3.01 0.00	41.53 3.00 0.00	45.00 2.98 0.00	54.73 3.39 0.00	74.34 3.74 0.00	91.92 4.56 0.31	85.64 4.08 0.00	66.62 3.30 0.06	55.81 2.66 0.00	50.07 2.79 0.00	47.14 2.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.75 2.28 0.00	45.32 1.99 0.00	42.24 1.90 0.00	41.92 1.77 0.00	43.07 1.78 0.00	49.98 1.55 0.00	73.79 2.15 0.00	99.85 4.66 0.00	82.11 3.16 0.00	51.11 2.43 0.00	45.12 3.07 0.00	42.40 2.96 0.00	40.61 2.97 0.00	41.10 3.01 0.00	41.53 3.00 0.00	45.00 2.98 0.00	54.73 3.39 0.00	74.34 3.74 0.00	91.92 4.56 0.31	85.64 4.08 0.00	66.62 3.30 0.06	55.81 2.66 0.00	50.07 2.79 0.00	47.14 2.92 0.00
HEMPSTEAD____ 23647	47.77 1.30 0.00	44.89 1.56 0.00	41.72 1.37 0.00	41.40 1.25 0.00	42.65 1.36 0.00	49.20 0.77 0.00	72.46 1.08 0.26	93.37 3.05 4.86	73.78 1.73 6.90	50.03 1.36 0.01	44.75 2.69 -0.01	41.77 2.33 0.00	39.97 2.33 0.00	40.77 2.67 -0.01	41.27 2.74 -0.01	45.49 2.90 -0.57	53.60 2.26 0.00	73.07 2.47 0.00	90.51 3.15 0.31	84.18 2.61 0.00	65.35 2.03 0.06	55.02 1.86 -0.01	48.84 1.56 -0.01	46.09 1.86 -0.01
HICKLING___1 23621	45.54 -0.93 0.00	42.16 -1.17 0.00	39.54 -0.81 0.00	39.51 -0.64 0.00	40.38 -0.91 0.00	46.83 -1.60 0.00	68.78 -2.87 0.00	91.57 -3.62 0.00	75.71 -3.24 0.00	46.63 -2.04 0.00	40.45 -1.60 0.00	37.66 -1.77 0.00	35.90 -1.73 0.00	36.34 -1.75 0.00	36.52 -2.00 0.00	40.00 -2.02 0.00	48.31 -2.98 0.06	67.01 -3.53 0.06	81.99 -4.12 1.56	78.38 -3.18 0.00	59.94 -3.04 0.40	50.49 -2.60 0.06	44.87 -2.41 0.00	42.58 -1.64 0.00
HICKLING___2 23622	45.54 -0.93 0.00	42.16 -1.17 0.00	39.54 -0.81 0.00	39.51 -0.64 0.00	40.38 -0.91 0.00	46.83 -1.60 0.00	68.78 -2.87 0.00	91.57 -3.62 0.00	75.71 -3.24 0.00	46.63 -2.04 0.00	40.45 -1.60 0.00	37.66 -1.77 0.00	35.90 -1.73 0.00	36.34 -1.75 0.00	36.52 -2.00 0.00	40.00 -2.02 0.00	48.31 -2.98 0.06	67.01 -3.53 0.06	81.99 -4.12 1.56	78.38 -3.18 0.00	59.94 -3.04 0.40	50.49 -2.60 0.06	44.87 -2.41 0.00	42.58 -1.64 0.00
HIGH FALLS___HY 23754	48.70 2.23 0.00	45.37 2.04 0.00	42.20 1.86 0.00	41.88 1.73 0.00	43.19 1.90 0.00	50.42 1.99 0.00	74.72 3.08 0.00	100.71 5.52 0.00	82.82 3.87 0.00	50.97 2.29 0.00	44.44 2.40 0.00	41.61 2.17 0.00	39.78 2.15 0.00	40.26 2.17 0.00	40.68 2.16 0.00	44.33 2.31 0.00	54.27 2.93 0.00	74.48 3.88 0.00	92.54 5.17 0.30	86.30 4.73 0.00	66.94 3.61 0.06	56.03 2.87 0.00	49.79 2.51 0.00	46.56 2.34 0.00
HIGH_RIVER___SOLAR 323847	47.91 1.44 0.00	44.68 1.34 0.00	41.60 1.25 0.00	41.40 1.25 0.00	42.61 1.32 0.00	50.22 1.79 0.00	74.65 3.01 0.00	99.66 4.47 0.00	80.53 1.58 0.00	48.58 -0.10 0.00	41.58 -0.46 0.00	38.89 -0.55 0.00	37.07 -0.56 0.00	37.67 -0.42 0.00	38.18 -0.35 0.00	41.81 -0.21 0.00	51.65 0.31 0.00	72.57 1.97 0.00	90.62 3.25 0.30	84.25 2.69 0.00	65.48 2.16 0.06	55.02 1.86 0.00	48.65 1.37 0.00	45.33 1.11 0.00
HILLBURN___GT 23639	48.24 1.77 0.00	44.98 1.65 0.00	41.84 1.49 0.00	41.60 1.44 0.00	42.82 1.53 0.00	49.88 1.45 0.00	73.79 2.15 0.00	99.57 4.38 0.00	81.87 2.92 0.00	50.68 2.00 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.78 2.14 0.00	40.30 2.21 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.78 3.18 0.00	91.39 4.04 0.32	85.07 3.50 0.00	65.99 2.66 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.25 2.04 0.00
HILLSIDE_115KV_TB1 80332	44.94 -1.53 0.00	41.60 -1.73 0.00	39.01 -1.33 0.00	39.03 -1.12 0.00	39.85 -1.45 0.00	46.15 -2.28 0.00	67.77 -3.87 0.00	90.14 -5.05 0.00	74.53 -4.42 0.00	46.00 -2.68 0.00	39.99 -2.06 0.00	37.23 -2.21 0.00	35.49 -2.15 0.00	35.96 -2.13 0.00	36.14 -2.39 0.00	39.58 -2.44 0.00	47.74 -3.54 0.06	66.24 -4.31 0.06	80.95 -5.17 1.55	77.32 -4.24 0.00	59.31 -3.68 0.40	49.91 -3.19 0.06	44.25 -3.03 0.00	42.01 -2.21 0.00

HISHELDN_WT_PWR 323625	44.66 -1.81 0.00	41.60 -1.73 0.00	38.89 -1.45 0.00	38.95 -1.20 0.00	39.64 -1.65 0.00	45.96 -2.47 0.00	65.98 -5.66 0.00	87.77 -7.42 0.00	73.26 -5.69 0.00	45.42 -3.26 0.00	39.52 -2.52 0.00	36.80 -2.64 0.00	35.45 -2.18 0.00	35.65 -2.44 0.00	35.44 -3.08 0.00	39.12 -2.90 0.00	46.54 -4.77 0.03	64.21 -6.35 0.03	78.33 -7.72 1.62	76.51 -5.06 0.00	57.25 -5.77 0.37	48.34 -4.78 0.03	43.68 -3.60 0.00	41.74 -2.48 0.00
HOLTSVILLE_IC_1 23690	47.40 0.93 0.00	44.72 1.39 0.00	41.51 1.17 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.12 0.00 0.53	86.78 1.43 9.84	65.24 0.56 14.26	49.25 0.59 0.02	44.35 2.31 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.92 2.82 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.37 1.22 0.01	48.36 1.09 0.01	46.03 1.81 0.00
HOLTSVILLE_IC_10 23699	47.58 1.11 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.36 1.20 0.00	42.61 1.32 0.00	48.67 0.24 0.01	71.34 0.22 0.52	87.19 1.72 9.71	65.66 0.79 14.08	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	53.04 1.69 0.00	72.15 1.55 0.00	88.94 1.58 0.31	82.79 1.23 0.00	64.47 1.14 0.06	54.64 1.49 0.01	48.55 1.28 0.01	46.21 1.99 0.00
HOLTSVILLE_IC_2 23691	47.40 0.93 0.00	44.72 1.39 0.00	41.51 1.17 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.12 0.00 0.53	86.78 1.43 9.84	65.24 0.56 14.26	49.25 0.59 0.02	44.35 2.31 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.92 2.82 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.37 1.22 0.01	48.36 1.09 0.01	46.03 1.81 0.00
HOLTSVILLE_IC_3 23692	47.40 0.93 0.00	44.72 1.39 0.00	41.51 1.17 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.12 0.00 0.53	86.78 1.43 9.84	65.24 0.56 14.26	49.25 0.59 0.02	44.35 2.31 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.92 2.82 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.37 1.22 0.01	48.36 1.09 0.01	46.03 1.81 0.00
HOLTSVILLE_IC_4 23693	47.40 0.93 0.00	44.72 1.39 0.00	41.51 1.17 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.12 0.00 0.53	86.78 1.43 9.84	65.24 0.56 14.26	49.25 0.59 0.02	44.35 2.31 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.92 2.82 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.37 1.22 0.01	48.36 1.09 0.01	46.03 1.81 0.00
HOLTSVILLE_IC_5 23694	47.40 0.93 0.00	44.72 1.39 0.00	41.51 1.17 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.12 0.00 0.53	86.78 1.43 9.84	65.24 0.56 14.26	49.25 0.59 0.02	44.35 2.31 0.00	41.49 2.05 0.00	39.74 2.11 0.00	40.64 2.55 0.00	41.22 2.70 0.00	44.92 2.82 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.37 1.22 0.01	48.36 1.09 0.01	46.03 1.81 0.00
HOLTSVILLE_IC_6 23695	47.58 1.11 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.36 1.20 0.00	42.61 1.32 0.00	48.67 0.24 0.01	71.34 0.22 0.52	87.19 1.72 9.71	65.66 0.79 14.08	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	53.04 1.69 0.00	72.15 1.55 0.00	88.94 1.58 0.31	82.79 1.23 0.00	64.47 1.14 0.06	54.64 1.49 0.01	48.55 1.28 0.01	46.21 1.99 0.00
HOLTSVILLE_IC_7 23696	47.58 1.11 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.36 1.20 0.00	42.61 1.32 0.00	48.67 0.24 0.01	71.34 0.22 0.52	87.19 1.72 9.71	65.66 0.79 14.08	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	53.04 1.69 0.00	72.15 1.55 0.00	88.94 1.58 0.31	82.79 1.23 0.00	64.47 1.14 0.06	54.64 1.49 0.01	48.55 1.28 0.01	46.21 1.99 0.00
HOLTSVILLE_IC_8 23697	47.58 1.11 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.36 1.20 0.00	42.61 1.32 0.00	48.67 0.24 0.01	71.34 0.22 0.52	87.19 1.72 9.71	65.66 0.79 14.08	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	53.04 1.69 0.00	72.15 1.55 0.00	88.94 1.58 0.31	82.79 1.23 0.00	64.47 1.14 0.06	54.64 1.49 0.01	48.55 1.28 0.01	46.21 1.99 0.00
HOLTSVILLE_IC_9 23698	47.58 1.11 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.36 1.20 0.00	42.61 1.32 0.00	48.67 0.24 0.01	71.34 0.22 0.52	87.19 1.72 9.71	65.66 0.79 14.08	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	53.04 1.69 0.00	72.15 1.55 0.00	88.94 1.58 0.31	82.79 1.23 0.00	64.47 1.14 0.06	54.64 1.49 0.01	48.55 1.28 0.01	46.21 1.99 0.00
HOMER_HL_115KV_TB2 355744	44.52 -1.95 0.00	41.12 -2.21 0.00	38.65 -1.69 0.00	38.79 -1.37 0.00	39.39 -1.90 0.00	45.52 -2.91 0.00	66.56 -5.09 0.00	88.72 -6.47 0.00	73.34 -5.61 0.00	45.47 -3.21 0.00	39.69 -2.35 0.00	36.84 -2.60 0.00	35.11 -2.52 0.00	35.62 -2.48 0.00	35.67 -2.85 0.00	39.12 -2.90 0.00	47.47 -3.85 0.03	66.83 -3.74 0.03	81.13 -4.91 1.63	76.26 -5.30 0.00	60.17 -2.85 0.36	50.42 -2.71 0.03	43.50 -3.78 0.00	41.43 -2.79 0.00
HOWARD_WT_PWR 323690	45.22 -1.25 0.00	42.17 -1.17 0.00	39.38 -0.97 0.00	39.39 -0.76 0.00	40.06 -1.24 0.00	46.64 -1.79 0.00	67.91 -3.73 0.00	90.43 -4.76 0.00	75.24 -3.71 0.00	46.10 -2.58 0.00	40.16 -1.89 0.00	37.35 -2.09 0.00	35.86 -1.77 0.00	36.07 -2.02 0.00	35.98 -2.54 0.00	39.67 -2.35 0.00	47.54 -3.75 0.06	65.81 -4.73 0.06	80.74 -5.35 1.58	78.47 -3.10 0.00	58.79 -4.19 0.41	49.64 -3.45 0.06	44.59 -2.69 0.00	42.05 -2.17 0.00
HQ_GEN_CEDARS 23644	47.59 1.12 0.00	44.46 1.13 0.00	41.35 1.01 0.00	41.20 1.04 0.00	42.41 1.11 0.00	49.79 1.36 0.00	73.72 2.08 0.00	95.86 0.67 0.00	81.08 2.13 0.00	49.80 1.12 0.00	42.80 0.76 0.00	40.19 0.75 0.00	38.35 0.72 0.00	38.70 0.61 0.00	39.18 0.65 0.00	42.77 0.76 0.00	52.06 0.72 0.00	71.80 1.20 0.00	88.99 1.32 0.00	83.03 1.47 0.00	64.46 1.08 0.00	54.17 1.01 0.00	48.41 1.13 0.00	45.28 1.06 0.00
HQ_GEN_CEDARS_PROXY 323590	47.58 1.11 0.00	44.46 1.12 0.00	41.35 1.01 0.00	41.19 1.04 0.00	42.41 1.12 0.00	49.78 1.35 0.00	73.72 2.08 0.00	95.95 0.76 0.00	77.50 2.13 3.58	53.38 1.12 -3.58	42.80 0.76 0.00	40.19 0.75 0.00	38.35 0.71 0.00	38.70 0.61 0.00	39.26 0.73 0.00	42.77 0.76 0.00	52.06 0.72 0.00	71.80 1.20 0.00	88.99 1.32 0.00	83.11 1.55 0.00	64.46 1.08 0.00	54.16 1.01 0.00	48.41 1.13 0.00	45.28 1.06 0.00

HQ_GEN_IMPORT 323601	46.70 0.23 0.00	43.59 0.26 0.00	40.55 0.20 0.00	40.39 0.24 0.00	41.54 0.25 0.00	48.77 0.34 0.00	72.15 0.51 0.00	95.00 -0.19 0.00	75.93 0.56 3.58	52.60 0.34 -3.58	42.22 0.17 0.00	39.64 0.20 0.00	37.82 0.19 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.23 0.21 0.00	51.50 0.15 0.00	70.88 0.28 0.00	87.94 0.26 0.00	81.89 0.33 0.00	63.58 0.19 0.00	53.37 0.21 0.00	47.57 0.29 0.00	44.49 0.27 0.00
HQ_GEN_WHEEL 23651	46.70 0.23 0.00	43.59 0.26 0.00	40.55 0.20 0.00	40.39 0.24 0.00	41.54 0.25 0.00	48.77 0.34 0.00	72.15 0.51 0.00	95.00 -0.19 0.00	75.93 0.56 3.58	52.60 0.34 -3.58	42.22 0.17 0.00	39.64 0.20 0.00	37.82 0.19 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.23 0.21 0.00	51.50 0.15 0.00	70.88 0.28 0.00	87.94 0.26 0.00	81.89 0.33 0.00	63.58 0.19 0.00	53.37 0.21 0.00	47.57 0.29 0.00	44.49 0.27 0.00
HUDSON AVE_GT_3 23810	48.70 2.23 0.00	45.33 1.99 0.00	42.20 1.86 0.00	42.00 1.85 0.00	43.19 1.90 0.00	50.37 1.94 0.00	74.36 2.72 0.00	100.71 5.52 0.00	82.90 3.95 0.00	51.50 2.82 0.00	45.12 3.07 0.00	42.36 2.92 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.04 3.03 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.45 5.08 0.30	86.05 4.49 0.00	66.94 3.61 0.06	56.13 2.98 0.00	50.02 2.74 0.00	46.83 2.61 0.00
HUDSON AVE_GT_4 23540	48.70 2.23 0.00	45.33 1.99 0.00	42.20 1.86 0.00	42.00 1.85 0.00	43.19 1.90 0.00	50.37 1.94 0.00	74.36 2.72 0.00	100.71 5.52 0.00	82.90 3.95 0.00	51.50 2.82 0.00	45.12 3.07 0.00	42.36 2.92 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.04 3.03 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.45 5.08 0.30	86.05 4.49 0.00	66.94 3.61 0.06	56.13 2.98 0.00	50.02 2.74 0.00	46.83 2.61 0.00
HUDSON AVE_GT_5 23657	48.70 2.23 0.00	45.33 1.99 0.00	42.20 1.86 0.00	42.00 1.85 0.00	43.19 1.90 0.00	50.37 1.94 0.00	74.36 2.72 0.00	100.71 5.52 0.00	82.90 3.95 0.00	51.50 2.82 0.00	45.12 3.07 0.00	42.36 2.92 0.00	40.53 2.90 0.00	41.02 2.93 0.00	41.45 2.93 0.00	45.04 3.03 0.00	54.83 3.49 0.00	74.70 4.09 0.00	92.45 5.08 0.30	86.05 4.49 0.00	66.94 3.61 0.06	56.13 2.98 0.00	50.02 2.74 0.00	46.83 2.61 0.00
HUDSON_AVE_10 24168	48.56 2.09 0.00	45.24 1.91 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.99 1.69 0.00	50.12 1.70 0.00	73.93 2.29 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.21 2.53 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.87 2.86 0.00	54.68 3.34 0.00	74.41 3.81 0.00	92.10 4.73 0.30	85.73 4.16 0.00	66.69 3.36 0.06	55.97 2.82 0.00	49.93 2.65 0.00	46.70 2.48 0.00
HUDSON___115KV_TB 4 355613	47.17 0.70 0.00	43.98 0.65 0.00	40.95 0.61 0.00	40.79 0.64 0.00	41.95 0.66 0.00	49.30 0.87 0.00	73.08 1.43 0.00	97.86 2.67 0.00	80.05 1.11 0.00	48.92 0.24 0.00	42.13 0.08 0.00	39.48 0.04 0.00	37.75 0.11 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.23 0.21 0.00	52.06 0.72 0.00	72.08 1.48 0.00	89.86 2.19 0.00	83.12 1.55 0.00	64.85 1.46 0.00	54.22 1.06 0.00	47.89 0.61 0.00	44.66 0.44 0.00
HUNTER MOUNT___DRP 323613	47.26 0.79 0.00	44.07 0.74 0.00	41.03 0.69 0.00	40.83 0.68 0.00	42.04 0.74 0.00	49.45 1.02 0.00	73.36 1.72 0.00	98.14 2.95 0.00	80.29 1.34 0.00	48.87 0.19 0.00	42.00 -0.04 0.00	39.32 -0.12 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.56 0.04 0.00	42.10 0.08 0.00	52.01 0.67 0.00	72.22 1.62 0.00	89.87 2.45 0.26	83.36 1.79 0.00	64.92 1.58 0.05	54.32 1.17 0.00	47.89 0.61 0.00	44.66 0.44 0.00
HUNTINGTON_RES_REC 323705	47.35 0.88 0.00	44.76 1.43 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.57 0.15 0.01	71.13 0.00 0.52	87.05 1.52 9.66	65.51 0.56 14.00	49.30 0.63 0.01	44.44 2.40 0.00	41.57 2.13 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.98 2.86 -0.10	52.88 1.54 0.00	71.94 1.34 0.00	89.11 1.75 0.31	82.79 1.23 0.00	64.34 1.01 0.06	54.37 1.22 0.01	48.27 0.99 0.01	45.89 1.68 0.00
HUNTLEY___63 23557	45.03 -1.44 0.00	41.47 -1.86 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.55 -6.09 0.00	87.10 -8.09 0.00	72.55 -6.39 0.00	45.32 -3.36 0.00	39.40 -2.65 0.00	36.60 -2.84 0.00	34.96 -2.67 0.00	35.39 -2.70 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.43 -8.59 1.65	75.29 -6.28 0.00	55.89 -7.16 0.34	47.76 -5.37 0.02	43.31 -3.97 0.00	41.57 -2.65 0.00
HUNTLEY___64 23558	45.03 -1.44 0.00	41.47 -1.86 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.55 -6.09 0.00	87.10 -8.09 0.00	72.55 -6.39 0.00	45.32 -3.36 0.00	39.40 -2.65 0.00	36.60 -2.84 0.00	34.96 -2.67 0.00	35.39 -2.70 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.43 -8.59 1.65	75.29 -6.28 0.00	55.89 -7.16 0.34	47.76 -5.37 0.02	43.31 -3.97 0.00	41.57 -2.65 0.00
HUNTLEY___65 23559	45.03 -1.44 0.00	41.47 -1.86 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.55 -6.09 0.00	87.10 -8.09 0.00	72.55 -6.39 0.00	45.32 -3.36 0.00	39.40 -2.65 0.00	36.60 -2.84 0.00	34.96 -2.67 0.00	35.39 -2.70 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.43 -8.59 1.65	75.29 -6.28 0.00	55.89 -7.16 0.34	47.76 -5.37 0.02	43.31 -3.97 0.00	41.57 -2.65 0.00
HUNTLEY___66 23560	45.03 -1.44 0.00	41.47 -1.86 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.55 -6.09 0.00	87.10 -8.09 0.00	72.55 -6.39 0.00	45.32 -3.36 0.00	39.40 -2.65 0.00	36.60 -2.84 0.00	34.96 -2.67 0.00	35.39 -2.70 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.43 -8.59 1.65	75.29 -6.28 0.00	55.89 -7.16 0.34	47.76 -5.37 0.02	43.31 -3.97 0.00	41.57 -2.65 0.00
HUNTLEY___67 23561	44.75 -1.72 0.00	41.25 -2.08 0.00	38.69 -1.65 0.00	38.79 -1.37 0.00	39.39 -1.90 0.00	45.52 -2.91 0.00	65.34 -6.30 0.00	86.72 -8.47 0.00	72.24 -6.71 0.00	45.17 -3.50 0.00	39.31 -2.73 0.00	36.56 -2.88 0.00	34.92 -2.71 0.00	35.35 -2.74 0.00	35.44 -3.08 0.00	38.91 -3.11 0.00	46.19 -5.13 0.02	63.31 -7.27 0.02	77.17 -8.85 1.65	74.96 -6.61 0.00	55.80 -7.23 0.36	47.66 -5.48 0.02	43.17 -4.11 0.00	41.34 -2.87 0.00
HUNTLEY___68 23562	44.75 -1.72 0.00	41.25 -2.08 0.00	38.69 -1.65 0.00	38.79 -1.37 0.00	39.39 -1.90 0.00	45.52 -2.91 0.00	65.34 -6.30 0.00	86.72 -8.47 0.00	72.24 -6.71 0.00	45.17 -3.50 0.00	39.31 -2.73 0.00	36.56 -2.88 0.00	34.92 -2.71 0.00	35.35 -2.74 0.00	35.44 -3.08 0.00	38.91 -3.11 0.00	46.19 -5.13 0.02	63.31 -7.27 0.02	77.17 -8.85 1.65	74.96 -6.61 0.00	55.80 -7.23 0.36	47.66 -5.48 0.02	43.17 -4.11 0.00	41.34 -2.87 0.00



HYLAND___LFGE 323620	47.35 0.88 0.00	44.07 0.74 0.00	41.07 0.73 0.00	41.03 0.88 0.00	40.59 -0.70 0.00	47.32 -1.11 0.00	69.92 -1.72 0.00	93.38 -1.81 0.00	76.82 -2.13 0.00	46.39 -2.29 0.00	41.21 -0.84 0.00	38.45 -0.98 0.00	36.73 -0.90 0.00	36.99 -1.11 0.00	37.02 -1.50 0.00	40.93 -1.09 0.00	49.72 -1.59 0.03	69.51 -1.06 0.03	86.32 0.26 1.62	83.77 2.20 0.00	62.89 -0.13 0.37	52.86 -0.26 0.03	47.19 -0.09 0.00	44.44 0.22 0.00
INDECK___CORINTH 23802	47.26 0.79 0.00	44.15 0.82 0.00	41.15 0.81 0.00	40.95 0.80 0.00	42.16 0.87 0.00	49.40 0.97 0.00	73.43 1.79 0.00	98.04 2.85 0.00	80.21 1.26 0.00	48.83 0.15 0.00	41.92 -0.13 0.00	39.20 -0.24 0.00	37.37 -0.26 0.00	37.98 -0.11 0.00	38.49 -0.04 0.00	42.06 0.04 0.00	51.71 0.36 0.00	71.80 1.20 0.00	89.52 1.84 0.00	82.62 1.06 0.00	64.46 1.08 0.00	54.00 0.85 0.00	47.80 0.52 0.00	44.53 0.31 0.00
INDECK___ILION 23567	47.21 0.74 0.00	44.07 0.74 0.00	41.03 0.69 0.00	40.83 0.68 0.00	42.00 0.70 0.00	49.25 0.82 0.00	72.93 1.29 0.00	97.28 2.09 0.00	80.21 1.26 0.00	49.41 0.73 0.00	42.80 0.76 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.70 0.61 0.00	39.10 0.58 0.00	42.73 0.71 0.00	52.27 0.92 0.00	71.87 1.27 0.00	89.25 1.58 0.00	82.95 1.39 0.00	64.46 1.08 0.00	54.06 0.90 0.00	47.99 0.71 0.00	44.93 0.71 0.00
INDECK___OLEAN 23982	44.33 -2.14 0.00	41.38 -1.95 0.00	38.69 -1.66 0.00	38.79 -1.37 0.00	39.44 -1.86 0.00	45.62 -2.81 0.00	66.34 -5.30 0.00	88.52 -6.67 0.00	73.58 -5.37 0.00	45.61 -3.07 0.00	39.82 -2.23 0.00	36.99 -2.45 0.00	35.60 -2.03 0.00	35.84 -2.25 0.00	35.67 -2.85 0.00	39.24 -2.77 0.00	46.75 -4.57 0.03	64.43 -6.14 0.03	79.30 -6.75 1.63	77.00 -4.57 0.00	57.57 -5.45 0.36	49.30 -3.83 0.03	43.73 -3.55 0.00	41.65 -2.57 0.00
INDECK___OSWEGO 23783	45.36 -1.12 0.00	42.29 -1.04 0.00	39.38 -0.97 0.00	39.15 -1.00 0.00	40.30 -0.99 0.00	47.27 -1.16 0.00	70.00 -1.64 0.00	93.62 -1.90 -0.33	77.21 -1.74 0.00	47.46 -1.22 0.00	40.95 -1.09 0.00	38.41 -1.03 0.00	36.62 -1.01 0.00	37.06 -1.03 0.00	37.41 -1.12 0.00	40.89 -1.13 0.00	49.96 -1.38 0.00	68.70 -1.90 0.00	87.03 -2.10 -1.47	79.85 -1.72 0.00	62.22 -1.46 -0.29	51.88 -1.28 0.00	46.10 -1.18 0.00	43.12 -1.10 0.00
INDECK___YERKES 23781	44.84 -1.63 0.00	41.73 -1.60 0.00	38.97 -1.37 0.00	39.03 -1.12 0.00	39.68 -1.61 0.00	46.01 -2.42 0.00	65.48 -6.16 0.00	87.00 -8.19 0.00	73.03 -5.92 0.00	45.61 -3.07 0.00	39.69 -2.35 0.00	36.91 -2.52 0.00	35.64 -2.00 0.00	35.81 -2.28 0.00	35.52 -3.01 0.00	39.20 -2.81 0.00	46.44 -4.88 0.02	64.01 -6.56 0.02	77.69 -8.33 1.65	76.18 -5.39 0.00	56.97 -6.09 0.34	47.93 -5.21 0.02	43.54 -3.74 0.00	41.79 -2.43 0.00
INDIAN POINT_GT_1 24139	48.24 1.77 0.00	44.98 1.65 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.65 2.01 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.63 1.95 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.82 2.18 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
INDIAN POINT_GT_2 23659	48.24 1.77 0.00	44.98 1.65 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.65 2.01 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.63 1.95 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.82 2.18 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
INDIAN POINT_GT_3 24019	48.24 1.77 0.00	44.98 1.65 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.65 2.01 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.63 1.95 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.82 2.18 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.85 3.25 0.00	91.40 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
INDIAN POINT___2 23530	48.14 1.67 0.00	44.89 1.56 0.00	41.72 1.37 0.00	41.52 1.37 0.00	42.70 1.40 0.00	49.78 1.35 0.00	73.65 2.00 0.00	99.28 4.09 0.00	81.63 2.69 0.00	50.58 1.90 0.00	44.32 2.27 0.00	41.57 2.13 0.00	39.70 2.07 0.00	40.22 2.13 0.00	40.68 2.16 0.00	44.24 2.23 0.00	53.91 2.57 0.00	73.57 2.96 0.00	91.13 3.77 0.31	84.83 3.27 0.00	65.86 2.54 0.06	55.34 2.18 0.00	49.27 1.99 0.00	46.16 1.94 0.00
INDIAN POINT___3 23531	48.19 1.72 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.40 2.35 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.78 3.18 0.00	91.40 4.03 0.31	85.07 3.51 0.00	66.18 2.85 0.06	55.49 2.34 0.00	49.36 2.08 0.00	46.21 1.99 0.00
INGHAM_C_115KV_TB7 356103	48.14 1.67 0.00	44.94 1.60 0.00	41.88 1.53 0.00	41.64 1.49 0.00	42.86 1.57 0.00	50.22 1.79 0.00	74.36 2.72 0.00	99.19 4.00 0.00	81.79 2.84 0.00	50.38 1.70 0.00	43.69 1.64 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.50 1.41 0.00	39.87 1.35 0.00	43.57 1.55 0.00	53.24 1.90 0.00	73.21 2.61 0.00	90.92 3.24 0.00	84.50 2.94 0.00	65.61 2.22 0.00	55.07 1.91 0.00	48.89 1.61 0.00	45.77 1.55 0.00
IP CORINTH___1 23988	47.45 0.98 0.00	44.42 1.08 0.00	41.35 1.01 0.00	41.20 1.04 0.00	42.37 1.07 0.00	49.69 1.26 0.00	73.79 2.15 0.00	98.62 3.43 0.00	80.76 1.82 0.00	49.12 0.44 0.00	42.17 0.13 0.00	39.44 0.00 0.00	37.63 0.00 0.00	38.21 0.11 0.00	38.68 0.15 0.00	42.27 0.25 0.00	52.01 0.67 0.00	72.22 1.62 0.00	90.13 2.45 0.00	83.20 1.63 0.00	64.91 1.52 0.00	54.32 1.17 0.00	48.08 0.80 0.00	44.79 0.57 0.00
IP___TICONDEROGA 23804	49.31 2.83 0.00	46.15 2.82 0.00	42.93 2.58 0.00	42.80 2.65 0.00	44.02 2.73 0.00	52.59 4.16 0.00	78.59 6.95 0.00	105.09 9.90 0.00	85.34 6.39 0.00	51.11 2.43 0.00	43.60 1.56 0.00	40.62 1.18 0.00	38.65 1.02 0.00	39.31 1.22 0.00	39.84 1.31 0.00	43.70 1.68 0.00	54.06 2.72 0.00	74.91 4.31 0.00	93.72 6.05 0.00	86.54 4.98 0.00	67.38 3.99 0.00	56.40 3.24 0.00	49.74 2.46 0.00	46.25 2.03 0.00
ISLIP_RES_REC 323679	47.73 1.26 0.00	45.07 1.74 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.74 1.44 0.00	48.86 0.43 0.01	71.56 0.43 0.51	87.65 2.09 9.63	66.01 1.02 13.96	49.49 0.83 0.01	44.69 2.65 0.00	41.81 2.37 0.00	40.04 2.41 0.00	40.95 2.86 0.00	41.53 3.01 0.00	45.24 3.11 -0.11	53.29 1.95 0.00	72.43 1.83 0.00	89.29 1.93 0.31	83.11 1.55 0.00	64.79 1.46 0.06	54.85 1.70 0.00	48.74 1.47 0.00	46.38 2.17 0.00

