

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		08/14/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	57.98	53.26	48.93	45.12	44.83	48.44	54.79	56.23	57.20	59.98	59.52	65.30	72.44	78.29	80.47	83.81	93.66	103.28	97.00	82.92	76.46	67.32	60.69	53.12			
		2.44	2.39	2.24	2.07	2.05	2.35	2.56	2.68	3.14	3.18	3.47	3.75	4.55	6.27	7.59	8.31	9.73	10.37	8.25	6.39	4.57	3.29	2.84	2.63			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	0.00	-1.50	-0.35	-0.06	0.43	0.66	0.51	0.00	0.00			
74TH STREET_GT_1 24260	EDT	57.98	53.32	48.97	45.16	44.83	48.44	54.74	56.18	57.10	59.86	59.40	65.30	72.30	78.15	80.25	83.58	93.33	103.10	96.91	83.35	77.20	67.90	60.69	53.17			
		2.44	2.44	2.29	2.11	2.05	2.35	2.51	2.62	3.03	3.07	3.36	3.75	4.41	6.12	7.38	8.08	9.40	10.18	8.16	6.39	4.64	3.36	2.84	2.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	0.00	-1.50	-0.35	-0.06	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	57.98	53.32	48.97	45.16	44.83	48.44	54.74	56.18	57.10	59.86	59.40	65.30	72.30	78.15	80.25	83.58	93.33	103.10	96.91	83.35	77.20	67.90	60.69	53.17			
		2.44	2.44	2.29	2.11	2.05	2.35	2.51	2.62	3.03	3.07	3.36	3.75	4.41	6.12	7.38	8.08	9.40	10.18	8.16	6.39	4.64	3.36	2.84	2.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	0.00	-1.50	-0.35	-0.06	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	58.09	53.06	48.69	44.86	44.62	48.26	54.79	56.18	56.72	59.35	57.84	63.45	70.06	75.27	78.58	79.67	93.67	99.93	96.07	85.40	77.78	68.35	60.69	52.82			
		2.55	2.19	2.01	1.81	1.84	2.17	2.56	2.62	2.65	2.56	1.79	1.91	2.17	3.24	3.90	4.15	5.03	5.92	6.83	6.00	5.22	3.81	2.84	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.37	-0.01	-6.20	-1.43	-0.55	-2.43	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	58.37	53.27	48.83	45.04	44.75	48.44	55.05	56.39	56.93	59.52	58.00	63.58	70.20	75.48	78.73	79.89	93.84	100.27	96.68	85.81	78.28	68.73	61.04	53.07			
		2.83	2.39	2.15	1.98	1.97	2.35	2.82	2.84	2.86	2.73	1.96	2.03	2.31	3.46	4.12	4.38	5.36	6.30	7.45	6.54	5.73	4.19	3.18	2.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-0.01	-6.05	-1.40	-0.53	-2.31	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	58.09	53.06	48.69	44.86	44.62	48.26	54.79	56.18	56.72	59.35	57.84	63.45	70.06	75.27	78.58	79.67	93.67	99.93	96.07	85.40	77.78	68.35	60.69	52.82			
		2.55	2.19	2.01	1.81	1.84	2.17	2.56	2.62	2.65	2.56	1.79	1.91	2.17	3.24	3.90	4.15	5.03	5.92	6.83	6.00	5.22	3.81	2.84	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.37	-0.01	-6.20	-1.43	-0.55	-2.43	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	57.20	52.40	48.13	44.47	44.23	47.70	54.01	55.54	56.23	58.90	58.00	63.83	70.74	75.84	80.73	80.65	97.56	101.27	95.46	86.61	76.18	67.05	59.88	51.86			
		1.66	1.52	1.45	1.42	1.46	1.61	1.78	1.98	2.16	2.10	1.96	2.28	2.85	3.81	4.92	5.14	5.94	6.57	5.94	5.00	3.63	2.51	2.02	1.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.51	-0.01	-9.19	-2.12	-0.82	-4.64	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	55.09	50.47	46.45	42.88	42.61	45.95	51.97	53.24	53.85	56.40	55.48	60.93	67.48	72.39	67.89	76.62	69.49	90.86	89.04	75.13	72.77	64.15	57.28	49.89			
		-0.44	-0.41	-0.23	-0.17	-0.17	-0.14	-0.26	-0.32	-0.22	-0.40	-0.56	-0.62	-0.41	0.36	1.16	1.13	1.65	1.67	1.33	1.00	0.22	-0.39	-0.58	-0.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57	0.02	14.60	3.37	0.99	2.84	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	56.37	51.74	47.57	43.83	43.55	46.92	53.22	54.41	54.72	57.48	56.71	62.10	68.16	71.23	70.71	73.47	80.05	89.61	86.74	75.20	71.90	64.67	58.38	51.05			
		0.83	0.86	0.89	0.77	0.77	0.83	0.99	0.86	0.65	0.68	0.67	0.55	0.27	-0.79	-1.59	-2.04	-2.39	-2.96	-1.95	-1.77	-0.65	0.13	0.52	0.56			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	55.43	50.72	46.68	43.10	42.82	46.18	52.23	53.34	53.80	56.23	55.14	60.50	66.87	71.67	67.45	75.79	69.37	90.62	89.04	76.20	72.99	64.41	57.51	50.15			
		-0.11	-0.15	0.00	0.04	0.04	0.09	0.00	-0.21	-0.27	-0.57	-0.90	-1.05	-1.02	-0.36	0.51	0.30	0.99	1.30	1.33	1.16	0.44	-0.13	-0.35	-0.35			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.37	0.02	14.06	3.25	0.98	1.93	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	55.43	50.72	46.68	43.10	42.82	46.14	52.18	53.29	53.80	56.23	55.14	60.50	66.87	71.67	67.38	75.79	69.39	90.53	89.05	76.20	72.99	64.41	57.51	50.09			
		-0.11	-0.15	0.00	0.04	0.04	0.05	-0.05	-0.27	-0.27	-0.57	-0.90	-1.05	-1.02	-0.36	0.44	0.30	0.99	1.20	1.33	1.16	0.44	-0.13	-0.35	-0.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36	0.02	14.04	3.24	0.98	1.92	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	55.09	50.47	46.45	42.88	42.61	45.95	51.97	53.24	53.85	56.40	55.48	60.93	67.48	72.39	67.89	76.62	69.49	90.86	89.04	75.13	72.77	64.15	57.28	49.89			
		-0.44	-0.41	-0.23	-0.17	-0.17	-0.14	-0.26	-0.32	-0.22	-0.40	-0.56	-0.62	-0.41	0.36	1.16	1.13	1.65	1.67	1.33	1.00	0.22	-0.39	-0.58	-0.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57	0.02	14.60	3.37	0.99	2.84	0.00	0.00	0.00	0.00			

ALBANY___2 23572	55.09 -0.44 0.00	50.47 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.40 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.41 0.00	72.39 0.36 0.00	67.89 1.16 5.57	76.62 1.13 0.02	69.49 1.65 14.60	90.86 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.39 0.00	57.28 -0.58 0.00	49.89 -0.61 0.00
ALBANY___3 23573	55.09 -0.44 0.00	50.47 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.40 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.41 0.00	72.39 0.36 0.00	67.89 1.16 5.57	76.62 1.13 0.02	69.49 1.65 14.60	90.86 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.39 0.00	57.28 -0.58 0.00	49.89 -0.61 0.00
ALBANY___4 23574	55.09 -0.44 0.00	50.47 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.40 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.41 0.00	72.39 0.36 0.00	67.89 1.16 5.57	76.62 1.13 0.02	69.49 1.65 14.60	90.86 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.39 0.00	57.28 -0.58 0.00	49.89 -0.61 0.00
ALBANY___LFGE 323615	55.82 0.28 0.00	51.08 0.20 0.00	47.01 0.33 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.50 0.41 0.00	52.65 0.42 0.00	53.93 0.38 0.00	54.55 0.49 0.00	57.20 0.40 0.00	56.21 0.17 0.00	61.79 0.25 0.00	68.37 0.48 0.00	73.39 1.37 0.00	74.98 2.17 -0.51	77.70 2.19 0.00	86.58 2.80 -1.34	95.84 2.96 -0.31	91.56 2.66 -0.21	76.40 2.15 2.71	73.79 1.23 0.00	65.05 0.51 0.00	58.03 0.17 0.00	50.55 0.05 0.00
ALCOA_PA_115KV_PL-6C 55860	56.76 1.22 0.00	52.09 1.22 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.59 1.36 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.82 1.02 0.00	56.94 0.90 0.00	62.35 0.80 0.00	68.23 0.34 0.00	71.30 -0.72 0.00	70.71 -1.59 0.00	73.16 -2.34 0.00	79.72 -2.72 0.00	89.24 -3.33 0.00	86.56 -2.13 0.00	75.12 -1.85 0.00	71.97 -0.58 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.31 0.81 0.00