JAMAICA__27_KV_LOAD 355505	48.70 2.23 0.00	45.37 2.04 0.00	42.20 1.86 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.32 1.89 0.00	73.93 2.29 0.00	100.24 5.05 0.00	82.34 3.39 0.00	51.36 2.68 0.00	45.07 3.03 0.00	42.28 2.84 0.00	40.42 2.78 0.00	40.99 2.89 0.00	41.41 2.89 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.41 3.81 0.00	92.10 4.73 0.30	85.73 4.16 0.00	66.75 3.42 0.06	56.19 3.03 0.00	50.21 2.93 0.00	46.96 2.74 0.00
JANIS__SOLAR 323808	47.96 1.49 0.00	44.81 1.47 0.00	41.67 1.33 0.00	41.44 1.28 0.00	42.65 1.36 0.00	50.22 1.79 0.00	74.79 3.15 0.00	100.23 5.04 0.00	82.19 3.24 0.00	49.60 0.92 0.00	42.59 0.55 0.00	39.68 0.24 0.00	37.71 0.08 0.00	38.21 0.11 0.00	38.56 0.04 0.00	42.48 0.46 0.00	52.36 0.97 -0.05	72.62 1.97 -0.05	89.60 3.25 1.32	85.48 3.92 0.00	65.61 2.41 0.19	55.11 1.91 -0.05	48.75 1.47 0.00	45.68 1.46 0.00
JARVIS____ 23743	46.52 0.05 0.00	43.38 0.04 0.00	40.38 0.04 0.00	40.19 0.04 0.00	41.33 0.04 0.00	48.53 0.10 0.00	71.79 0.14 0.00	95.67 0.48 0.00	79.03 0.08 0.00	48.73 0.05 0.00	42.09 0.04 0.00	39.48 0.04 0.00	37.67 0.04 0.00	38.13 0.04 0.00	38.56 0.04 0.00	42.06 0.04 0.00	51.45 0.10 0.00	70.74 0.14 0.00	87.94 0.26 0.00	81.73 0.16 0.00	63.58 0.19 0.00	53.32 0.16 0.00	47.33 0.05 0.00	44.26 0.04 0.00
JENNISON____1 23625	48.19 1.72 0.00	44.94 1.60 0.00	41.84 1.49 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.32 1.89 0.00	74.94 3.30 0.00	100.62 5.43 0.00	82.42 3.47 0.00	50.09 1.41 0.00	43.27 1.22 0.00	40.35 0.91 0.00	38.31 0.68 0.00	38.82 0.72 0.00	39.06 0.54 0.00	42.94 0.92 0.00	52.79 1.44 -0.01	73.15 2.54 -0.01	90.11 3.59 1.16	85.48 3.92 0.00	65.90 2.73 0.21	55.24 2.07 -0.01	48.75 1.47 0.00	45.72 1.50 0.00
JENNISON____2 23626	48.19 1.72 0.00	44.94 1.60 0.00	41.84 1.49 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.32 1.89 0.00	74.94 3.30 0.00	100.62 5.43 0.00	82.42 3.47 0.00	50.09 1.41 0.00	43.27 1.22 0.00	40.35 0.91 0.00	38.31 0.68 0.00	38.82 0.72 0.00	39.06 0.54 0.00	42.94 0.92 0.00	52.79 1.44 -0.01	73.15 2.54 -0.01	90.11 3.59 1.16	85.48 3.92 0.00	65.90 2.73 0.21	55.24 2.07 -0.01	48.75 1.47 0.00	45.72 1.50 0.00
JERICOHO_RISE_WT_PWR 323719	47.03 0.56 0.00	43.94 0.61 0.00	40.87 0.52 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.01 0.58 0.00	72.21 0.57 0.00	94.62 -0.57 0.00	79.50 0.56 0.00	49.17 0.49 0.00	42.22 0.17 0.00	39.64 0.20 0.00	37.78 0.15 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.29 -0.05 0.00	70.67 0.07 0.00	87.58 -0.09 0.00	81.65 0.08 0.00	63.26 -0.13 0.00	53.16 0.00 0.00	47.75 0.47 0.00	44.62 0.40 0.00
KATONAH__115KV_46KV_TB4 355592	48.42 1.95 0.00	45.15 1.82 0.00	42.04 1.69 0.00	41.76 1.61 0.00	42.99 1.69 0.00	50.08 1.65 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.18 3.24 0.00	50.82 2.14 0.00	44.57 2.52 0.00	41.81 2.37 0.00	39.93 2.30 0.00	40.42 2.32 0.00	40.84 2.31 0.00	44.45 2.44 0.00	54.22 2.88 0.00	74.27 3.67 0.00	91.93 4.56 0.30	85.56 4.00 0.00	66.56 3.23 0.06	55.76 2.60 0.00	49.60 2.32 0.00	46.39 2.17 0.00
KCE_NY_1 323755	47.91 1.44 0.00	44.68 1.34 0.00	41.60 1.25 0.00	41.40 1.25 0.00	42.57 1.28 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.09 3.90 0.00	81.16 2.21 0.00	49.65 0.97 0.00	42.63 0.59 0.00	39.91 0.47 0.00	38.09 0.45 0.00	38.66 0.57 0.00	39.14 0.61 0.00	42.73 0.71 0.00	52.63 1.28 0.00	72.86 2.26 0.00	90.82 3.15 0.00	83.85 2.28 0.00	65.48 2.09 0.00	54.86 1.70 0.00	48.51 1.23 0.00	45.19 0.97 0.00
KCE_NY_6_ESR 323823	44.84 -1.63 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.77 -1.53 0.00	46.11 -2.32 0.00	65.98 -5.66 0.00	87.77 -7.42 0.00	73.50 -5.45 0.00	45.81 -2.87 0.00	39.90 -2.14 0.00	37.07 -2.37 0.00	35.79 -1.84 0.00	35.96 -2.13 0.00	35.71 -2.81 0.00	39.41 -2.61 0.00	46.75 -4.57 0.02	64.43 -6.14 0.02	78.49 -7.54 1.64	76.75 -4.81 0.00	57.32 -5.70 0.36	48.51 -4.62 0.02	43.78 -3.50 0.00	41.87 -2.34 0.00
KEDC_PORT_JEFF_GT2 24210	47.49 1.02 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.27 1.12 0.00	42.53 1.24 0.00	48.57 0.15 0.01	71.12 0.00 0.52	86.86 1.43 9.76	65.43 0.63 14.15	49.35 0.68 0.02	44.44 2.40 0.00	41.57 2.13 0.00	39.81 2.18 0.00	40.71 2.63 0.00	41.30 2.78 0.00	45.01 2.90 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.48 1.33 0.01	48.50 1.23 0.01	46.16 1.94 0.00
KEDC_PORT_JEFF_GT3 24211	47.49 1.02 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.27 1.12 0.00	42.53 1.24 0.00	48.57 0.15 0.01	71.12 0.00 0.52	86.86 1.43 9.76	65.43 0.63 14.15	49.35 0.68 0.02	44.44 2.40 0.00	41.57 2.13 0.00	39.81 2.18 0.00	40.71 2.63 0.00	41.30 2.78 0.00	45.01 2.90 -0.09	52.83 1.49 0.00	71.80 1.20 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.48 1.33 0.01	48.50 1.23 0.01	46.16 1.94 0.00
KEDC_GLWD_GT4 24219	48.19 1.72 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.68 1.53 0.00	42.95 1.65 0.00	49.73 1.31 0.00	73.33 1.86 0.17	96.03 4.09 3.25	77.01 2.69 4.62	50.57 1.90 0.01	44.95 2.90 -0.01	42.04 2.60 0.00	40.19 2.56 0.00	40.92 2.82 -0.01	41.39 2.85 -0.01	45.60 3.03 -0.55	54.17 2.82 0.00	73.78 3.18 0.00	91.49 4.12 0.31	84.99 3.43 0.00	65.99 2.66 0.06	55.56 2.39 -0.01	49.36 2.08 -0.01	46.39 2.17 -0.01
KEDC_GLWD_GT5 24220	48.19 1.72 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.68 1.53 0.00	42.95 1.65 0.00	49.73 1.31 0.00	73.33 1.86 0.17	96.03 4.09 3.25	77.01 2.69 4.62	50.57 1.90 0.01	44.95 2.90 -0.01	42.04 2.60 0.00	40.19 2.56 0.00	40.92 2.82 -0.01	41.39 2.85 -0.01	45.60 3.03 -0.55	54.17 2.82 0.00	73.78 3.18 0.00	91.49 4.12 0.31	84.99 3.43 0.00	65.99 2.66 0.06	55.56 2.39 -0.01	49.36 2.08 -0.01	46.39 2.17 -0.01
KENSICO____ 23655	48.33 1.86 0.00	45.07 1.73 0.00	41.92 1.57 0.00	41.60 1.45 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.72 2.08 0.00	99.57 4.38 0.00	81.87 2.92 0.00	50.77 2.09 0.00	44.57 2.52 0.00	41.81 2.37 0.00	40.00 2.37 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.22 2.88 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.32 3.75 0.00	66.37 3.04 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.61 2.14 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.84 1.69 0.00	43.11 1.82 0.00	50.32 1.89 0.00	74.65 3.01 0.00	100.52 5.33 0.00	82.66 3.71 0.00	50.82 2.14 0.00	44.27 2.23 0.00	41.45 2.01 0.00	39.59 1.96 0.00	40.07 1.98 0.00	40.53 2.00 0.00	44.16 2.14 0.00	54.06 2.72 0.00	74.34 3.74 0.00	92.36 5.00 0.31	86.05 4.49 0.00	66.75 3.42 0.06	55.87 2.71 0.00	49.64 2.36 0.00	46.43 2.21 0.00

KIAC_JFK_GT1 23816	48.47 2.00 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.68 1.53 0.00	42.86 1.57 0.00	50.08 1.65 0.00	73.22 1.58 0.00	99.38 4.19 0.00	81.63 2.68 0.00	51.11 2.43 0.00	44.86 2.82 0.00	42.04 2.60 0.00	40.23 2.60 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.75 2.73 0.00	54.53 3.18 0.00	73.78 3.18 0.00	91.31 3.95 0.30	84.91 3.34 0.00	66.12 2.79 0.06	55.87 2.71 0.00	49.93 2.65 0.00	46.70 2.48 0.00
KIAC_JFK_GT2 23817	48.47 2.00 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.68 1.53 0.00	42.86 1.57 0.00	50.08 1.65 0.00	73.22 1.58 0.00	99.38 4.19 0.00	81.63 2.68 0.00	51.11 2.43 0.00	44.86 2.82 0.00	42.04 2.60 0.00	40.23 2.60 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.75 2.73 0.00	54.53 3.18 0.00	73.78 3.18 0.00	91.31 3.95 0.30	84.91 3.34 0.00	66.12 2.79 0.06	55.87 2.71 0.00	49.93 2.65 0.00	46.70 2.48 0.00
KIAC_JFK____ 323774	48.38 1.91 0.00	45.07 1.74 0.00	41.96 1.62 0.00	41.68 1.53 0.00	42.86 1.57 0.00	50.03 1.60 0.00	73.29 1.65 0.00	99.28 4.09 0.00	81.55 2.60 0.00	51.06 2.38 0.00	44.78 2.73 0.00	42.00 2.56 0.00	40.12 2.48 0.00	40.72 2.63 0.00	41.18 2.66 0.00	44.71 2.69 0.00	54.37 3.03 0.00	73.57 2.96 0.00	91.13 3.77 0.30	84.66 3.10 0.00	65.73 2.41 0.06	55.76 2.60 0.00	49.83 2.55 0.00	46.61 2.39 0.00
KINTIGH__24_KV_GSU 356498	44.80 -1.67 0.00	41.64 -1.69 0.00	38.89 -1.45 0.00	38.87 -1.29 0.00	39.64 -1.65 0.00	45.96 -2.47 0.00	65.91 -5.73 0.00	87.39 -7.80 0.00	73.26 -5.69 0.00	45.76 -2.92 0.00	39.73 -2.31 0.00	37.15 -2.29 0.00	35.83 -1.81 0.00	35.96 -2.13 0.00	35.75 -2.77 0.00	39.50 -2.52 0.00	46.81 -4.52 0.02	64.37 -6.21 0.02	77.94 -8.06 1.67	76.43 -5.14 0.00	57.32 -5.70 0.36	47.98 -5.16 0.02	43.78 -3.50 0.00	41.83 -2.39 0.00
KINTIGH____ 23543	44.98 -1.49 0.00	41.47 -1.86 0.00	38.85 -1.49 0.00	38.87 -1.28 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	66.05 -5.59 0.00	87.57 -7.62 0.00	72.95 -6.00 0.00	45.51 -3.16 0.00	39.52 -2.52 0.00	36.91 -2.41 0.00	35.22 -2.48 0.00	35.62 -2.77 0.00	35.75 -2.77 0.00	39.24 -2.77 0.00	46.50 -4.83 0.02	63.17 -7.41 0.02	77.15 -8.85 1.67	75.61 -5.95 0.00	55.54 -7.48 0.36	47.56 -5.58 0.02	43.59 -3.69 0.00	41.65 -2.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.49 1.02 0.00	44.42 1.08 0.00	41.27 0.93 0.00	41.12 0.96 0.00	42.33 1.03 0.00	49.40 0.97 0.00	72.50 0.86 0.00	94.81 -0.38 0.00	79.74 0.79 0.00	49.46 0.78 0.00	42.42 0.38 0.00	39.83 0.39 0.00	37.97 0.34 0.00	38.28 0.19 0.00	38.76 0.23 0.00	42.31 0.29 0.00	51.45 0.10 0.00	70.88 0.28 0.00	87.85 0.18 0.00	81.89 0.33 0.00	63.51 0.13 0.00	53.47 0.32 0.00	48.27 0.99 0.00	45.10 0.88 0.00
LACHUTE____HYDRO 323717	49.40 2.93 0.00	46.15 2.82 0.00	42.93 2.58 0.00	42.80 2.65 0.00	44.02 2.72 0.00	52.60 4.17 0.00	78.59 6.95 0.00	105.00 9.81 0.00	85.27 6.32 0.00	51.11 2.43 0.00	43.60 1.56 0.00	40.62 1.18 0.00	38.61 0.98 0.00	39.31 1.22 0.00	39.84 1.31 0.00	43.70 1.68 0.00	54.01 2.67 0.00	74.84 4.24 0.00	93.64 5.96 0.00	86.46 4.89 0.00	67.25 3.87 0.00	56.34 3.19 0.00	49.78 2.50 0.00	46.25 2.04 0.00
LAWRNCALV_115KV_TB1 80681	47.87 1.39 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.48 1.33 0.00	42.74 1.45 0.00	50.22 1.79 0.00	74.51 2.87 0.00	97.00 1.81 0.00	81.71 2.76 0.00	49.94 1.27 0.00	42.85 0.80 0.00	40.23 0.79 0.00	38.39 0.75 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.82 0.80 0.00	51.91 0.56 0.00	71.45 0.85 0.00	88.37 0.70 0.00	82.63 1.06 0.00	64.34 0.95 0.00	54.43 1.28 0.00	48.79 1.51 0.00	45.59 1.37 0.00
LEDERLE____ 23769	48.42 1.95 0.00	45.15 1.82 0.00	41.96 1.61 0.00	41.72 1.57 0.00	42.95 1.65 0.00	50.03 1.60 0.00	74.01 2.36 0.00	99.95 4.76 0.00	82.18 3.24 0.00	50.87 2.19 0.00	44.61 2.56 0.00	41.81 2.37 0.00	39.97 2.33 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.27 2.93 0.00	74.20 3.60 0.00	91.92 4.56 0.31	85.64 4.08 0.00	66.56 3.23 0.06	55.76 2.60 0.00	49.60 2.32 0.00	46.39 2.17 0.00
LIGHTHSE_115KV_TB6 355974	46.29 -0.19 0.00	43.20 -0.13 0.00	40.22 -0.12 0.00	39.99 -0.16 0.00	41.17 -0.12 0.00	48.43 0.00 0.00	71.86 0.21 0.00	96.02 0.67 -0.16	79.03 0.08 0.00	48.34 -0.34 0.00	41.63 -0.42 0.00	38.97 -0.47 0.00	37.11 -0.53 0.00	37.56 -0.53 0.00	37.91 -0.62 0.00	41.47 -0.55 0.00	50.62 -0.72 0.00	69.75 -0.85 0.00	87.06 -0.61 0.00	81.48 -0.08 0.00	63.13 -0.25 0.00	53.05 -0.11 0.00	47.14 -0.14 0.00	44.04 -0.18 0.00
LINDEN COGEN____ 23786	48.33 1.86 0.00	45.02 1.69 0.00	41.91 1.57 0.00	41.68 1.53 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.79 2.15 0.00	99.76 4.57 0.00	82.11 3.16 0.00	51.06 2.38 0.00	44.86 2.82 0.00	42.12 2.68 0.00	40.27 2.63 0.00	40.80 2.70 0.00	41.26 2.74 0.00	44.75 2.73 0.00	54.48 3.13 0.00	74.13 3.53 0.00	91.75 4.38 0.31	85.32 3.75 0.00	66.24 2.92 0.06	55.76 2.60 0.00	49.64 2.36 0.00	46.47 2.25 0.00
LINDHRST_69_KV_BK1 356055	48.61 2.14 0.00	45.76 2.43 0.00	42.28 1.94 0.00	41.88 1.73 0.00	43.15 1.86 0.00	49.54 1.11 0.00	72.22 1.00 0.42	90.39 3.14 7.94	69.28 1.74 11.41	50.18 1.51 0.01	45.25 3.20 0.00	42.20 2.76 0.00	40.57 2.94 0.00	41.33 3.24 0.00	41.80 3.27 0.00	45.65 3.32 -0.31	54.22 2.88 0.00	73.99 3.39 0.00	91.48 4.12 0.31	85.56 4.00 0.00	66.43 3.11 0.06	55.55 2.39 0.00	49.36 2.08 0.00	46.65 2.43 0.00
LIPA_MISC_IPP 23656	47.91 1.44 0.00	45.20 1.86 0.00	41.68 1.33 0.00	41.32 1.16 0.00	42.57 1.28 0.00	48.53 0.10 0.00	70.97 -0.14 0.52	86.70 1.33 9.82	65.35 0.63 14.23	49.39 0.73 0.02	44.52 2.48 0.00	41.69 2.25 0.00	40.12 2.48 0.00	40.91 2.82 0.00	41.33 2.81 0.00	45.05 2.94 -0.09	53.45 2.11 0.00	72.72 2.12 0.00	89.20 1.84 0.31	83.77 2.20 0.00	65.29 1.97 0.06	54.59 1.44 0.00	48.46 1.18 0.00	46.07 1.86 0.00
LISF____SOLAR 323691	47.45 0.98 0.00	44.81 1.47 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.47 0.05 0.01	71.19 0.07 0.52	86.91 1.52 9.80	65.38 0.63 14.20	49.25 0.59 0.02	44.31 2.27 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.97 2.86 -0.09	52.88 1.54 0.00	71.87 1.27 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.42 1.27 0.01	48.41 1.13 0.01	46.11 1.90 0.00
LITTLE FALLS____HYD 24013	48.14 1.67 0.00	44.94 1.60 0.00	41.88 1.53 0.00	41.64 1.49 0.00	42.86 1.57 0.00	50.22 1.79 0.00	74.36 2.72 0.00	99.19 4.00 0.00	81.79 2.84 0.00	50.38 1.70 0.00	43.69 1.64 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.50 1.41 0.00	39.87 1.35 0.00	43.57 1.55 0.00	53.24 1.90 0.00	73.21 2.61 0.00	90.92 3.24 0.00	84.50 2.94 0.00	65.61 2.22 0.00	55.07 1.91 0.00	48.89 1.61 0.00	45.77 1.55 0.00

LITTLRIV_115KV_TB1 356100	48.38 1.91 0.00	45.33 1.99 0.00	42.12 1.78 0.00	41.96 1.81 0.00	43.19 1.90 0.00	50.85 2.42 0.00	75.65 4.01 0.00	98.52 3.33 0.00	82.66 3.71 0.00	50.29 1.61 0.00	43.10 1.05 0.00	40.42 0.99 0.00	38.54 0.90 0.00	38.89 0.80 0.00	39.33 0.81 0.00	43.07 1.05 0.00	52.27 0.92 0.00	72.15 1.55 0.00	89.51 1.84 0.00	83.85 2.28 0.00	65.23 1.84 0.00	55.18 2.02 0.00	49.31 2.03 0.00	46.08 1.86 0.00
LI_NEWBRDGE___DRP 323616	47.91 1.44 0.00	45.07 1.73 0.00	41.68 1.33 0.00	41.32 1.16 0.00	42.57 1.28 0.00	48.91 0.48 0.00	71.65 0.57 0.56	87.14 2.47 10.53	65.03 1.34 15.26	49.78 1.12 0.02	44.73 2.69 0.01	41.77 2.33 0.00	40.08 2.45 0.00	40.79 2.70 0.01	41.25 2.74 0.01	44.93 2.90 -0.01	53.50 2.16 0.00	72.93 2.33 0.00	90.08 2.72 0.31	84.18 2.61 0.00	65.42 2.09 0.06	54.69 1.54 0.01	48.65 1.37 0.01	45.94 1.72 0.01
LOCKPORT_115KV_TB60_63_64 80432	45.22 -1.25 0.00	41.64 -1.69 0.00	39.01 -1.33 0.00	39.11 -1.04 0.00	39.72 -1.57 0.00	45.91 -2.52 0.00	65.27 -6.38 0.00	86.72 -8.47 0.00	72.24 -6.71 0.00	45.08 -3.60 0.00	39.15 -2.90 0.00	36.44 -3.00 0.00	34.77 -2.86 0.00	35.20 -2.89 0.00	35.29 -3.24 0.00	38.74 -3.28 0.00	45.98 -5.34 0.02	62.88 -7.70 0.02	76.81 -9.21 1.65	74.88 -6.69 0.00	55.36 -7.67 0.35	47.39 -5.74 0.02	43.12 -4.16 0.00	41.57 -2.65 0.00
LOCKPORT___CC1 323769	44.89 -1.58 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.72 -1.57 0.00	46.06 -2.37 0.00	65.12 -6.52 0.00	86.43 -8.76 0.00	72.56 -6.39 0.00	45.27 -3.41 0.00	39.40 -2.65 0.00	36.68 -2.76 0.00	35.45 -2.18 0.00	35.58 -2.52 0.00	35.33 -3.20 0.00	38.99 -3.03 0.00	46.14 -5.18 0.02	63.52 -7.06 0.02	77.08 -8.94 1.65	75.69 -5.87 0.00	56.63 -6.40 0.36	47.60 -5.53 0.02	43.31 -3.97 0.00	41.74 -2.48 0.00
LOCKPORT___CC2 323770	44.89 -1.58 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.72 -1.57 0.00	46.06 -2.37 0.00	65.12 -6.52 0.00	86.43 -8.76 0.00	72.56 -6.39 0.00	45.27 -3.41 0.00	39.40 -2.65 0.00	36.68 -2.76 0.00	35.45 -2.18 0.00	35.58 -2.52 0.00	35.33 -3.20 0.00	38.99 -3.03 0.00	46.14 -5.18 0.02	63.52 -7.06 0.02	77.08 -8.94 1.65	75.69 -5.87 0.00	56.63 -6.40 0.36	47.60 -5.53 0.02	43.31 -3.97 0.00	41.74 -2.48 0.00
LOCKPORT___CC3 323771	44.89 -1.58 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.72 -1.57 0.00	46.06 -2.37 0.00	65.12 -6.52 0.00	86.43 -8.76 0.00	72.56 -6.39 0.00	45.27 -3.41 0.00	39.40 -2.65 0.00	36.68 -2.76 0.00	35.45 -2.18 0.00	35.58 -2.52 0.00	35.33 -3.20 0.00	38.99 -3.03 0.00	46.14 -5.18 0.02	63.52 -7.06 0.02	77.08 -8.94 1.65	75.69 -5.87 0.00	56.63 -6.40 0.36	47.60 -5.53 0.02	43.31 -3.97 0.00	41.74 -2.48 0.00
LOCUSVLY_69_KV_BK2 55797	48.38 1.91 0.00	45.41 2.08 0.00	42.04 1.69 0.00	41.72 1.57 0.00	42.95 1.65 0.00	49.54 1.11 0.00	72.81 1.43 0.26	93.88 3.62 4.92	74.17 2.29 7.06	50.37 1.70 0.01	45.08 3.03 -0.01	42.12 2.68 0.00	40.42 2.78 0.00	41.11 3.01 -0.01	41.54 3.00 -0.01	45.66 3.19 -0.45	54.17 2.82 0.00	73.85 3.25 0.00	91.31 3.95 0.31	85.24 3.67 0.00	66.24 2.92 0.06	55.45 2.29 0.00	49.22 1.94 0.00	46.39 2.17 -0.01
LONG_LAKE_PHOENIX 24014	45.54 -0.93 0.00	42.42 -0.91 0.00	39.54 -0.81 0.00	39.35 -0.80 0.00	40.47 -0.83 0.00	47.46 -0.97 0.00	70.35 -1.29 0.00	94.01 -1.43 -0.25	77.53 -1.42 0.00	47.71 -0.97 0.00	41.16 -0.88 0.00	38.57 -0.87 0.00	36.77 -0.87 0.00	37.22 -0.88 0.00	37.60 -0.92 0.00	41.05 -0.97 0.00	50.16 -1.18 0.00	68.98 -1.62 0.00	86.54 -1.75 -0.62	80.18 -1.39 0.00	62.18 -1.33 -0.12	52.04 -1.12 0.00	46.29 -0.99 0.00	43.29 -0.93 0.00
LOVETT___3 23632	48.24 1.77 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.44 2.40 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.80 2.27 0.00	44.33 2.31 0.00	54.06 2.72 0.00	73.85 3.25 0.00	91.39 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
LOVETT___4 23642	48.24 1.77 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.44 2.40 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.80 2.27 0.00	44.33 2.31 0.00	54.06 2.72 0.00	73.85 3.25 0.00	91.39 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
LOVETT___5 23593	48.24 1.77 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.44 2.40 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.80 2.27 0.00	44.33 2.31 0.00	54.06 2.72 0.00	73.85 3.25 0.00	91.39 4.03 0.31	85.07 3.51 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
LOWER RAQUET___HYD 24057	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.44 0.00	42.82 1.53 0.00	50.37 1.94 0.00	74.79 3.15 0.00	97.47 2.28 0.00	81.87 2.92 0.00	49.99 1.31 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.38 0.75 0.00	38.74 0.65 0.00	39.26 0.73 0.00	42.86 0.84 0.00	51.86 0.51 0.00	71.31 0.71 0.00	88.29 0.62 0.00	82.62 1.06 0.00	64.27 0.89 0.00	54.54 1.38 0.00	48.89 1.61 0.00	45.68 1.46 0.00
LOWER___HUDSON 24059	47.45 0.98 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.04 0.74 0.00	49.54 1.11 0.00	73.15 1.51 0.00	97.76 2.57 0.00	79.97 1.02 0.00	49.36 0.68 0.00	42.34 0.30 0.00	39.72 0.28 0.00	37.93 0.30 0.00	38.51 0.42 0.00	38.99 0.46 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.37 1.77 0.00	90.04 2.37 0.00	82.95 1.39 0.00	64.97 1.59 0.00	54.43 1.27 0.00	47.99 0.71 0.00	44.71 0.49 0.00
LOWVILLE_115KV_TB2 356335	47.54 1.07 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.66 1.36 0.00	50.27 1.84 0.00	75.01 3.37 0.00	99.80 4.57 -0.04	82.03 3.08 0.00	49.70 1.02 0.00	42.72 0.67 0.00	39.99 0.55 0.00	38.08 0.45 0.00	38.55 0.46 0.00	38.87 0.35 0.00	42.69 0.67 0.00	51.81 0.46 0.00	71.52 0.92 0.00	89.00 1.58 0.25	83.77 2.20 0.00	64.92 1.58 0.05	55.23 2.07 0.00	48.84 1.56 0.00	45.63 1.42 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.82 1.35 0.00	44.63 1.30 0.00	41.55 1.21 0.00	41.40 1.24 0.00	42.57 1.28 0.00	50.03 1.60 0.00	74.08 2.44 0.00	99.00 3.81 0.00	81.16 2.21 0.00	49.65 0.97 0.00	42.59 0.55 0.00	39.91 0.47 0.00	38.08 0.45 0.00	38.66 0.57 0.00	39.14 0.62 0.00	42.73 0.71 0.00	52.63 1.28 0.00	72.93 2.33 0.00	90.83 3.16 0.00	83.85 2.28 0.00	65.54 2.16 0.00	54.86 1.70 0.00	48.46 1.18 0.00	45.19 0.97 0.00