ALCOA_RYNLDS___DRP 24188	56.76 1.22 0.00	52.09 1.22 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.59 1.36 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.82 1.02 0.00	56.94 0.90 0.00	62.35 0.80 0.00	68.23 0.34 0.00	71.30 -0.72 0.00	70.71 -1.59 0.00	73.16 -2.34 0.00	79.72 -2.72 0.00	89.24 -3.33 0.00	86.56 -2.13 0.00	75.12 -1.85 0.00	71.97 -0.58 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.31 0.81 0.00
ALCOA___DSASP 323711	56.76 1.22 0.00	52.09 1.22 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.59 1.36 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.82 1.02 0.00	56.94 0.89 0.00	62.35 0.80 0.00	68.23 0.34 0.00	71.31 -0.72 0.00	70.71 -1.59 0.00	73.16 -2.34 0.00	79.72 -2.72 0.00	89.33 -3.24 0.00	86.56 -2.13 0.00	75.04 -1.92 0.00	72.12 -0.43 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.30 0.81 0.00
ALLEGHENY___COGEN 23514	56.71 1.17 0.00	51.53 0.66 0.00	46.54 -0.14 0.00	42.62 -0.43 0.00	42.31 -0.47 0.00	45.86 -0.23 0.00	52.02 -0.21 0.00	53.40 -0.16 0.00	52.88 -1.19 0.00	55.78 -1.02 0.00	55.26 -0.78 0.00	60.25 -1.30 0.00	66.73 -1.15 0.00	70.87 -1.16 0.00	71.29 -1.01 0.00	75.96 0.46 0.00	82.77 0.33 0.00	94.32 1.75 0.00	91.71 3.02 0.00	81.04 4.08 0.00	76.04 3.48 0.00	67.19 2.65 0.00	59.48 1.62 0.00	52.01 1.51 0.00
ALTAMONT_115KV_TB 2 55880	55.87 0.33 0.00	51.18 0.31 0.00	47.10 0.42 0.00	43.48 0.43 0.00	43.21 0.43 0.00	46.55 0.46 0.00	52.70 0.47 0.00	53.93 0.37 0.00	54.55 0.49 0.00	57.20 0.40 0.00	56.32 0.28 0.00	61.85 0.31 0.00	68.43 0.54 0.00	73.32 1.30 0.00	71.24 1.95 3.02	77.61 2.11 0.01	77.17 2.64 7.90	93.61 2.87 1.83	90.56 2.39 0.53	77.61 2.00 1.35	73.86 1.31 0.00	65.19 0.65 0.00	58.21 0.35 0.00	50.75 0.25 0.00
ALTONA_WT_PWR 323606	56.26 0.72 0.00	51.64 0.76 0.00	47.71 1.03 0.00	44.00 0.95 0.00	43.72 0.94 0.00	47.15 1.06 0.00	53.22 0.99 0.00	54.47 0.91 0.00	54.77 0.70 0.00	57.53 0.74 0.00	56.72 0.67 0.00	62.16 0.62 0.00	68.16 0.27 0.00	71.31 -0.72 0.00	70.78 -1.52 0.00	73.47 -2.04 0.00	80.13 -2.31 0.00	89.80 -2.77 0.00	87.10 -1.59 0.00	75.43 -1.54 0.00	72.26 -0.29 0.00	64.80 0.26 0.00	58.44 0.58 0.00	51.05 0.56 0.00
AMERICAN_REF_FUEL 24010	54.54 -1.00 0.00	49.80 -1.07 0.00	44.49 -2.19 0.00	40.86 -2.19 0.00	40.60 -2.18 0.00	43.74 -2.35 0.00	49.51 -2.72 0.00	50.83 -2.73 0.00	51.04 -3.03 0.00	54.92 -1.87 0.00	54.76 -1.29 0.00	59.95 -1.60 0.00	66.12 -1.77 0.00	70.37 -1.65 0.00	70.78 -1.52 0.00	75.13 -0.38 0.00	81.20 -1.23 0.00	91.55 -1.02 0.00	87.63 -1.06 0.00	76.58 -0.38 0.00	70.67 -1.89 0.00	63.06 -1.48 0.00	56.76 -1.10 0.00	50.50 0.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	56.76 1.22 0.00	51.69 0.81 0.00	46.13 -0.56 0.00	42.45 -0.60 0.00	42.22 -0.56 0.00	45.49 -0.60 0.00	51.81 -0.42 0.00	53.61 0.05 0.00	53.85 -0.22 0.00	57.82 1.02 0.00	57.67 1.63 0.00	63.27 1.72 0.00	70.06 2.17 0.00	74.91 2.88 0.00	75.34 3.04 0.00	79.88 4.38 0.00	86.23 3.79 0.00	97.38 4.81 0.00	93.12 4.43 0.00	81.51 4.54 0.00	75.09 2.54 0.00	66.60 2.06 0.00	59.77 1.91 0.00	52.72 2.22 0.00
ARTHUR KILL_GT_1 23520	51.34 1.83 6.03	50.90 1.83 1.80	48.97 2.29 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.44 2.35 0.00	50.50 1.78 3.50	50.46 1.71 4.81	50.40 2.16 5.83	50.58 2.04 8.26	52.06 2.75 6.73	52.24 2.52 11.83	55.59 3.12 15.42	62.76 4.75 14.01	70.01 6.00 8.29	76.38 6.64 5.76	83.20 7.83 7.07	87.69 8.52 13.39	79.60 6.65 15.74	61.71 5.16 20.41	55.63 3.56 20.48	52.48 2.45 14.51	51.73 1.91 8.04	52.04 2.42 0.88
ARTHUR_KILL_2 23512	51.12 1.61 6.03	50.65 1.58 1.80	48.80 2.10 -0.01	45.13 2.07 -0.01	44.80 2.01 -0.01	48.27 2.17 -0.01	50.35 1.62 3.50	50.24 1.50 4.81	50.24 2.00 5.83	50.69 2.16 8.26	51.61 2.30 6.73	51.93 2.21 11.83	55.25 2.78 15.42	62.41 4.39 14.01	69.57 5.57 8.30	75.92 6.19 5.77	82.70 7.33 7.08	87.14 7.96 13.40	79.06 6.12 15.75	61.33 4.77 20.41	55.20 3.12 20.48	52.09 2.06 14.51	51.43 1.62 8.04	51.80 2.17 0.87
ARTHUR_KILL_3 23513	51.05 1.55 6.04	50.74 1.68 1.81	48.32 1.63 0.00	44.60 1.55 0.00	44.27 1.50 0.00	47.80 1.71 0.00	50.44 1.72 3.51	50.56 1.82 4.82	50.46 2.22 5.82	50.74 2.21 8.27	51.66 2.35 6.74	52.35 2.64 11.84	55.72 3.26 15.43	62.90 4.90 14.02	70.14 6.14 8.31	76.52 6.80 5.78	83.27 7.91 7.08	87.68 8.51 13.40	79.59 6.66 15.76	61.18 5.16 20.94	54.60 3.34 21.29	51.66 2.26 15.14	51.66 1.85 8.05	51.39 1.77 0.88

ARTHUR_KILL_COGEN 323718	51.34 1.83 6.03	50.90 1.83 1.80	48.98 2.29 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.45 2.35 -0.01	50.50 1.78 3.50	50.46 1.71 4.81	50.46 2.22 5.83	50.92 2.39 8.26	51.89 2.58 6.73	52.24 2.52 11.83	55.59 3.12 15.42	62.76 4.75 14.01	70.00 6.00 8.30	76.38 6.65 5.77	83.11 7.75 7.08	87.69 8.51 13.40	79.60 6.66 15.75	61.79 5.24 20.41	55.63 3.55 20.48	52.48 2.45 14.51	51.72 1.91 8.04	52.05 2.42 0.87
ASHOKAN____ 23654	57.60 2.06 0.00	52.60 1.73 0.00	48.18 1.49 0.00	44.26 1.20 0.00	43.97 1.20 0.00	47.38 1.29 0.00	53.75 1.52 0.00	54.57 1.02 0.00	54.82 0.76 0.00	57.20 0.40 0.00	56.21 0.17 0.00	61.98 0.43 0.00	68.84 0.95 0.00	73.97 1.95 0.00	74.43 6.07 3.94	79.41 3.92 0.01	80.19 8.08 10.34	99.72 9.54 2.39	96.74 8.78 0.74	81.61 6.01 1.37	75.60 3.05 0.00	66.60 2.06 0.00	59.36 1.50 0.00	51.76 1.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.54 2.00 -0.01	53.02 2.14 -0.01	48.98 2.29 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.43 2.19 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.23 6.47 -0.06	81.60 5.00 0.36	75.27 3.27 0.55	66.37 2.26 0.42	59.72 1.85 -0.01	53.08 2.57 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	57.54 2.00 -0.01	53.02 2.14 -0.01	48.98 2.29 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.43 2.19 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.23 6.47 -0.06	81.60 5.00 0.36	75.27 3.27 0.55	66.37 2.26 0.42	59.72 1.85 -0.01	53.08 2.57 -0.01
ASTORIA_GT2_1 24094	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT2_2 24095	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT2_3 24096	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT2_4 24097	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT3_1 24098	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT3_2 24099	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT3_3 24100	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT3_4 24101	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT4_1 24102	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT4_2 24103	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT4_3 24104	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00

ASTORIA_GT4_4 24105	57.60 2.05 -0.01	53.07 2.19 -0.01	49.02 2.33 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.49 2.40 0.00	54.48 2.25 -0.01	55.81 2.25 0.00	56.66 2.60 0.00	59.18 2.39 0.00	59.02 2.97 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.53 4.93 0.36	75.34 3.34 0.55	66.38 2.26 0.42	59.78 1.91 -0.01	53.12 2.63 0.00
ASTORIA_GT_1 23523	57.77 2.22 -0.01	53.17 2.29 -0.01	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.59 2.35 -0.01	55.91 2.36 0.00	56.83 2.76 0.00	59.35 2.56 0.00	59.24 3.19 -0.01	64.45 2.89 -0.01	71.36 3.46 -0.01	77.15 5.11 -0.01	79.25 6.36 -0.59	82.47 6.95 -0.02	92.11 8.16 -1.51	101.63 8.70 -0.36	95.59 6.83 -0.07	81.76 5.16 0.36	75.63 3.63 0.55	66.63 2.52 0.42	59.95 2.08 -0.01	53.27 2.78 0.00
ASTORIA_GT_10 24110	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	44.99 1.94 0.00	44.70 1.92 0.00	48.26 2.17 0.00	54.27 2.04 0.00	55.54 1.98 0.00	56.50 2.43 0.00	59.01 2.22 0.00	58.84 2.80 0.00	62.40 2.52 1.67	65.34 3.05 5.60	71.57 4.68 5.14	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.50	101.15 8.24 -0.34	95.04 6.30 -0.05	67.86 4.85 13.95	65.38 3.26 10.44	61.76 2.13 4.91	59.65 1.79 0.00	52.92 2.42 0.00
ASTORIA_GT_11 24225	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	44.99 1.94 0.00	44.70 1.92 0.00	48.26 2.17 0.00	54.27 2.04 0.00	55.54 1.98 0.00	56.50 2.43 0.00	59.01 2.22 0.00	58.84 2.80 0.00	62.40 2.52 1.67	65.34 3.05 5.60	71.57 4.68 5.14	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.50	101.15 8.24 -0.34	95.04 6.30 -0.05	67.86 4.85 13.95	65.38 3.26 10.44	61.76 2.13 4.91	59.65 1.79 0.00	52.92 2.42 0.00
ASTORIA_GT_12 24226	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	44.99 1.94 0.00	44.70 1.92 0.00	48.26 2.17 0.00	54.27 2.04 0.00	55.54 1.98 0.00	56.50 2.43 0.00	59.01 2.22 0.00	58.84 2.80 0.00	62.40 2.52 1.67	65.34 3.05 5.60	71.57 4.68 5.14	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.50	101.15 8.24 -0.34	95.04 6.30 -0.05	67.86 4.85 13.95	65.38 3.26 10.44	61.76 2.13 4.91	59.65 1.79 0.00	52.92 2.42 0.00
ASTORIA_GT_13 24227	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	44.99 1.94 0.00	44.70 1.92 0.00	48.26 2.17 0.00	54.27 2.04 0.00	55.54 1.98 0.00	56.50 2.43 0.00	59.01 2.22 0.00	58.84 2.80 0.00	62.40 2.52 1.67	65.34 3.05 5.60	71.57 4.68 5.14	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.50	101.15 8.24 -0.34	95.04 6.30 -0.05	67.86 4.85 13.95	65.38 3.26 10.44	61.76 2.13 4.91	59.65 1.79 0.00	52.92 2.42 0.00
ASTORIA_GT_5 24106	57.77 2.22 -0.01	53.17 2.29 -0.01	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.59 2.35 -0.01	55.91 2.36 0.00	56.83 2.76 0.00	59.35 2.56 0.00	59.24 3.19 -0.01	64.45 2.89 -0.01	71.36 3.46 -0.01	77.15 5.11 -0.01	79.25 6.36 -0.59	82.47 6.95 -0.02	92.11 8.16 -1.51	101.63 8.70 -0.36	95.59 6.83 -0.07	81.76 5.16 0.36	75.63 3.63 0.55	66.63 2.52 0.42	59.95 2.08 -0.01	53.27 2.78 0.00
ASTORIA_GT_7 24107	57.77 2.22 -0.01	53.17 2.29 -0.01	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.59 2.35 -0.01	55.91 2.36 0.00	56.83 2.76 0.00	59.35 2.56 0.00	59.24 3.19 -0.01	64.45 2.89 -0.01	71.36 3.46 -0.01	77.15 5.11 -0.01	79.25 6.36 -0.59	82.47 6.95 -0.02	92.11 8.16 -1.51	101.63 8.70 -0.36	95.59 6.83 -0.07	81.76 5.16 0.36	75.63 3.63 0.55	66.63 2.52 0.42	59.95 2.08 -0.01	53.27 2.78 0.00
ASTORIA_GT_8 24108	57.77 2.22 -0.01	53.17 2.29 -0.01	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.59 2.35 -0.01	55.91 2.36 0.00	56.83 2.76 0.00	59.35 2.56 0.00	59.24 3.19 -0.01	64.45 2.89 -0.01	71.36 3.46 -0.01	77.15 5.11 -0.01	79.25 6.36 -0.59	82.47 6.95 -0.02	92.11 8.16 -1.51	101.63 8.70 -0.36	95.59 6.83 -0.07	81.76 5.16 0.36	75.63 3.63 0.55	66.63 2.52 0.42	59.95 2.08 -0.01	53.27 2.78 0.00
ASTORIA___2 24149	57.60 2.06 -0.01	53.02 2.14 -0.01	49.03 2.33 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.49 2.40 -0.01	54.48 2.24 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.85 2.80 -0.01	64.26 2.71 -0.01	71.15 3.26 -0.01	76.93 4.90 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.35 8.42 -0.35	95.32 6.56 -0.06	81.60 5.00 0.36	75.34 3.34 0.55	66.37 2.26 0.42	59.77 1.91 -0.01	53.08 2.57 -0.01
ASTORIA___3 23516	57.37 1.83 0.00	52.81 1.93 0.00	48.84 2.15 -0.01	45.00 1.94 -0.01	44.71 1.93 -0.01	48.27 2.17 -0.01	54.27 2.03 0.00	55.54 1.98 0.00	56.50 2.44 0.00	59.36 2.56 0.00	58.68 2.63 0.00	62.41 2.52 1.67	65.41 3.12 5.60	71.56 4.68 5.14	78.80 5.93 -0.56	81.99 6.49 0.01	91.51 7.58 -1.49	101.15 8.24 -0.34	95.04 6.30 -0.05	67.94 4.93 13.95	65.30 3.19 10.44	61.75 2.13 4.91	59.59 1.73 0.00	52.88 2.37 -0.01
ASTORIA___4 23517	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	44.99 1.94 0.00	44.70 1.92 0.00	48.26 2.17 0.00	54.27 2.04 0.00	55.54 1.98 0.00	56.50 2.43 0.00	59.01 2.22 0.00	58.84 2.80 0.00	62.40 2.52 1.67	65.34 3.05 5.60	71.57 4.68 5.14	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.50	101.15 8.24 -0.34	95.04 6.30 -0.05	67.86 4.85 13.95	65.38 3.26 10.44	61.76 2.13 4.91	59.65 1.79 0.00	52.92 2.42 0.00
ASTORIA___5 23518	57.37 1.83 0.00	52.81 1.93 0.00	48.84 2.15 -0.01	45.00 1.94 -0.01	44.71 1.93 -0.01	48.27 2.17 -0.01	54.27 2.03 0.00	55.54 1.98 0.00	56.50 2.44 0.00	59.36 2.56 0.00	58.68 2.63 0.00	62.41 2.52 1.67	65.41 3.12 5.60	71.56 4.68 5.14	78.80 5.93 -0.56	81.99 6.49 0.01	91.51 7.58 -1.49	101.15 8.24 -0.34	95.04 6.30 -0.05	67.94 4.93 13.95	65.30 3.19 10.44	61.75 2.13 4.91	59.59 1.73 0.00	52.88 2.37 -0.01
AST_ENERGY_2_CC3 323677	37.41 1.83 19.96	37.41 1.88 15.35	37.41 1.82 11.09	37.41 1.68 7.32	37.41 1.67 7.03	37.41 1.89 10.57	37.41 1.93 16.75	37.41 2.03 18.18	37.41 2.49 19.15	37.41 2.50 21.88	41.05 2.58 17.57	41.05 2.95 23.45	41.05 3.60 30.43	46.35 5.26 30.93	53.59 6.51 25.23	59.97 7.18 22.71	66.72 8.32 24.04	71.13 8.98 30.42	64.01 7.10 31.78	46.28 5.54 36.23	41.05 3.70 35.20	41.05 2.58 26.07	41.05 2.14 18.95	41.05 2.02 11.47
AST_ENERGY_2_CC4 323678	37.41 1.83 19.96	37.41 1.88 15.35	37.41 1.82 11.09	37.41 1.68 7.32	37.41 1.67 7.03	37.41 1.89 10.57	37.41 1.93 16.75	37.41 2.03 18.18	37.41 2.49 19.15	37.41 2.50 21.88	41.05 2.58 17.57	41.05 2.95 23.45	41.05 3.60 30.43	46.35 5.26 30.93	53.59 6.51 25.23	59.97 7.18 22.71	66.72 8.32 24.04	71.13 8.98 30.42	64.01 7.10 31.78	46.28 5.54 36.23	41.05 3.70 35.20	41.05 2.58 26.07	41.05 2.14 18.95	41.05 2.02 11.47

ATHENS_STG_1 23668	56.04 0.50 0.00	51.38 0.51 0.00	47.29 0.61 0.00	43.70 0.65 0.00	43.42 0.64 0.00	46.78 0.69 0.00	52.86 0.63 0.00	54.15 0.59 0.00	54.82 0.76 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.35 0.80 0.00	69.11 1.22 0.00	74.18 2.16 0.00	75.27 2.97 0.00	78.75 3.24 0.00	86.23 3.79 0.00	96.64 4.07 0.00	91.88 3.19 0.00	79.58 2.62 0.00	74.15 1.59 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
ATHENS_STG_2 23670	56.04 0.50 0.00	51.38 0.51 0.00	47.29 0.61 0.00	43.70 0.65 0.00	43.42 0.64 0.00	46.78 0.69 0.00	52.86 0.63 0.00	54.15 0.59 0.00	54.82 0.76 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.35 0.80 0.00	69.11 1.22 0.00	74.18 2.16 0.00	75.27 2.97 0.00	78.75 3.24 0.00	86.23 3.79 0.00	96.64 4.07 0.00	91.88 3.19 0.00	79.58 2.62 0.00	74.15 1.59 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