LUTHERNY_35_KV_BK2 355980	47.87 1.39 0.00	44.68 1.34 0.00	41.59 1.25 0.00	41.40 1.24 0.00	42.57 1.28 0.00	50.08 1.65 0.00	74.15 2.51 0.00	99.09 3.90 0.00	81.24 2.29 0.00	49.65 0.97 0.00	42.64 0.59 0.00	39.91 0.47 0.00	38.12 0.49 0.00	38.70 0.61 0.00	39.18 0.65 0.00	42.77 0.76 0.00	52.68 1.33 0.00	72.93 2.33 0.00	90.83 3.16 0.00	83.93 2.37 0.00	65.61 2.22 0.00	54.91 1.75 0.00	48.51 1.23 0.00	45.19 0.97 0.00
LWR___OSWEGATCHIE_HYD 23850	47.73 1.25 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.22 0.00	98.37 3.14 -0.04	81.63 2.68 0.00	49.65 0.97 0.00	42.55 0.50 0.00	39.91 0.47 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.91 0.39 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.09 0.49 0.00	88.46 0.79 0.00	82.87 1.31 0.00	64.40 1.01 0.00	54.80 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
LYONS_FALL_HYD 23570	47.49 1.02 0.00	44.59 1.26 0.00	41.47 1.13 0.00	41.24 1.08 0.00	42.49 1.20 0.00	50.03 1.60 0.00	74.51 2.87 0.00	99.31 4.09 -0.03	81.71 2.76 0.00	49.65 0.97 0.00	42.72 0.67 0.00	40.03 0.59 0.00	38.09 0.45 0.00	38.55 0.46 0.00	38.91 0.39 0.00	42.65 0.63 0.00	51.96 0.62 0.00	71.73 1.13 0.00	89.20 1.84 0.32	83.77 2.20 0.00	64.91 1.59 0.06	54.91 1.75 0.00	48.60 1.32 0.00	45.46 1.24 0.00
MADISON___COUNTY_LFGE 323628	47.59 1.12 0.00	44.46 1.13 0.00	41.39 1.05 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.88 1.45 0.00	74.22 2.58 0.00	99.28 4.09 0.00	81.55 2.61 0.00	49.75 1.07 0.00	42.85 0.80 0.00	40.11 0.67 0.00	38.12 0.49 0.00	38.62 0.53 0.00	38.99 0.46 0.00	42.73 0.71 0.00	52.32 0.98 0.00	72.22 1.62 0.00	89.32 2.37 0.72	84.18 2.61 0.00	65.08 1.84 0.14	54.75 1.59 0.00	48.41 1.13 0.00	45.32 1.11 0.00
MALONE___115KV_TB1 356076	47.82 1.35 0.00	44.76 1.43 0.00	41.59 1.25 0.00	41.44 1.28 0.00	42.66 1.36 0.00	50.03 1.60 0.00	74.01 2.36 0.00	96.62 1.43 0.00	81.40 2.45 0.00	50.04 1.36 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.66 0.57 0.00	39.14 0.62 0.00	42.73 0.71 0.00	51.96 0.62 0.00	71.87 1.27 0.00	88.99 1.32 0.00	83.12 1.55 0.00	64.46 1.08 0.00	54.22 1.06 0.00	48.60 1.32 0.00	45.41 1.19 0.00
MAPLEWOD_115KV_TB3 80458	46.98 0.51 0.00	43.85 0.52 0.00	40.83 0.48 0.00	40.67 0.52 0.00	41.83 0.54 0.00	49.16 0.73 0.00	72.65 1.00 0.00	97.19 2.00 0.00	79.74 0.79 0.00	49.12 0.44 0.00	42.30 0.25 0.00	39.68 0.24 0.00	37.93 0.30 0.00	38.47 0.38 0.00	38.91 0.39 0.00	42.40 0.38 0.00	52.16 0.82 0.00	71.94 1.34 0.00	89.43 1.75 0.00	82.54 0.98 0.00	64.65 1.27 0.00	54.11 0.96 0.00	47.75 0.47 0.00	44.53 0.31 0.00
MAPLE_RIDGE_WT_1 323574	46.33 -0.14 0.00	43.25 -0.09 0.00	40.26 -0.08 0.00	40.11 -0.04 0.00	41.29 0.00 0.00	48.43 0.00 0.00	71.64 0.00 0.00	94.91 -0.28 0.00	78.87 -0.08 0.00	48.68 0.00 0.00	42.00 -0.04 0.00	39.44 0.00 0.00	37.60 -0.04 0.00	38.05 -0.04 0.00	38.49 -0.04 0.00	41.93 -0.08 0.00	51.19 -0.15 0.00	70.32 -0.28 0.00	87.06 -0.61 0.00	80.91 -0.66 0.00	62.88 -0.51 0.00	52.84 -0.32 0.00	47.09 -0.19 0.00	44.09 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	46.33 -0.14 0.00	43.25 -0.09 0.00	40.26 -0.08 0.00	40.11 -0.04 0.00	41.29 0.00 0.00	48.43 0.00 0.00	71.64 0.00 0.00	94.91 -0.28 0.00	78.87 -0.08 0.00	48.68 0.00 0.00	42.00 -0.04 0.00	39.44 0.00 0.00	37.60 -0.04 0.00	38.05 -0.04 0.00	38.49 -0.04 0.00	41.93 -0.08 0.00	51.19 -0.15 0.00	70.32 -0.28 0.00	87.06 -0.61 0.00	80.91 -0.66 0.00	62.88 -0.51 0.00	52.84 -0.32 0.00	47.09 -0.19 0.00	44.09 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	47.03 0.56 0.00	43.94 0.61 0.00	40.87 0.52 0.00	40.71 0.56 0.00	41.87 0.58 0.00	48.96 0.53 0.00	72.07 0.43 0.00	94.43 -0.76 0.00	79.34 0.40 0.00	49.12 0.44 0.00	42.22 0.17 0.00	39.60 0.16 0.00	37.75 0.11 0.00	38.13 0.04 0.00	38.68 0.15 0.00	42.10 0.08 0.00	51.24 -0.10 0.00	70.53 -0.07 0.00	87.41 -0.26 0.00	81.40 -0.16 0.00	63.13 -0.25 0.00	53.10 -0.05 0.00	47.75 0.47 0.00	44.62 0.40 0.00
MARSHVLE_115KV_TB1 80742	47.77 1.30 0.00	44.59 1.26 0.00	41.47 1.13 0.00	41.32 1.16 0.00	42.53 1.24 0.00	50.17 1.74 0.00	74.87 3.22 0.00	100.14 4.95 0.00	80.84 1.89 0.00	48.24 -0.44 0.00	41.21 -0.84 0.00	38.53 -0.91 0.00	36.77 -0.87 0.00	37.33 -0.76 0.00	37.79 -0.73 0.00	41.47 -0.55 0.00	51.29 -0.05 0.00	72.30 1.69 0.00	90.38 3.07 0.36	84.18 2.61 0.00	65.34 2.03 0.07	55.02 1.86 0.00	48.56 1.28 0.00	45.19 0.97 0.00
MARSH_HILL_WT_PWR 323713	45.22 -1.25 0.00	42.12 -1.21 0.00	39.38 -0.97 0.00	39.35 -0.80 0.00	40.01 -1.28 0.00	46.59 -1.84 0.00	67.77 -3.87 0.00	90.34 -4.85 0.00	75.08 -3.87 0.00	46.05 -2.63 0.00	40.11 -1.93 0.00	37.31 -2.13 0.00	35.79 -1.84 0.00	36.03 -2.06 0.00	35.90 -2.62 0.00	39.62 -2.39 0.00	47.43 -3.85 0.06	65.74 -4.80 0.06	80.57 -5.52 1.58	78.38 -3.18 0.00	58.73 -4.25 0.41	49.54 -3.56 0.06	44.49 -2.79 0.00	42.01 -2.21 0.00
MCINTYRE_115KV_TB2 80467	48.52 2.04 0.00	45.46 2.12 0.00	42.24 1.90 0.00	42.04 1.89 0.00	43.32 2.02 0.00	51.00 2.57 0.00	75.87 4.23 0.00	98.62 3.43 0.00	82.74 3.79 0.00	50.33 1.66 0.00	43.10 1.05 0.00	40.46 1.03 0.00	38.54 0.90 0.00	38.89 0.80 0.00	39.37 0.85 0.00	43.07 1.05 0.00	52.42 1.08 0.00	72.65 2.05 0.00	90.30 2.63 0.00	84.58 3.02 0.00	65.67 2.28 0.00	55.39 2.23 0.00	49.46 2.17 0.00	46.21 1.99 0.00
MECO_____69_KV_BK1 80468	48.56 2.09 0.00	45.33 1.99 0.00	42.16 1.82 0.00	42.00 1.85 0.00	43.28 1.98 0.00	51.04 2.62 0.00	76.08 4.44 0.00	101.76 6.57 0.00	82.18 3.24 0.00	49.02 0.34 0.00	41.71 -0.34 0.00	38.93 -0.51 0.00	37.14 -0.49 0.00	37.75 -0.34 0.00	38.33 -0.19 0.00	42.14 0.13 0.00	52.32 0.98 0.00	73.71 3.11 0.00	92.09 4.73 0.32	85.64 4.08 0.00	66.49 3.17 0.06	55.87 2.71 0.00	49.31 2.03 0.00	45.86 1.64 0.00
MENANDS___115KV_TB5 355628	46.80 0.33 0.00	43.64 0.30 0.00	40.67 0.32 0.00	40.47 0.32 0.00	41.62 0.33 0.00	48.91 0.48 0.00	72.29 0.64 0.00	96.71 1.52 0.00	79.34 0.39 0.00	48.92 0.24 0.00	42.13 0.08 0.00	39.60 0.16 0.00	37.86 0.23 0.00	38.36 0.27 0.00	38.83 0.31 0.00	42.27 0.25 0.00	51.96 0.62 0.00	71.66 1.06 0.00	89.07 1.40 0.00	82.14 0.57 0.00	64.40 1.01 0.00	53.85 0.69 0.00	47.52 0.24 0.00	44.31 0.09 0.00
MG INDUSTRY___DRP 24185	46.98 0.51 0.00	43.85 0.52 0.00	40.83 0.48 0.00	40.63 0.48 0.00	41.79 0.50 0.00	49.06 0.63 0.00	72.50 0.86 0.00	96.90 1.71 0.00	79.58 0.63 0.00	48.87 0.19 0.00	42.17 0.13 0.00	39.56 0.12 0.00	37.78 0.15 0.00	38.28 0.19 0.00	38.76 0.23 0.00	42.27 0.25 0.00	51.91 0.56 0.00	71.59 0.99 0.00	89.07 1.40 0.00	82.38 0.82 0.00	64.40 1.01 0.00	53.95 0.80 0.00	47.75 0.47 0.00	44.57 0.35 0.00

MID___OSWEGATCHIE_HYD 23849	47.73 1.25 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.22 0.00	98.37 3.14 -0.04	81.63 2.68 0.00	49.65 0.97 0.00	42.55 0.50 0.00	39.91 0.47 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.91 0.39 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.09 0.49 0.00	88.46 0.79 0.00	82.87 1.31 0.00	64.40 1.01 0.00	54.80 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
MID___RAQUETTE_HYD 23851	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.37 1.94 0.00	74.79 3.15 0.00	97.47 2.28 0.00	81.87 2.92 0.00	49.99 1.31 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.86 0.84 0.00	51.86 0.51 0.00	71.31 0.71 0.00	88.29 0.61 0.00	82.54 0.98 0.00	64.27 0.89 0.00	54.54 1.38 0.00	48.89 1.61 0.00	45.68 1.46 0.00
MILLIKEN___1 23584	46.98 0.51 0.00	43.77 0.43 0.00	40.75 0.40 0.00	40.55 0.40 0.00	41.71 0.41 0.00	48.96 0.53 0.00	72.72 1.07 0.00	97.22 2.00 -0.03	80.13 1.18 0.00	49.02 0.34 0.00	42.26 0.21 0.00	39.52 0.08 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.60 0.21 -0.05	71.15 0.49 -0.05	87.48 1.14 1.33	82.95 1.39 0.00	63.97 0.76 0.18	53.79 0.58 -0.05	47.71 0.43 0.00	44.62 0.40 0.00
MILLIKEN___2 23585	46.98 0.51 0.00	43.77 0.43 0.00	40.75 0.40 0.00	40.55 0.40 0.00	41.71 0.41 0.00	48.96 0.53 0.00	72.72 1.07 0.00	97.22 2.00 -0.03	80.13 1.18 0.00	49.02 0.34 0.00	42.26 0.21 0.00	39.52 0.08 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.60 0.21 -0.05	71.15 0.49 -0.05	87.48 1.14 1.33	82.95 1.39 0.00	63.97 0.76 0.18	53.79 0.58 -0.05	47.71 0.43 0.00	44.62 0.40 0.00
MILLIKEN___DIESEL 23629	46.98 0.51 0.00	43.77 0.43 0.00	40.75 0.40 0.00	40.55 0.40 0.00	41.71 0.41 0.00	48.96 0.53 0.00	72.72 1.07 0.00	97.22 2.00 -0.03	80.13 1.18 0.00	49.02 0.34 0.00	42.26 0.21 0.00	39.52 0.08 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.60 0.21 -0.05	71.15 0.49 -0.05	87.48 1.14 1.33	82.95 1.39 0.00	63.97 0.76 0.18	53.79 0.58 -0.05	47.71 0.43 0.00	44.62 0.40 0.00
MILLSEAT___LFGE 323607	45.68 -0.79 0.00	42.47 -0.87 0.00	39.66 -0.69 0.00	39.67 -0.48 0.00	40.42 -0.87 0.00	46.88 -1.55 0.00	67.06 -4.59 0.00	89.29 -5.90 0.00	74.68 -4.26 0.00	46.29 -2.38 0.00	40.07 -1.98 0.00	37.39 -2.05 0.00	35.98 -1.65 0.00	36.15 -1.94 0.00	35.94 -2.58 0.00	39.67 -2.35 0.00	47.27 -4.06 0.02	65.28 -5.30 0.02	79.62 -6.40 1.65	77.98 -3.59 0.00	58.34 -4.69 0.35	48.99 -4.15 0.02	44.35 -2.93 0.00	42.54 -1.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.24 1.77 0.00	44.98 1.65 0.00	41.84 1.49 0.00	41.56 1.41 0.00	42.78 1.49 0.00	49.88 1.45 0.00	73.65 2.01 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.72 2.04 0.00	44.49 2.44 0.00	41.73 2.29 0.00	39.89 2.26 0.00	40.42 2.32 0.00	40.84 2.31 0.00	44.41 2.40 0.00	54.12 2.77 0.00	73.92 3.32 0.00	91.49 4.12 0.31	85.15 3.59 0.00	66.31 2.98 0.06	55.55 2.39 0.00	49.46 2.17 0.00	46.30 2.08 0.00
MILLWOOD_13_KV_LOAD 356217	48.33 1.86 0.00	45.07 1.73 0.00	41.96 1.61 0.00	41.68 1.53 0.00	42.90 1.61 0.00	49.98 1.55 0.00	73.86 2.22 0.00	99.76 4.57 0.00	82.03 3.08 0.00	50.77 2.09 0.00	44.53 2.48 0.00	41.77 2.33 0.00	39.93 2.30 0.00	40.45 2.36 0.00	40.88 2.35 0.00	44.45 2.44 0.00	54.22 2.88 0.00	74.06 3.46 0.00	91.75 4.38 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
MODEL_CITY_ENERGY 24167	44.75 -1.72 0.00	41.60 -1.73 0.00	38.89 -1.45 0.00	38.91 -1.25 0.00	39.60 -1.69 0.00	45.86 -2.57 0.00	64.33 -7.31 0.00	85.39 -9.80 0.00	71.69 -7.26 0.00	44.83 -3.85 0.00	38.98 -3.07 0.00	36.36 -3.08 0.00	35.11 -2.52 0.00	35.23 -2.86 0.00	34.98 -3.54 0.00	38.65 -3.36 0.00	45.67 -5.65 0.02	62.81 -7.77 0.02	76.11 -9.91 1.65	74.80 -6.77 0.00	55.93 -7.10 0.36	47.02 -6.11 0.02	42.88 -4.40 0.00	41.48 -2.74 0.00
MODERN_LFGE___ 323580	44.75 -1.72 0.00	41.60 -1.73 0.00	38.89 -1.45 0.00	38.91 -1.25 0.00	39.60 -1.69 0.00	45.86 -2.57 0.00	64.33 -7.31 0.00	85.39 -9.80 0.00	71.69 -7.26 0.00	44.83 -3.85 0.00	38.98 -3.07 0.00	36.36 -3.08 0.00	35.11 -2.52 0.00	35.23 -2.86 0.00	34.98 -3.54 0.00	38.65 -3.36 0.00	45.67 -5.65 0.02	62.81 -7.77 0.02	76.11 -9.91 1.65	74.80 -6.77 0.00	55.93 -7.10 0.36	47.02 -6.11 0.02	42.88 -4.40 0.00	41.48 -2.74 0.00
MOHAWK_PAPER___DRP 24187	46.98 0.51 0.00	43.85 0.52 0.00	40.83 0.48 0.00	40.67 0.52 0.00	41.83 0.54 0.00	49.16 0.73 0.00	72.65 1.00 0.00	97.19 2.00 0.00	79.74 0.79 0.00	49.12 0.44 0.00	42.30 0.25 0.00	39.68 0.24 0.00	37.93 0.30 0.00	38.47 0.38 0.00	38.91 0.39 0.00	42.40 0.38 0.00	52.16 0.82 0.00	71.94 1.34 0.00	89.43 1.75 0.00	82.54 0.98 0.00	64.65 1.27 0.00	54.11 0.96 0.00	47.75 0.47 0.00	44.53 0.31 0.00
MOHICAN___35_KV_115KV_LD 80490	47.82 1.35 0.00	44.72 1.39 0.00	41.63 1.29 0.00	41.48 1.33 0.00	42.66 1.36 0.00	50.03 1.60 0.00	74.15 2.51 0.00	99.19 4.00 0.00	81.24 2.29 0.00	49.41 0.73 0.00	42.38 0.34 0.00	39.64 0.20 0.00	37.82 0.19 0.00	38.43 0.34 0.00	38.91 0.39 0.00	42.52 0.50 0.00	52.37 1.03 0.00	72.79 2.19 0.00	90.83 3.16 0.00	83.85 2.28 0.00	65.48 2.09 0.00	54.80 1.65 0.00	48.41 1.13 0.00	45.10 0.88 0.00
MONGAUP___HYD 23641	48.28 1.81 0.00	45.02 1.69 0.00	41.88 1.53 0.00	41.64 1.49 0.00	42.86 1.57 0.00	50.08 1.65 0.00	74.29 2.65 0.00	99.85 4.66 0.00	81.95 3.00 0.00	50.34 1.66 0.00	43.85 1.81 0.00	41.10 1.66 0.00	39.21 1.58 0.00	39.73 1.64 0.00	40.22 1.69 0.00	43.82 1.81 0.00	53.66 2.31 0.00	73.78 3.18 0.00	91.73 4.38 0.32	85.48 3.92 0.00	66.18 2.86 0.06	55.49 2.34 0.00	49.31 2.03 0.00	46.16 1.94 0.00
MONTAUK___DIESEL 23721	47.77 1.30 0.00	45.02 1.69 0.00	41.43 1.09 0.00	40.99 0.84 0.00	42.20 0.91 0.00	48.09 -0.34 0.00	69.83 -1.29 0.52	85.19 -0.19 9.81	63.94 -0.79 14.22	48.71 0.05 0.02	44.02 1.98 0.00	41.17 1.74 0.00	39.63 1.99 0.00	40.41 2.32 0.00	40.87 2.35 0.00	44.63 2.52 -0.09	53.04 1.69 0.00	71.66 1.06 0.00	87.80 0.44 0.31	82.54 0.98 0.00	64.34 1.01 0.06	53.74 0.58 0.00	47.61 0.33 0.00	45.67 1.46 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.84 -1.63 0.00	41.43 -1.91 0.00	38.89 -1.45 0.00	39.11 -1.04 0.00	39.77 -1.53 0.00	46.20 -2.23 0.00	67.20 -4.44 0.00	90.05 -5.14 0.00	74.29 -4.66 0.00	46.25 -2.43 0.00	40.36 -1.68 0.00	37.39 -2.05 0.00	35.64 -1.99 0.00	36.15 -1.94 0.00	36.21 -2.31 0.00	39.66 -2.35 0.00	47.57 -3.75 0.03	66.06 -4.52 0.03	80.78 -5.26 1.64	77.41 -4.16 0.00	58.02 -5.01 0.36	49.14 -3.99 0.03	43.69 -3.59 0.00	41.74 -2.48 0.00

MORRIS_RIDGE___SOLAR 323848	44.94 -1.53 0.00	41.86 -1.47 0.00	39.13 -1.21 0.00	39.15 -1.00 0.00	39.85 -1.45 0.00	46.30 -2.13 0.00	66.99 -4.66 0.00	89.10 -6.09 0.00	74.13 -4.82 0.00	45.52 -3.16 0.00	39.65 -2.39 0.00	36.91 -2.52 0.00	35.53 -2.11 0.00	35.73 -2.36 0.00	35.60 -2.93 0.00	39.29 -2.73 0.00	46.99 -4.31 0.04	65.05 -5.51 0.04	79.59 -6.49 1.60	77.49 -4.08 0.00	58.13 -4.88 0.38	49.07 -4.04 0.04	44.21 -3.07 0.00	42.05 -2.17 0.00
MORTIMER_115KV_TB3 55949	45.82 -0.65 0.00	42.42 -0.91 0.00	39.58 -0.77 0.00	39.51 -0.64 0.00	40.43 -0.87 0.00	47.12 -1.31 0.00	69.28 -2.36 0.00	92.33 -2.86 0.00	76.58 -2.37 0.00	47.27 -1.41 0.00	40.79 -1.26 0.00	38.18 -1.26 0.00	36.35 -1.28 0.00	36.76 -1.33 0.00	37.02 -1.50 0.00	40.51 -1.51 0.00	48.87 -2.46 0.01	66.99 -3.60 0.01	82.06 -3.95 1.66	79.28 -2.28 0.00	59.36 -3.68 0.35	50.48 -2.66 0.01	45.53 -1.75 0.00	42.94 -1.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.56 2.09 0.00	45.24 1.91 0.00	42.08 1.73 0.00	41.80 1.65 0.00	42.99 1.69 0.00	50.12 1.70 0.00	73.93 2.29 0.00	100.04 4.85 0.00	82.26 3.32 0.00	51.11 2.43 0.00	44.95 2.90 0.00	42.16 2.72 0.00	40.34 2.71 0.00	40.83 2.74 0.00	41.26 2.74 0.00	44.83 2.82 0.00	54.63 3.29 0.00	74.41 3.81 0.00	92.10 4.73 0.30	85.73 4.16 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.83 2.55 0.00	46.65 2.43 0.00
MUNSVILLE_WIND_PWR 323609	49.21 2.74 0.00	46.06 2.73 0.00	42.81 2.46 0.00	42.52 2.37 0.00	43.81 2.52 0.00	51.72 3.29 0.00	77.38 5.73 0.00	104.24 9.05 0.00	85.03 6.08 0.00	51.06 2.38 0.00	43.89 1.85 0.00	40.82 1.38 0.00	38.68 1.05 0.00	39.16 1.07 0.00	39.37 0.85 0.00	43.57 1.56 0.00	53.79 2.41 -0.03	74.65 4.02 -0.03	92.31 5.87 1.24	88.17 6.60 0.00	67.56 4.37 0.20	56.75 3.56 -0.03	49.97 2.69 0.00	46.92 2.70 0.00
N SALMON___HYD 24042	47.82 1.35 0.00	44.76 1.43 0.00	41.60 1.25 0.00	41.44 1.28 0.00	42.65 1.36 0.00	50.03 1.60 0.00	74.00 2.36 0.00	96.71 1.52 0.00	81.40 2.45 0.00	50.04 1.36 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.38 0.75 0.00	38.66 0.57 0.00	39.22 0.69 0.00	42.73 0.71 0.00	51.96 0.62 0.00	71.87 1.27 0.00	89.07 1.40 0.00	83.20 1.63 0.00	64.46 1.08 0.00	54.22 1.06 0.00	48.60 1.32 0.00	45.41 1.19 0.00
N.AKRON__115KV_KNAPP 355671	45.82 -0.65 0.00	42.21 -1.13 0.00	39.54 -0.81 0.00	39.63 -0.52 0.00	40.30 -0.99 0.00	46.64 -1.79 0.00	66.99 -4.66 0.00	89.19 -6.00 0.00	74.05 -4.89 0.00	45.95 -2.73 0.00	39.78 -2.27 0.00	37.07 -2.37 0.00	35.34 -2.30 0.00	35.73 -2.36 0.00	35.87 -2.66 0.00	39.37 -2.65 0.00	46.96 -4.36 0.02	64.44 -6.14 0.02	78.92 -7.10 1.65	76.83 -4.73 0.00	56.82 -6.21 0.35	48.62 -4.52 0.02	44.07 -3.22 0.00	42.27 -1.95 0.00
N.E_GEN_SANDY PD 24062	47.40 0.93 0.00	43.98 0.65 0.00	40.99 0.64 0.00	40.79 0.64 0.00	41.95 0.66 0.00	49.70 1.11 -0.16	73.00 1.36 0.00	97.57 2.38 0.00	75.93 0.56 3.58	55.00 0.68 -5.64	40.15 0.17 2.06	39.68 0.24 0.00	37.93 0.30 0.00	38.47 0.38 0.00	38.95 0.42 0.00	42.40 0.38 0.00	52.47 1.13 0.00	78.00 1.83 -5.57	92.92 2.37 -2.88	82.71 1.14 0.00	71.29 1.65 -6.26	54.43 1.27 0.00	47.85 0.57 0.00	44.57 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.28 1.81 0.00	45.02 1.69 0.00	41.84 1.49 0.00	41.60 1.45 0.00	42.78 1.49 0.00	49.88 1.45 0.00	73.72 2.08 0.00	99.57 4.38 0.00	81.87 2.92 0.00	50.72 2.04 0.00	44.44 2.40 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.38 2.29 0.00	40.80 2.27 0.00	44.37 2.35 0.00	54.06 2.72 0.00	73.92 3.32 0.00	91.48 4.12 0.31	85.24 3.67 0.00	66.30 2.98 0.06	55.55 2.39 0.00	49.46 2.17 0.00	46.25 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	48.37 1.91 0.01	44.97 1.65 0.01	41.91 1.57 0.01	41.59 1.45 0.01	42.73 1.45 0.01	49.49 1.07 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.78 2.73 0.00	42.12 2.68 0.00	40.34 2.71 0.00	40.80 2.70 0.00	41.22 2.70 0.00	44.66 2.65 0.00	54.37 3.03 0.00	73.99 3.39 0.00	91.57 4.21 0.31	85.40 3.83 0.00	66.43 3.11 0.06	55.33 2.18 0.00	49.88 2.60 0.00	47.09 2.87 0.00
N.TROY___115KV_TB1 355778	47.31 0.84 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.04 0.74 0.00	49.54 1.11 0.00	73.15 1.50 0.00	97.76 2.57 0.00	80.13 1.18 0.00	49.36 0.68 0.00	42.34 0.29 0.00	39.75 0.32 0.00	38.01 0.38 0.00	38.51 0.42 0.00	38.99 0.46 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.44 1.84 0.00	90.04 2.37 0.00	83.03 1.47 0.00	65.10 1.71 0.00	54.43 1.28 0.00	47.99 0.71 0.00	44.71 0.49 0.00
NARROWS_GT1_1 24228	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_2 24229	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_3 24230	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_4 24231	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_5 24232	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01

NARROWS_GT1_6 24233	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_7 24234	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT1_8 24235	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_1 24236	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_2 24237	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_3 24238	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_4 24239	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_5 24240	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_6 24241	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_7 24242	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NARROWS_GT2_8 24243	48.76 2.28 -0.01	45.38 2.04 -0.01	42.33 1.98 -0.01	42.09 1.93 -0.01	43.20 1.90 -0.01	50.09 1.65 -0.01	73.94 2.29 -0.01	99.95 4.76 -0.01	82.18 3.24 0.01	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.99 2.89 0.00	41.45 2.93 0.00	44.88 2.86 0.00	54.68 3.34 0.00	74.21 3.60 -0.01	91.93 4.56 0.30	85.49 3.92 -0.01	66.38 3.04 0.05	55.82 2.66 -0.01	50.03 2.74 -0.01	47.14 2.92 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.26 0.79 0.00	44.07 0.74 0.00	41.03 0.69 0.00	40.83 0.68 0.00	42.04 0.74 0.00	49.45 1.02 0.00	73.36 1.72 0.00	98.14 2.95 0.00	80.29 1.34 0.00	48.87 0.19 0.00	42.00 -0.04 0.00	39.32 -0.12 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.56 0.04 0.00	42.10 0.08 0.00	52.01 0.67 0.00	72.22 1.62 0.00	89.87 2.45 0.26	83.36 1.79 0.00	64.92 1.58 0.05	54.32 1.17 0.00	47.89 0.61 0.00	44.66 0.44 0.00
NCHELSEA_115KV_TR2 355582	48.42 1.95 0.00	45.11 1.78 0.00	41.96 1.61 0.00	41.68 1.53 0.00	42.95 1.65 0.00	50.12 1.70 0.00	74.15 2.51 0.00	100.04 4.85 0.00	82.26 3.32 0.00	50.72 2.04 0.00	44.27 2.23 0.00	41.49 2.05 0.00	39.66 2.03 0.00	40.15 2.06 0.00	40.57 2.04 0.00	44.16 2.14 0.00	54.01 2.67 0.00	74.13 3.53 0.00	91.93 4.56 0.30	85.56 4.00 0.00	66.50 3.17 0.06	55.65 2.50 0.00	49.46 2.17 0.00	46.25 2.03 0.00
NEG CAPITAL___MECHNVIL 23645	47.96 1.49 0.00	44.68 1.34 0.00	41.60 1.25 0.00	41.44 1.28 0.00	42.61 1.32 0.00	50.12 1.69 0.00	74.22 2.58 0.00	99.19 4.00 0.00	81.24 2.29 0.00	49.75 1.07 0.00	42.68 0.63 0.00	39.99 0.55 0.00	38.16 0.53 0.00	38.74 0.65 0.00	39.22 0.69 0.00	42.81 0.80 0.00	52.78 1.44 0.00	73.07 2.47 0.00	91.00 3.33 0.00	84.01 2.44 0.00	65.60 2.22 0.00	54.96 1.81 0.00	48.56 1.28 0.00	45.19 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.89 -1.58 0.00	41.78 -1.56 0.00	38.93 -1.41 0.00	38.79 -1.37 0.00	39.77 -1.53 0.00	46.49 -1.94 0.00	68.49 -3.15 0.00	91.41 -3.81 -0.03	75.95 -3.00 0.00	46.78 -1.90 0.00	40.32 -1.73 0.00	37.78 -1.65 0.00	36.13 -1.51 0.00	36.42 -1.68 0.00	36.56 -1.96 0.00	40.13 -1.89 0.00	48.66 -2.67 0.01	67.06 -3.53 0.01	81.99 -4.12 1.56	78.88 -2.69 0.00	60.02 -3.04 0.33	50.38 -2.77 0.01	45.11 -2.17 0.00	42.36 -1.86 0.00