ATHENS_STG_3 23677	56.04 0.50 0.00	51.38 0.51 0.00	47.29 0.61 0.00	43.70 0.65 0.00	43.42 0.64 0.00	46.78 0.69 0.00	52.86 0.63 0.00	54.15 0.59 0.00	54.82 0.76 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.35 0.80 0.00	69.11 1.22 0.00	74.18 2.16 0.00	75.27 2.97 0.00	78.75 3.24 0.00	86.23 3.79 0.00	96.64 4.07 0.00	91.88 3.19 0.00	79.58 2.62 0.00	74.15 1.59 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
AUBURN____LFGE 323710	55.71 0.17 0.00	50.82 -0.05 0.00	46.40 -0.28 0.00	42.71 -0.34 0.00	42.39 -0.38 0.00	45.77 -0.32 0.00	52.02 -0.21 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.80 0.00 0.00	56.21 0.17 0.00	61.73 0.18 0.00	68.29 0.41 0.00	72.67 0.65 0.00	73.10 0.80 0.00	76.71 1.21 0.00	83.51 1.07 0.00	94.33 1.76 0.00	90.73 2.04 0.00	79.12 2.16 0.00	74.15 1.60 0.00	65.38 0.84 0.00	58.38 0.52 0.00	50.80 0.30 0.00
BABYLON_RES_REC 323704	58.65 3.11 0.00	54.24 3.36 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.28 3.18 -0.01	55.52 3.29 0.00	56.82 3.27 0.00	57.64 3.57 0.00	58.73 1.93 0.00	57.67 1.63 0.00	64.13 2.58 0.00	71.61 3.60 -0.13	81.41 5.55 -3.84	87.88 6.79 -8.79	92.11 7.48 -9.13	103.58 8.65 -12.48	112.00 9.54 -9.89	105.11 7.81 -8.61	92.15 6.08 -9.10	80.11 4.43 -3.13	70.44 2.77 -3.13	59.88 2.02 0.00	52.31 1.72 -0.09
BALL_HILL_WT_PWR 323825	55.93 0.39 0.00	50.92 0.05 0.00	45.52 -1.17 0.00	41.85 -1.21 0.00	41.62 -1.15 0.00	44.85 -1.24 0.00	50.93 -1.30 0.00	52.65 -0.91 0.00	52.88 -1.19 0.00	56.74 -0.06 0.00	56.60 0.56 0.00	62.10 0.55 0.00	68.77 0.88 0.00	73.39 1.37 0.00	73.82 1.52 0.00	78.30 2.80 0.00	84.67 2.23 0.00	95.53 2.96 0.00	91.35 2.66 0.00	79.89 2.92 0.00	73.64 1.09 0.00	65.44 0.90 0.00	58.73 0.87 0.00	51.81 1.31 0.00
BARON_WINDS____WT_PWR 323822	55.87 0.34 0.00	50.92 0.05 0.00	45.89 -0.79 0.00	42.28 -0.77 0.00	42.01 -0.77 0.00	45.26 -0.83 0.00	51.39 -0.84 0.00	52.81 -0.75 0.00	52.88 -1.19 0.00	56.12 -0.68 0.00	55.76 -0.28 0.00	61.18 -0.37 0.00	67.82 -0.07 0.00	72.39 0.36 0.00	72.81 0.51 0.00	76.93 1.43 0.00	83.51 1.07 0.00	94.24 1.67 0.00	90.64 1.95 0.00	79.50 2.54 0.00	73.93 1.38 0.00	65.44 0.90 0.00	58.50 0.64 0.00	51.45 0.96 0.00
BARRETT_IC_1 23704	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_10 23701	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	80.92 5.76 -3.13	82.26 6.87 -3.08	84.25 7.48 -1.27	96.14 8.41 -5.29	102.08 9.17 -0.34	96.10 7.36 -0.05	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_11 23702	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	80.92 5.76 -3.13	82.26 6.87 -3.08	84.25 7.48 -1.27	96.14 8.41 -5.29	102.08 9.17 -0.34	96.10 7.36 -0.05	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_12 23703	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	80.92 5.76 -3.13	82.26 6.87 -3.08	84.25 7.48 -1.27	96.14 8.41 -5.29	102.08 9.17 -0.34	96.10 7.36 -0.05	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_2 23705	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_3 23706	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_4 23707	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_5 23708	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01

BARRETT_IC_6 23709	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_7 23710	58.32 2.78 0.00	53.72 2.85 0.00	49.30 2.61 0.00	45.51 2.45 0.00	45.22 2.44 0.00	48.81 2.72 0.00	54.84 2.61 0.00	55.97 2.41 0.00	56.99 2.92 0.00	59.35 2.56 0.00	58.06 2.02 0.00	64.38 2.83 0.00	71.89 4.01 0.00	87.99 5.76 -10.21	87.95 6.87 -8.78	87.15 7.47 -4.17	104.87 8.49 -13.94	102.08 9.16 -0.35	96.20 7.45 -0.06	83.05 6.08 0.00	77.27 4.72 0.00	67.64 3.10 0.00	60.26 2.31 -0.08	52.67 2.17 0.00
BARRETT_IC_8 23711	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT_IC_9 23700	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	80.92 5.76 -3.13	82.26 6.87 -3.08	84.25 7.48 -1.27	96.14 8.41 -5.29	102.08 9.17 -0.34	96.10 7.36 -0.05	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT___1 23545	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	88.00 5.76 -10.21	87.95 6.87 -8.78	87.15 7.48 -4.17	104.79 8.41 -13.94	102.09 9.17 -0.36	96.12 7.36 -0.07	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BARRETT___2 23546	58.27 2.72 -0.01	53.73 2.85 -0.01	49.31 2.61 -0.01	45.51 2.45 -0.01	45.22 2.44 -0.01	48.77 2.67 -0.01	54.84 2.61 0.00	56.13 2.57 0.00	56.82 2.76 0.00	58.73 1.93 0.00	57.95 1.91 0.00	64.38 2.83 0.00	71.89 4.00 0.00	80.92 5.76 -3.13	82.26 6.87 -3.08	84.25 7.48 -1.27	96.14 8.41 -5.29	102.08 9.17 -0.34	96.10 7.36 -0.05	83.05 6.08 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.26 2.32 -0.08	52.47 1.97 -0.01
BATAVIA__115KV_TB1 55881	56.54 1.00 0.00	51.33 0.46 0.00	46.17 -0.51 0.00	42.28 -0.77 0.00	41.96 -0.81 0.00	45.31 -0.78 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.42 -0.65 0.00	57.25 0.45 0.00	56.77 0.73 0.00	62.41 0.86 0.00	68.91 1.02 0.00	73.47 1.44 0.00	73.75 1.45 0.00	78.07 2.57 0.00	84.25 1.81 0.00	95.72 3.15 0.00	92.15 3.46 0.00	80.43 3.46 0.00	74.51 1.96 0.00	66.09 1.55 0.00	59.02 1.16 0.00	51.71 1.21 0.00
BAYONEEC___CTG1 323682	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG10 323750	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG2 323683	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG3 323684	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG4 323685	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG5 323686	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG6 323687	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG7 323688	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00

BAYONEEC___CTG8 323689	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BAYONEEC___CTG9 323749	57.37 1.83 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.22 1.98 0.00	55.64 2.09 0.00	56.61 2.54 0.00	59.29 2.50 0.00	58.68 2.63 0.00	64.56 3.02 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.45 6.58 -0.57	82.68 7.18 0.00	92.35 8.41 -1.50	101.99 9.08 -0.35	95.85 7.10 -0.06	84.43 5.54 -1.92	79.24 3.77 -2.92	69.36 2.58 -2.24	60.00 2.14 0.00	52.57 2.07 0.00
BEACON___LESR 323632	56.04 0.50 0.00	51.28 0.41 0.00	47.10 0.42 0.00	43.48 0.43 0.00	43.25 0.47 0.00	46.65 0.56 0.00	52.86 0.63 0.00	54.15 0.59 0.00	54.72 0.65 0.00	57.31 0.51 0.00	56.27 0.23 0.00	61.79 0.25 0.00	68.43 0.54 0.00	73.54 1.51 0.00	64.37 2.31 10.25	77.88 2.42 0.04	58.63 3.05 26.86	89.79 3.43 6.20	89.90 3.10 1.89	76.27 2.46 3.16	74.15 1.59 0.00	65.25 0.71 0.00	58.21 0.35 0.00	50.65 0.15 0.00
BEAVER RIVER___HYD 24048	58.20 2.67 0.00	53.27 2.39 0.00	48.64 1.96 0.00	44.69 1.64 0.00	44.44 1.67 0.00	48.03 1.94 0.00	54.63 2.40 0.00	56.07 2.52 0.00	56.17 2.11 0.00	58.90 2.10 0.00	57.72 1.68 0.00	62.96 1.42 0.00	69.31 1.43 0.00	73.25 1.22 0.00	73.24 0.94 0.00	76.34 0.83 0.00	82.44 0.00 0.00	93.22 0.65 0.00	91.61 2.92 0.00	79.96 3.00 0.00	75.74 3.19 0.00	67.31 2.77 0.00	60.29 2.43 0.00	52.42 1.92 0.00
BEEBEE_GT_13 23619	55.76 0.22 0.00	50.72 -0.15 0.00	45.89 -0.79 0.00	42.11 -0.95 0.00	41.79 -0.98 0.00	45.12 -0.97 0.00	51.24 -0.99 0.00	53.18 -0.37 0.00	53.64 -0.43 0.00	57.14 0.34 0.00	56.66 0.62 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.39 1.37 0.00	73.68 1.37 0.00	77.69 2.19 0.00	84.09 1.65 0.00	95.16 2.59 0.00	91.44 2.75 0.00	79.58 2.62 0.00	74.15 1.60 0.00	65.70 1.16 0.00	58.50 0.64 0.00	51.05 0.56 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.09 2.55 0.00	53.37 2.49 0.00	49.30 2.61 0.00	45.47 2.41 0.00	45.17 2.40 0.00	48.72 2.63 0.00	54.69 2.45 0.00	55.97 2.41 0.00	56.93 2.87 0.00	59.64 2.84 0.00	59.57 3.53 0.00	64.92 3.39 0.01	72.02 4.14 0.01	77.85 5.83 0.01	79.89 7.01 -0.57	83.21 7.70 0.00	92.93 8.99 -1.51	102.74 9.81 -0.36	96.65 7.89 -0.07	91.20 6.16 -8.08	89.35 4.50 -12.30	77.20 3.23 -9.43	60.53 2.66 -0.01	53.63 3.13 0.00
BETHLEHEM___GRP 23843	55.09 -0.44 0.00	50.47 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.40 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.41 0.00	72.39 0.36 0.00	67.89 1.16 5.57	76.62 1.13 0.02	69.49 1.65 14.60	90.86 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.39 0.00	57.28 -0.58 0.00	49.89 -0.61 0.00
BETHLEHEM___GS1 323560	55.09 -0.45 0.00	50.46 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.39 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.40 0.00	72.39 0.36 0.00	67.89 1.15 5.57	76.62 1.13 0.02	69.40 1.56 14.60	90.87 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.38 0.00	57.28 -0.58 0.00	49.89 -0.60 0.00
BETHLEHEM___GS2 323561	55.09 -0.45 0.00	50.46 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.39 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.40 0.00	72.39 0.36 0.00	67.89 1.15 5.57	76.62 1.13 0.02	69.40 1.56 14.60	90.87 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.38 0.00	57.28 -0.58 0.00	49.89 -0.60 0.00
BETHLEHEM___GS3 323562	55.09 -0.45 0.00	50.46 -0.41 0.00	46.45 -0.23 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	51.97 -0.26 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.39 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.48 -0.40 0.00	72.39 0.36 0.00	67.89 1.15 5.57	76.62 1.13 0.02	69.40 1.56 14.60	90.87 1.67 3.37	89.04 1.33 0.99	75.13 1.00 2.84	72.77 0.22 0.00	64.15 -0.38 0.00	57.28 -0.58 0.00	49.89 -0.60 0.00
BETHLEHEM___STEEL 23779	55.76 0.22 0.00	50.72 -0.15 0.00	45.38 -1.31 0.00	41.72 -1.33 0.00	41.45 -1.33 0.00	44.62 -1.47 0.00	50.72 -1.51 0.00	52.43 -1.12 0.00	52.72 -1.35 0.00	56.63 -0.17 0.00	56.21 0.17 0.00	61.92 0.37 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.53 1.23 0.00	78.00 2.49 0.00	84.00 1.57 0.00	95.16 2.59 0.00	91.09 2.39 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.19 0.65 0.00	58.55 0.69 0.00	51.46 0.96 0.00
BETHLHEM_115KV_TB1 79974	55.26 -0.28 0.00	50.62 -0.25 0.00	46.54 -0.14 0.00	43.01 -0.04 0.00	42.73 -0.04 0.00	46.04 -0.05 0.00	52.13 -0.10 0.00	53.34 -0.21 0.00	54.01 -0.05 0.00	56.57 -0.23 0.00	55.65 -0.39 0.00	61.12 -0.43 0.00	67.68 -0.20 0.00	72.53 0.50 0.00	68.36 1.30 5.24	76.84 1.36 0.02	70.52 1.81 13.73	91.34 1.94 3.17	89.27 1.51 0.93	75.49 1.15 2.63	72.92 0.36 0.00	64.28 -0.26 0.00	57.45 -0.41 0.00	50.04 -0.45 0.00
BETHPAGE_CC_5 323564	58.09 2.56 0.00	53.68 2.80 -0.01	49.26 2.57 -0.01	45.43 2.37 -0.01	45.14 2.35 -0.01	48.77 2.67 -0.01	54.89 2.66 0.00	56.23 2.68 0.00	57.04 2.97 0.00	58.73 1.93 0.00	57.89 1.85 0.00	64.38 2.83 0.00	71.93 4.00 -0.04	79.78 5.91 -1.85	82.97 7.23 -3.43	86.14 7.85 -2.79	96.95 9.07 -5.44	105.39 9.91 -2.91	99.20 8.15 -2.35	85.88 6.47 -2.44	78.11 4.71 -0.84	68.48 3.10 -0.84	59.94 2.08 0.00	52.29 1.77 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	55.82 0.28 0.00	50.77 -0.10 0.00	45.47 -1.21 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.71 -1.38 0.00	50.82 -1.41 0.00	52.54 -1.02 0.00	52.82 -1.24 0.00	56.74 -0.06 0.00	56.32 0.28 0.00	62.10 0.55 0.00	68.70 0.81 0.00	73.39 1.37 0.00	73.82 1.52 0.00	78.30 2.79 0.00	84.33 1.90 0.00	95.53 2.96 0.00	91.44 2.75 0.00	79.89 2.92 0.00	73.57 1.02 0.00	65.31 0.77 0.00	58.67 0.81 0.00	51.56 1.06 0.00
BINGHAMTON___COGEN 23790	55.93 0.39 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.92 -0.13 0.00	42.65 -0.13 0.00	45.91 -0.18 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	54.01 -0.05 0.00	56.91 0.11 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.75 1.45 0.00	77.47 1.96 0.00	84.33 1.90 0.00	95.07 2.50 0.00	91.00 2.31 0.00	79.20 2.23 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.38 0.52 0.00	51.10 0.61 0.00

BIXINCNT_115KV_LOAD 355685	55.87 0.33 0.00	50.82 -0.05 0.00	45.52 -1.17 0.00	41.89 -1.16 0.00	41.58 -1.20 0.00	44.80 -1.29 0.00	51.03 -1.20 0.00	52.75 -0.80 0.00	53.04 -1.03 0.00	56.91 0.11 0.00	56.49 0.45 0.00	62.29 0.74 0.00	69.11 1.22 0.00	73.90 1.87 0.00	74.26 1.95 0.00	78.75 3.25 0.00	84.75 2.31 0.00	95.90 3.33 0.00	91.71 3.02 0.00	80.28 3.31 0.00	73.93 1.38 0.00	65.57 1.03 0.00	58.78 0.93 0.00	51.71 1.21 0.00
BLACK RIVER___HYD 24047	58.98 3.44 0.00	53.87 3.00 0.00	49.06 2.38 0.00	45.08 2.02 0.00	44.83 2.05 0.00	48.44 2.35 0.00	55.21 2.98 0.00	56.66 3.11 0.00	56.77 2.70 0.00	59.52 2.73 0.00	58.29 2.24 0.00	63.58 2.03 0.00	69.99 2.11 0.00	74.12 2.09 0.00	74.11 1.81 0.00	77.39 1.89 0.00	83.75 1.31 0.00	94.97 2.40 0.00	93.48 4.79 0.00	81.82 4.85 0.00	77.41 4.86 0.00	68.54 4.00 0.00	61.21 3.35 0.00	53.07 2.57 0.00
BLACKRVR_115KV_TB2 79977	58.98 3.44 0.00	53.88 3.00 0.00	49.07 2.38 0.00	45.08 2.02 0.00	44.83 2.05 0.00	48.44 2.35 0.00	55.21 2.98 0.00	56.72 3.16 0.00	56.77 2.70 0.00	59.52 2.73 0.00	58.23 2.19 0.00	63.58 2.03 0.00	69.99 2.10 0.00	74.11 2.09 0.00	74.11 1.81 0.00	77.39 1.89 0.00	83.76 1.32 0.00	94.98 2.41 0.00	93.48 4.79 0.00	81.81 4.85 0.00	77.34 4.79 0.00	68.54 4.00 0.00	61.21 3.36 0.00	53.07 2.58 0.00
BLDWN_LI_69_KV_BK4 356085	58.76 3.22 0.00	54.13 3.26 0.00	49.63 2.94 0.00	45.77 2.71 0.00	45.47 2.69 0.00	49.09 3.00 0.00	55.10 2.87 0.00	56.29 2.73 0.00	57.42 3.35 0.00	59.81 3.01 0.00	58.45 2.41 0.00	64.93 3.39 0.00	72.37 4.48 0.00	81.69 6.34 -3.33	83.14 7.59 -3.25	85.17 8.31 -1.36	97.55 9.56 -5.55	103.38 10.46 -0.35	97.35 8.60 -0.06	83.82 6.85 0.00	78.07 5.51 0.00	68.48 3.94 0.00	60.78 2.89 0.00	53.07 2.58 0.00
BLISS_WT_PWR 323608	55.87 0.34 0.00	50.87 0.00 0.00	45.52 -1.17 0.00	41.85 -1.21 0.00	41.54 -1.24 0.00	44.80 -1.29 0.00	51.03 -1.20 0.00	52.76 -0.80 0.00	53.10 -0.97 0.00	56.97 0.17 0.00	56.83 0.78 0.00	62.29 0.74 0.00	69.11 1.22 0.00	73.97 1.95 0.00	74.33 2.02 0.00	78.75 3.24 0.00	85.00 2.56 0.00	95.81 3.24 0.00	91.61 2.92 0.00	80.20 3.23 0.00	73.86 1.31 0.00	65.51 0.97 0.00	58.73 0.87 0.00	51.91 1.41 0.00