NEG CENTRAL___DRP 24199	46.19 -0.28 0.00	42.94 -0.39 0.00	40.06 -0.28 0.00	39.91 -0.24 0.00	41.00 -0.29 0.00	47.99 -0.44 0.00	71.00 -0.64 0.00	94.79 -0.48 -0.07	78.32 -0.63 0.00	48.09 -0.58 0.00	41.46 -0.59 0.00	38.81 -0.63 0.00	36.92 -0.72 0.00	37.41 -0.69 0.00	37.72 -0.81 0.00	41.22 -0.80 0.00	50.25 -1.08 0.01	69.17 -1.41 0.01	85.14 -1.32 1.22	80.91 -0.65 0.00	61.98 -1.14 0.26	52.18 -0.96 0.01	46.52 -0.76 0.00	43.64 -0.57 0.00
NEG CENTRAL___INDECK 23768	46.75 0.28 0.00	43.51 0.17 0.00	40.59 0.24 0.00	40.51 0.36 0.00	40.06 -1.24 0.00	46.69 -1.74 0.00	68.64 -3.01 0.00	91.57 -3.62 0.00	75.87 -3.08 0.00	46.20 -2.48 0.00	41.21 -0.84 0.00	38.49 -0.95 0.00	36.84 -0.79 0.00	37.06 -1.03 0.00	37.06 -1.46 0.00	40.89 -1.13 0.00	49.41 -1.90 0.03	68.73 -1.84 0.03	84.74 -1.31 1.62	82.22 0.65 0.00	61.81 -1.21 0.38	51.95 -1.17 0.03	46.52 -0.76 0.00	43.86 -0.36 0.00
NEG CENTRAL___SENECA 23627	46.24 -0.23 0.00	42.90 -0.43 0.00	40.06 -0.28 0.00	39.95 -0.20 0.00	41.00 -0.29 0.00	47.95 -0.48 0.00	70.71 -0.93 0.00	94.38 -0.86 -0.04	78.08 -0.87 0.00	47.95 -0.73 0.00	41.33 -0.71 0.00	38.65 -0.79 0.00	36.77 -0.87 0.00	37.22 -0.88 0.00	37.49 -1.04 0.00	41.05 -0.97 0.00	49.93 -1.39 0.03	68.74 -1.84 0.03	84.40 -1.84 1.43	80.59 -0.98 0.00	61.48 -1.58 0.33	51.80 -1.33 0.03	46.33 -0.95 0.00	43.51 -0.71 0.00
NEG CENTRAL___STATE_STREET 24147	46.33 -0.14 0.00	43.07 -0.26 0.00	40.14 -0.20 0.00	39.95 -0.20 0.00	41.09 -0.21 0.00	48.24 -0.19 0.00	71.57 -0.07 0.00	95.66 0.38 -0.09	78.95 0.00 0.00	48.39 -0.29 0.00	41.71 -0.34 0.00	39.08 -0.35 0.00	37.18 -0.45 0.00	37.67 -0.42 0.00	38.02 -0.50 0.00	41.51 -0.50 0.00	50.78 -0.56 -0.01	69.97 -0.64 -0.01	86.24 -0.35 1.08	81.65 0.08 0.00	62.80 -0.38 0.21	52.84 -0.32 -0.01	46.95 -0.33 0.00	43.91 -0.31 0.00
NEG MILLWOOD___DRP 24198	48.56 2.09 0.00	45.28 1.95 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.15 1.86 0.00	50.27 1.84 0.00	74.44 2.79 0.00	100.52 5.33 0.00	82.58 3.63 0.00	50.92 2.24 0.00	44.53 2.48 0.00	41.73 2.29 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.41 2.40 0.00	54.27 2.93 0.00	74.48 3.88 0.00	92.28 4.91 0.30	85.89 4.32 0.00	66.75 3.42 0.06	55.87 2.71 0.00	49.64 2.36 0.00	46.47 2.26 0.00
NEG NORTH_FLCN_SEA 23793	47.26 0.79 0.00	44.16 0.82 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.12 0.83 0.00	48.96 0.53 0.00	71.43 -0.21 0.00	93.48 -1.71 0.00	78.63 -0.32 0.00	49.07 0.39 0.00	42.13 0.08 0.00	39.56 0.12 0.00	37.71 0.08 0.00	38.05 -0.04 0.00	38.53 0.00 0.00	42.02 0.00 0.00	50.88 -0.46 0.00	69.82 -0.78 0.00	86.53 -1.14 0.00	80.59 -0.98 0.00	62.56 -0.82 0.00	52.84 -0.32 0.00	47.99 0.71 0.00	44.84 0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	47.12 0.65 0.00	44.03 0.69 0.00	40.95 0.61 0.00	40.79 0.64 0.00	42.00 0.70 0.00	49.16 0.73 0.00	72.43 0.79 0.00	94.71 -0.48 0.00	79.66 0.71 0.00	49.21 0.54 0.00	42.26 0.21 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.19 0.17 0.00	51.39 0.05 0.00	70.88 0.28 0.00	87.76 0.09 0.00	81.81 0.24 0.00	63.45 0.06 0.00	53.31 0.16 0.00	47.85 0.57 0.00	44.71 0.49 0.00
NEG NORTH___ALICE_FALLS 23915	47.49 1.02 0.00	44.42 1.08 0.00	41.27 0.93 0.00	41.12 0.96 0.00	42.33 1.03 0.00	49.40 0.97 0.00	72.50 0.86 0.00	94.81 -0.38 0.00	79.74 0.79 0.00	49.46 0.78 0.00	42.42 0.38 0.00	39.83 0.39 0.00	37.97 0.34 0.00	38.28 0.19 0.00	38.76 0.23 0.00	42.31 0.29 0.00	51.45 0.10 0.00	70.88 0.28 0.00	87.85 0.18 0.00	81.89 0.33 0.00	63.51 0.13 0.00	53.47 0.32 0.00	48.27 0.99 0.00	45.10 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	47.49 1.02 0.00	44.42 1.08 0.00	41.27 0.93 0.00	41.12 0.96 0.00	42.33 1.03 0.00	49.40 0.97 0.00	72.50 0.86 0.00	94.81 -0.38 0.00	79.74 0.79 0.00	49.46 0.78 0.00	42.42 0.38 0.00	39.83 0.39 0.00	37.97 0.34 0.00	38.28 0.19 0.00	38.76 0.23 0.00	42.31 0.29 0.00	51.45 0.10 0.00	70.88 0.28 0.00	87.85 0.18 0.00	81.89 0.33 0.00	63.51 0.13 0.00	53.47 0.32 0.00	48.27 0.99 0.00	45.10 0.88 0.00
NEG NORTH___PLATTSBURG 23628	47.49 1.02 0.00	44.42 1.08 0.00	41.27 0.93 0.00	41.11 0.96 0.00	42.33 1.03 0.00	49.40 0.97 0.00	72.51 0.86 0.00	94.91 -0.28 0.00	79.74 0.79 0.00	49.46 0.78 0.00	42.42 0.38 0.00	39.83 0.39 0.00	37.97 0.34 0.00	38.28 0.19 0.00	38.83 0.31 0.00	42.31 0.30 0.00	51.45 0.10 0.00	70.88 0.28 0.00	87.94 0.26 0.00	82.06 0.49 0.00	63.51 0.13 0.00	53.48 0.32 0.00	48.27 0.99 0.00	45.10 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	45.12 -1.35 0.00	41.56 -1.78 0.00	38.97 -1.37 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.81 -2.62 0.00	65.27 -6.38 0.00	86.62 -8.57 0.00	72.16 -6.79 0.00	45.08 -3.60 0.00	39.15 -2.90 0.00	36.44 -3.00 0.00	34.77 -2.86 0.00	35.20 -2.89 0.00	35.33 -3.20 0.00	38.74 -3.28 0.00	45.98 -5.34 0.02	62.88 -7.70 0.02	76.73 -9.29 1.65	74.80 -6.77 0.00	55.30 -7.73 0.36	47.39 -5.74 0.02	43.12 -4.16 0.00	41.52 -2.70 0.00
NEG WEST___LANCASTR 23811	44.19 -2.28 0.00	40.78 -2.56 0.00	38.25 -2.10 0.00	38.39 -1.77 0.00	38.98 -2.31 0.00	45.09 -3.34 0.00	65.34 -6.30 0.00	87.19 -8.00 0.00	72.32 -6.63 0.00	44.98 -3.70 0.00	39.19 -2.86 0.00	36.36 -3.08 0.00	34.70 -2.94 0.00	35.16 -2.93 0.00	35.29 -3.24 0.00	38.66 -3.36 0.00	46.95 -4.36 0.03	66.13 -4.45 0.03	80.16 -5.87 1.63	75.12 -6.44 0.00	59.48 -3.55 0.36	49.99 -3.14 0.03	42.98 -4.30 0.00	40.99 -3.23 0.00
NEG_PENN_ALLEGHNY 23528	46.80 0.33 0.00	43.64 0.31 0.00	40.67 0.32 0.00	40.47 0.32 0.00	41.58 0.29 0.00	48.67 0.24 0.00	71.93 0.29 0.00	96.04 0.85 0.00	79.50 0.56 0.00	48.87 0.20 0.00	42.34 0.30 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.21 0.11 0.00	38.49 -0.04 0.00	42.10 0.08 0.00	51.24 -0.10 0.01	70.45 -0.14 0.01	86.36 0.09 1.40	82.30 0.73 0.00	63.16 0.06 0.29	53.20 0.05 0.01	47.33 0.05 0.00	44.44 0.22 0.00
NEG___GEN_MONROE 24207	45.96 -0.51 0.00	42.55 -0.78 0.00	39.74 -0.61 0.00	39.67 -0.48 0.00	40.59 -0.70 0.00	47.27 -1.16 0.00	69.21 -2.44 0.00	92.05 -3.14 0.00	76.34 -2.61 0.00	47.17 -1.51 0.00	40.70 -1.35 0.00	38.10 -1.34 0.00	36.28 -1.35 0.00	36.64 -1.45 0.00	36.91 -1.62 0.00	40.34 -1.68 0.00	48.61 -2.72 0.01	66.63 -3.95 0.01	81.71 -4.30 1.66	79.12 -2.45 0.00	59.17 -3.87 0.35	50.32 -2.82 0.01	45.44 -1.84 0.00	43.03 -1.19 0.00
NEPA___ENERGY 23901	45.08 -1.39 0.00	41.60 -1.73 0.00	39.05 -1.29 0.00	39.19 -0.96 0.00	39.81 -1.49 0.00	46.01 -2.42 0.00	66.77 -4.87 0.00	88.81 -6.38 0.00	73.58 -5.37 0.00	45.81 -2.87 0.00	39.99 -2.06 0.00	37.15 -2.29 0.00	35.45 -2.18 0.00	35.92 -2.17 0.00	36.02 -2.50 0.00	39.50 -2.52 0.00	47.26 -4.06 0.03	65.42 -5.15 0.03	79.73 -6.31 1.63	76.59 -4.98 0.00	58.08 -4.94 0.36	49.09 -4.04 0.03	43.78 -3.50 0.00	41.83 -2.39 0.00

NEVERSINK___HYD 23608	48.51 2.04 0.00	45.24 1.90 0.00	42.08 1.73 0.00	41.80 1.65 0.00	43.07 1.77 0.00	50.32 1.89 0.00	74.72 3.08 0.00	100.42 5.23 0.00	82.58 3.63 0.00	50.72 2.04 0.00	44.15 2.10 0.00	41.33 1.89 0.00	39.40 1.77 0.00	39.88 1.79 0.00	40.37 1.85 0.00	43.99 1.98 0.00	53.91 2.57 0.00	74.06 3.46 0.00	91.99 4.64 0.32	85.80 4.24 0.00	66.43 3.11 0.06	55.76 2.60 0.00	49.55 2.27 0.00	46.34 2.12 0.00
NEWKRMKL_115KV_TB1 55635	46.38 -0.09 0.00	43.29 -0.04 0.00	40.30 -0.04 0.00	40.15 0.00 0.00	41.25 -0.04 0.00	48.48 0.05 0.00	71.64 0.00 0.00	95.95 0.76 0.00	78.71 -0.24 0.00	48.48 -0.19 0.00	41.92 -0.13 0.00	39.36 -0.08 0.00	37.67 0.04 0.00	38.17 0.08 0.00	38.60 0.08 0.00	42.06 0.04 0.00	51.55 0.21 0.00	71.02 0.42 0.00	88.29 0.61 0.00	81.48 -0.08 0.00	63.83 0.44 0.00	53.42 0.27 0.00	47.14 -0.14 0.00	44.00 -0.22 0.00
NEWTON___FALLS_HYD 23847	47.73 1.25 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.22 0.00	98.37 3.14 -0.04	81.63 2.68 0.00	49.65 0.97 0.00	42.55 0.50 0.00	39.91 0.47 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.91 0.39 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.09 0.49 0.00	88.46 0.79 0.00	82.87 1.31 0.00	64.40 1.01 0.00	54.80 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
NGRID_A1_DSASP 323792	43.77 -2.70 0.00	40.69 -2.64 0.00	38.00 -2.34 0.00	38.06 -2.09 0.00	38.73 -2.56 0.00	44.80 -3.63 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.98 -7.97 0.00	44.49 -4.19 0.00	38.72 -3.32 0.00	36.13 -3.31 0.00	34.92 -2.71 0.00	35.04 -3.05 0.00	34.75 -3.77 0.00	38.40 -3.61 0.00	45.26 -6.06 0.02	62.18 -8.40 0.02	75.14 -10.87 1.65	73.98 -7.58 0.00	55.33 -7.67 0.39	46.49 -6.65 0.02	42.51 -4.77 0.00	40.72 -3.49 0.00
NGRID_A2_DSASP 323793	43.77 -2.70 0.00	40.69 -2.64 0.00	38.00 -2.34 0.00	38.06 -2.09 0.00	38.73 -2.56 0.00	44.80 -3.63 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.98 -7.97 0.00	44.49 -4.19 0.00	38.72 -3.32 0.00	36.13 -3.31 0.00	34.92 -2.71 0.00	35.04 -3.05 0.00	34.75 -3.77 0.00	38.40 -3.61 0.00	45.26 -6.06 0.02	62.18 -8.40 0.02	75.14 -10.87 1.65	73.98 -7.58 0.00	55.33 -7.67 0.39	46.49 -6.65 0.02	42.51 -4.77 0.00	40.72 -3.49 0.00
NGRID_A4_DSASP 323807	43.77 -2.70 0.00	40.69 -2.64 0.00	38.00 -2.34 0.00	38.06 -2.09 0.00	38.73 -2.56 0.00	44.80 -3.63 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.98 -7.97 0.00	44.49 -4.19 0.00	38.72 -3.32 0.00	36.13 -3.31 0.00	34.92 -2.71 0.00	35.04 -3.05 0.00	34.75 -3.77 0.00	38.40 -3.61 0.00	45.26 -6.06 0.02	62.18 -8.40 0.02	75.14 -10.87 1.65	73.98 -7.58 0.00	55.33 -7.67 0.39	46.49 -6.65 0.02	42.51 -4.77 0.00	40.72 -3.49 0.00
NIAGARA_115E_LBMP 323715	44.61 -1.86 0.00	41.51 -1.82 0.00	38.77 -1.57 0.00	38.83 -1.32 0.00	39.52 -1.77 0.00	45.72 -2.71 0.00	63.90 -7.74 0.00	84.72 -10.47 0.00	71.21 -7.73 0.00	44.59 -4.09 0.00	38.77 -3.28 0.00	36.17 -3.27 0.00	34.96 -2.67 0.00	35.08 -3.01 0.00	34.79 -3.74 0.00	38.45 -3.57 0.00	45.37 -5.95 0.02	62.39 -8.19 0.02	75.50 -10.52 1.65	74.31 -7.26 0.00	55.55 -7.48 0.36	46.70 -6.43 0.02	42.60 -4.68 0.00	41.35 -2.87 0.00
NIAGARA_115W_LBMP 323714	43.63 -2.84 0.00	40.60 -2.73 0.00	37.92 -2.42 0.00	37.94 -2.21 0.00	38.65 -2.64 0.00	44.70 -3.73 0.00	63.55 -8.10 0.00	84.05 -11.14 0.00	70.74 -8.21 0.00	44.39 -4.28 0.00	38.64 -3.40 0.00	36.01 -3.43 0.00	34.85 -2.78 0.00	34.97 -3.12 0.00	34.67 -3.85 0.00	38.32 -3.70 0.00	45.16 -6.16 0.02	62.03 -8.55 0.02	74.97 -11.05 1.65	73.82 -7.75 0.00	55.20 -7.80 0.39	46.33 -6.80 0.02	42.36 -4.92 0.00	40.64 -3.58 0.00
NIAGARA_230_LBMP 323716	44.33 -2.14 0.00	41.21 -2.12 0.00	38.53 -1.81 0.00	38.54 -1.61 0.00	39.23 -2.06 0.00	45.38 -3.05 0.00	64.55 -7.09 0.00	85.48 -9.71 0.00	71.92 -7.03 0.00	45.03 -3.65 0.00	39.19 -2.86 0.00	36.56 -2.88 0.00	35.38 -2.26 0.00	35.46 -2.63 0.00	35.21 -3.31 0.00	38.91 -3.11 0.00	45.88 -5.44 0.02	63.03 -7.55 0.02	76.28 -9.73 1.66	75.04 -6.53 0.00	56.17 -6.85 0.37	47.18 -5.95 0.02	43.03 -4.26 0.00	41.30 -2.92 0.00
NIAGARA___115KV_198_GIBSON 55903	43.87 -2.60 0.00	40.39 -2.95 0.00	37.88 -2.46 0.00	37.94 -2.21 0.00	38.57 -2.73 0.00	44.51 -3.92 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.42 -8.53 0.00	44.15 -4.53 0.00	38.39 -3.66 0.00	35.77 -3.67 0.00	34.13 -3.50 0.00	34.55 -3.54 0.00	34.67 -3.85 0.00	38.07 -3.95 0.00	44.90 -6.42 0.02	61.12 -9.46 0.02	74.45 -11.57 1.65	72.92 -8.65 0.00	53.81 -9.19 0.39	46.01 -7.12 0.02	42.17 -5.11 0.00	40.42 -3.80 0.00
NIAGARA____ 23760	44.33 -2.14 0.00	41.21 -2.12 0.00	38.53 -1.81 0.00	38.54 -1.61 0.00	39.23 -2.06 0.00	45.38 -3.05 0.00	64.55 -7.09 0.00	85.48 -9.71 0.00	71.92 -7.03 0.00	45.03 -3.65 0.00	39.19 -2.86 0.00	36.56 -2.88 0.00	35.38 -2.26 0.00	35.46 -2.63 0.00	35.21 -3.31 0.00	38.91 -3.11 0.00	45.88 -5.44 0.02	63.03 -7.55 0.02	76.28 -9.73 1.65	75.04 -6.53 0.00	56.17 -6.85 0.37	47.18 -5.95 0.02	43.03 -4.26 0.00	41.30 -2.92 0.00
NINE_MILE_1 23575	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.88 -1.55 0.00	69.35 -2.30 0.00	91.39 -2.85 0.95	76.50 -2.45 0.00	47.07 -1.61 0.00	40.66 -1.39 0.00	38.14 -1.30 0.00	36.35 -1.28 0.00	36.80 -1.30 0.00	37.18 -1.35 0.00	40.59 -1.43 0.00	49.60 -1.75 0.00	68.20 -2.40 0.00	71.24 -2.89 13.55	79.04 -2.53 0.00	58.66 -2.03 2.69	51.40 -1.75 0.00	45.72 -1.56 0.00	42.76 -1.46 0.00
NINE_MILE_2 23744	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.88 -1.55 0.00	69.35 -2.30 0.00	91.38 -2.85 0.96	76.50 -2.45 0.00	47.12 -1.56 0.00	40.66 -1.39 0.00	38.14 -1.30 0.00	36.39 -1.24 0.00	36.80 -1.30 0.00	37.18 -1.35 0.00	40.59 -1.43 0.00	49.60 -1.75 0.00	68.20 -2.40 0.00	71.13 -2.89 13.65	79.12 -2.44 0.00	58.64 -2.03 2.71	51.40 -1.75 0.00	45.72 -1.56 0.00	42.76 -1.46 0.00
NM_CAPITAL___DRP 24208	46.33 -0.14 0.00	43.25 -0.09 0.00	40.30 -0.04 0.00	40.11 -0.04 0.00	41.25 -0.04 0.00	48.48 0.05 0.00	71.57 -0.07 0.00	95.76 0.57 0.00	78.63 -0.32 0.00	48.48 -0.19 0.00	41.88 -0.17 0.00	39.32 -0.12 0.00	37.63 0.00 0.00	38.13 0.04 0.00	38.56 0.04 0.00	42.02 0.00 0.00	51.55 0.21 0.00	71.02 0.42 0.00	88.20 0.53 0.00	81.40 -0.16 0.00	63.83 0.44 0.00	53.37 0.21 0.00	47.14 -0.14 0.00	43.95 -0.27 0.00
NM_CENTRAL___DRP 24181	45.77 -0.70 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.51 -0.64 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.64 -1.00 0.00	94.36 -0.86 -0.03	78.00 -0.95 0.00	48.00 -0.68 0.00	41.42 -0.63 0.00	38.81 -0.63 0.00	36.99 -0.64 0.00	37.44 -0.65 0.00	37.83 -0.69 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.33 -1.27 0.00	84.76 -1.32 1.59	80.59 -0.98 0.00	62.06 -1.01 0.32	52.31 -0.85 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00

NM_FRONTIER___DRP 24179	43.87 -2.60 0.00	40.39 -2.95 0.00	37.88 -2.46 0.00	37.94 -2.21 0.00	38.57 -2.73 0.00	44.51 -3.92 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.42 -8.53 0.00	44.15 -4.53 0.00	38.39 -3.66 0.00	35.77 -3.67 0.00	34.13 -3.50 0.00	34.55 -3.54 0.00	34.67 -3.85 0.00	38.07 -3.95 0.00	44.90 -6.42 0.02	61.12 -9.46 0.02	74.45 -11.57 1.65	72.92 -8.65 0.00	53.81 -9.19 0.39	46.01 -7.12 0.02	42.17 -5.11 0.00	40.42 -3.80 0.00
NM_ST_REGIS___HYD 24053	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.32 1.89 0.00	74.65 3.01 0.00	97.28 2.09 0.00	81.79 2.84 0.00	50.04 1.36 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.42 0.79 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.86 0.84 0.00	51.91 0.56 0.00	71.52 0.92 0.00	88.46 0.79 0.00	82.71 1.14 0.00	64.34 0.95 0.00	54.48 1.33 0.00	48.84 1.56 0.00	45.63 1.42 0.00
NORTHPORT___1 23551	47.35 0.88 0.00	44.81 1.47 0.00	41.63 1.29 0.00	41.27 1.12 0.00	42.53 1.24 0.00	48.62 0.19 0.01	71.11 0.00 0.53	86.77 1.52 9.93	65.10 0.56 14.40	49.34 0.68 0.02	44.48 2.44 0.01	41.61 2.17 0.00	39.85 2.22 0.00	40.71 2.63 0.01	41.30 2.78 0.01	44.91 2.82 -0.07	52.78 1.44 0.00	71.94 1.34 0.00	89.02 1.66 0.31	82.71 1.14 0.00	64.28 0.95 0.06	54.21 1.06 0.01	48.13 0.85 0.01	45.80 1.59 0.01
NORTHPORT___2 23552	47.35 0.88 0.00	44.81 1.47 0.00	41.63 1.29 0.00	41.27 1.12 0.00	42.53 1.24 0.00	48.62 0.19 0.01	71.11 0.00 0.53	86.77 1.52 9.93	65.10 0.56 14.40	49.34 0.68 0.02	44.48 2.44 0.01	41.61 2.17 0.00	39.85 2.22 0.00	40.71 2.63 0.01	41.30 2.78 0.01	44.91 2.82 -0.07	52.78 1.44 0.00	71.94 1.34 0.00	89.02 1.66 0.31	82.71 1.14 0.00	64.28 0.95 0.06	54.21 1.06 0.01	48.13 0.85 0.01	45.80 1.59 0.01
NORTHPORT___3 23553	47.26 0.79 0.00	44.72 1.39 0.00	41.55 1.21 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	70.97 -0.14 0.53	86.63 1.33 9.89	65.01 0.40 14.34	49.25 0.59 0.02	44.39 2.35 0.01	41.53 2.09 0.00	39.78 2.14 0.00	40.64 2.55 0.01	41.22 2.70 0.01	44.82 2.73 -0.08	52.68 1.33 0.00	71.73 1.13 0.00	88.85 1.49 0.31	82.55 0.98 0.00	64.15 0.82 0.06	54.11 0.96 0.01	48.03 0.75 0.01	45.67 1.46 0.01
NORTHPORT___4 23650	47.26 0.79 0.00	44.72 1.39 0.00	41.55 1.21 0.00	41.19 1.04 0.00	42.45 1.15 0.00	48.52 0.10 0.01	70.97 -0.14 0.53	86.63 1.33 9.89	65.01 0.40 14.34	49.25 0.59 0.02	44.39 2.35 0.01	41.53 2.09 0.00	39.78 2.14 0.00	40.64 2.55 0.01	41.22 2.70 0.01	44.82 2.73 -0.08	52.68 1.33 0.00	71.73 1.13 0.00	88.85 1.49 0.31	82.55 0.98 0.00	64.15 0.82 0.06	54.11 0.96 0.01	48.03 0.75 0.01	45.67 1.46 0.01
NORTHPORT___IC 23718	47.87 1.39 0.00	45.20 1.86 0.00	41.76 1.41 0.00	41.40 1.24 0.00	42.61 1.32 0.00	48.67 0.24 0.00	71.04 -0.07 0.53	86.87 1.62 9.93	65.18 0.63 14.40	49.44 0.78 0.02	44.69 2.65 0.01	41.81 2.37 0.00	40.15 2.52 0.00	40.91 2.82 0.01	41.37 2.85 0.01	44.99 2.90 -0.07	53.19 1.85 0.00	72.51 1.91 0.00	89.38 2.02 0.31	83.60 2.04 0.00	65.04 1.71 0.06	54.37 1.22 0.00	48.27 0.99 0.00	45.85 1.64 0.01
NORTH___COUNTRY_ESR 323785	47.03 0.56 0.00	43.94 0.61 0.00	40.87 0.52 0.00	40.71 0.56 0.00	41.87 0.58 0.00	49.01 0.58 0.00	72.21 0.57 0.00	94.62 -0.57 0.00	79.50 0.56 0.00	49.17 0.49 0.00	42.22 0.17 0.00	39.64 0.20 0.00	37.78 0.15 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.29 -0.05 0.00	70.67 0.07 0.00	87.58 -0.09 0.00	81.65 0.08 0.00	63.26 -0.13 0.00	53.16 0.00 0.00	47.75 0.47 0.00	44.62 0.40 0.00
NPX_GEN_1385_PROXY 323591	47.35 0.88 0.00	44.81 1.47 0.00	41.63 1.29 0.00	41.27 1.12 0.00	42.53 1.24 0.00	49.40 0.34 -0.63	75.14 0.22 -3.28	99.60 1.90 -2.51	75.05 0.79 4.69	53.12 0.88 -3.56	44.39 2.35 0.01	41.53 2.09 0.00	39.74 2.11 0.00	40.68 2.59 0.01	41.33 2.81 0.01	44.91 2.82 -0.07	53.50 1.64 -0.51	85.70 1.55 -13.55	89.29 1.93 0.31	82.62 1.06 0.00	65.95 1.20 -1.36	55.80 1.27 -1.37	48.13 0.85 0.01	45.67 1.46 0.01
NPX_GEN_CSC 323557	47.45 0.98 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.19 0.07 0.52	86.89 1.52 9.82	61.77 0.63 17.81	52.87 0.63 -3.56	44.27 2.23 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.88 1.54 0.00	71.87 1.27 0.00	88.42 1.06 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.42 1.27 0.01	48.41 1.13 0.01	46.07 1.86 0.00
NSINS_S_GLNS_FALLS 23858	47.73 1.25 0.00	44.63 1.30 0.00	41.55 1.21 0.00	41.40 1.24 0.00	42.57 1.28 0.00	49.93 1.50 0.00	74.08 2.44 0.00	99.09 3.90 0.00	81.16 2.21 0.00	49.36 0.68 0.00	42.34 0.29 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.36 0.27 0.00	38.87 0.35 0.00	42.48 0.46 0.00	52.27 0.92 0.00	72.65 2.05 0.00	90.65 2.98 0.00	83.69 2.12 0.00	65.29 1.90 0.00	54.64 1.49 0.00	48.32 1.04 0.00	45.02 0.80 0.00
NUCOR_STEEL___DRP 24197	46.38 -0.09 0.00	43.16 -0.17 0.00	40.22 -0.12 0.00	40.03 -0.12 0.00	41.17 -0.12 0.00	48.28 -0.15 0.00	71.64 0.00 0.00	95.66 0.38 -0.09	79.03 0.08 0.00	48.48 -0.19 0.00	41.79 -0.25 0.00	39.12 -0.32 0.00	37.26 -0.38 0.00	37.71 -0.38 0.00	38.06 -0.46 0.00	41.60 -0.42 0.00	50.89 -0.46 -0.01	69.97 -0.64 -0.01	86.29 -0.35 1.03	81.65 0.08 0.00	62.81 -0.38 0.20	52.90 -0.27 -0.01	47.04 -0.24 0.00	44.00 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	47.49 1.02 0.00	44.81 1.47 0.00	41.67 1.33 0.00	41.40 1.25 0.00	42.65 1.36 0.00	50.27 1.84 0.00	75.01 3.37 0.00	99.80 4.57 -0.04	82.02 3.08 0.00	49.70 1.02 0.00	42.68 0.63 0.00	39.99 0.55 0.00	38.09 0.45 0.00	38.55 0.46 0.00	38.87 0.35 0.00	42.69 0.67 0.00	51.75 0.41 0.00	71.45 0.85 0.00	89.16 1.49 0.00	83.68 2.12 0.00	64.97 1.59 0.00	55.17 2.02 0.00	48.84 1.56 0.00	45.63 1.41 0.00
NYISO_LBMP_REFERENCE 24008	46.47 0.00 0.00	43.33 0.00 0.00	40.34 0.00 0.00	40.15 0.00 0.00	41.29 0.00 0.00	48.43 0.00 0.00	71.64 0.00 0.00	95.19 0.00 0.00	78.95 0.00 0.00	48.68 0.00 0.00	42.05 0.00 0.00	39.44 0.00 0.00	37.63 0.00 0.00	38.09 0.00 0.00	38.53 0.00 0.00	42.02 0.00 0.00	51.34 0.00 0.00	70.60 0.00 0.00	87.67 0.00 0.00	81.57 0.00 0.00	63.39 0.00 0.00	53.16 0.00 0.00	47.28 0.00 0.00	44.22 0.00 0.00
NYPA_BRENTWD____GT 24164	47.96 1.49 0.00	45.29 1.95 0.00	42.04 1.69 0.00	41.72 1.56 0.00	42.99 1.69 0.00	49.24 0.82 0.01	71.35 0.22 0.51	87.73 2.00 9.46	65.94 0.71 13.72	49.20 0.54 0.01	44.94 2.90 0.00	41.97 2.53 0.00	40.15 2.52 0.00	41.10 3.01 0.00	41.64 3.12 0.00	45.00 2.86 -0.13	53.55 2.21 0.00	73.00 2.40 0.00	89.38 2.02 0.31	83.04 1.47 0.00	65.29 1.97 0.06	55.06 1.91 0.00	48.83 1.56 0.00	46.38 2.17 0.00



OAKDALE___35_KV_LOAD 356122	46.56 0.09 0.00	43.29 -0.04 0.00	40.38 0.04 0.00	40.23 0.08 0.00	41.29 0.00 0.00	48.28 -0.15 0.00	71.36 -0.29 0.00	95.29 0.10 0.00	78.71 -0.24 0.00	48.44 -0.24 0.00	41.96 -0.08 0.00	39.24 -0.20 0.00	37.41 -0.23 0.00	37.90 -0.19 0.00	38.22 -0.31 0.00	41.77 -0.25 0.00	50.93 -0.41 0.01	70.17 -0.42 0.01	85.92 -0.35 1.40	81.48 -0.08 0.00	62.85 -0.25 0.29	52.88 -0.27 0.01	46.95 -0.33 0.00	44.09 -0.13 0.00
OCC_CHEM___DRP 24175	43.96 -2.51 0.00	40.47 -2.86 0.00	37.96 -2.38 0.00	38.06 -2.09 0.00	38.65 -2.64 0.00	44.60 -3.83 0.00	63.83 -7.81 0.00	84.53 -10.66 0.00	70.58 -8.37 0.00	44.25 -4.43 0.00	38.51 -3.53 0.00	35.85 -3.59 0.00	34.25 -3.39 0.00	34.63 -3.47 0.00	34.75 -3.78 0.00	38.15 -3.87 0.00	45.01 -6.32 0.02	61.26 -9.32 0.02	74.71 -11.31 1.65	73.16 -8.40 0.00	53.93 -9.06 0.39	46.17 -6.96 0.02	42.27 -5.01 0.00	40.55 -3.67 0.00
OH_GEN_PROXY 24063	44.29 -2.18 0.00	41.21 -2.12 0.00	38.53 -1.81 0.00	38.50 -1.65 0.00	39.23 -2.06 0.00	45.38 -3.05 0.00	64.69 -6.95 0.00	85.76 -9.43 0.00	68.50 -6.87 3.58	48.71 -3.55 -3.58	39.27 -2.78 0.00	36.64 -2.80 0.00	35.41 -2.22 0.00	35.50 -2.59 0.00	35.25 -3.27 0.00	38.95 -3.07 0.00	45.98 -5.34 0.02	63.23 -7.34 0.02	76.55 -9.47 1.66	75.20 -6.36 0.00	56.30 -6.72 0.37	47.29 -5.85 0.02	43.12 -4.16 0.00	41.30 -2.92 0.00
OLIN_CORP_DRP 24177	44.84 -1.63 0.00	41.30 -2.04 0.00	38.73 -1.61 0.00	38.83 -1.33 0.00	39.44 -1.86 0.00	45.48 -2.95 0.00	64.19 -7.45 0.00	85.10 -10.09 0.00	70.97 -7.97 0.00	44.44 -4.24 0.00	38.64 -3.41 0.00	35.97 -3.47 0.00	34.36 -3.27 0.00	34.74 -3.35 0.00	34.87 -3.66 0.00	38.28 -3.74 0.00	45.26 -6.06 0.02	61.82 -8.75 0.02	75.32 -10.70 1.65	73.57 -7.99 0.00	54.28 -8.75 0.36	46.54 -6.59 0.02	42.50 -4.78 0.00	41.17 -3.05 0.00
OLIN_CORP_DSASP 323712	43.77 -2.70 0.00	40.69 -2.64 0.00	38.00 -2.34 0.00	38.06 -2.09 0.00	38.73 -2.56 0.00	44.80 -3.63 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.98 -7.97 0.00	44.49 -4.19 0.00	38.72 -3.32 0.00	36.13 -3.31 0.00	34.92 -2.71 0.00	35.04 -3.05 0.00	34.75 -3.77 0.00	38.40 -3.61 0.00	45.26 -6.06 0.02	62.18 -8.40 0.02	75.14 -10.87 1.65	73.98 -7.58 0.00	55.33 -7.67 0.39	46.49 -6.65 0.02	42.51 -4.77 0.00	40.72 -3.49 0.00
ONEIDA_HERK_LFGE 323681	47.45 0.98 0.00	44.50 1.17 0.00	41.39 1.05 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.88 1.45 0.00	74.22 2.58 0.00	99.00 3.81 0.00	81.47 2.53 0.00	49.60 0.92 0.00	42.76 0.71 0.00	40.03 0.59 0.00	38.09 0.45 0.00	38.59 0.49 0.00	38.91 0.39 0.00	42.65 0.63 0.00	52.06 0.72 0.00	71.87 1.27 0.00	89.26 1.93 0.34	83.77 2.20 0.00	64.91 1.59 0.07	54.81 1.65 0.00	48.51 1.23 0.00	45.33 1.11 0.00
ONEIDA___115KV_TB4 55905	47.59 1.12 0.00	44.46 1.13 0.00	41.39 1.05 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.88 1.45 0.00	74.22 2.58 0.00	99.28 4.09 0.00	81.55 2.61 0.00	49.75 1.07 0.00	42.85 0.80 0.00	40.11 0.67 0.00	38.12 0.49 0.00	38.62 0.53 0.00	38.99 0.46 0.00	42.73 0.71 0.00	52.32 0.98 0.00	72.22 1.62 0.00	89.32 2.37 0.72	84.18 2.61 0.00	65.08 1.84 0.14	54.75 1.59 0.00	48.41 1.13 0.00	45.32 1.11 0.00
ONONDAGA_REF_OCCRA 23987	45.91 -0.56 0.00	42.77 -0.56 0.00	39.82 -0.52 0.00	39.63 -0.52 0.00	40.76 -0.54 0.00	47.80 -0.63 0.00	70.85 -0.79 0.00	94.62 -0.57 0.00	78.24 -0.71 0.00	48.09 -0.58 0.00	41.50 -0.55 0.00	38.89 -0.55 0.00	37.07 -0.56 0.00	37.52 -0.57 0.00	37.91 -0.62 0.00	41.39 -0.63 0.00	50.63 -0.72 -0.01	69.76 -0.85 -0.01	85.38 -0.70 1.59	81.08 -0.49 0.00	62.45 -0.63 0.31	52.63 -0.53 -0.01	46.76 -0.52 0.00	43.73 -0.49 0.00
ONONDAGA___COGEN 23986	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
ONTARIO___LFGE 23819	46.15 -0.32 0.00	43.03 -0.30 0.00	40.10 -0.24 0.00	39.95 -0.20 0.00	41.01 -0.29 0.00	47.95 -0.48 0.00	70.64 -1.00 0.00	94.19 -1.05 -0.04	78.16 -0.79 0.00	48.00 -0.68 0.00	41.42 -0.63 0.00	38.73 -0.71 0.00	36.96 -0.68 0.00	37.33 -0.76 0.00	37.49 -1.04 0.00	41.13 -0.88 0.00	49.98 -1.34 0.03	68.74 -1.84 0.03	84.39 -1.85 1.43	81.00 -0.57 0.00	61.67 -1.39 0.33	51.80 -1.33 0.03	46.43 -0.85 0.00	43.60 -0.62 0.00
ORANGEVILLE_WT_PWR 323706	44.71 -1.77 0.00	41.64 -1.69 0.00	38.93 -1.41 0.00	38.99 -1.17 0.00	39.68 -1.61 0.00	46.06 -2.37 0.00	66.27 -5.37 0.00	88.05 -7.14 0.00	73.50 -5.45 0.00	45.42 -3.26 0.00	39.52 -2.52 0.00	36.80 -2.64 0.00	35.45 -2.18 0.00	35.65 -2.44 0.00	35.44 -3.08 0.00	39.12 -2.90 0.00	46.59 -4.72 0.03	64.35 -6.21 0.03	78.60 -7.45 1.62	76.67 -4.89 0.00	57.44 -5.58 0.37	48.50 -4.62 0.03	43.78 -3.50 0.00	41.79 -2.43 0.00
ORANGEVILLE___ESR 323794	44.71 -1.77 0.00	41.64 -1.69 0.00	38.93 -1.41 0.00	38.99 -1.17 0.00	39.68 -1.61 0.00	46.06 -2.37 0.00	66.27 -5.37 0.00	88.05 -7.14 0.00	73.50 -5.45 0.00	45.42 -3.26 0.00	39.52 -2.52 0.00	36.80 -2.64 0.00	35.45 -2.18 0.00	35.65 -2.44 0.00	35.44 -3.08 0.00	39.12 -2.90 0.00	46.59 -4.72 0.03	64.35 -6.21 0.03	78.60 -7.45 1.62	76.67 -4.89 0.00	57.44 -5.58 0.37	48.50 -4.62 0.03	43.78 -3.50 0.00	41.79 -2.43 0.00
OSWEGATCHIE___HYD 24044	47.73 1.26 0.00	44.81 1.47 0.00	41.67 1.33 0.00	41.44 1.28 0.00	42.70 1.40 0.00	50.27 1.84 0.00	74.87 3.23 0.00	98.37 3.14 -0.04	81.71 2.76 0.00	49.65 0.97 0.00	42.59 0.55 0.00	39.95 0.51 0.00	38.16 0.53 0.00	38.55 0.46 0.00	38.95 0.42 0.00	42.65 0.63 0.00	51.55 0.21 0.00	71.10 0.50 0.00	88.46 0.79 0.00	82.95 1.39 0.00	64.40 1.01 0.00	54.81 1.65 0.00	48.79 1.51 0.00	45.59 1.37 0.00
OSWEGO___5 23606	45.36 -1.12 0.00	42.25 -1.08 0.00	39.34 -1.01 0.00	39.15 -1.00 0.00	40.26 -1.03 0.00	47.22 -1.21 0.00	69.85 -1.79 0.00	93.61 -2.19 -0.61	77.05 -1.90 0.00	47.46 -1.22 0.00	40.95 -1.09 0.00	38.41 -1.03 0.00	36.62 -1.01 0.00	37.06 -1.03 0.00	37.41 -1.12 0.00	40.89 -1.13 0.00	49.91 -1.44 0.00	68.70 -1.90 0.00	89.52 -2.28 -4.13	79.69 -1.87 0.00	62.63 -1.58 -0.82	51.77 -1.38 0.00	46.05 -1.23 0.00	43.07 -1.15 0.00
OSWEGO___6 23613	45.36 -1.12 0.00	42.25 -1.08 0.00	39.34 -1.01 0.00	39.15 -1.00 0.00	40.26 -1.03 0.00	47.22 -1.21 0.00	69.85 -1.79 0.00	93.61 -2.19 -0.61	77.05 -1.90 0.00	47.46 -1.22 0.00	40.95 -1.09 0.00	38.41 -1.03 0.00	36.62 -1.01 0.00	37.06 -1.03 0.00	37.41 -1.12 0.00	40.89 -1.13 0.00	49.91 -1.44 0.00	68.70 -1.90 0.00	89.52 -2.28 -4.13	79.69 -1.87 0.00	62.63 -1.58 -0.82	51.77 -1.38 0.00	46.05 -1.23 0.00	43.07 -1.15 0.00