BLUESTONE___WT_PWR 323821	58.76 3.22 0.00	53.62 2.75 0.00	48.79 2.10 0.00	44.90 1.85 0.00	44.62 1.84 0.00	48.21 2.12 0.00	54.84 2.61 0.00	56.50 2.94 0.00	56.82 2.76 0.00	59.81 3.01 0.00	58.84 2.80 0.00	64.56 3.02 0.00	71.48 3.60 0.00	76.13 4.10 0.00	76.72 4.41 0.00	80.34 4.84 0.00	87.38 4.95 0.00	98.95 6.38 0.00	95.87 7.18 0.00	83.43 6.47 0.00	78.00 5.44 0.00	68.73 4.19 0.00	61.21 3.35 0.00	53.32 2.83 0.00
BLUE_CIRC_CHEM_DRP 24182	54.82 -0.72 0.00	50.21 -0.66 0.00	46.22 -0.47 0.00	42.67 -0.39 0.00	42.39 -0.38 0.00	45.72 -0.37 0.00	51.66 -0.57 0.00	52.86 -0.70 0.00	53.37 -0.70 0.00	55.83 -0.97 0.00	54.92 -1.12 0.00	60.25 -1.29 0.00	66.60 -1.29 0.00	71.38 -0.65 0.00	67.26 0.07 5.12	75.41 -0.08 0.02	69.44 0.41 13.41	89.94 0.46 3.10	88.11 0.35 0.93	75.40 0.31 1.87	72.19 -0.36 0.00	63.70 -0.84 0.00	56.93 -0.93 0.00	49.64 -0.86 0.00
BOC_GAS_DRP 24189	55.54 0.00 0.00	50.92 0.05 0.00	46.82 0.14 0.00	43.27 0.22 0.00	42.99 0.21 0.00	46.32 0.23 0.00	52.39 0.16 0.00	53.61 0.05 0.00	54.28 0.22 0.00	56.91 0.11 0.00	56.04 0.00 0.00	61.61 0.06 0.00	68.16 0.27 0.00	73.03 1.01 0.00	70.63 1.74 3.41	77.30 1.81 0.01	75.74 2.23 8.93	92.82 2.31 2.06	89.95 1.86 0.61	76.93 1.46 1.49	73.28 0.73 0.00	64.73 0.19 0.00	57.86 0.00 0.00	50.45 -0.05 0.00
BOONVILLE_115KV_TB1 79983	57.65 2.11 0.00	52.71 1.83 0.00	48.18 1.49 0.00	44.30 1.25 0.00	44.06 1.28 0.00	47.57 1.47 0.00	54.06 1.83 0.00	55.54 1.98 0.00	55.85 1.78 0.00	58.62 1.82 0.00	57.61 1.57 0.00	63.09 1.54 0.00	69.58 1.70 0.00	73.90 1.87 0.00	74.26 1.95 0.00	77.47 1.96 0.00	84.17 1.73 0.00	94.98 2.41 0.00	92.33 3.64 0.00	80.35 3.39 0.00	75.60 3.05 0.00	67.06 2.52 0.00	59.94 2.08 0.00	52.06 1.57 0.00
BORALEX_4TH_BRANCH 23824	57.21 1.67 0.00	52.40 1.53 0.00	48.13 1.45 0.00	44.47 1.42 0.00	44.23 1.45 0.00	47.70 1.61 0.00	54.01 1.78 0.00	55.54 1.98 0.00	56.23 2.16 0.00	58.90 2.10 0.00	58.00 1.96 0.00	63.82 2.28 0.00	70.74 2.85 0.00	75.84 3.82 0.00	80.73 4.92 -3.51	80.65 5.13 -0.01	97.56 5.94 -9.19	101.26 6.57 -2.12	95.46 5.94 -0.82	86.61 5.00 -4.64	76.18 3.63 0.00	67.06 2.52 0.00	59.88 2.03 0.00	51.86 1.36 0.00
BOWLINE___1 23526	56.87 1.33 0.00	52.19 1.32 0.00	47.90 1.21 0.00	44.17 1.12 0.00	43.89 1.11 0.00	47.38 1.29 0.00	53.59 1.36 0.00	54.90 1.34 0.00	55.75 1.68 0.00	58.45 1.65 0.00	57.72 1.68 0.00	63.64 2.09 0.00	70.67 2.78 0.00	76.20 4.18 0.00	78.11 5.28 -0.53	81.40 5.89 0.00	90.59 6.76 -1.39	100.20 7.31 -0.32	94.42 5.68 -0.05	81.43 4.46 0.00	75.53 2.98 0.00	66.47 1.93 0.00	59.31 1.45 0.00	51.91 1.41 0.00
BOWLINE___2 23595	56.93 1.39 0.00	52.25 1.37 0.00	47.95 1.26 0.00	44.26 1.20 0.00	43.97 1.20 0.00	47.43 1.34 0.00	53.64 1.41 0.00	55.00 1.45 0.00	55.85 1.78 0.00	58.56 1.76 0.00	57.83 1.79 0.00	63.76 2.21 0.00	70.80 2.92 0.00	76.35 4.32 0.00	78.26 5.43 -0.53	81.55 6.04 0.00	90.75 6.93 -1.39	100.39 7.49 -0.32	94.60 5.85 -0.05	81.58 4.62 0.00	75.67 3.12 0.00	66.60 2.06 0.00	59.42 1.56 0.00	52.01 1.51 0.00
BRADY___115KV_TB2 356060	57.54 2.00 0.00	52.86 1.98 0.00	48.51 1.82 0.00	44.65 1.59 0.00	44.40 1.63 0.00	47.84 1.75 0.00	54.27 2.04 0.00	55.38 1.82 0.00	55.47 1.41 0.00	58.16 1.36 0.00	57.16 1.12 0.00	62.41 0.86 0.00	68.23 0.34 0.00	71.16 -0.86 0.00	70.50 -1.81 0.00	72.94 -2.57 0.00	79.47 -2.97 0.00	89.15 -3.43 0.00	87.01 -1.69 0.00	75.66 -1.31 0.00	72.70 0.15 0.00	65.57 1.03 0.00	59.25 1.39 0.00	51.81 1.31 0.00
BRANSCOMB___SOLAR 323811	57.65 2.11 0.00	52.70 1.83 0.00	48.36 1.68 0.00	44.65 1.59 0.00	44.36 1.58 0.00	47.94 1.85 0.00	54.37 2.14 0.00	55.70 2.14 0.00	56.29 2.22 0.00	58.90 2.10 0.00	57.61 1.57 0.00	63.21 1.66 0.00	69.86 1.97 0.00	74.98 2.95 0.00	78.78 3.61 -2.86	79.36 3.85 -0.01	94.55 4.61 -7.50	99.67 5.37 -1.73	95.02 5.68 -0.65	85.47 5.00 -3.50	76.76 4.21 0.00	67.57 3.03 0.00	60.18 2.32 0.00	52.37 1.87 0.00
BRDGHMPT_69_KV_BK1 55812	60.15 4.61 0.00	55.55 4.68 0.00	50.84 4.15 0.00	46.80 3.75 0.00	46.58 3.81 0.00	50.56 4.47 0.00	56.78 4.54 0.00	58.06 4.50 0.00	59.69 5.62 0.00	62.36 5.57 0.00	60.64 4.60 0.00	67.58 6.03 0.00	77.92 8.01 -2.02	128.76 10.44 -46.29	200.84 11.93 -116.60	222.93 12.31 -135.12	251.71 14.34 -154.93	255.36 15.83 -146.96	233.80 13.66 -131.45	227.66 10.85 -139.84	130.05 9.43 -48.06	119.60 6.91 -48.15	63.07 5.21 -0.01	56.50 4.60 -1.41

BRENTWOD_69_KV_W. BRTWOOD 56703	59.15 3.61 0.00	54.79 3.92 0.00	50.23 3.55 0.00	46.28 3.23 0.00	46.03 3.25 0.00	49.78 3.69 0.00	56.04 3.81 0.00	57.15 3.59 0.00	58.34 4.27 0.00	60.60 3.81 0.00	58.56 2.52 0.00	64.87 3.32 0.00	72.99 4.68 -0.42	88.75 6.70 -10.03	104.90 7.52 -25.07	112.08 8.23 -28.34	125.95 9.56 -33.95	133.87 10.37 -30.93	124.76 8.60 -27.47	112.83 6.70 -29.17	88.17 5.59 -10.03	78.33 3.74 -10.05	60.69 2.84 0.00	53.37 2.58 -0.29
BRISTLHL_115KV_TB1 79998	54.60 -0.94 0.00	49.86 -1.02 0.00	45.61 -1.07 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	44.98 -1.11 0.00	51.08 -1.15 0.00	52.54 -1.02 0.00	52.99 -1.08 0.00	55.72 -1.08 0.00	55.03 -1.01 0.00	60.44 -1.11 0.00	66.87 -1.02 0.00	71.16 -0.86 0.00	71.65 -0.65 0.00	75.05 -0.45 0.00	81.70 -0.74 0.00	92.11 -0.46 0.00	88.34 -0.35 0.00	76.97 0.00 0.00	72.19 -0.36 0.00	63.83 -0.71 0.00	57.05 -0.81 0.00	49.69 -0.81 0.00
BROOKHAVEN___DRP 24191	58.98 3.44 0.00	54.59 3.71 0.00	50.00 3.31 0.00	46.02 2.97 0.00	45.77 2.99 0.00	49.59 3.50 0.00	55.78 3.55 0.00	56.82 3.27 0.00	58.07 4.00 0.00	60.43 3.64 0.00	58.45 2.41 0.00	64.99 3.45 0.00	74.78 4.89 -2.01	124.89 6.84 -46.02	196.40 8.17 -115.93	218.59 8.76 -134.33	246.69 10.22 -154.03	249.97 11.29 -146.11	228.78 9.40 -130.68	223.53 7.54 -139.02	126.28 5.95 -47.78	116.48 4.07 -47.87	60.81 2.95 -0.01	54.57 2.68 -1.40
BROOKLYN_NAVY_YARD 23515	57.48 1.94 0.00	52.81 1.93 0.00	48.55 1.87 0.00	44.82 1.77 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.32 2.09 0.00	55.75 2.20 0.00	56.72 2.65 0.00	59.52 2.73 0.00	58.79 2.75 0.00	64.68 3.14 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.67 6.79 -0.57	82.98 7.48 0.00	92.59 8.65 -1.50	102.26 9.35 -0.35	96.20 7.45 -0.06	82.81 5.85 0.00	76.54 3.99 0.00	67.31 2.77 0.00	60.23 2.37 0.00	52.67 2.17 0.00
BROOKLYN___ARMY_DRP 323595	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.30 5.54 -2.79	80.72 3.92 -4.25	70.51 2.71 -3.26	60.12 2.26 -0.01	53.27 2.78 0.00
BROOME_2_LFGE 323671	55.93 0.39 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.93 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	54.01 -0.05 0.00	56.91 0.11 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.64 0.75 0.00	73.25 1.22 0.00	73.75 1.45 0.00	77.46 1.96 0.00	84.34 1.90 0.00	94.97 2.40 0.00	90.99 2.30 0.00	79.20 2.23 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.38 0.52 0.00	51.15 0.65 0.00
BROOME___LFGE 323600	55.93 0.39 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.93 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	54.01 -0.05 0.00	56.91 0.11 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.64 0.75 0.00	73.25 1.22 0.00	73.75 1.45 0.00	77.46 1.96 0.00	84.34 1.90 0.00	94.97 2.40 0.00	90.99 2.30 0.00	79.20 2.23 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.38 0.52 0.00	51.15 0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	57.54 2.00 0.00	52.81 1.93 0.00	48.37 1.68 0.00	44.47 1.42 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.27 2.04 0.00	55.59 2.04 0.00	55.69 1.62 0.00	58.44 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.80 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.63 -1.94 0.00	88.78 0.09 0.00	77.35 0.38 0.00	73.64 1.09 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
BROWNSV1_27_KV_LOAD 356125	58.15 2.61 0.00	53.47 2.59 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.92 2.14 0.00	48.53 2.44 0.00	54.84 2.61 0.00	56.29 2.73 0.00	57.26 3.19 0.00	60.04 3.24 0.00	59.57 3.53 0.00	65.49 3.94 0.00	72.64 4.75 0.00	78.44 6.41 0.00	80.61 7.74 -0.57	83.96 8.46 0.00	93.83 9.89 -1.50	103.56 10.65 -0.35	97.44 8.69 -0.06	83.82 6.85 0.00	77.56 5.01 0.00	68.22 3.68 0.00	60.98 3.12 0.00	53.32 2.83 0.00
BURROWS___LYONSDAL 23803	57.76 2.22 0.00	52.86 1.98 0.00	48.27 1.59 0.00	44.39 1.33 0.00	44.15 1.37 0.00	47.66 1.57 0.00	54.16 1.93 0.00	55.65 2.09 0.00	55.96 1.89 0.00	58.67 1.87 0.00	57.61 1.57 0.00	63.09 1.54 0.00	69.52 1.63 0.00	73.75 1.73 0.00	74.04 1.74 0.00	77.24 1.74 0.00	83.76 1.32 0.00	94.51 1.94 0.00	92.24 3.55 0.00	80.28 3.31 0.00	75.67 3.12 0.00	67.12 2.58 0.00	60.00 2.14 0.00	52.16 1.67 0.00
CAITHNESS_CC_1 323624	58.81 3.28 0.00	54.49 3.61 -0.01	49.96 3.27 -0.01	45.99 2.93 -0.01	45.73 2.95 -0.01	49.51 3.41 -0.01	55.73 3.50 0.00	56.99 3.43 0.00	57.85 3.78 0.00	59.41 2.61 0.00	58.29 2.24 0.00	64.87 3.32 0.00	74.56 4.68 -2.00	124.39 6.62 -45.75	195.51 7.95 -115.25	217.57 8.53 -133.54	245.46 9.89 -153.14	248.75 10.92 -145.26	227.75 9.14 -129.92	222.49 7.32 -138.21	125.65 5.59 -47.51	115.94 3.81 -47.59	60.64 2.78 0.00	54.26 2.37 -1.39
CALPINE BETH_PAGE_GT4 24209	58.09 2.55 0.00	53.62 2.75 0.00	49.16 2.47 0.00	45.34 2.28 0.00	45.04 2.27 0.00	48.67 2.58 0.00	54.79 2.56 0.00	55.97 2.41 0.00	57.10 3.03 0.00	59.41 2.61 0.00	57.95 1.91 0.00	64.32 2.77 0.00	71.92 4.01 -0.03	79.87 5.91 -1.93	82.61 7.16 -3.15	85.66 7.85 -2.30	96.70 9.15 -5.11	104.72 9.91 -2.25	98.52 8.07 -1.76	85.09 6.31 -1.81	77.89 4.72 -0.62	68.20 3.03 -0.62	59.95 2.08 -0.01	52.43 1.92 -0.02
CALPINE_BETH_PAGE_GT_4 323586	58.04 2.50 0.00	53.58 2.69 -0.01	49.17 2.47 -0.01	45.34 2.28 -0.01	45.05 2.27 -0.01	48.68 2.58 -0.01	54.79 2.56 0.00	56.13 2.57 0.00	56.88 2.81 0.00	58.67 1.87 0.00	57.83 1.79 0.00	64.32 2.77 0.00	71.92 4.00 -0.03	79.87 5.91 -1.93	82.61 7.16 -3.15	85.66 7.85 -2.30	96.62 9.07 -5.11	104.74 9.91 -2.26	98.53 8.07 -1.77	85.25 6.47 -1.82	77.83 4.65 -0.63	68.20 3.03 -0.62	59.94 2.08 -0.01	52.28 1.77 -0.02
CALPINE_BP_GT1 23823	58.04 2.50 0.00	53.58 2.69 -0.01	49.17 2.47 -0.01	45.34 2.28 -0.01	45.05 2.27 -0.01	48.68 2.58 -0.01	54.79 2.56 0.00	56.13 2.57 0.00	56.88 2.81 0.00	58.67 1.87 0.00	57.83 1.79 0.00	64.32 2.77 0.00	71.92 4.00 -0.03	79.87 5.91 -1.93	82.61 7.16 -3.15	85.66 7.85 -2.30	96.62 9.07 -5.11	104.74 9.91 -2.26	98.53 8.07 -1.77	85.25 6.47 -1.82	77.83 4.65 -0.63	68.20 3.03 -0.62	59.94 2.08 -0.01	52.28 1.77 -0.02
CALSPAN___DRP 24200	55.76 0.22 0.00	50.72 -0.15 0.00	45.38 -1.31 0.00	41.72 -1.33 0.00	41.45 -1.33 0.00	44.62 -1.47 0.00	50.72 -1.51 0.00	52.43 -1.12 0.00	52.72 -1.35 0.00	56.63 -0.17 0.00	56.21 0.17 0.00	61.92 0.37 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.53 1.23 0.00	78.00 2.49 0.00	84.00 1.57 0.00	95.16 2.59 0.00	91.09 2.39 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.19 0.65 0.00	58.55 0.69 0.00	51.46 0.96 0.00

CALVERTON___SOLAR 323806	59.04 3.50 0.00	54.65 3.76 -0.01	50.06 3.36 -0.01	46.12 3.06 -0.01	45.87 3.08 -0.01	49.65 3.55 -0.01	55.89 3.65 0.00	57.15 3.59 0.00	58.07 4.00 0.00	59.64 2.84 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.13 5.23 -2.01	125.43 7.27 -46.13	197.12 8.60 -116.21	219.37 9.21 -134.66	247.49 10.64 -154.41	250.99 11.95 -146.48	229.81 10.11 -131.01	224.42 8.08 -139.37	126.77 6.31 -47.91	116.92 4.39 -47.99	61.04 3.18 -0.01	54.62 2.72 -1.40
CANDIGU_WT_PWR 323617	55.87 0.34 0.00	50.92 0.05 0.00	45.89 -0.79 0.00	42.28 -0.77 0.00	42.01 -0.77 0.00	45.26 -0.83 0.00	51.39 -0.84 0.00	52.81 -0.75 0.00	52.88 -1.19 0.00	56.12 -0.68 0.00	55.76 -0.28 0.00	61.18 -0.37 0.00	67.82 -0.07 0.00	72.39 0.36 0.00	72.81 0.51 0.00	76.93 1.43 0.00	83.51 1.07 0.00	94.24 1.67 0.00	90.64 1.95 0.00	79.50 2.54 0.00	73.93 1.38 0.00	65.44 0.90 0.00	58.50 0.64 0.00	51.45 0.96 0.00
CARR STREET_E_SYR 24060	54.65 -0.89 0.00	49.96 -0.91 0.00	45.66 -1.03 0.00	42.02 -1.03 0.00	41.75 -1.03 0.00	45.03 -1.06 0.00	51.13 -1.10 0.00	52.59 -0.96 0.00	53.10 -0.97 0.00	55.89 -0.91 0.00	55.26 -0.78 0.00	60.69 -0.86 0.00	67.14 -0.75 0.00	71.45 -0.58 0.00	71.94 -0.36 0.00	75.35 -0.15 0.00	82.03 -0.41 0.00	92.48 -0.09 0.00	88.69 0.00 0.00	77.20 0.23 0.00	72.34 -0.22 0.00	63.89 -0.65 0.00	57.10 -0.75 0.00	49.79 -0.71 0.00
CARTHAGE___PAPER 23857	58.59 3.05 0.00	53.62 2.75 0.00	48.93 2.24 0.00	44.95 1.89 0.00	44.70 1.93 0.00	48.30 2.21 0.00	55.00 2.77 0.00	56.45 2.89 0.00	56.50 2.44 0.00	59.24 2.44 0.00	57.95 1.91 0.00	63.27 1.72 0.00	69.58 1.70 0.00	73.54 1.51 0.00	73.53 1.23 0.00	76.64 1.13 0.00	82.94 0.50 0.00	93.87 1.30 0.00	92.33 3.64 0.00	80.74 3.77 0.00	76.54 3.99 0.00	67.96 3.42 0.00	60.81 2.95 0.00	52.77 2.27 0.00
CASSADAGA_WT_PWR 323784	57.09 1.55 0.00	51.94 1.07 0.00	46.36 -0.32 0.00	42.62 -0.43 0.00	42.43 -0.34 0.00	45.72 -0.37 0.00	52.13 -0.10 0.00	53.98 0.43 0.00	54.23 0.16 0.00	58.16 1.36 0.00	58.06 2.01 0.00	63.70 2.15 0.00	70.53 2.64 0.00	75.48 3.46 0.00	75.92 3.61 0.00	80.49 4.98 0.00	86.89 4.45 0.00	98.12 5.55 0.00	93.74 5.05 0.00	82.04 5.08 0.00	75.60 3.05 0.00	66.99 2.45 0.00	60.06 2.20 0.00	52.97 2.47 0.00
CE_DUNWOOD___DRP 24194	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.60 1.55 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.06 1.83 0.00	55.43 1.87 0.00	56.34 2.27 0.00	59.07 2.27 0.00	58.45 2.41 0.00	64.32 2.77 0.00	71.35 3.46 0.00	77.07 5.04 0.00	79.09 6.22 -0.57	82.38 6.87 0.00	91.85 7.91 -1.49	101.43 8.52 -0.35	95.49 6.74 -0.06	82.20 5.23 0.00	76.25 3.70 0.00	67.06 2.52 0.00	59.88 2.03 0.00	52.42 1.92 0.00
CE_MILLWOOD___DRP 24193	57.21 1.67 0.00	52.55 1.68 0.00	48.23 1.54 0.00	44.52 1.46 0.00	44.19 1.41 0.00	47.75 1.66 0.00	53.95 1.72 0.00	55.32 1.77 0.00	56.18 2.11 0.00	58.84 2.04 0.00	58.23 2.19 0.00	64.13 2.58 0.00	71.15 3.26 0.00	76.78 4.75 0.00	78.80 5.93 -0.57	82.07 6.57 0.00	91.51 7.58 -1.48	101.06 8.15 -0.34	95.22 6.47 -0.06	81.97 5.00 0.00	76.11 3.56 0.00	66.93 2.39 0.00	59.71 1.85 0.00	52.31 1.82 0.00