OUTOKUMPU-AB___DRP 24206	45.03 -1.44 0.00	41.47 -1.86 0.00	38.89 -1.45 0.00	38.99 -1.16 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	65.55 -6.09 0.00	87.10 -8.09 0.00	72.55 -6.39 0.00	45.32 -3.36 0.00	39.40 -2.65 0.00	36.60 -2.84 0.00	34.96 -2.67 0.00	35.39 -2.70 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.43 -8.59 1.65	75.29 -6.28 0.00	55.89 -7.16 0.34	47.76 -5.37 0.02	43.31 -3.97 0.00	41.57 -2.65 0.00
OXBOW___BTM 323836	44.33 -2.14 0.00	41.25 -2.08 0.00	38.53 -1.81 0.00	38.59 -1.57 0.00	39.23 -2.06 0.00	45.47 -2.96 0.00	64.69 -6.95 0.00	85.76 -9.43 0.00	72.08 -6.87 0.00	45.13 -3.55 0.00	39.27 -2.78 0.00	36.56 -2.88 0.00	35.34 -2.30 0.00	35.46 -2.63 0.00	35.17 -3.35 0.00	38.87 -3.15 0.00	45.93 -5.39 0.02	63.17 -7.41 0.02	76.55 -9.47 1.65	75.20 -6.36 0.00	56.27 -6.78 0.34	47.29 -5.85 0.02	43.07 -4.21 0.00	41.30 -2.92 0.00
OXBOW___ 24026	44.57 -1.91 0.00	41.04 -2.30 0.00	38.49 -1.86 0.00	38.59 -1.57 0.00	39.19 -2.11 0.00	45.28 -3.15 0.00	64.84 -6.81 0.00	85.96 -9.23 0.00	71.68 -7.26 0.00	44.88 -3.80 0.00	39.02 -3.03 0.00	36.28 -3.16 0.00	34.62 -3.01 0.00	35.08 -3.01 0.00	35.17 -3.35 0.00	38.61 -3.40 0.00	45.72 -5.60 0.02	62.53 -8.05 0.02	76.20 -9.82 1.65	74.39 -7.18 0.00	55.07 -7.99 0.34	47.02 -6.11 0.02	42.84 -4.44 0.00	41.12 -3.10 0.00
OXY_CHEM_DSASP 323612	43.96 -2.51 0.00	40.47 -2.86 0.00	37.96 -2.38 0.00	38.06 -2.09 0.00	38.65 -2.64 0.00	44.60 -3.83 0.00	63.83 -7.81 0.00	84.53 -10.66 0.00	70.58 -8.37 0.00	44.25 -4.43 0.00	38.51 -3.53 0.00	35.85 -3.59 0.00	34.25 -3.39 0.00	34.63 -3.47 0.00	34.75 -3.78 0.00	38.15 -3.87 0.00	45.01 -6.32 0.02	61.26 -9.32 0.02	74.71 -11.31 1.65	73.16 -8.40 0.00	53.93 -9.06 0.39	46.17 -6.96 0.02	42.27 -5.01 0.00	40.55 -3.67 0.00
OZONE_PARK_ESR 323760	49.03 2.56 0.00	45.63 2.30 0.00	42.44 2.10 0.00	42.12 1.97 0.00	43.36 2.06 0.00	50.56 2.13 0.00	74.72 3.08 0.00	101.09 5.90 0.00	83.21 4.26 0.00	51.70 3.02 0.00	45.41 3.36 0.00	42.63 3.19 0.00	40.79 3.16 0.00	41.29 3.20 0.00	41.72 3.20 0.00	45.34 3.32 0.00	55.25 3.90 0.00	75.26 4.66 0.00	93.15 5.79 0.30	86.70 5.14 0.00	67.45 4.12 0.06	56.56 3.40 0.00	50.35 3.07 0.00	47.14 2.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.96 -2.51 0.00	40.47 -2.86 0.00	37.96 -2.38 0.00	38.06 -2.09 0.00	38.65 -2.64 0.00	44.60 -3.83 0.00	63.83 -7.81 0.00	84.53 -10.66 0.00	70.58 -8.37 0.00	44.25 -4.43 0.00	38.51 -3.53 0.00	35.85 -3.59 0.00	34.25 -3.39 0.00	34.63 -3.47 0.00	34.75 -3.78 0.00	38.15 -3.87 0.00	45.01 -6.32 0.02	61.26 -9.32 0.02	74.71 -11.31 1.65	73.16 -8.40 0.00	53.93 -9.06 0.39	46.17 -6.96 0.02	42.27 -5.01 0.00	40.55 -3.67 0.00
PACKARD___115KV_DUPONT_184 80571	43.77 -2.70 0.00	40.69 -2.64 0.00	38.00 -2.34 0.00	38.06 -2.09 0.00	38.73 -2.56 0.00	44.80 -3.63 0.00	63.69 -7.95 0.00	84.34 -10.85 0.00	70.98 -7.97 0.00	44.49 -4.19 0.00	38.72 -3.32 0.00	36.13 -3.31 0.00	34.92 -2.71 0.00	35.04 -3.05 0.00	34.75 -3.77 0.00	38.40 -3.61 0.00	45.26 -6.06 0.02	62.18 -8.40 0.02	75.14 -10.87 1.65	73.98 -7.58 0.00	55.33 -7.67 0.39	46.49 -6.65 0.02	42.51 -4.77 0.00	40.72 -3.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.51 2.04 0.00	45.11 1.78 0.00	42.04 1.69 0.00	41.72 1.57 0.00	42.86 1.57 0.00	49.59 1.16 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.71 2.76 0.00	50.67 2.00 0.00	44.74 2.69 0.00	42.04 2.60 0.00	40.30 2.67 0.00	40.76 2.67 0.00	41.18 2.66 0.00	44.66 2.65 0.00	54.27 2.93 0.00	73.92 3.32 0.00	91.49 4.12 0.31	85.23 3.67 0.00	66.37 3.04 0.06	55.39 2.23 0.00	49.78 2.51 0.00	47.00 2.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.07 2.60 0.00	45.63 2.30 0.00	42.52 2.18 0.00	42.20 2.05 0.00	43.31 2.02 0.00	50.17 1.74 0.00	74.50 2.87 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.16 2.48 0.00	45.12 3.07 0.00	42.44 3.00 0.00	40.64 3.01 0.00	41.14 3.05 0.00	41.57 3.04 0.00	45.04 3.03 0.00	54.73 3.39 0.00	74.69 4.09 0.00	92.36 5.00 0.31	86.05 4.49 0.00	67.00 3.68 0.06	55.86 2.71 0.00	50.30 3.03 0.00	47.49 3.27 0.00
PATROON___115KV_TB1 80586	46.52 0.05 0.00	43.42 0.09 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.38 0.08 0.00	48.62 0.19 0.00	71.93 0.29 0.00	96.24 1.05 0.00	79.03 0.08 0.00	48.68 0.00 0.00	42.05 0.00 0.00	39.48 0.04 0.00	37.75 0.11 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.70 0.36 0.00	71.24 0.64 0.00	88.55 0.88 0.00	81.81 0.24 0.00	64.02 0.63 0.00	53.58 0.43 0.00	47.28 0.00 0.00	44.13 -0.09 0.00
PATTRSNVILLE___SOLAR 323815	47.63 1.16 0.00	44.42 1.08 0.00	41.35 1.01 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.78 1.35 0.00	73.87 2.22 0.00	98.71 3.52 0.00	80.53 1.58 0.00	48.97 0.29 0.00	42.00 -0.04 0.00	39.32 -0.12 0.00	37.52 -0.11 0.00	38.05 -0.04 0.00	38.56 0.04 0.00	42.19 0.17 0.00	51.96 0.62 0.00	72.29 1.69 0.00	89.94 2.54 0.27	83.61 2.04 0.00	65.05 1.71 0.05	54.64 1.49 0.00	48.37 1.09 0.00	45.10 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.61 -1.86 0.00	41.17 -2.17 0.00	38.61 -1.73 0.00	38.75 -1.41 0.00	39.31 -1.98 0.00	45.52 -2.91 0.00	65.77 -5.87 0.00	87.67 -7.52 0.00	72.79 -6.16 0.00	45.27 -3.41 0.00	39.44 -2.61 0.00	36.60 -2.84 0.00	34.92 -2.71 0.00	35.43 -2.67 0.00	35.52 -3.00 0.00	38.95 -3.07 0.00	47.01 -4.31 0.03	65.70 -4.87 0.03	79.81 -6.22 1.64	75.61 -5.95 0.00	58.72 -4.31 0.36	49.57 -3.56 0.03	43.26 -4.02 0.00	41.34 -2.87 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.56 2.09 0.00	45.28 1.95 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.15 1.86 0.00	50.27 1.84 0.00	74.44 2.79 0.00	100.52 5.33 0.00	82.58 3.63 0.00	50.92 2.24 0.00	44.53 2.48 0.00	41.73 2.29 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.41 2.40 0.00	54.27 2.93 0.00	74.48 3.88 0.00	92.28 4.91 0.30	85.89 4.32 0.00	66.75 3.42 0.06	55.87 2.71 0.00	49.64 2.36 0.00	46.47 2.26 0.00
PEEKSKILL___ 23653	48.14 1.67 0.00	44.94 1.60 0.00	41.79 1.45 0.00	41.56 1.40 0.00	42.74 1.44 0.00	49.78 1.35 0.00	73.65 2.00 0.00	99.37 4.18 0.00	81.71 2.76 0.00	50.58 1.90 0.00	44.36 2.31 0.00	41.61 2.17 0.00	39.74 2.11 0.00	40.26 2.17 0.00	40.72 2.19 0.00	44.24 2.23 0.00	53.96 2.62 0.00	73.63 3.03 0.00	91.22 3.85 0.31	84.83 3.27 0.00	65.86 2.54 0.06	55.39 2.23 0.00	49.31 2.03 0.00	46.16 1.94 0.00
PGE MADISON___WINDPWR 24146	49.26 2.79 0.00	45.98 2.64 0.00	42.80 2.46 0.00	42.52 2.37 0.00	43.81 2.52 0.00	51.72 3.29 0.00	77.37 5.73 0.00	104.33 9.14 0.00	84.95 6.00 0.00	51.02 2.34 0.00	43.85 1.81 0.00	40.78 1.34 0.00	38.61 0.98 0.00	39.12 1.03 0.00	39.37 0.85 0.00	43.53 1.51 0.00	53.78 2.41 -0.03	74.79 4.17 -0.03	92.39 5.96 1.24	88.01 6.44 0.00	67.69 4.50 0.20	56.80 3.61 -0.03	49.93 2.65 0.00	46.87 2.65 0.00

PIERCEFIELD___HYD 23852	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.37 1.94 0.00	74.79 3.15 0.00	97.47 2.28 0.00	81.87 2.92 0.00	49.99 1.31 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.86 0.84 0.00	51.86 0.51 0.00	71.31 0.71 0.00	88.29 0.61 0.00	82.54 0.98 0.00	64.27 0.89 0.00	54.54 1.38 0.00	48.89 1.61 0.00	45.68 1.46 0.00
PINELAWN_CC_1 323563	47.77 1.30 0.00	45.07 1.74 0.00	41.84 1.49 0.00	41.47 1.32 0.00	42.78 1.48 0.00	49.10 0.68 0.01	71.27 0.07 0.45	88.36 1.62 8.44	67.25 0.48 12.17	49.20 0.54 0.01	44.40 2.35 0.00	41.45 2.01 0.00	39.66 2.03 0.00	40.57 2.47 0.00	41.11 2.58 0.00	44.89 2.65 -0.22	52.94 1.59 0.00	72.15 1.55 0.00	89.20 1.84 0.31	82.87 1.30 0.00	64.59 1.27 0.06	54.43 1.27 0.00	48.32 1.04 0.00	46.16 1.94 0.00
PJM_GEN_HTTP_PROXY 323702	48.51 2.04 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	43.03 1.73 0.00	50.12 1.69 0.00	74.08 2.44 0.00	100.14 4.95 0.00	78.76 3.39 3.58	54.74 2.48 -3.58	44.95 2.90 0.00	42.20 2.76 0.00	40.30 2.67 0.00	40.84 2.74 0.00	41.30 2.78 0.00	44.83 2.82 0.00	54.63 3.29 0.00	74.34 3.74 0.00	92.01 4.64 0.30	85.56 4.00 0.00	66.43 3.11 0.06	55.92 2.76 0.00	49.78 2.50 0.00	46.65 2.43 0.00
PJM_GEN_KEystone 24065	45.96 -0.51 0.00	42.90 -0.43 0.00	39.98 -0.36 0.00	39.87 -0.28 0.00	40.84 -0.45 0.00	47.36 -1.07 0.00	69.35 -2.30 0.00	92.71 -2.48 0.00	73.16 -2.21 3.58	51.23 -1.02 -3.58	41.67 -0.38 0.00	38.97 -0.47 0.00	37.37 -0.26 0.00	37.71 -0.38 0.00	37.87 -0.66 0.00	41.43 -0.59 0.02	49.84 -1.49 0.02	68.26 -2.33 0.02	83.95 -2.72 1.00	80.10 -1.47 0.00	61.07 -2.09 0.22	51.44 -1.70 0.02	46.10 -1.18 0.00	43.60 -0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.49 1.02 0.00	44.72 1.39 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.45 1.15 0.00	48.86 0.43 0.01	71.65 0.57 0.56	87.04 2.38 10.53	61.29 1.19 18.84	53.27 1.02 -3.56	44.56 2.52 0.01	41.57 2.13 0.00	39.78 2.14 0.00	40.64 2.55 0.01	41.14 2.62 0.01	44.85 2.82 -0.01	53.19 1.85 0.00	72.51 1.91 0.00	89.81 2.45 0.31	83.44 1.88 0.00	64.85 1.52 0.06	54.58 1.44 0.01	48.46 1.18 0.01	45.85 1.64 0.01
PJM_GEN_VFT_PROXY 323633	48.33 1.86 0.00	45.02 1.69 0.00	41.91 1.57 0.00	41.68 1.53 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.79 2.15 0.00	99.76 4.57 0.00	78.53 3.16 3.58	54.64 2.38 -3.58	44.86 2.82 0.00	42.12 2.68 0.00	40.27 2.63 0.00	40.80 2.70 0.00	41.26 2.74 0.00	44.75 2.73 0.00	54.48 3.13 0.00	74.13 3.53 0.00	91.75 4.38 0.31	85.32 3.75 0.00	66.24 2.92 0.06	55.76 2.60 0.00	49.64 2.36 0.00	46.47 2.25 0.00
PLATSBURG_115KV_PMLD1 355749	47.31 0.84 0.00	44.24 0.91 0.00	41.11 0.77 0.00	40.99 0.84 0.00	42.16 0.87 0.00	49.11 0.68 0.00	71.86 0.21 0.00	94.05 -1.14 0.00	79.11 0.16 0.00	49.21 0.54 0.00	42.30 0.25 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.64 0.12 0.00	42.19 0.17 0.00	51.14 -0.21 0.00	70.32 -0.28 0.00	87.06 -0.61 0.00	81.16 -0.41 0.00	62.94 -0.44 0.00	53.10 -0.05 0.00	48.04 0.76 0.00	44.93 0.71 0.00
PLEASANTVLY___LBMP 24000	47.91 1.44 0.00	44.68 1.34 0.00	41.55 1.21 0.00	41.32 1.16 0.00	42.49 1.20 0.00	49.59 1.16 0.00	73.22 1.58 0.00	98.71 3.52 0.00	81.24 2.29 0.00	50.33 1.66 0.00	44.02 1.98 0.00	41.33 1.89 0.00	39.51 1.88 0.00	40.00 1.90 0.00	40.45 1.93 0.00	43.99 1.97 0.00	53.65 2.31 0.00	73.35 2.75 0.00	90.80 3.42 0.30	84.50 2.94 0.00	65.80 2.47 0.06	55.12 1.97 0.00	49.03 1.75 0.00	45.90 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.33 1.86 0.00	45.07 1.73 0.00	41.92 1.57 0.00	41.64 1.49 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.79 2.15 0.00	99.66 4.47 0.00	81.95 3.00 0.00	50.82 2.14 0.00	44.57 2.52 0.00	41.81 2.37 0.00	39.97 2.33 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.22 2.88 0.00	74.06 3.46 0.00	91.66 4.30 0.30	85.32 3.75 0.00	66.43 3.11 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.33 1.86 0.00	45.07 1.73 0.00	41.92 1.57 0.00	41.64 1.49 0.00	42.82 1.53 0.00	49.93 1.50 0.00	73.79 2.15 0.00	99.66 4.47 0.00	81.95 3.00 0.00	50.82 2.14 0.00	44.57 2.52 0.00	41.81 2.37 0.00	39.97 2.33 0.00	40.49 2.40 0.00	40.91 2.39 0.00	44.50 2.48 0.00	54.22 2.88 0.00	74.06 3.46 0.00	91.66 4.30 0.30	85.32 3.75 0.00	66.43 3.11 0.06	55.65 2.50 0.00	49.50 2.22 0.00	46.34 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.19 1.72 0.00	44.89 1.56 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.74 1.45 0.00	49.93 1.50 0.00	73.79 2.15 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.53 1.85 0.00	44.11 2.06 0.00	41.33 1.89 0.00	39.51 1.88 0.00	40.00 1.90 0.00	40.45 1.93 0.00	44.03 2.02 0.00	53.81 2.46 0.00	73.78 3.18 0.00	91.49 4.12 0.30	85.15 3.59 0.00	66.24 2.92 0.06	55.44 2.29 0.00	49.27 1.99 0.00	46.08 1.86 0.00
POLETTI____ 23519	36.29 1.39 11.58	35.50 1.17 9.01	35.41 1.09 6.02	35.37 0.96 5.75	35.41 0.95 6.83	39.49 0.48 9.43	57.66 1.22 15.20	83.18 2.95 14.96	61.31 1.89 19.53	37.79 1.41 12.30	36.85 2.23 7.42	36.81 2.21 4.84	36.88 2.30 3.05	36.85 2.25 3.49	36.81 2.27 3.99	36.85 2.18 7.35	36.87 2.46 16.94	49.13 2.54 24.02	66.79 3.24 24.13	60.44 2.85 23.98	43.24 2.41 22.56	40.94 1.59 13.81	49.78 2.51 0.00	47.00 2.79 0.00
POMONA___ESR 323819	48.19 1.72 0.00	44.98 1.65 0.00	41.84 1.49 0.00	41.60 1.44 0.00	42.78 1.48 0.00	49.88 1.45 0.00	73.79 2.15 0.00	99.48 4.29 0.00	81.79 2.84 0.00	50.68 2.00 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.78 2.14 0.00	40.30 2.21 0.00	40.76 2.23 0.00	44.29 2.27 0.00	54.01 2.67 0.00	73.70 3.10 0.00	91.31 3.95 0.31	84.99 3.43 0.00	65.99 2.66 0.06	55.44 2.28 0.00	49.36 2.08 0.00	46.25 2.04 0.00
PORT_JEFF_3 23555	47.40 0.93 0.00	44.76 1.43 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.05 -0.07 0.52	86.52 1.15 9.82	65.19 0.48 14.24	49.29 0.63 0.02	44.39 2.35 0.00	41.53 2.09 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.73 1.39 0.00	71.59 0.99 0.00	88.33 0.97 0.31	82.14 0.57 0.00	63.96 0.63 0.06	54.37 1.22 0.01	48.46 1.18 0.01	46.11 1.90 0.00
PORT_JEFF_4 23616	47.40 0.93 0.00	44.76 1.43 0.00	41.55 1.21 0.00	41.24 1.08 0.00	42.45 1.15 0.00	48.52 0.10 0.01	71.05 -0.07 0.52	86.52 1.15 9.82	65.19 0.48 14.24	49.29 0.63 0.02	44.39 2.35 0.00	41.53 2.09 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.73 1.39 0.00	71.59 0.99 0.00	88.33 0.97 0.31	82.14 0.57 0.00	63.96 0.63 0.06	54.37 1.22 0.01	48.46 1.18 0.01	46.11 1.90 0.00

PORT_JEFF_IC 23713	48.05 1.58 0.00	45.33 1.99 0.00	41.80 1.45 0.00	41.44 1.28 0.00	42.70 1.40 0.00	48.77 0.34 0.00	71.26 0.14 0.52	87.24 1.81 9.76	65.75 0.95 14.15	49.54 0.88 0.02	44.73 2.69 0.00	41.84 2.41 0.00	40.27 2.63 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.22 3.11 -0.09	53.60 2.26 0.00	73.00 2.40 0.00	89.73 2.37 0.31	84.18 2.61 0.00	65.55 2.22 0.06	54.80 1.65 0.00	48.65 1.37 0.00	46.20 1.99 0.00
PPL PILGRIM_ST_GT1 24216	47.96 1.49 0.00	45.29 1.95 0.00	42.04 1.69 0.00	41.72 1.56 0.00	42.99 1.69 0.00	49.24 0.82 0.01	71.35 0.22 0.51	87.73 2.00 9.46	65.94 0.71 13.72	49.20 0.54 0.01	44.94 2.90 0.00	41.97 2.53 0.00	40.15 2.52 0.00	41.10 3.01 0.00	41.64 3.12 0.00	45.00 2.86 -0.13	53.55 2.21 0.00	73.00 2.40 0.00	89.38 2.02 0.31	83.04 1.47 0.00	65.29 1.97 0.06	55.06 1.91 0.00	48.83 1.56 0.00	46.38 2.17 0.00
PPL PILGRIM_ST_GT2 24217	47.96 1.49 0.00	45.29 1.95 0.00	42.04 1.69 0.00	41.72 1.56 0.00	42.99 1.69 0.00	49.24 0.82 0.01	71.35 0.22 0.51	87.73 2.00 9.46	65.94 0.71 13.72	49.20 0.54 0.01	44.94 2.90 0.00	41.97 2.53 0.00	40.15 2.52 0.00	41.10 3.01 0.00	41.64 3.12 0.00	45.00 2.86 -0.13	53.55 2.21 0.00	73.00 2.40 0.00	89.38 2.02 0.31	83.04 1.47 0.00	65.29 1.97 0.06	55.06 1.91 0.00	48.83 1.56 0.00	46.38 2.17 0.00
PPL_SHRM_GT3 24213	47.49 1.02 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.27 1.12 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.26 0.14 0.52	87.02 1.62 9.79	65.39 0.63 14.19	49.30 0.63 0.02	44.23 2.19 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	45.01 2.90 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.33 0.97 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.48 1.33 0.01	48.46 1.18 0.01	46.11 1.90 0.00
PPL_SHRM_GT4 24214	47.49 1.02 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.27 1.12 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.26 0.14 0.52	87.02 1.62 9.79	65.39 0.63 14.19	49.30 0.63 0.02	44.23 2.19 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	45.01 2.90 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.33 0.97 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.48 1.33 0.01	48.46 1.18 0.01	46.11 1.90 0.00
PROJECT___ORANGE 1 24174	45.82 -0.65 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.55 -0.60 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.71 -0.93 0.00	94.33 0.00 0.00	78.00 -0.95 0.00	48.00 -0.68 0.00	41.46 -0.59 0.00	38.85 -0.59 0.00	36.99 -0.64 0.00	37.48 -0.61 0.00	37.83 -0.69 0.00	41.30 -0.71 0.00	50.47 -0.87 0.00	69.40 -1.20 0.00	84.77 -1.23 1.68	80.67 -0.90 0.00	62.04 -1.01 0.33	52.36 -0.80 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00
PROJECT___ORANGE 2 24166	45.82 -0.65 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.55 -0.60 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.71 -0.93 0.00	94.33 -0.86 0.00	78.00 -0.95 0.00	48.00 -0.68 0.00	41.46 -0.59 0.00	38.85 -0.59 0.00	36.99 -0.64 0.00	37.48 -0.61 0.00	37.83 -0.69 0.00	41.30 -0.71 0.00	50.47 -0.87 0.00	69.40 -1.20 0.00	84.77 -1.23 1.68	80.67 -0.90 0.00	62.04 -1.01 0.33	52.36 -0.80 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00
PUCKETT___SOLAR 323809	47.17 0.70 0.00	44.02 0.69 0.00	40.99 0.64 0.00	40.79 0.64 0.00	41.95 0.66 0.00	49.16 0.73 0.00	72.78 1.14 0.00	97.38 2.19 0.00	80.21 1.26 0.00	49.02 0.34 0.00	42.30 0.25 0.00	39.48 0.04 0.00	37.60 -0.04 0.00	38.05 -0.04 0.00	38.33 -0.19 0.00	42.10 0.08 0.00	51.45 0.10 0.00	71.10 0.50 0.00	87.40 1.06 1.33	83.20 1.63 0.00	63.89 0.76 0.26	53.74 0.59 0.00	47.70 0.42 0.00	44.79 0.57 0.00
PYRITES___HYD 24023	48.52 2.04 0.00	45.50 2.17 0.00	42.28 1.94 0.00	42.08 1.93 0.00	43.36 2.06 0.00	51.04 2.62 0.00	75.94 4.30 0.00	98.90 3.71 0.00	82.90 3.95 0.00	50.38 1.70 0.00	43.14 1.09 0.00	40.50 1.06 0.00	38.57 0.94 0.00	38.93 0.84 0.00	39.37 0.85 0.00	43.11 1.09 0.00	52.37 1.03 0.00	72.44 1.84 0.00	89.95 2.28 0.00	84.34 2.77 0.00	65.54 2.16 0.00	55.39 2.23 0.00	49.50 2.22 0.00	46.25 2.03 0.00
QUAKERRD_115KV_BK1 80622	44.80 -1.67 0.00	41.56 -1.78 0.00	38.77 -1.57 0.00	38.67 -1.49 0.00	39.60 -1.69 0.00	46.20 -2.23 0.00	68.20 -3.44 0.00	90.93 -4.28 -0.02	75.40 -3.55 0.00	46.44 -2.24 0.00	40.03 -2.02 0.00	37.51 -1.93 0.00	35.71 -1.92 0.00	36.15 -1.94 0.00	36.41 -2.12 0.00	39.83 -2.18 0.00	48.20 -3.13 0.01	66.14 -4.45 0.01	80.96 -5.08 1.62	77.98 -3.59 0.00	58.74 -4.31 0.34	49.85 -3.30 0.01	44.82 -2.46 0.00	42.14 -2.08 0.00
QUENSBRY_115KV_TB8 356137	47.73 1.25 0.00	44.63 1.30 0.00	41.55 1.21 0.00	41.40 1.24 0.00	42.57 1.28 0.00	50.08 1.65 0.00	74.44 2.79 0.00	99.57 4.38 0.00	81.40 2.45 0.00	49.36 0.68 0.00	42.38 0.34 0.00	39.60 0.16 0.00	37.75 0.11 0.00	38.36 0.27 0.00	38.87 0.35 0.00	42.48 0.46 0.00	52.32 0.00 0.00	72.65 2.05 0.00	90.65 2.98 0.00	83.69 2.12 0.00	65.29 1.90 0.00	54.64 1.49 0.00	48.32 1.04 0.00	45.02 0.80 0.00
RAMAPO___LBMP 323565	48.14 1.67 0.00	44.89 1.56 0.00	41.72 1.37 0.00	41.48 1.33 0.00	42.66 1.36 0.00	49.74 1.31 0.00	73.50 1.86 0.00	99.19 4.00 0.00	81.55 2.61 0.00	50.53 1.85 0.00	44.32 2.27 0.00	41.57 2.13 0.00	39.74 2.11 0.00	40.22 2.13 0.00	40.68 2.16 0.00	44.24 2.23 0.00	53.91 2.57 0.00	73.64 3.04 0.00	91.13 3.77 0.31	84.99 3.43 0.00	66.05 2.73 0.06	55.33 2.18 0.00	49.27 1.99 0.00	46.12 1.90 0.00
RANKINE____ 23646	45.03 -1.44 0.00	41.51 -1.82 0.00	38.93 -1.41 0.00	39.07 -1.08 0.00	39.68 -1.61 0.00	45.91 -2.52 0.00	66.13 -5.52 0.00	87.96 -7.23 0.00	73.11 -5.84 0.00	45.56 -3.12 0.00	39.65 -2.40 0.00	36.84 -2.60 0.00	35.15 -2.48 0.00	35.62 -2.48 0.00	35.71 -2.81 0.00	39.16 -2.86 0.00	46.80 -4.52 0.02	64.65 -5.93 0.02	78.75 -7.28 1.64	75.86 -5.71 0.00	57.13 -5.90 0.36	48.67 -4.47 0.02	43.55 -3.74 0.00	41.65 -2.56 0.00
RAVENSWOOD_GT2_1 24244	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.87 2.86 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.10 4.73 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT2_2 24245	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.87 2.86 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.10 4.73 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00



RAVENSWOOD_GT2_3 24246	48.61 2.14 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.84 1.69 0.00	43.03 1.73 0.00	50.17 1.74 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.81 3.49 0.06	56.03 2.87 0.00	49.93 2.65 0.00	46.74 2.52 0.00
RAVENSWOOD_GT2_4 24247	48.61 2.14 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.84 1.69 0.00	43.03 1.73 0.00	50.17 1.74 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.42 2.78 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.81 3.49 0.06	56.03 2.87 0.00	49.93 2.65 0.00	46.74 2.52 0.00
RAVENSWOOD_GT3_1 24248	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT3_2 24249	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT3_3 24250	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.84 1.69 0.00	43.07 1.78 0.00	50.17 1.74 0.00	74.08 2.44 0.00	100.24 5.05 0.00	82.42 3.47 0.00	51.21 2.53 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.55 3.95 0.00	92.28 4.91 0.30	85.89 4.32 0.00	66.88 3.55 0.06	56.08 2.92 0.00	49.93 2.65 0.00	46.78 2.56 0.00
RAVENSWOOD_GT3_4 24251	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.84 1.69 0.00	43.07 1.78 0.00	50.17 1.74 0.00	74.08 2.44 0.00	100.24 5.05 0.00	82.42 3.47 0.00	51.21 2.53 0.00	45.03 2.99 0.00	42.28 2.84 0.00	40.46 2.82 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.96 2.94 0.00	54.73 3.39 0.00	74.55 3.95 0.00	92.28 4.91 0.30	85.89 4.32 0.00	66.88 3.55 0.06	56.08 2.92 0.00	49.93 2.65 0.00	46.78 2.56 0.00
RAVENSWOOD_GT_1 23729	48.61 2.14 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.84 1.69 0.00	42.99 1.69 0.00	49.93 1.50 0.00	73.65 2.01 0.00	99.57 4.38 0.00	81.95 3.00 0.00	50.97 2.29 0.00	44.99 2.94 0.00	42.28 2.84 0.00	40.49 2.86 0.00	40.99 2.89 0.00	41.41 2.89 0.00	44.87 2.86 0.00	54.58 3.23 0.00	74.13 3.53 0.00	91.75 4.38 0.30	85.40 3.83 0.00	66.43 3.11 0.06	55.76 2.60 0.00	49.93 2.65 0.00	46.96 2.74 0.00
RAVENSWOOD_GT_10 24258	48.56 2.09 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	56.03 2.87 0.00	49.88 2.60 0.00	46.70 2.48 0.00
RAVENSWOOD_GT_11 24259	48.56 2.09 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	56.03 2.87 0.00	49.88 2.60 0.00	46.70 2.48 0.00
RAVENSWOOD_GT_4 24252	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT_5 24254	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT_6 24253	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT_7 24255	48.56 2.09 0.00	45.24 1.91 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.24 2.80 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	55.97 2.82 0.00	49.88 2.60 0.00	46.74 2.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.56 2.09 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	56.03 2.87 0.00	49.88 2.60 0.00	46.70 2.48 0.00
RAVENSWOOD_GT_9 24257	48.56 2.09 0.00	45.28 1.95 0.00	42.12 1.78 0.00	41.80 1.65 0.00	43.03 1.73 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.14 4.95 0.00	82.34 3.39 0.00	51.16 2.48 0.00	44.99 2.94 0.00	42.20 2.76 0.00	40.38 2.75 0.00	40.91 2.82 0.00	41.34 2.81 0.00	44.92 2.90 0.00	54.68 3.34 0.00	74.48 3.88 0.00	92.19 4.82 0.30	85.81 4.24 0.00	66.75 3.42 0.06	56.03 2.87 0.00	49.88 2.60 0.00	46.70 2.48 0.00

RAVENSWOOD___1 23533	48.47 2.00 0.00	45.15 1.82 0.00	42.12 1.77 0.00	41.84 1.69 0.00	42.94 1.65 0.00	49.88 1.45 0.00	73.57 1.94 0.01	99.47 4.29 0.01	81.78 2.84 0.01	50.87 2.19 0.00	44.91 2.86 0.00	42.20 2.76 0.00	40.34 2.71 0.00	40.87 2.78 0.00	41.34 2.81 0.00	44.79 2.77 0.00	54.48 3.13 0.00	73.84 3.25 0.01	91.48 4.12 0.31	84.98 3.43 0.01	66.04 2.72 0.07	55.60 2.45 0.01	49.74 2.46 0.00	46.84 2.61 -0.01
RAVENSWOOD___2 23534	48.47 2.00 0.00	45.11 1.78 0.00	42.08 1.73 0.00	41.84 1.69 0.00	42.94 1.65 0.00	49.83 1.41 0.00	73.57 1.94 0.01	99.37 4.18 0.01	81.78 2.84 0.01	50.87 2.19 0.00	44.86 2.82 0.00	42.16 2.72 0.00	40.34 2.71 0.00	40.87 2.78 0.00	41.34 2.81 0.00	44.75 2.73 0.00	54.42 3.08 0.00	73.84 3.25 0.01	91.39 4.04 0.31	84.98 3.43 0.01	65.98 2.66 0.07	55.54 2.39 0.01	49.74 2.46 0.00	46.84 2.61 -0.01
RAVENSWOOD___3 23535	48.47 2.00 0.00	45.20 1.86 0.00	42.12 1.77 0.00	41.84 1.69 0.00	43.03 1.73 0.00	50.12 1.69 0.00	74.00 2.36 0.00	100.04 4.85 0.00	82.26 3.32 0.00	51.11 2.43 0.00	44.91 2.86 0.00	42.16 2.72 0.00	40.30 2.67 0.00	40.84 2.74 0.00	41.30 2.78 0.00	44.83 2.82 0.00	54.58 3.24 0.00	74.27 3.67 0.00	91.92 4.56 0.30	85.48 3.92 0.00	66.37 3.04 0.06	55.92 2.76 0.00	49.78 2.50 0.00	46.65 2.43 0.00
RAVENSWOOD___4 23820	48.46 2.00 0.00	45.11 1.78 0.00	42.07 1.73 0.00	41.79 1.65 0.00	42.90 1.61 0.00	49.78 1.35 0.00	73.57 1.94 0.01	99.36 4.18 0.01	81.70 2.76 0.01	50.87 2.19 0.00	44.86 2.82 0.00	42.16 2.72 0.00	40.34 2.71 0.00	40.87 2.78 0.00	41.34 2.81 0.00	44.75 2.73 0.00	54.42 3.08 0.00	73.84 3.25 0.01	91.39 4.04 0.32	84.98 3.43 0.01	65.98 2.66 0.07	55.54 2.39 0.01	49.73 2.46 0.00	46.84 2.61 -0.01
RCPL_TRUST___DRP 24196	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.22 1.79 0.00	74.15 2.51 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.31 2.63 0.00	45.07 3.03 0.00	42.32 2.88 0.00	40.49 2.86 0.00	40.99 2.89 0.00	41.41 2.89 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.62 4.02 0.00	92.36 5.00 0.30	85.97 4.40 0.00	66.88 3.55 0.06	56.08 2.92 0.00	49.93 2.65 0.00	46.78 2.56 0.00
RED___ROCHESTER 323720	45.92 -0.56 0.00	42.73 -0.61 0.00	39.82 -0.53 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.36 -1.07 0.00	69.56 -2.08 0.00	92.71 -2.48 0.00	77.29 -1.66 0.00	47.61 -1.07 0.00	41.08 -0.97 0.00	38.53 -0.91 0.00	36.88 -0.75 0.00	37.14 -0.95 0.00	37.22 -1.31 0.00	40.89 -1.13 0.00	49.43 -1.90 0.01	68.26 -2.33 0.01	83.37 -2.63 1.67	80.50 -1.06 0.00	61.00 -2.03 0.35	51.18 -1.97 0.01	45.91 -1.37 0.00	43.25 -0.97 0.00
REGAN___SOLAR 323812	48.42 1.95 0.00	45.15 1.82 0.00	42.00 1.65 0.00	41.88 1.73 0.00	43.11 1.81 0.00	50.85 2.42 0.00	75.72 4.08 0.00	101.19 6.00 0.00	81.71 2.76 0.00	48.68 0.00 0.00	41.37 -0.67 0.00	38.57 -0.87 0.00	36.80 -0.83 0.00	37.44 -0.65 0.00	38.06 -0.46 0.00	41.93 -0.08 0.00	52.11 0.77 0.00	73.43 2.83 0.00	91.65 4.29 0.31	85.24 3.67 0.00	66.18 2.86 0.06	55.65 2.50 0.00	49.12 1.84 0.00	45.72 1.50 0.00
RENSSELAER___COGEN 23796	46.38 -0.09 0.00	43.16 -0.17 0.00	40.22 -0.12 0.00	40.07 -0.08 0.00	41.17 -0.12 0.00	48.38 -0.05 0.00	71.50 -0.14 0.00	95.67 0.48 0.00	78.48 -0.47 0.00	48.44 -0.24 0.00	41.84 -0.21 0.00	39.28 -0.16 0.00	37.52 -0.11 0.00	38.05 -0.04 0.00	38.53 0.00 0.00	41.93 -0.08 0.00	51.45 0.10 0.00	70.81 0.21 0.00	88.02 0.35 0.00	81.24 -0.32 0.00	63.58 0.19 0.00	53.26 0.11 0.00	47.09 -0.19 0.00	43.91 -0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.68 3.21 0.00	46.50 3.16 0.00	43.25 2.90 0.00	43.12 2.97 0.00	44.35 3.06 0.00	53.03 4.60 0.00	79.24 7.59 0.00	106.04 10.85 0.00	86.05 7.11 0.00	51.45 2.77 0.00	43.90 1.85 0.00	40.86 1.42 0.00	38.87 1.24 0.00	39.54 1.45 0.00	40.07 1.54 0.00	43.95 1.93 0.00	54.37 3.03 0.00	75.40 4.80 0.00	94.42 6.75 0.00	87.11 5.55 0.00	67.82 4.44 0.00	56.77 3.61 0.00	50.07 2.79 0.00	46.52 2.30 0.00
REVERE_CPPR_DRP 24186	47.96 1.49 0.00	44.85 1.52 0.00	41.76 1.41 0.00	41.48 1.33 0.00	42.74 1.45 0.00	50.37 1.94 0.00	75.01 3.37 0.00	100.33 5.14 0.00	82.34 3.39 0.00	50.09 1.41 0.00	43.14 1.09 0.00	40.31 0.87 0.00	38.31 0.68 0.00	38.82 0.72 0.00	39.14 0.62 0.00	42.98 0.97 0.00	52.63 1.28 0.00	72.72 2.12 0.00	90.14 3.07 0.60	84.91 3.34 0.00	65.68 2.41 0.12	55.33 2.18 0.00	48.89 1.61 0.00	45.72 1.50 0.00
REYNLDPA_13_KV_LD 356490	47.17 0.70 0.00	44.07 0.74 0.00	41.03 0.69 0.00	40.88 0.72 0.00	42.04 0.74 0.00	49.35 0.92 0.00	73.00 1.36 0.00	95.67 0.48 0.00	80.37 1.42 0.00	49.46 0.78 0.00	42.51 0.46 0.00	39.95 0.51 0.00	38.12 0.49 0.00	38.47 0.38 0.00	38.99 0.46 0.00	42.48 0.46 0.00	51.75 0.41 0.00	71.38 0.78 0.00	88.55 0.88 0.00	82.62 1.06 0.00	64.09 0.70 0.00	53.74 0.59 0.00	48.03 0.75 0.00	44.92 0.71 0.00
REYNOLDS_115KV_TB3 80639	46.66 0.19 0.00	43.55 0.22 0.00	40.59 0.24 0.00	40.39 0.24 0.00	41.54 0.25 0.00	48.82 0.39 0.00	72.07 0.43 0.00	96.43 1.24 0.00	79.03 0.08 0.00	48.83 0.15 0.00	42.05 0.00 0.00	39.52 0.08 0.00	37.78 0.15 0.00	38.28 0.19 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.86 0.51 0.00	71.45 0.85 0.00	88.81 1.14 0.00	81.97 0.41 0.00	64.27 0.89 0.00	53.74 0.58 0.00	47.42 0.14 0.00	44.22 0.00 0.00
RIVERBAY____ 323610	49.07 2.60 0.00	45.63 2.30 0.00	42.52 2.18 0.00	42.20 2.05 0.00	43.31 2.02 0.00	50.17 1.74 0.00	74.50 2.87 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.16 2.48 0.00	45.12 3.07 0.00	42.44 3.00 0.00	40.64 3.01 0.00	41.14 3.05 0.00	41.57 3.04 0.00	45.04 3.03 0.00	54.73 3.39 0.00	74.69 4.09 0.00	92.36 5.00 0.31	86.05 4.49 0.00	67.00 3.68 0.06	55.86 2.71 0.00	50.30 3.03 0.00	47.49 3.27 0.00
RIVERSDE_115KV_TB3 55908	46.33 -0.14 0.00	43.25 -0.09 0.00	40.30 -0.04 0.00	40.11 -0.04 0.00	41.25 -0.04 0.00	48.48 0.05 0.00	71.57 -0.07 0.00	95.76 0.57 0.00	78.63 -0.32 0.00	48.48 -0.19 0.00	41.88 -0.17 0.00	39.32 -0.12 0.00	37.63 0.00 0.00	38.13 0.04 0.00	38.56 0.04 0.00	42.02 0.00 0.00	51.55 0.21 0.00	71.02 0.42 0.00	88.20 0.53 0.00	81.40 -0.16 0.00	63.83 0.44 0.00	53.37 0.21 0.00	47.14 -0.14 0.00	43.95 -0.27 0.00
ROARING___BROOK_WT_PWR 323790	46.33 -0.14 0.00	43.25 -0.09 0.00	40.26 -0.08 0.00	40.11 -0.04 0.00	41.29 0.00 0.00	48.43 0.00 0.00	71.64 0.00 0.00	94.91 -0.28 0.00	78.87 -0.08 0.00	48.68 0.00 0.00	42.00 -0.04 0.00	39.44 0.00 0.00	37.60 -0.04 0.00	38.05 -0.04 0.00	38.49 -0.04 0.00	41.93 -0.08 0.00	51.19 -0.15 0.00	70.32 -0.28 0.00	87.06 -0.61 0.00	80.91 -0.66 0.00	62.88 -0.51 0.00	52.84 -0.32 0.00	47.09 -0.19 0.00	44.09 -0.13 0.00

ROCHESRG_115KV_T4 355643	45.63 -0.84 0.00	42.25 -1.08 0.00	39.46 -0.89 0.00	39.39 -0.76 0.00	40.30 -0.99 0.00	46.98 -1.45 0.00	68.99 -2.65 0.00	91.95 -3.24 0.00	76.26 -2.68 0.00	47.12 -1.56 0.00	40.66 -1.39 0.00	38.06 -1.38 0.00	36.24 -1.39 0.00	36.68 -1.41 0.00	36.95 -1.58 0.00	40.42 -1.60 0.00	48.71 -2.62 0.01	66.70 -3.88 0.01	81.70 -4.30 1.68	78.96 -2.61 0.00	59.17 -3.87 0.35	50.27 -2.87 0.01	45.39 -1.89 0.00	42.80 -1.42 0.00
ROCHESTER_9_IC 23652	45.87 -0.60 0.00	42.47 -0.87 0.00	39.66 -0.69 0.00	39.55 -0.60 0.00	40.51 -0.78 0.00	47.17 -1.26 0.00	69.42 -2.22 0.00	92.52 -2.67 0.00	76.74 -2.21 0.00	47.36 -1.31 0.00	40.83 -1.22 0.00	38.26 -1.18 0.00	36.39 -1.24 0.00	36.83 -1.26 0.00	37.10 -1.43 0.00	40.59 -1.43 0.00	48.97 -2.36 0.01	67.13 -3.46 0.01	82.23 -3.77 1.67	79.53 -2.04 0.00	59.48 -3.55 0.35	50.59 -2.55 0.01	45.63 -1.65 0.00	42.98 -1.24 0.00
ROCKVIEW_13_KV_LD 356306	48.47 2.00 0.00	45.20 1.86 0.00	42.08 1.73 0.00	41.76 1.61 0.00	42.99 1.69 0.00	50.12 1.70 0.00	74.01 2.36 0.00	100.04 4.85 0.00	82.26 3.32 0.00	51.06 2.39 0.00	44.82 2.78 0.00	42.08 2.64 0.00	40.23 2.60 0.00	40.72 2.63 0.00	41.15 2.62 0.00	44.75 2.73 0.00	54.53 3.18 0.00	74.41 3.81 0.00	92.10 4.73 0.30	85.73 4.16 0.00	66.75 3.42 0.06	55.92 2.76 0.00	49.74 2.46 0.00	46.61 2.39 0.00
ROME____115KV_TB2 80656	47.96 1.49 0.00	44.85 1.52 0.00	41.76 1.41 0.00	41.48 1.33 0.00	42.74 1.45 0.00	50.37 1.94 0.00	75.01 3.37 0.00	100.33 5.14 0.00	82.34 3.39 0.00	50.09 1.41 0.00	43.14 1.09 0.00	40.31 0.87 0.00	38.31 0.68 0.00	38.82 0.72 0.00	39.14 0.62 0.00	42.98 0.97 0.00	52.63 1.28 0.00	72.72 2.12 0.00	90.14 3.07 0.60	84.91 3.34 0.00	65.68 2.41 0.12	55.33 2.18 0.00	48.89 1.61 0.00	45.72 1.50 0.00
ROSETON___1 23587	47.91 1.44 0.00	44.68 1.34 0.00	41.60 1.25 0.00	41.32 1.17 0.00	42.53 1.24 0.00	49.59 1.16 0.00	73.22 1.57 0.00	98.71 3.52 0.00	81.16 2.21 0.00	50.34 1.66 0.00	44.02 1.98 0.00	41.33 1.89 0.00	39.48 1.84 0.00	40.00 1.90 0.00	40.45 1.93 0.00	43.95 1.93 0.00	53.60 2.26 0.00	73.14 2.54 0.00	90.61 3.25 0.31	84.25 2.69 0.00	65.48 2.16 0.06	55.07 1.91 0.00	49.03 1.75 0.00	45.90 1.68 0.00
ROSETON___2 23588	47.91 1.44 0.00	44.68 1.34 0.00	41.60 1.25 0.00	41.32 1.17 0.00	42.53 1.24 0.00	49.59 1.16 0.00	73.22 1.57 0.00	98.71 3.52 0.00	81.16 2.21 0.00	50.34 1.66 0.00	44.02 1.98 0.00	41.33 1.89 0.00	39.48 1.84 0.00	40.00 1.90 0.00	40.45 1.93 0.00	43.95 1.93 0.00	53.60 2.26 0.00	73.14 2.54 0.00	90.61 3.25 0.31	84.25 2.69 0.00	65.48 2.16 0.06	55.07 1.91 0.00	49.03 1.75 0.00	45.90 1.68 0.00
ROTRRDAM_115KV_TB3 80664	47.31 0.84 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.87 0.72 0.00	42.04 0.74 0.00	49.40 0.97 0.00	73.00 1.36 0.00	97.57 2.38 0.00	80.29 1.34 0.00	49.26 0.58 0.00	42.47 0.42 0.00	39.83 0.39 0.00	38.01 0.38 0.00	38.55 0.46 0.00	38.99 0.46 0.00	42.52 0.50 0.00	52.22 0.87 0.00	72.08 1.48 0.00	89.60 1.93 0.00	83.03 1.47 0.00	64.78 1.39 0.00	54.27 1.12 0.00	48.08 0.80 0.00	44.88 0.66 0.00
RUSSELL___1 23602	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
RUSSELL___2 23532	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
RUSSELL___3 23549	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
RUSSELL___4 23556	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
RUSSELL___STATION 23914	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
S SALMON___HYD 24043	46.24 -0.23 0.00	43.25 -0.09 0.00	40.22 -0.12 0.00	39.99 -0.16 0.00	41.17 -0.12 0.00	48.43 0.00 0.00	71.86 0.22 0.00	95.93 0.57 -0.16	79.03 0.08 0.00	48.34 -0.34 0.00	41.63 -0.42 0.00	38.97 -0.47 0.00	37.14 -0.49 0.00	37.56 -0.53 0.00	37.91 -0.62 0.00	41.52 -0.50 0.00	50.67 -0.67 0.00	69.83 -0.78 0.00	87.15 -0.52 0.00	81.57 0.00 0.00	63.26 -0.13 0.00	53.10 -0.05 0.00	47.14 -0.14 0.00	44.09 -0.13 0.00
S.PERRY__115KV_TB1 80734	46.89 0.42 0.00	43.33 0.00 0.00	40.55 0.20 0.00	40.51 0.36 0.00	41.42 0.12 0.00	48.24 -0.19 0.00	71.21 -0.43 0.00	95.09 -0.10 0.00	78.32 -0.63 0.00	47.71 -0.97 0.00	41.08 -0.97 0.00	38.33 -1.10 0.00	36.43 -1.20 0.00	36.83 -1.26 0.00	37.06 -1.46 0.00	40.67 -1.34 0.00	47.66 -3.65 0.03	66.05 -4.52 0.03	81.50 -4.56 1.62	78.79 -2.77 0.00	59.15 -3.87 0.38	50.14 -2.98 0.03	46.38 -0.90 0.00	43.73 -0.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.84 -1.63 0.00	41.34 -1.99 0.00	38.77 -1.57 0.00	38.87 -1.28 0.00	39.48 -1.82 0.00	45.62 -2.81 0.00	65.55 -6.09 0.00	87.00 -8.19 0.00	72.47 -6.47 0.00	45.27 -3.41 0.00	39.40 -2.65 0.00	36.64 -2.80 0.00	35.00 -2.63 0.00	35.43 -2.67 0.00	35.52 -3.00 0.00	38.99 -3.03 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.34 -8.68 1.65	75.20 -6.36 0.00	55.92 -7.10 0.36	47.76 -5.37 0.02	43.26 -4.02 0.00	41.43 -2.79 0.00

SAWYER___23_KV_LOAD 55526	44.84 -1.63 0.00	41.34 -1.99 0.00	38.77 -1.57 0.00	38.87 -1.28 0.00	39.48 -1.82 0.00	45.62 -2.81 0.00	65.55 -6.09 0.00	87.00 -8.19 0.00	72.47 -6.47 0.00	45.27 -3.41 0.00	39.40 -2.65 0.00	36.64 -2.80 0.00	35.00 -2.63 0.00	35.43 -2.67 0.00	35.52 -3.00 0.00	38.99 -3.03 0.00	46.29 -5.03 0.02	63.45 -7.13 0.02	77.34 -8.68 1.65	75.20 -6.36 0.00	55.92 -7.10 0.36	47.76 -5.37 0.02	43.26 -4.02 0.00	41.43 -2.79 0.00
SELKIRK___I 23801	47.03 0.56 0.00	43.86 0.52 0.00	40.83 0.49 0.00	40.64 0.48 0.00	41.79 0.50 0.00	49.06 0.63 0.00	72.51 0.86 0.00	96.81 1.62 0.00	79.50 0.56 0.00	48.87 0.20 0.00	42.13 0.08 0.00	39.52 0.08 0.00	37.71 0.08 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.23 0.21 0.00	51.91 0.57 0.00	71.52 0.92 0.00	88.99 1.32 0.00	82.30 0.73 0.00	64.27 0.89 0.00	53.90 0.74 0.00	47.70 0.42 0.00	44.57 0.35 0.00
SELKIRK___II 23799	46.66 0.19 0.00	43.42 0.09 0.00	40.47 0.12 0.00	40.27 0.12 0.00	41.42 0.12 0.00	48.62 0.19 0.00	71.86 0.22 0.00	96.04 0.85 0.00	78.95 0.00 0.00	48.73 0.05 0.00	42.09 0.04 0.00	39.52 0.08 0.00	37.75 0.11 0.00	38.28 0.19 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.71 0.36 0.00	71.10 0.50 0.00	88.37 0.70 0.00	81.73 0.16 0.00	63.83 0.45 0.00	53.53 0.37 0.00	47.37 0.09 0.00	44.22 0.00 0.00
SENECA OSWGO___HYD 24041	45.54 -0.93 0.00	42.47 -0.87 0.00	39.54 -0.81 0.00	39.35 -0.80 0.00	40.47 -0.83 0.00	47.46 -0.97 0.00	70.28 -1.36 0.00	94.02 -1.43 -0.25	77.61 -1.34 0.00	47.71 -0.97 0.00	41.16 -0.88 0.00	38.61 -0.83 0.00	36.80 -0.83 0.00	37.25 -0.84 0.00	37.60 -0.92 0.00	41.05 -0.96 0.00	50.21 -1.13 0.00	69.05 -1.55 0.00	86.63 -1.67 -0.62	80.26 -1.31 0.00	62.30 -1.21 -0.12	52.09 -1.06 0.00	46.29 -1.00 0.00	43.29 -0.93 0.00
SENECA___115KV_TB3 355854	44.89 -1.58 0.00	41.78 -1.56 0.00	39.05 -1.29 0.00	39.11 -1.04 0.00	39.77 -1.53 0.00	46.15 -2.28 0.00	66.05 -5.59 0.00	87.86 -7.33 0.00	73.58 -5.37 0.00	45.85 -2.82 0.00	39.95 -2.10 0.00	37.11 -2.33 0.00	35.83 -1.81 0.00	36.03 -2.06 0.00	35.75 -2.77 0.00	39.45 -2.56 0.00	46.80 -4.52 0.02	64.50 -6.07 0.02	78.58 -7.45 1.64	76.83 -4.73 0.00	57.39 -5.64 0.36	48.56 -4.57 0.02	43.83 -3.45 0.00	41.92 -2.30 0.00
SENECA___ENERGY 23797	46.01 -0.46 0.00	42.86 -0.48 0.00	39.90 -0.44 0.00	39.75 -0.40 0.00	40.84 -0.45 0.00	47.85 -0.58 0.00	70.71 -0.93 0.00	94.41 -0.86 -0.08	78.24 -0.71 0.00	48.04 -0.63 0.00	41.46 -0.59 0.00	38.77 -0.67 0.00	36.99 -0.64 0.00	37.41 -0.68 0.00	37.64 -0.88 0.00	41.22 -0.80 0.00	50.21 -1.13 0.01	69.11 -1.49 0.01	85.11 -1.41 1.16	81.00 -0.57 0.00	62.01 -1.14 0.24	52.09 -1.06 0.01	46.48 -0.80 0.00	43.56 -0.66 0.00
SHOEMAKER___GT 23640	47.91 1.44 0.00	44.68 1.34 0.00	41.55 1.21 0.00	41.32 1.17 0.00	42.53 1.24 0.00	49.64 1.21 0.00	73.43 1.79 0.00	98.71 3.52 0.00	81.24 2.29 0.00	50.19 1.51 0.00	43.77 1.72 0.00	41.06 1.62 0.00	39.18 1.54 0.00	39.69 1.60 0.00	40.14 1.62 0.00	43.70 1.68 0.00	53.34 2.00 0.00	73.07 2.47 0.00	90.59 3.25 0.32	84.34 2.77 0.00	65.48 2.16 0.06	55.02 1.86 0.00	48.93 1.65 0.00	45.81 1.59 0.00
SHOEMAKR_138KV_BK 111 55601	47.96 1.49 0.00	44.68 1.34 0.00	41.55 1.21 0.00	41.32 1.16 0.00	42.49 1.20 0.00	49.64 1.21 0.00	73.36 1.72 0.00	98.81 3.62 0.00	81.24 2.29 0.00	50.24 1.56 0.00	43.85 1.81 0.00	41.13 1.70 0.00	39.29 1.66 0.00	39.77 1.68 0.00	40.22 1.70 0.00	43.78 1.76 0.00	53.45 2.11 0.00	73.21 2.61 0.00	90.68 3.33 0.32	84.50 2.94 0.00	65.73 2.41 0.06	55.07 1.91 0.00	48.98 1.70 0.00	45.81 1.59 0.00
SHOREHAM_IC_1 23715	47.49 1.02 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.27 1.12 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.26 0.14 0.52	87.02 1.62 9.79	65.39 0.63 14.19	49.30 0.63 0.02	44.23 2.19 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	45.01 2.90 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.33 0.97 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.48 1.33 0.01	48.46 1.18 0.01	46.11 1.90 0.00
SHOREHAM_IC_2 23716	48.00 1.53 0.00	45.28 1.95 0.00	41.76 1.41 0.00	41.40 1.24 0.00	42.66 1.36 0.00	48.53 0.10 0.00	71.12 0.00 0.52	86.83 1.43 9.79	65.55 0.79 14.19	49.44 0.78 0.02	44.48 2.44 0.00	41.73 2.29 0.00	40.19 2.56 0.00	40.94 2.86 0.00	41.41 2.89 0.00	45.18 3.07 -0.09	53.60 2.26 0.00	72.93 2.33 0.00	89.03 1.67 0.31	83.85 2.28 0.00	65.42 2.09 0.06	54.75 1.59 0.00	48.60 1.32 0.00	46.20 1.99 0.00
SISSONVILLE____ 23735	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.45 0.00	42.82 1.53 0.00	50.37 1.94 0.00	74.79 3.15 0.00	97.47 2.28 0.00	81.87 2.92 0.00	49.99 1.31 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.39 0.75 0.00	38.74 0.65 0.00	39.18 0.65 0.00	42.86 0.84 0.00	51.86 0.51 0.00	71.31 0.71 0.00	88.29 0.61 0.00	82.54 0.98 0.00	64.27 0.89 0.00	54.54 1.38 0.00	48.89 1.61 0.00	45.68 1.46 0.00
SITHE_IND_GS1 24169	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.83 -1.60 0.00	69.28 -2.36 0.00	91.37 -2.95 0.87	76.42 -2.53 0.00	47.07 -1.61 0.00	40.66 -1.39 0.00	38.10 -1.34 0.00	36.35 -1.28 0.00	36.80 -1.30 0.00	37.14 -1.39 0.00	40.55 -1.47 0.00	49.54 -1.80 0.00	68.13 -2.47 0.00	72.16 -2.89 12.62	79.04 -2.53 0.00	58.79 -2.09 2.51	51.35 -1.81 0.00	45.67 -1.61 0.00	42.76 -1.46 0.00
SITHE_IND_GS2 24170	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.83 -1.60 0.00	69.28 -2.36 0.00	91.37 -2.95 0.87	76.42 -2.53 0.00	47.07 -1.61 0.00	40.66 -1.39 0.00	38.10 -1.34 0.00	36.35 -1.28 0.00	36.80 -1.30 0.00	37.14 -1.39 0.00	40.55 -1.47 0.00	49.54 -1.80 0.00	68.13 -2.47 0.00	72.16 -2.89 12.62	79.04 -2.53 0.00	58.79 -2.09 2.51	51.35 -1.81 0.00	45.67 -1.61 0.00	42.76 -1.46 0.00
SITHE_IND_GS3 24171	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.83 -1.60 0.00	69.28 -2.36 0.00	91.37 -2.95 0.87	76.42 -2.53 0.00	47.07 -1.61 0.00	40.66 -1.39 0.00	38.10 -1.34 0.00	36.35 -1.28 0.00	36.80 -1.30 0.00	37.14 -1.39 0.00	40.55 -1.47 0.00	49.54 -1.80 0.00	68.13 -2.47 0.00	72.16 -2.89 12.62	79.04 -2.53 0.00	58.79 -2.09 2.51	51.35 -1.81 0.00	45.67 -1.61 0.00	42.76 -1.46 0.00
SITHE_IND_GS4 24172	44.98 -1.49 0.00	41.94 -1.39 0.00	39.05 -1.29 0.00	38.87 -1.29 0.00	39.97 -1.32 0.00	46.83 -1.60 0.00	69.28 -2.36 0.00	91.37 -2.95 0.87	76.42 -2.53 0.00	47.07 -1.61 0.00	40.66 -1.39 0.00	38.10 -1.34 0.00	36.35 -1.28 0.00	36.80 -1.30 0.00	37.14 -1.39 0.00	40.55 -1.47 0.00	49.54 -1.80 0.00	68.13 -2.47 0.00	72.16 -2.89 12.62	79.04 -2.53 0.00	58.79 -2.09 2.51	51.35 -1.81 0.00	45.67 -1.61 0.00	42.76 -1.46 0.00

SITHE___BATAVIA 24024	46.01 -0.46 0.00	42.77 -0.56 0.00	39.94 -0.40 0.00	39.91 -0.24 0.00	40.72 -0.58 0.00	47.27 -1.16 0.00	67.99 -3.65 0.00	90.62 -4.57 0.00	75.71 -3.24 0.00	46.78 -1.90 0.00	40.45 -1.60 0.00	37.74 -1.69 0.00	36.31 -1.32 0.00	36.49 -1.60 0.00	36.29 -2.24 0.00	40.04 -1.97 0.00	47.89 -3.44 0.02	66.20 -4.38 0.02	80.93 -5.09 1.66	79.04 -2.53 0.00	59.23 -3.80 0.35	49.73 -3.40 0.02	44.92 -2.36 0.00	42.94 -1.28 0.00
SITHE___INDEPEND 23800	44.98 -1.49 0.00	41.90 -1.43 0.00	39.05 -1.29 0.00	38.87 -1.28 0.00	39.97 -1.32 0.00	46.83 -1.60 0.00	69.28 -2.36 0.00	91.46 -2.86 0.87	76.42 -2.53 0.00	47.07 -1.61 0.00	40.62 -1.43 0.00	38.10 -1.34 0.00	36.32 -1.32 0.00	36.76 -1.33 0.00	37.14 -1.39 0.00	40.55 -1.47 0.00	49.50 -1.85 0.00	68.06 -2.54 0.00	72.07 -2.98 12.62	78.96 -2.61 0.00	58.66 -2.22 2.51	51.30 -1.86 0.00	45.67 -1.61 0.00	42.72 -1.50 0.00
SITHE___MASSENA 23902	47.45 0.98 0.00	44.33 1.00 0.00	41.23 0.89 0.00	41.08 0.92 0.00	42.28 0.99 0.00	49.64 1.21 0.00	73.43 1.79 0.00	95.86 0.67 0.00	80.84 1.89 0.00	49.70 1.02 0.00	42.68 0.63 0.00	40.11 0.67 0.00	38.27 0.64 0.00	38.62 0.53 0.00	39.14 0.61 0.00	42.65 0.63 0.00	51.96 0.62 0.00	71.66 1.06 0.00	88.81 1.14 0.00	82.95 1.39 0.00	64.34 0.95 0.00	54.00 0.85 0.00	48.32 1.04 0.00	45.15 0.93 0.00
SITHE___OGDNSBRG 24021	48.33 1.86 0.00	45.28 1.95 0.00	42.08 1.73 0.00	41.92 1.77 0.00	43.15 1.86 0.00	50.80 2.37 0.00	75.51 3.87 0.00	98.24 3.05 0.00	82.50 3.55 0.00	50.24 1.56 0.00	43.01 0.97 0.00	40.39 0.95 0.00	38.50 0.87 0.00	38.85 0.76 0.00	39.33 0.81 0.00	43.03 1.01 0.00	52.37 1.03 0.00	72.51 1.91 0.00	90.04 2.37 0.00	84.34 2.77 0.00	65.48 2.09 0.00	55.18 2.02 0.00	49.27 1.99 0.00	46.08 1.86 0.00
SITHE___STERLING 23777	47.58 1.11 0.00	44.46 1.12 0.00	41.39 1.05 0.00	41.16 1.00 0.00	42.37 1.07 0.00	49.88 1.45 0.00	74.22 2.58 0.00	99.28 4.09 0.00	81.63 2.69 0.00	49.75 1.07 0.00	42.89 0.84 0.00	40.11 0.67 0.00	38.16 0.53 0.00	38.66 0.57 0.00	38.99 0.46 0.00	42.73 0.71 0.00	52.32 0.97 0.00	72.23 1.63 0.00	89.32 2.37 0.72	84.18 2.61 0.00	65.08 1.84 0.14	54.75 1.59 0.00	48.46 1.18 0.00	45.33 1.11 0.00
SLEIGHT__34_KV_TB1 80719	45.63 -0.84 0.00	42.34 -1.00 0.00	39.50 -0.85 0.00	39.35 -0.80 0.00	40.38 -0.91 0.00	47.22 -1.21 0.00	69.92 -1.72 0.00	93.42 -1.81 -0.04	77.29 -1.66 0.00	47.51 -1.17 0.00	40.91 -1.14 0.00	38.33 -1.10 0.00	36.47 -1.17 0.00	36.91 -1.18 0.00	37.22 -1.31 0.00	40.63 -1.39 0.00	49.38 -1.95 0.01	67.84 -2.75 0.01	83.29 -2.89 1.49	79.93 -1.63 0.00	60.48 -2.60 0.31	51.18 -1.97 0.01	45.81 -1.47 0.00	43.03 -1.19 0.00
SMITHTWN_69_KV_BK 1 55830	48.10 1.63 0.00	45.41 2.08 0.00	41.88 1.53 0.00	41.52 1.37 0.00	42.78 1.49 0.00	48.87 0.44 0.00	71.41 0.29 0.52	87.58 2.09 9.71	65.90 1.03 14.07	49.64 0.97 0.02	44.82 2.78 0.00	41.92 2.48 0.00	40.30 2.67 0.00	41.10 3.01 0.00	41.56 3.04 0.00	45.31 3.19 -0.10	53.71 2.36 0.00	73.21 2.61 0.00	90.08 2.72 0.31	84.42 2.85 0.00	65.74 2.41 0.06	54.91 1.75 0.00	48.70 1.42 0.00	46.25 2.03 0.00
SOUTH CAIRO___GT 23612	47.63 1.16 0.00	44.42 1.08 0.00	41.31 0.97 0.00	41.12 0.96 0.00	42.37 1.07 0.00	49.83 1.40 0.00	74.15 2.51 0.00	99.19 4.00 0.00	81.00 2.05 0.00	49.12 0.44 0.00	42.13 0.08 0.00	39.40 -0.04 0.00	37.63 0.00 0.00	38.13 0.04 0.00	38.64 0.12 0.00	42.23 0.21 0.00	52.27 0.92 0.00	72.79 2.19 0.00	90.83 3.42 0.26	84.18 2.61 0.00	65.49 2.16 0.05	54.75 1.59 0.00	48.23 0.95 0.00	44.97 0.75 0.00
SOUTH HAMPTN___IC 23720	47.58 1.11 0.00	44.89 1.56 0.00	41.63 1.29 0.00	41.32 1.17 0.00	42.53 1.24 0.00	48.52 0.10 0.01	71.19 0.07 0.52	86.99 1.62 9.81	65.35 0.63 14.22	49.25 0.59 0.02	44.35 2.31 0.00	41.53 2.09 0.00	39.78 2.14 0.00	40.71 2.63 0.00	41.30 2.78 0.00	45.05 2.94 -0.09	52.99 1.64 0.00	71.94 1.34 0.00	88.59 1.23 0.31	82.46 0.90 0.00	64.15 0.82 0.06	54.42 1.27 0.01	48.36 1.09 0.01	46.16 1.94 0.00
SOUTHDOW_115KV_TB1 355954	45.45 -1.02 0.00	41.95 -1.39 0.00	39.38 -0.97 0.00	39.59 -0.56 0.00	40.22 -1.07 0.00	46.73 -1.70 0.00	68.13 -3.51 0.00	91.29 -3.90 0.00	75.40 -3.55 0.00	46.83 -1.85 0.00	40.83 -1.22 0.00	37.78 -1.66 0.00	36.01 -1.62 0.00	36.53 -1.56 0.00	36.60 -1.93 0.00	40.04 -1.97 0.00	48.24 -3.08 0.03	67.19 -3.39 0.03	82.09 -3.95 1.63	78.38 -3.18 0.00	59.41 -3.61 0.36	50.21 -2.92 0.03	44.35 -2.93 0.00	42.32 -1.90 0.00
SOUTHOLD_69_KV_BK 2 55809	48.05 1.58 0.00	45.33 1.99 0.00	41.72 1.37 0.00	41.32 1.16 0.00	42.53 1.24 0.00	48.48 0.05 0.00	70.55 -0.57 0.52	86.24 0.86 9.81	64.81 0.08 14.22	49.15 0.49 0.02	44.40 2.35 0.00	41.53 2.09 0.00	39.97 2.33 0.00	40.75 2.67 0.00	41.22 2.70 0.00	45.01 2.90 -0.09	53.45 2.11 0.00	72.44 1.84 0.00	88.76 1.40 0.31	83.44 1.88 0.00	65.04 1.71 0.06	54.32 1.17 0.00	48.13 0.85 0.00	46.03 1.81 0.00
SOUTHOLD___IC 23719	47.54 1.07 0.00	44.81 1.47 0.00	41.55 1.21 0.00	41.16 1.00 0.00	42.41 1.12 0.00	48.33 -0.10 0.01	70.69 -0.43 0.52	86.43 1.05 9.81	64.73 0.00 14.22	48.96 0.29 0.02	44.14 2.10 0.00	41.29 1.85 0.00	39.55 1.92 0.00	40.49 2.40 0.00	41.06 2.54 0.00	44.84 2.73 -0.09	52.83 1.49 0.00	71.52 0.92 0.00	88.15 0.79 0.31	82.06 0.49 0.00	63.77 0.45 0.06	54.11 0.96 0.01	47.94 0.66 0.01	45.99 1.77 0.00
SOUTH_FORK_WT_PWR 323839	47.12 0.65 0.00	44.42 1.08 0.00	41.15 0.81 0.00	40.75 0.60 0.00	41.99 0.70 0.00	47.84 -0.58 0.01	69.76 -1.36 0.52	85.19 -0.19 9.81	63.70 -1.03 14.22	48.42 -0.24 0.02	43.68 1.64 0.00	40.82 1.38 0.00	39.10 1.47 0.00	40.07 1.98 0.00	40.64 2.12 0.00	44.37 2.27 -0.09	52.22 0.87 0.00	70.53 -0.07 0.00	86.92 -0.44 0.31	80.91 -0.66 0.00	62.89 -0.44 0.06	53.36 0.21 0.01	47.32 0.05 0.01	45.50 1.28 0.00
SPIERFLS_115KV_TB 1 80737	47.45 0.98 0.00	44.42 1.08 0.00	41.35 1.01 0.00	41.20 1.04 0.00	42.37 1.07 0.00	49.69 1.26 0.00	73.79 2.15 0.00	98.62 3.43 0.00	80.76 1.82 0.00	49.12 0.44 0.00	42.17 0.13 0.00	39.44 0.00 0.00	37.63 0.00 0.00	38.21 0.11 0.00	38.68 0.15 0.00	42.27 0.25 0.00	52.01 0.67 0.00	72.22 1.62 0.00	90.13 2.45 0.00	83.20 1.63 0.00	64.91 1.52 0.00	54.32 1.17 0.00	48.08 0.80 0.00	44.79 0.57 0.00
ST LAWRENCE____ 23600	46.70 0.23 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.39 0.24 0.00	41.58 0.29 0.00	48.77 0.34 0.00	72.15 0.51 0.00	94.72 -0.47 0.00	79.50 0.56 0.00	48.97 0.29 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.75 0.11 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.14 0.13 0.00	51.39 0.05 0.00	70.74 0.14 0.00	87.67 0.00 0.00	81.73 0.16 0.00	63.45 0.06 0.00	53.26 0.11 0.00	47.57 0.29 0.00	44.49 0.27 0.00

STATE_CA_115KV_115_LB 55624	46.52 0.05 0.00	43.42 0.09 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.38 0.08 0.00	48.67 0.24 0.00	71.93 0.29 0.00	96.24 1.05 0.00	79.03 0.08 0.00	48.68 0.00 0.00	42.05 0.00 0.00	39.48 0.04 0.00	37.75 0.11 0.00	38.28 0.19 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.70 0.36 0.00	71.31 0.71 0.00	88.55 0.88 0.00	81.81 0.24 0.00	64.02 0.63 0.00	53.58 0.43 0.00	47.28 0.00 0.00	44.13 -0.09 0.00
STATE_ST_34_KV_LOAD 55959	46.33 -0.14 0.00	43.07 -0.26 0.00	40.14 -0.20 0.00	39.95 -0.20 0.00	41.09 -0.21 0.00	48.24 -0.19 0.00	71.57 -0.07 0.00	95.66 0.38 -0.09	78.95 0.00 0.00	48.39 -0.29 0.00	41.71 -0.34 0.00	39.08 -0.35 0.00	37.18 -0.45 0.00	37.67 -0.42 0.00	38.02 -0.50 0.00	41.51 -0.50 0.00	50.78 -0.56 -0.01	69.97 -0.64 -0.01	86.24 -0.35 1.08	81.65 0.08 0.00	62.80 -0.38 0.21	52.84 -0.32 -0.01	46.95 -0.33 0.00	43.91 -0.31 0.00
STATION_5_MISC_HYD 23604	45.78 -0.70 0.00	42.55 -0.78 0.00	39.66 -0.69 0.00	39.55 -0.60 0.00	40.47 -0.83 0.00	47.22 -1.21 0.00	69.28 -2.36 0.00	92.24 -2.95 0.00	76.89 -2.05 0.00	47.41 -1.27 0.00	40.95 -1.09 0.00	38.38 -1.06 0.00	36.73 -0.90 0.00	37.03 -1.07 0.00	37.10 -1.42 0.00	40.76 -1.26 0.00	49.22 -2.11 0.01	67.90 -2.68 0.01	82.85 -3.15 1.67	80.01 -1.55 0.00	60.69 -2.34 0.35	50.91 -2.23 0.01	45.72 -1.56 0.00	43.07 -1.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.87 -0.60 0.00	42.55 -0.78 0.00	39.70 -0.65 0.00	39.59 -0.56 0.00	40.59 -0.70 0.00	47.41 -1.02 0.00	70.14 -1.50 0.00	93.61 -1.62 -0.04	77.45 -1.50 0.00	47.66 -1.02 0.00	41.04 -1.01 0.00	38.45 -0.99 0.00	36.58 -1.05 0.00	37.02 -1.07 0.00	37.33 -1.19 0.00	40.80 -1.22 0.00	49.53 -1.80 0.01	68.12 -2.47 0.01	83.57 -2.63 1.48	80.10 -1.47 0.00	60.73 -2.35 0.31	51.34 -1.81 0.01	46.00 -1.28 0.00	43.20 -1.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.59 -0.88 0.00	42.21 -1.13 0.00	39.42 -0.93 0.00	39.31 -0.84 0.00	40.26 -1.03 0.00	46.93 -1.50 0.00	69.13 -2.51 0.00	92.14 -3.05 0.00	76.42 -2.53 0.00	47.12 -1.56 0.00	40.66 -1.39 0.00	38.06 -1.38 0.00	36.24 -1.39 0.00	36.64 -1.45 0.00	36.95 -1.58 0.00	40.38 -1.64 0.00	48.81 -2.52 0.01	66.92 -3.67 0.01	81.90 -4.12 1.66	79.12 -2.45 0.00	59.36 -3.68 0.35	50.38 -2.76 0.01	45.39 -1.89 0.00	42.76 -1.46 0.00
STA_56___34_KV_BUS2 355983	45.59 -0.88 0.00	42.21 -1.13 0.00	39.42 -0.93 0.00	39.31 -0.84 0.00	40.26 -1.03 0.00	46.93 -1.50 0.00	69.13 -2.51 0.00	92.14 -3.05 0.00	76.42 -2.53 0.00	47.12 -1.56 0.00	40.66 -1.39 0.00	38.06 -1.38 0.00	36.24 -1.39 0.00	36.64 -1.45 0.00	36.95 -1.58 0.00	40.38 -1.64 0.00	48.81 -2.52 0.01	66.92 -3.67 0.01	81.90 -4.12 1.66	79.12 -2.45 0.00	59.36 -3.68 0.35	50.38 -2.76 0.01	45.39 -1.89 0.00	42.76 -1.46 0.00
STA_67___115KV_BK2 355882	45.77 -0.70 0.00	42.38 -0.95 0.00	39.58 -0.77 0.00	39.51 -0.64 0.00	40.43 -0.87 0.00	47.07 -1.36 0.00	69.28 -2.36 0.00	92.24 -2.95 0.00	76.58 -2.37 0.00	47.27 -1.41 0.00	40.74 -1.30 0.00	38.18 -1.26 0.00	36.35 -1.28 0.00	36.76 -1.33 0.00	37.02 -1.50 0.00	40.51 -1.51 0.00	48.87 -2.46 0.01	66.92 -3.67 0.01	81.97 -4.03 1.67	79.28 -2.28 0.00	59.36 -3.68 0.35	50.48 -2.66 0.01	45.53 -1.75 0.00	42.89 -1.33 0.00
STA_7___115KV_9TRANS 80674	46.05 -0.42 0.00	42.60 -0.74 0.00	39.78 -0.56 0.00	39.71 -0.44 0.00	40.63 -0.66 0.00	47.32 -1.11 0.00	69.71 -1.93 0.00	92.91 -2.28 0.00	77.13 -1.82 0.00	47.56 -1.12 0.00	41.00 -1.05 0.00	38.37 -1.06 0.00	36.54 -1.09 0.00	36.95 -1.14 0.00	37.22 -1.31 0.00	40.72 -1.30 0.00	49.17 -2.16 0.01	67.41 -3.18 0.01	82.67 -3.33 1.67	79.93 -1.63 0.00	59.80 -3.23 0.35	50.86 -2.29 0.01	45.81 -1.47 0.00	43.16 -1.06 0.00
STA_82___115KV_TB1 80780	45.77 -0.70 0.00	42.38 -0.95 0.00	39.58 -0.77 0.00	39.51 -0.64 0.00	40.43 -0.87 0.00	47.12 -1.31 0.00	69.28 -2.36 0.00	92.33 -2.86 0.00	76.58 -2.37 0.00	47.27 -1.41 0.00	40.74 -1.30 0.00	38.18 -1.26 0.00	36.35 -1.28 0.00	36.76 -1.33 0.00	37.02 -1.50 0.00	40.51 -1.51 0.00	48.87 -2.46 0.01	66.92 -3.67 0.01	81.97 -4.03 1.67	79.28 -2.28 0.00	59.36 -3.68 0.35	50.48 -2.66 0.01	45.53 -1.75 0.00	42.89 -1.33 0.00
STEEL___WIND 323596	44.84 -1.63 0.00	41.78 -1.56 0.00	39.01 -1.33 0.00	39.07 -1.08 0.00	39.77 -1.53 0.00	46.11 -2.32 0.00	65.98 -5.66 0.00	87.77 -7.42 0.00	73.50 -5.45 0.00	45.81 -2.87 0.00	39.90 -2.14 0.00	37.07 -2.37 0.00	35.79 -1.84 0.00	35.96 -2.13 0.00	35.71 -2.81 0.00	39.41 -2.61 0.00	46.75 -4.57 0.02	64.43 -6.14 0.02	78.49 -7.54 1.64	76.75 -4.81 0.00	57.32 -5.70 0.36	48.51 -4.62 0.02	43.78 -3.50 0.00	41.87 -2.34 0.00
STEPHTWN_115KV_BK_2 55603	46.70 0.23 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.43 0.28 0.00	41.58 0.29 0.00	48.87 0.44 0.00	72.29 0.64 0.00	96.81 1.62 0.00	79.42 0.47 0.00	48.83 0.15 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.86 0.23 0.00	38.36 0.27 0.00	38.83 0.31 0.00	42.31 0.29 0.00	51.91 0.56 0.00	71.59 0.99 0.00	89.07 1.40 0.00	82.22 0.65 0.00	64.34 0.95 0.00	53.79 0.64 0.00	47.52 0.24 0.00	44.31 0.09 0.00
STEUBEN_REC_LFGE 323667	45.59 -0.88 0.00	42.16 -1.17 0.00	39.50 -0.85 0.00	39.51 -0.64 0.00	40.34 -0.95 0.00	46.93 -1.50 0.00	68.78 -2.87 0.00	91.67 -3.52 0.00	75.79 -3.16 0.00	46.49 -2.19 0.00	40.28 -1.77 0.00	37.43 -2.01 0.00	35.64 -1.99 0.00	36.07 -2.02 0.00	36.21 -2.31 0.00	39.75 -2.27 0.00	47.78 -3.49 0.07	66.36 -4.17 0.07	81.36 -4.73 1.58	78.06 -3.51 0.00	59.16 -3.80 0.43	50.00 -3.08 0.07	44.68 -2.60 0.00	42.14 -2.08 0.00
STILLWATER___SOLAR 323814	47.86 1.39 0.00	44.59 1.26 0.00	41.51 1.17 0.00	41.36 1.20 0.00	42.53 1.24 0.00	49.98 1.55 0.00	74.00 2.36 0.00	98.90 3.71 0.00	81.00 2.05 0.00	49.56 0.88 0.00	42.51 0.46 0.00	39.79 0.35 0.00	37.97 0.34 0.00	38.55 0.46 0.00	39.06 0.54 0.00	42.65 0.63 0.00	52.53 1.18 0.00	72.79 2.19 0.00	90.65 2.98 0.00	83.68 2.12 0.00	65.41 2.03 0.00	54.81 1.65 0.00	48.41 1.13 0.00	45.10 0.88 0.00
STONY___BROOK 24151	47.54 1.07 0.00	44.89 1.56 0.00	41.67 1.33 0.00	41.32 1.17 0.00	42.57 1.28 0.00	48.67 0.24 0.01	71.27 0.14 0.52	87.07 1.62 9.74	65.62 0.79 14.12	49.40 0.73 0.02	44.52 2.48 0.00	41.65 2.21 0.00	39.89 2.26 0.00	40.79 2.70 0.00	41.37 2.85 0.00	45.10 2.98 -0.10	52.99 1.64 0.00	72.01 1.41 0.00	88.94 1.58 0.31	82.71 1.14 0.00	64.40 1.08 0.06	54.59 1.44 0.01	48.55 1.28 0.01	46.21 1.99 0.00
STURGEON_POOL_HYD 23609	48.05 1.58 0.00	44.76 1.43 0.00	41.68 1.33 0.00	41.40 1.24 0.00	42.61 1.32 0.00	49.79 1.36 0.00	73.65 2.01 0.00	99.19 4.00 0.00	81.55 2.61 0.00	50.33 1.66 0.00	43.85 1.81 0.00	41.10 1.66 0.00	39.29 1.66 0.00	39.77 1.68 0.00	40.18 1.66 0.00	43.78 1.76 0.00	53.55 2.21 0.00	73.50 2.89 0.00	91.06 3.68 0.29	84.83 3.26 0.00	65.93 2.60 0.06	55.23 2.07 0.00	49.08 1.80 0.00	45.90 1.68 0.00

ST_LAW_115_BK7_LBMP 345037	46.75 0.28 0.00	43.68 0.35 0.00	40.63 0.28 0.00	40.47 0.32 0.00	41.62 0.33 0.00	48.82 0.39 0.00	72.29 0.64 0.00	94.81 -0.38 0.00	79.58 0.63 0.00	49.02 0.34 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.39 0.05 0.00	70.81 0.21 0.00	87.76 0.09 0.00	81.81 0.25 0.00	63.45 0.06 0.00	53.32 0.16 0.00	47.61 0.33 0.00	44.53 0.31 0.00
ST_LAW_115_BK8_LBMP 345038	46.75 0.28 0.00	43.68 0.35 0.00	40.63 0.28 0.00	40.47 0.32 0.00	41.62 0.33 0.00	48.82 0.39 0.00	72.29 0.64 0.00	94.81 -0.38 0.00	79.58 0.63 0.00	49.02 0.34 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.78 0.15 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.39 0.05 0.00	70.81 0.21 0.00	87.76 0.09 0.00	81.81 0.25 0.00	63.45 0.06 0.00	53.32 0.16 0.00	47.61 0.33 0.00	44.53 0.31 0.00
ST_LAW_230_BK5_LBMP 345035	46.70 0.23 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.39 0.24 0.00	41.58 0.29 0.00	48.77 0.34 0.00	72.15 0.51 0.00	94.72 -0.47 0.00	79.50 0.56 0.00	48.97 0.29 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.75 0.11 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.14 0.13 0.00	51.39 0.05 0.00	70.74 0.14 0.00	87.67 0.00 0.00	81.73 0.16 0.00	63.45 0.06 0.00	53.26 0.11 0.00	47.57 0.29 0.00	44.49 0.27 0.00
ST_LAW_230_BK6_LBMP 345036	46.70 0.23 0.00	43.59 0.26 0.00	40.59 0.24 0.00	40.39 0.24 0.00	41.58 0.29 0.00	48.77 0.34 0.00	72.15 0.51 0.00	94.72 -0.47 0.00	79.50 0.56 0.00	48.97 0.29 0.00	42.17 0.13 0.00	39.60 0.16 0.00	37.75 0.11 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.14 0.13 0.00	51.39 0.05 0.00	70.74 0.14 0.00	87.67 0.00 0.00	81.73 0.16 0.00	63.45 0.06 0.00	53.26 0.11 0.00	47.57 0.29 0.00	44.49 0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.10 1.63 0.00	44.81 1.47 0.00	41.68 1.33 0.00	41.44 1.28 0.00	42.61 1.32 0.00	49.74 1.31 0.00	73.50 1.86 0.00	99.09 3.90 0.00	81.47 2.53 0.00	50.43 1.75 0.00	44.11 2.06 0.00	41.37 1.93 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.45 1.93 0.00	44.03 2.02 0.00	53.71 2.36 0.00	73.50 2.89 0.00	91.04 3.68 0.32	84.83 3.26 0.00	65.99 2.66 0.06	55.23 2.07 0.00	49.17 1.89 0.00	45.99 1.77 0.00
SWANROAD_115KV_TB1 355699	44.94 -1.53 0.00	41.38 -1.95 0.00	38.81 -1.53 0.00	38.91 -1.24 0.00	39.52 -1.78 0.00	45.57 -2.86 0.00	64.26 -7.38 0.00	85.29 -9.90 0.00	71.05 -7.89 0.00	44.44 -4.24 0.00	38.64 -3.41 0.00	36.01 -3.43 0.00	34.36 -3.27 0.00	34.78 -3.31 0.00	34.87 -3.66 0.00	38.28 -3.74 0.00	45.31 -6.01 0.02	61.90 -8.68 0.02	75.50 -10.52 1.65	73.74 -7.83 0.00	54.34 -8.68 0.36	46.65 -6.48 0.02	42.50 -4.78 0.00	41.21 -3.01 0.00
SYNERGY___BIOGAS 323694	46.19 -0.28 0.00	42.60 -0.74 0.00	39.86 -0.48 0.00	39.91 -0.24 0.00	40.67 -0.62 0.00	47.12 -1.31 0.00	68.20 -3.44 0.00	90.91 -4.28 0.00	75.40 -3.55 0.00	46.59 -2.09 0.00	40.24 -1.81 0.00	37.55 -1.89 0.00	35.71 -1.92 0.00	36.15 -1.94 0.00	36.29 -2.23 0.00	39.79 -2.23 0.00	47.68 -3.65 0.02	65.50 -5.08 0.02	80.41 -5.61 1.66	78.30 -3.26 0.00	57.96 -5.07 0.35	49.52 -3.61 0.02	44.73 -2.55 0.00	42.76 -1.46 0.00
SYRACUSE___ENERGY_ST1 323597	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	46.10 -0.37 0.00	42.94 -0.39 0.00	39.98 -0.36 0.00	39.79 -0.36 0.00	40.92 -0.37 0.00	47.99 -0.44 0.00	71.21 -0.43 0.00	95.12 -0.19 -0.12	78.55 -0.39 0.00	48.29 -0.39 0.00	41.63 -0.42 0.00	39.01 -0.43 0.00	37.14 -0.49 0.00	37.63 -0.46 0.00	37.99 -0.54 0.00	41.47 -0.55 0.00	50.73 -0.62 0.00	69.75 -0.85 0.00	85.97 -0.79 0.91	81.08 -0.49 0.00	62.57 -0.63 0.18	52.62 -0.53 0.00	46.81 -0.47 0.00	43.73 -0.49 0.00
SYRACUSE___POWER 24017	45.91 -0.56 0.00	42.73 -0.61 0.00	39.82 -0.52 0.00	39.59 -0.56 0.00	40.76 -0.54 0.00	47.80 -0.63 0.00	70.85 -0.79 0.00	94.52 -0.67 0.00	78.16 -0.79 0.00	48.05 -0.63 0.00	41.50 -0.55 0.00	38.85 -0.59 0.00	37.03 -0.60 0.00	37.48 -0.61 0.00	37.87 -0.65 0.00	41.35 -0.67 0.00	50.58 -0.77 -0.01	69.69 -0.92 -0.01	85.29 -0.79 1.59	81.08 -0.49 0.00	62.38 -0.70 0.31	52.58 -0.58 -0.01	46.71 -0.57 0.00	43.69 -0.53 0.00
TALLMAN__138KV_BK151 55660	48.24 1.77 0.00	44.98 1.65 0.00	41.80 1.45 0.00	41.56 1.41 0.00	42.78 1.49 0.00	49.83 1.40 0.00	73.65 2.01 0.00	99.47 4.28 0.00	81.79 2.84 0.00	50.67 2.00 0.00	44.44 2.40 0.00	41.69 2.25 0.00	39.85 2.22 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.06 2.72 0.00	73.85 3.25 0.00	91.39 4.03 0.31	85.15 3.59 0.00	66.24 2.92 0.06	55.49 2.34 0.00	49.41 2.13 0.00	46.21 1.99 0.00
TEALLAVE_115KV_TB7 355573	45.77 -0.70 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.51 -0.64 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.64 -1.00 0.00	94.36 -0.86 -0.03	78.00 -0.95 0.00	48.00 -0.68 0.00	41.42 -0.63 0.00	38.81 -0.63 0.00	36.99 -0.64 0.00	37.44 -0.65 0.00	37.83 -0.69 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.33 -1.27 0.00	84.76 -1.32 1.59	80.59 -0.98 0.00	62.06 -1.01 0.32	52.31 -0.85 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00
TELGRAPH_34_KV_EAST 80808	45.59 -0.88 0.00	42.03 -1.30 0.00	39.38 -0.97 0.00	39.43 -0.72 0.00	40.10 -1.20 0.00	46.40 -2.03 0.00	66.48 -5.16 0.00	88.43 -6.76 0.00	73.58 -5.37 0.00	45.71 -2.97 0.00	39.61 -2.44 0.00	36.91 -2.52 0.00	35.19 -2.45 0.00	35.62 -2.48 0.00	35.75 -2.77 0.00	39.20 -2.82 0.00	46.70 -4.62 0.02	64.01 -6.57 0.02	78.30 -7.72 1.65	76.26 -5.30 0.00	56.44 -6.59 0.35	48.30 -4.84 0.02	43.78 -3.50 0.00	42.05 -2.17 0.00
TEMPLE___115KV_TB 2 55572	45.82 -0.65 0.00	42.64 -0.69 0.00	39.74 -0.61 0.00	39.55 -0.60 0.00	40.67 -0.62 0.00	47.70 -0.73 0.00	70.71 -0.93 0.00	94.33 -0.86 0.00	78.00 -0.95 0.00	48.00 -0.68 0.00	41.46 -0.59 0.00	38.85 -0.59 0.00	36.99 -0.64 0.00	37.48 -0.61 0.00	37.83 -0.69 0.00	41.30 -0.71 0.00	50.47 -0.87 0.00	69.40 -1.20 0.00	84.77 -1.23 1.68	80.67 -0.90 0.00	62.04 -1.01 0.33	52.36 -0.80 0.00	46.52 -0.76 0.00	43.51 -0.71 0.00
TIANA____69_KV_BK 1 55817	48.14 1.67 0.00	45.41 2.08 0.00	41.84 1.49 0.00	41.48 1.33 0.00	42.74 1.45 0.00	48.67 0.24 0.00	71.26 0.14 0.52	87.00 1.62 9.81	65.59 0.87 14.22	49.49 0.83 0.02	44.65 2.61 0.00	41.81 2.37 0.00	40.23 2.60 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.22 3.11 -0.09	53.71 2.36 0.00	73.00 2.40 0.00	89.38 2.02 0.31	84.09 2.53 0.00	65.55 2.22 0.06	54.80 1.65 0.00	48.60 1.32 0.00	46.25 2.03 0.00

TILDEN___115KV_TB1 80814	45.91 -0.56 0.00	42.73 -0.61 0.00	39.82 -0.52 0.00	39.59 -0.56 0.00	40.76 -0.54 0.00	47.80 -0.63 0.00	70.85 -0.79 0.00	94.52 -0.67 0.00	78.16 -0.79 0.00	48.05 -0.63 0.00	41.50 -0.55 0.00	38.85 -0.59 0.00	37.03 -0.60 0.00	37.48 -0.61 0.00	37.87 -0.65 0.00	41.35 -0.67 0.00	50.58 -0.77 -0.01	69.69 -0.92 -0.01	85.29 -0.79 1.59	81.08 -0.49 0.00	62.38 -0.70 0.31	52.58 -0.58 -0.01	46.71 -0.57 0.00	43.69 -0.53 0.00
TRIGEN___CC 323695	48.19 1.72 0.00	45.24 1.91 0.00	41.88 1.53 0.00	41.52 1.37 0.00	42.78 1.49 0.00	49.30 0.87 0.00	72.66 1.15 0.13	96.00 3.14 2.33	77.52 1.89 3.32	50.18 1.51 0.01	44.97 2.90 -0.02	41.96 2.52 0.00	40.27 2.63 0.00	40.97 2.86 -0.02	41.43 2.89 -0.02	45.89 3.07 -0.81	53.86 2.52 0.00	73.42 2.82 0.00	90.78 3.42 0.31	84.75 3.18 0.00	65.86 2.54 0.06	55.14 1.97 -0.01	49.00 1.70 -0.01	46.18 1.95 -0.02
TRINITY___115KV___4 BK 55933	46.29 -0.19 0.00	43.16 -0.17 0.00	40.22 -0.12 0.00	40.07 -0.08 0.00	41.17 -0.12 0.00	48.38 -0.05 0.00	71.43 -0.21 0.00	95.67 0.48 0.00	78.47 -0.47 0.00	48.39 -0.29 0.00	41.84 -0.21 0.00	39.28 -0.16 0.00	37.59 -0.04 0.00	38.09 0.00 0.00	38.53 0.00 0.00	41.93 -0.08 0.00	51.45 0.10 0.00	70.88 0.28 0.00	88.02 0.35 0.00	81.32 -0.24 0.00	63.70 0.32 0.00	53.26 0.11 0.00	47.04 -0.24 0.00	43.91 -0.31 0.00
UNION___PROCESSING_DRP 323587	45.82 -0.65 0.00	42.42 -0.91 0.00	39.58 -0.77 0.00	39.51 -0.64 0.00	40.43 -0.87 0.00	47.12 -1.31 0.00	69.28 -2.36 0.00	92.33 -2.86 0.00	76.58 -2.37 0.00	47.27 -1.41 0.00	40.79 -1.26 0.00	38.18 -1.26 0.00	36.35 -1.28 0.00	36.76 -1.33 0.00	37.02 -1.50 0.00	40.51 -1.51 0.00	48.87 -2.46 0.01	66.99 -3.60 0.01	82.06 -3.95 1.66	79.28 -2.28 0.00	59.36 -3.68 0.35	50.48 -2.66 0.01	45.53 -1.75 0.00	42.94 -1.28 0.00
UPPER HUDSON___HYD 24058	47.54 1.07 0.00	44.37 1.04 0.00	41.35 1.01 0.00	41.19 1.04 0.00	42.37 1.07 0.00	49.69 1.26 0.00	73.79 2.15 0.00	98.61 3.42 0.00	80.68 1.73 0.00	49.12 0.44 0.00	42.17 0.13 0.00	39.40 -0.04 0.00	37.56 -0.08 0.00	38.17 0.08 0.00	38.68 0.15 0.00	42.27 0.25 0.00	52.01 0.67 0.00	72.15 1.55 0.00	90.04 2.37 0.00	83.11 1.55 0.00	64.85 1.46 0.00	54.32 1.17 0.00	48.08 0.80 0.00	44.79 0.57 0.00
UPPER RAQUET___HYD 24056	47.96 1.49 0.00	44.94 1.60 0.00	41.76 1.41 0.00	41.60 1.44 0.00	42.82 1.53 0.00	50.37 1.94 0.00	74.79 3.15 0.00	97.47 2.28 0.00	81.87 2.92 0.00	49.99 1.31 0.00	42.89 0.84 0.00	40.27 0.83 0.00	38.38 0.75 0.00	38.74 0.65 0.00	39.26 0.73 0.00	42.86 0.84 0.00	51.86 0.51 0.00	71.31 0.71 0.00	88.29 0.62 0.00	82.62 1.06 0.00	64.27 0.89 0.00	54.54 1.38 0.00	48.89 1.61 0.00	45.68 1.46 0.00
VALLEY44_115KV_TB2 355964	44.52 -1.95 0.00	41.12 -2.21 0.00	38.65 -1.69 0.00	38.75 -1.41 0.00	39.39 -1.90 0.00	45.52 -2.91 0.00	66.34 -5.30 0.00	88.43 -6.76 0.00	73.18 -5.76 0.00	45.42 -3.26 0.00	39.65 -2.40 0.00	36.76 -2.68 0.00	35.07 -2.56 0.00	35.54 -2.55 0.00	35.64 -2.89 0.00	39.03 -2.98 0.00	47.36 -3.95 0.03	66.48 -4.09 0.03	80.78 -5.26 1.63	76.10 -5.46 0.00	59.79 -3.23 0.36	50.20 -2.92 0.03	43.45 -3.83 0.00	41.43 -2.79 0.00
VALLEY___115KV_TB 1-4 80826	47.54 1.07 0.00	44.37 1.04 0.00	41.35 1.01 0.00	41.12 0.96 0.00	42.28 0.99 0.00	49.64 1.21 0.00	73.50 1.86 0.00	98.05 2.86 0.00	80.84 1.89 0.00	49.80 1.12 0.00	43.14 1.09 0.00	40.42 0.99 0.00	38.54 0.90 0.00	39.01 0.91 0.00	39.37 0.85 0.00	43.03 1.01 0.00	52.63 1.28 0.00	72.37 1.77 0.00	89.86 2.19 0.00	83.52 1.96 0.00	64.85 1.46 0.00	54.43 1.28 0.00	48.32 1.04 0.00	45.24 1.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.05 1.58 0.00	44.85 1.52 0.00	41.72 1.37 0.00	41.48 1.33 0.00	42.70 1.40 0.00	50.12 1.70 0.00	74.36 2.72 0.00	99.85 4.66 0.00	82.03 3.08 0.00	50.19 1.51 0.00	43.52 1.47 0.00	40.66 1.22 0.00	38.72 1.09 0.00	39.20 1.10 0.00	39.53 1.00 0.00	43.28 1.26 0.00	53.04 1.69 0.00	73.14 2.54 0.00	90.30 3.42 0.80	84.75 3.18 0.00	65.76 2.54 0.16	55.23 2.07 0.00	48.89 1.61 0.00	45.77 1.55 0.00
VISCHER___FERRY HYD 24020	47.45 0.98 0.00	44.11 0.78 0.00	41.07 0.73 0.00	40.91 0.76 0.00	42.04 0.74 0.00	49.54 1.11 0.00	73.15 1.51 0.00	97.76 2.57 0.00	79.97 1.02 0.00	49.36 0.68 0.00	42.34 0.30 0.00	39.72 0.28 0.00	37.93 0.30 0.00	38.51 0.42 0.00	38.99 0.46 0.00	42.48 0.46 0.00	52.42 1.08 0.00	72.37 1.77 0.00	90.04 2.37 0.00	82.95 1.39 0.00	64.97 1.59 0.00	54.43 1.27 0.00	47.99 0.71 0.00	44.71 0.49 0.00
V_A_10_SYNC_DSASP 323832	44.98 -1.49 0.00	41.47 -1.86 0.00	38.85 -1.49 0.00	38.87 -1.28 0.00	39.60 -1.69 0.00	45.81 -2.62 0.00	66.05 -5.59 0.00	87.57 -7.62 0.00	72.95 -6.00 0.00	45.51 -3.16 0.00	39.52 -2.52 0.00	36.91 -2.52 0.00	35.22 -2.41 0.00	35.62 -2.48 0.00	35.75 -2.77 0.00	39.24 -2.77 0.00	46.50 -4.83 0.02	63.17 -7.41 0.02	77.15 -8.85 1.67	75.61 -5.95 0.00	55.54 -7.48 0.36	47.56 -5.58 0.02	43.59 -3.69 0.00	41.65 -2.56 0.00
V_CMM_10_SYNC_DSASP 323787	46.98 0.51 0.00	43.85 0.52 0.00	40.83 0.48 0.00	40.67 0.52 0.00	41.83 0.54 0.00	49.11 0.68 0.00	72.65 1.00 0.00	95.09 -0.10 0.00	79.97 1.03 0.00	49.26 0.58 0.00	42.34 0.29 0.00	39.79 0.35 0.00	37.93 0.30 0.00	38.32 0.23 0.00	38.80 0.27 0.00	42.31 0.29 0.00	51.60 0.26 0.00	71.09 0.49 0.00	88.11 0.44 0.00	82.14 0.57 0.00	63.77 0.38 0.00	53.53 0.37 0.00	47.85 0.57 0.00	44.71 0.49 0.00
V_CMP_10_SYNC_DSASP 323788	47.31 0.84 0.00	44.24 0.91 0.00	41.11 0.76 0.00	41.00 0.84 0.00	42.16 0.87 0.00	49.11 0.68 0.00	71.86 0.22 0.00	94.14 -1.05 0.00	79.11 0.16 0.00	49.22 0.54 0.00	42.30 0.25 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.14 -0.20 0.00	70.32 -0.28 0.00	87.15 -0.52 0.00	81.24 -0.32 0.00	62.95 -0.44 0.00	53.10 -0.05 0.00	48.03 0.75 0.00	44.92 0.71 0.00
V_D_10_SYNC_DSASP 323841	47.45 0.98 0.00	44.33 1.00 0.00	41.23 0.89 0.00	41.08 0.92 0.00	42.28 0.99 0.00	49.59 1.16 0.00	73.43 1.79 0.00	95.86 0.67 0.00	80.77 1.82 0.00	49.65 0.97 0.00	42.68 0.63 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.59 0.49 0.00	39.14 0.61 0.00	42.65 0.63 0.00	51.91 0.57 0.00	71.66 1.06 0.00	88.81 1.14 0.00	82.95 1.39 0.00	64.34 0.95 0.00	54.00 0.85 0.00	48.27 0.99 0.00	45.15 0.93 0.00
V_E_10_SYNC_DSASP 323830	49.21 2.74 0.00	46.06 2.73 0.00	42.81 2.46 0.00	42.52 2.37 0.00	43.81 2.52 0.00	51.72 3.29 0.00	77.38 5.73 0.00	104.24 9.05 0.00	85.03 6.08 0.00	51.06 2.38 0.00	43.89 1.85 0.00	40.82 1.38 0.00	38.68 1.05 0.00	39.16 1.07 0.00	39.37 0.85 0.00	43.57 1.56 0.00	53.79 2.41 -0.03	74.65 4.02 -0.03	92.31 5.87 1.24	88.17 6.60 0.00	67.56 4.37 0.20	56.75 3.56 -0.03	49.97 2.69 0.00	46.92 2.70 0.00



V_F_30_NSYNC___DSASP 323816	47.91 1.44 0.00	44.63 1.30 0.00	41.55 1.21 0.00	41.40 1.25 0.00	42.57 1.28 0.00	50.03 1.60 0.00	74.08 2.44 0.00	99.00 3.81 0.00	81.16 2.21 0.00	49.65 0.97 0.00	42.59 0.55 0.00	39.87 0.43 0.00	38.09 0.45 0.00	38.66 0.57 0.00	39.14 0.61 0.00	42.73 0.71 0.00	52.63 1.28 0.00	72.86 2.26 0.00	90.74 3.07 0.00	83.85 2.28 0.00	65.41 2.03 0.00	54.86 1.70 0.00	48.46 1.18 0.00	45.19 0.97 0.00
V_F_30_SYNC_DSASP 323786	46.52 0.05 0.00	43.42 0.09 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.38 0.08 0.00	48.62 0.19 0.00	71.93 0.29 0.00	96.24 1.05 0.00	79.03 0.08 0.00	48.68 0.00 0.00	42.05 0.00 0.00	39.48 0.04 0.00	37.75 0.11 0.00	38.24 0.15 0.00	38.72 0.19 0.00	42.14 0.13 0.00	51.70 0.36 0.00	71.24 0.64 0.00	88.55 0.88 0.00	81.81 0.24 0.00	64.02 0.63 0.00	53.58 0.43 0.00	47.28 0.00 0.00	44.13 -0.09 0.00
V_XM_10_SYNC_DSASP 323789	47.31 0.84 0.00	44.24 0.91 0.00	41.11 0.76 0.00	41.00 0.84 0.00	42.16 0.87 0.00	49.11 0.68 0.00	71.86 0.22 0.00	94.14 -1.05 0.00	79.11 0.16 0.00	49.22 0.54 0.00	42.30 0.25 0.00	39.68 0.24 0.00	37.82 0.19 0.00	38.17 0.08 0.00	38.72 0.19 0.00	42.19 0.17 0.00	51.14 -0.20 0.00	70.32 -0.28 0.00	87.15 -0.52 0.00	81.24 -0.32 0.00	62.95 -0.44 0.00	53.10 -0.05 0.00	48.03 0.75 0.00	44.92 0.71 0.00
W.BABYLN_69_KV_BK1 56697	48.61 2.14 0.00	45.80 2.47 0.00	42.28 1.94 0.00	41.92 1.77 0.00	43.19 1.90 0.00	49.54 1.11 0.00	71.99 0.79 0.44	89.63 2.76 8.32	68.39 1.42 11.98	50.13 1.46 0.01	45.20 3.15 0.00	42.20 2.76 0.00	40.53 2.90 0.00	41.33 3.24 0.00	41.80 3.27 0.00	45.52 3.24 -0.26	54.17 2.82 0.00	73.92 3.32 0.00	91.31 3.95 0.31	85.40 3.83 0.00	66.37 3.04 0.06	55.50 2.34 0.00	49.31 2.03 0.00	46.65 2.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.42 1.95 0.00	45.15 1.82 0.00	41.96 1.61 0.00	41.72 1.57 0.00	42.90 1.61 0.00	50.03 1.60 0.00	74.01 2.36 0.00	99.85 4.66 0.00	82.18 3.24 0.00	50.87 2.19 0.00	44.57 2.52 0.00	41.81 2.37 0.00	39.97 2.33 0.00	40.45 2.36 0.00	40.88 2.35 0.00	44.50 2.48 0.00	54.27 2.93 0.00	74.20 3.60 0.00	91.83 4.47 0.31	85.56 4.00 0.00	66.56 3.23 0.06	55.71 2.55 0.00	49.60 2.32 0.00	46.39 2.17 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.66 2.18 0.00	45.33 1.99 0.00	42.16 1.82 0.00	41.88 1.73 0.00	43.07 1.78 0.00	50.22 1.79 0.00	74.15 2.51 0.00	100.33 5.14 0.00	82.58 3.63 0.00	51.31 2.63 0.00	45.07 3.03 0.00	42.32 2.88 0.00	40.49 2.86 0.00	40.99 2.89 0.00	41.41 2.89 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.62 4.02 0.00	92.36 5.00 0.30	85.97 4.40 0.00	66.88 3.55 0.06	56.08 2.92 0.00	49.93 2.65 0.00	46.78 2.56 0.00
W50THST__13_KV_LOAD 356117	48.84 2.37 0.00	45.50 2.17 0.00	42.32 1.98 0.00	42.00 1.85 0.00	43.23 1.94 0.00	50.42 1.99 0.00	74.44 2.79 0.00	100.71 5.52 0.00	82.97 4.03 0.00	51.60 2.92 0.00	45.33 3.28 0.00	42.52 3.08 0.00	40.68 3.05 0.00	41.18 3.09 0.00	41.61 3.08 0.00	45.21 3.19 0.00	55.09 3.75 0.00	74.98 4.38 0.00	92.72 5.35 0.30	86.30 4.73 0.00	67.13 3.80 0.06	56.29 3.14 0.00	50.12 2.84 0.00	46.96 2.74 0.00
WADING RIVER_IC_1 23522	47.45 0.98 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.19 0.07 0.52	86.89 1.52 9.82	65.35 0.63 14.23	49.29 0.63 0.02	44.27 2.23 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.42 1.06 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.42 1.27 0.01	48.41 1.13 0.01	46.07 1.86 0.00
WADING RIVER_IC_2 23547	47.45 0.98 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.19 0.07 0.52	86.89 1.52 9.82	65.35 0.63 14.23	49.29 0.63 0.02	44.27 2.23 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.42 1.06 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.42 1.27 0.01	48.41 1.13 0.01	46.07 1.86 0.00
WADING RIVER_IC_3 23601	47.45 0.98 0.00	44.81 1.47 0.00	41.60 1.25 0.00	41.24 1.08 0.00	42.49 1.20 0.00	48.42 0.00 0.01	71.19 0.07 0.52	86.89 1.52 9.82	65.35 0.63 14.23	49.29 0.63 0.02	44.27 2.23 0.00	41.49 2.05 0.00	39.78 2.14 0.00	40.68 2.59 0.00	41.26 2.74 0.00	44.96 2.86 -0.09	52.88 1.54 0.00	71.94 1.34 0.00	88.42 1.06 0.31	82.38 0.82 0.00	64.09 0.76 0.06	54.42 1.27 0.01	48.41 1.13 0.01	46.07 1.86 0.00
WALDENNY_12_KV_BK2 80841	45.22 -1.25 0.00	41.64 -1.69 0.00	39.05 -1.29 0.00	39.19 -0.96 0.00	39.77 -1.53 0.00	46.06 -2.37 0.00	66.13 -5.52 0.00	88.05 -7.14 0.00	73.18 -5.76 0.00	45.66 -3.02 0.00	39.73 -2.31 0.00	36.88 -2.56 0.00	35.19 -2.45 0.00	35.65 -2.44 0.00	35.75 -2.77 0.00	39.24 -2.77 0.00	46.85 -4.47 0.02	64.58 -6.00 0.02	78.75 -7.28 1.64	75.94 -5.63 0.00	57.01 -6.02 0.36	48.61 -4.52 0.02	43.59 -3.69 0.00	41.79 -2.43 0.00
WALDEN__HYDRO 24148	48.24 1.77 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.78 1.49 0.00	49.93 1.50 0.00	73.86 2.22 0.00	99.47 4.28 0.00	81.87 2.92 0.00	50.53 1.85 0.00	44.15 2.10 0.00	41.37 1.93 0.00	39.55 1.92 0.00	40.03 1.94 0.00	40.49 1.96 0.00	44.08 2.06 0.00	53.81 2.46 0.00	73.78 3.18 0.00	91.48 4.12 0.31	85.15 3.59 0.00	66.18 2.85 0.06	55.44 2.29 0.00	49.31 2.03 0.00	46.12 1.90 0.00
WARRENSBURG____ 23737	47.45 0.98 0.00	44.42 1.08 0.00	41.35 1.01 0.00	41.20 1.04 0.00	42.37 1.07 0.00	49.69 1.26 0.00	73.79 2.15 0.00	98.62 3.43 0.00	80.76 1.82 0.00	49.12 0.44 0.00	42.17 0.13 0.00	39.44 0.00 0.00	37.63 0.00 0.00	38.21 0.11 0.00	38.68 0.15 0.00	42.27 0.25 0.00	52.01 0.67 0.00	72.22 1.62 0.00	90.13 2.45 0.00	83.20 1.63 0.00	64.91 1.52 0.00	54.32 1.17 0.00	48.08 0.80 0.00	44.79 0.57 0.00
WATERSIDE____6 8 9 23538	48.56 2.09 0.00	45.15 1.82 0.00	42.07 1.73 0.00	41.79 1.65 0.00	42.94 1.65 0.00	49.83 1.40 0.00	73.50 1.86 0.01	99.47 4.28 0.01	81.79 2.84 0.00	50.92 2.24 0.00	44.91 2.86 0.00	42.24 2.80 0.00	40.46 2.82 0.00	40.95 2.86 0.00	41.38 2.85 0.00	44.83 2.82 0.00	54.53 3.18 0.00	74.05 3.46 0.01	91.57 4.21 0.31	85.23 3.67 0.01	66.36 3.04 0.07	55.60 2.45 0.01	49.88 2.60 0.00	46.96 2.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.21 0.74 0.00	44.07 0.74 0.00	41.03 0.69 0.00	40.83 0.68 0.00	42.00 0.70 0.00	49.25 0.82 0.00	72.93 1.29 0.00	97.28 2.09 0.00	80.21 1.26 0.00	49.41 0.73 0.00	42.80 0.76 0.00	40.11 0.67 0.00	38.23 0.60 0.00	38.70 0.61 0.00	39.10 0.58 0.00	42.73 0.71 0.00	52.27 0.92 0.00	71.87 1.27 0.00	89.25 1.58 0.00	82.95 1.39 0.00	64.46 1.08 0.00	54.06 0.90 0.00	47.99 0.71 0.00	44.93 0.71 0.00

WDELAWARE___HYD 323627	48.51 2.04 0.00	45.24 1.90 0.00	42.08 1.73 0.00	41.80 1.65 0.00	43.07 1.77 0.00	50.32 1.89 0.00	74.65 3.01 0.00	100.42 5.23 0.00	82.58 3.63 0.00	50.72 2.04 0.00	44.15 2.10 0.00	41.33 1.89 0.00	39.40 1.77 0.00	39.92 1.83 0.00	40.37 1.85 0.00	43.99 1.98 0.00	53.91 2.57 0.00	74.06 3.46 0.00	92.00 4.64 0.32	85.80 4.24 0.00	66.43 3.11 0.06	55.76 2.60 0.00	49.55 2.27 0.00	46.34 2.12 0.00
WEST BABYLON___IC 23714	48.61 2.14 0.00	45.80 2.47 0.00	42.28 1.94 0.00	41.92 1.77 0.00	43.19 1.90 0.00	49.54 1.11 0.00	71.99 0.79 0.44	89.63 2.76 8.32	68.39 1.42 11.98	50.13 1.46 0.01	45.20 3.15 0.00	42.20 2.76 0.00	40.53 2.90 0.00	41.33 3.24 0.00	41.80 3.27 0.00	45.52 3.24 -0.26	54.17 2.82 0.00	73.92 3.32 0.00	91.31 3.95 0.31	85.40 3.83 0.00	66.37 3.04 0.06	55.50 2.34 0.00	49.31 2.03 0.00	46.65 2.43 0.00
WEST CANADA___HYD 24049	46.52 0.05 0.00	43.38 0.04 0.00	40.38 0.04 0.00	40.19 0.04 0.00	41.33 0.04 0.00	48.53 0.10 0.00	71.79 0.14 0.00	95.67 0.48 0.00	79.03 0.08 0.00	48.73 0.05 0.00	42.09 0.04 0.00	39.48 0.04 0.00	37.67 0.04 0.00	38.13 0.04 0.00	38.56 0.04 0.00	42.06 0.04 0.00	51.45 0.10 0.00	70.74 0.14 0.00	87.94 0.26 0.00	81.73 0.16 0.00	63.58 0.19 0.00	53.32 0.16 0.00	47.33 0.05 0.00	44.26 0.04 0.00
WESTERN_NY_WIND 24143	46.15 -0.33 0.00	42.55 -0.78 0.00	39.82 -0.52 0.00	39.87 -0.28 0.00	40.59 -0.70 0.00	47.03 -1.40 0.00	67.99 -3.65 0.00	90.62 -4.57 0.00	75.16 -3.79 0.00	46.49 -2.19 0.00	40.15 -1.89 0.00	37.47 -1.97 0.00	35.64 -1.99 0.00	36.07 -2.02 0.00	36.21 -2.31 0.00	39.71 -2.31 0.00	47.52 -3.80 0.02	65.36 -5.22 0.02	80.14 -5.87 1.66	78.06 -3.51 0.00	57.77 -5.26 0.35	49.36 -3.77 0.02	44.63 -2.65 0.00	42.67 -1.55 0.00
WESTOVER___LESR 323668	46.56 0.09 0.00	43.33 0.00 0.00	40.42 0.08 0.00	40.27 0.12 0.00	41.33 0.04 0.00	48.28 -0.15 0.00	71.36 -0.29 0.00	95.29 0.10 0.00	78.63 -0.32 0.00	48.44 -0.24 0.00	41.96 -0.08 0.00	39.24 -0.20 0.00	37.41 -0.23 0.00	37.86 -0.23 0.00	38.22 -0.31 0.00	41.77 -0.25 0.00	50.87 -0.46 0.01	70.17 -0.42 0.01	85.91 -0.35 1.41	81.48 -0.08 0.00	62.84 -0.25 0.29	52.88 -0.27 0.01	46.95 -0.33 0.00	44.09 -0.13 0.00
WETHRSFD_WT_PWR 323626	44.71 -1.77 0.00	41.69 -1.65 0.00	38.93 -1.41 0.00	38.99 -1.17 0.00	39.68 -1.61 0.00	46.06 -2.37 0.00	66.34 -5.30 0.00	88.15 -7.04 0.00	73.50 -5.45 0.00	45.42 -3.26 0.00	39.57 -2.48 0.00	36.80 -2.64 0.00	35.45 -2.18 0.00	35.65 -2.44 0.00	35.44 -3.08 0.00	39.12 -2.90 0.00	46.64 -4.67 0.03	64.42 -6.14 0.03	78.69 -7.36 1.61	76.75 -4.81 0.00	57.50 -5.52 0.37	48.55 -4.57 0.03	43.78 -3.50 0.00	41.83 -2.39 0.00
WHAVSTOR_138KV_BK127 55557	48.19 1.72 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.63 1.95 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.82 2.18 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.78 3.18 0.00	91.31 3.95 0.31	85.07 3.51 0.00	66.18 2.85 0.06	55.44 2.29 0.00	49.36 2.08 0.00	46.21 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.19 1.72 0.00	44.94 1.60 0.00	41.80 1.45 0.00	41.52 1.37 0.00	42.74 1.45 0.00	49.83 1.40 0.00	73.58 1.93 0.00	99.38 4.19 0.00	81.71 2.76 0.00	50.63 1.95 0.00	44.40 2.35 0.00	41.65 2.21 0.00	39.82 2.18 0.00	40.34 2.25 0.00	40.76 2.23 0.00	44.33 2.31 0.00	54.01 2.67 0.00	73.78 3.18 0.00	91.31 3.95 0.31	85.07 3.51 0.00	66.18 2.85 0.06	55.44 2.29 0.00	49.36 2.08 0.00	46.21 1.99 0.00
WHITEHAL_115KV_TB1 80871	48.33 1.86 0.00	45.24 1.91 0.00	42.08 1.73 0.00	41.92 1.77 0.00	43.15 1.86 0.00	51.53 3.10 0.00	76.80 5.16 0.00	102.71 7.52 0.00	83.61 4.66 0.00	50.33 1.66 0.00	43.01 0.97 0.00	40.15 0.71 0.00	38.23 0.60 0.00	38.85 0.76 0.00	39.37 0.85 0.00	43.15 1.13 0.00	53.29 1.95 0.00	73.57 2.97 0.00	91.88 4.21 0.00	84.83 3.26 0.00	66.18 2.79 0.00	55.33 2.18 0.00	48.89 1.61 0.00	45.50 1.28 0.00
WHITEPLN_13_KV_LOAD 356215	48.70 2.23 0.00	45.41 2.08 0.00	42.24 1.90 0.00	41.92 1.77 0.00	43.15 1.86 0.00	50.27 1.84 0.00	74.51 2.87 0.00	100.62 5.43 0.00	82.82 3.87 0.00	51.21 2.53 0.00	44.95 2.90 0.00	42.16 2.72 0.00	40.30 2.67 0.00	40.80 2.70 0.00	41.18 2.66 0.00	44.79 2.77 0.00	54.63 3.29 0.00	74.84 4.24 0.00	92.63 5.26 0.31	86.13 4.57 0.00	67.07 3.74 0.06	56.13 2.98 0.00	49.88 2.60 0.00	46.70 2.48 0.00
WM_FLOYD_69_KV_BK2 356380	48.05 1.58 0.00	45.33 1.99 0.00	41.80 1.45 0.00	41.44 1.28 0.00	42.70 1.40 0.00	48.67 0.24 0.00	71.26 0.14 0.52	87.12 1.71 9.78	65.64 0.87 14.18	49.49 0.83 0.02	44.65 2.61 0.00	41.77 2.33 0.00	40.23 2.60 0.00	40.98 2.89 0.00	41.45 2.93 0.00	45.18 3.07 -0.09	53.65 2.31 0.00	73.00 2.40 0.00	89.46 2.10 0.31	84.09 2.53 0.00	65.55 2.22 0.06	54.80 1.65 0.00	48.65 1.37 0.00	46.25 2.03 0.00
WOODARD___115KV_TB2 355635	45.77 -0.70 0.00	42.64 -0.69 0.00	39.70 -0.65 0.00	39.51 -0.64 0.00	40.63 -0.66 0.00	47.65 -0.77 0.00	70.64 -1.00 0.00	94.31 -0.95 -0.07	77.92 -1.03 0.00	47.95 -0.73 0.00	41.37 -0.67 0.00	38.77 -0.67 0.00	36.96 -0.68 0.00	37.41 -0.69 0.00	37.79 -0.73 0.00	41.26 -0.76 0.00	50.42 -0.92 0.00	69.33 -1.27 0.00	85.08 -1.40 1.19	80.51 -1.06 0.00	62.07 -1.08 0.24	52.25 -0.90 0.00	46.48 -0.80 0.00	43.47 -0.75 0.00
WOODMERE_69_KV_BK1 55827	48.79 2.32 0.00	45.85 2.51 0.00	42.36 2.02 0.00	42.00 1.85 0.00	43.28 1.98 0.00	49.83 1.40 0.00	73.45 1.86 0.06	98.32 4.09 0.96	80.22 2.68 1.41	50.67 2.00 0.01	45.55 3.45 -0.05	42.44 3.00 0.00	40.72 3.09 0.00	41.50 3.35 -0.05	41.93 3.35 -0.05	47.20 3.61 -1.56	54.53 3.18 0.00	74.34 3.74 0.00	91.92 4.56 0.31	85.89 4.32 0.00	66.69 3.36 0.06	55.85 2.66 -0.04	49.59 2.27 -0.04	46.75 2.48 -0.05
YORK___WARBASSE 23770	48.90 2.42 -0.01	45.47 2.12 -0.01	42.37 2.02 -0.01	42.05 1.89 -0.01	43.20 1.90 -0.01	50.13 1.70 -0.01	73.95 2.29 -0.01	99.96 4.76 -0.01	82.26 3.32 0.00	51.02 2.34 0.00	45.03 2.99 0.00	42.32 2.88 0.00	40.57 2.94 0.00	41.02 2.93 0.00	41.49 2.97 0.00	45.00 2.98 0.00	54.78 3.44 0.00	74.43 3.81 -0.01	92.11 4.73 0.29	85.74 4.16 -0.01	66.76 3.42 0.05	55.93 2.76 -0.01	50.17 2.88 -0.01	47.23 3.01 0.00