CE_NYC2_DRP 24202	57.43 1.89 0.00	52.91 2.03 0.00	48.83 2.15 0.00	45.03 1.98 0.00	44.75 1.97 0.00	48.30 2.21 0.00	54.32 2.09 0.00	55.59 2.04 0.00	56.56 2.49 0.00	59.13 2.33 0.00	58.96 2.91 0.00	62.47 2.58 1.67	65.48 3.19 5.60	71.71 4.83 5.14	78.88 6.00 -0.57	82.15 6.64 0.00	91.77 7.83 -1.50	101.25 8.33 -0.34	95.22 6.47 -0.05	67.91 4.93 13.98	65.41 3.34 10.48	61.85 2.26 4.94	59.71 1.85 0.00	52.97 2.47 0.00
CE_NYC_DRP 24195	57.65 2.11 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.77 2.70 0.00	59.47 2.67 0.00	59.01 2.97 0.00	64.81 3.26 0.00	71.89 4.01 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.06 7.55 0.00	92.76 8.82 -1.50	102.36 9.44 -0.35	96.20 7.45 -0.06	82.74 5.77 0.00	76.69 4.14 0.00	67.44 2.90 0.00	60.29 2.43 0.00	52.82 2.32 0.00
CHAFFEE___LFGE 323603	55.93 0.39 0.00	50.92 0.05 0.00	45.52 -1.17 0.00	41.80 -1.25 0.00	41.54 -1.24 0.00	44.75 -1.34 0.00	50.87 -1.36 0.00	52.65 -0.91 0.00	52.88 -1.19 0.00	56.80 0.00 0.00	56.72 0.67 0.00	62.16 0.62 0.00	68.77 0.88 0.00	73.47 1.44 0.00	73.97 1.66 0.00	78.45 2.94 0.00	84.74 2.31 0.00	95.72 3.15 0.00	91.53 2.84 0.00	79.96 3.00 0.00	73.71 1.16 0.00	65.44 0.90 0.00	58.73 0.87 0.00	51.81 1.31 0.00
CHATEAUG_35_KV_LOAD 355732	56.32 0.78 0.00	51.69 0.81 0.00	47.66 0.98 0.00	43.96 0.90 0.00	43.68 0.90 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.47 0.91 0.00	54.72 0.65 0.00	57.42 0.62 0.00	56.60 0.56 0.00	62.04 0.49 0.00	67.95 0.07 0.00	71.02 -1.01 0.00	70.50 -1.81 0.00	73.24 -2.27 0.00	79.88 -2.56 0.00	89.61 -2.96 0.00	86.83 -1.86 0.00	75.35 -1.62 0.00	72.19 -0.36 0.00	64.86 0.32 0.00	58.44 0.58 0.00	51.10 0.61 0.00
CHATEAUG_WT_PWR 323614	56.15 0.61 0.00	51.53 0.66 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.12 0.89 0.00	54.36 0.80 0.00	54.61 0.54 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.16 -0.86 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	86.83 -1.87 0.00	75.27 -1.69 0.00	72.05 -0.50 0.00	64.67 0.13 0.00	58.27 0.41 0.00	50.95 0.45 0.00
CHAT_HIGH_FALL_HYD 323578	56.32 0.78 0.00	51.69 0.81 0.00	47.66 0.98 0.00	43.96 0.90 0.00	43.68 0.90 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.47 0.91 0.00	54.72 0.65 0.00	57.42 0.62 0.00	56.60 0.56 0.00	62.04 0.49 0.00	67.95 0.07 0.00	71.02 -1.01 0.00	70.50 -1.81 0.00	73.24 -2.27 0.00	79.88 -2.56 0.00	89.61 -2.96 0.00	86.83 -1.86 0.00	75.35 -1.62 0.00	72.19 -0.36 0.00	64.86 0.32 0.00	58.44 0.58 0.00	51.10 0.61 0.00
CHAUTAUQUA___LFGE 323629	56.54 1.00 0.00	51.49 0.61 0.00	45.99 -0.70 0.00	42.28 -0.77 0.00	42.05 -0.73 0.00	45.31 -0.78 0.00	51.55 -0.68 0.00	53.34 -0.21 0.00	53.58 -0.49 0.00	57.48 0.68 0.00	57.33 1.29 0.00	62.90 1.35 0.00	69.65 1.76 0.00	74.48 2.45 0.00	74.90 2.60 0.00	79.35 3.85 0.00	85.82 3.38 0.00	96.83 4.26 0.00	92.59 3.90 0.00	81.04 4.08 0.00	74.66 2.11 0.00	66.28 1.74 0.00	59.42 1.56 0.00	52.46 1.97 0.00
CHERRYST_13_KV_LD 356241	57.82 2.28 0.00	53.21 2.34 0.00	48.83 2.15 0.00	45.03 1.98 0.00	44.75 1.97 0.00	48.35 2.26 0.00	54.63 2.40 0.00	56.07 2.52 0.00	57.04 2.97 0.00	59.81 3.01 0.00	59.35 3.31 0.00	65.24 3.69 0.00	72.30 4.41 0.00	78.15 6.12 0.00	80.25 7.38 -0.57	83.58 8.08 0.00	93.33 9.40 -1.50	103.01 10.09 -0.35	96.73 7.98 -0.06	83.20 6.23 0.00	77.05 4.50 0.00	67.77 3.23 0.00	60.58 2.72 0.00	53.02 2.52 0.00

CHESTROR_138KV_BK263 355645	56.87 1.33 0.00	52.20 1.32 0.00	47.85 1.17 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.33 1.24 0.00	53.54 1.31 0.00	54.84 1.29 0.00	55.64 1.57 0.00	58.33 1.53 0.00	57.61 1.57 0.00	63.45 1.91 0.00	70.40 2.51 0.00	75.77 3.75 0.00	77.47 4.70 -0.47	80.79 5.29 0.00	89.76 6.10 -1.23	99.52 6.67 -0.28	94.01 5.32 0.00	81.12 4.16 0.00	75.46 2.90 0.00	66.48 1.94 0.00	59.31 1.45 0.00	51.91 1.41 0.00
CH_MIDHUDSON___DRP 24192	57.32 1.78 0.00	52.55 1.68 0.00	48.23 1.54 0.00	44.47 1.42 0.00	44.19 1.41 0.00	47.70 1.61 0.00	54.01 1.78 0.00	55.32 1.77 0.00	56.12 2.05 0.00	58.79 1.99 0.00	58.06 2.02 0.00	63.95 2.40 0.00	70.94 3.05 0.00	76.42 4.39 0.00	78.27 5.50 -0.47	81.55 6.04 0.00	90.68 7.01 -1.23	100.54 7.68 -0.28	94.99 6.30 0.00	81.97 5.00 0.00	76.18 3.63 0.00	66.99 2.45 0.00	59.77 1.91 0.00	52.21 1.72 0.00
CH_MISC_IPPS 23765	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.44 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.64 2.09 0.00	56.44 2.38 0.00	59.13 2.33 0.00	58.34 2.30 0.00	64.38 2.83 0.00	71.48 3.60 0.00	76.93 4.90 0.00	78.73 6.00 -0.43	82.22 6.72 0.00	91.23 7.67 -1.13	101.34 8.51 -0.26	95.79 7.10 0.00	82.74 5.78 0.00	76.76 4.21 0.00	67.51 2.97 0.00	60.18 2.32 0.00	52.57 2.07 0.00
CH_RES_BVR_FALLS 23983	55.59 0.06 0.00	50.98 0.10 0.00	46.87 0.19 0.00	43.23 0.17 0.00	42.95 0.17 0.00	46.28 0.19 0.00	52.44 0.21 0.00	53.72 0.16 0.00	54.18 0.11 0.00	56.91 0.11 0.00	56.10 0.06 0.00	61.55 0.00 0.00	67.34 -0.55 0.00	71.02 -1.01 0.00	71.00 -1.30 0.00	73.99 -1.51 0.00	80.70 -1.74 0.00	90.62 -1.95 0.00	87.00 -1.69 0.00	75.43 -1.54 0.00	71.54 -1.02 0.00	64.28 -0.26 0.00	57.74 -0.12 0.00	50.45 -0.05 0.00
CH_RES_NIAGARA 23895	53.76 -1.78 0.00	49.04 -1.83 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.05 -3.04 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.70 -2.10 0.00	54.30 -1.74 0.00	59.76 -1.78 0.00	65.85 -2.04 0.00	70.08 -1.94 0.00	70.50 -1.81 0.00	74.75 -0.76 0.00	80.62 -1.81 0.00	91.27 -1.30 0.00	87.27 -1.42 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	50.19 -0.30 0.00
CH_RES_SYRACUSE 23985	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.23 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.39 -0.84 0.00	52.92 -0.64 0.00	53.36 -0.70 0.00	56.12 -0.68 0.00	55.48 -0.56 0.00	60.81 -0.74 0.00	67.34 -0.55 0.00	71.67 -0.36 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.27 -0.16 0.00	92.76 0.19 0.00	89.05 0.36 0.00	77.51 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
CLINTON_WT_PWR 323605	56.15 0.61 0.00	51.53 0.66 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.12 0.89 0.00	54.36 0.80 0.00	54.61 0.54 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.16 -0.86 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	86.83 -1.87 0.00	75.27 -1.69 0.00	72.05 -0.50 0.00	64.67 0.13 0.00	58.27 0.41 0.00	50.95 0.45 0.00
CLINTON___LFGE 323618	56.76 1.22 0.00	52.04 1.17 0.00	48.13 1.45 0.00	44.34 1.29 0.00	44.10 1.33 0.00	47.52 1.43 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.09 1.02 0.00	57.93 1.14 0.00	57.10 1.06 0.00	62.53 0.98 0.00	68.64 0.75 0.00	71.74 -0.29 0.00	71.22 -1.08 0.00	73.99 -1.51 0.00	80.62 -1.81 0.00	90.35 -2.22 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	72.99 0.44 0.00	65.32 0.78 0.00	58.84 0.98 0.00	51.45 0.96 0.00
COBBLENY_34_KV_TB1 80064	55.87 0.33 0.00	50.82 -0.05 0.00	45.52 -1.17 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.71 -1.38 0.00	50.87 -1.36 0.00	52.65 -0.91 0.00	52.88 -1.19 0.00	56.80 0.00 0.00	56.38 0.34 0.00	62.16 0.62 0.00	68.77 0.88 0.00	73.47 1.44 0.00	73.89 1.59 0.00	78.45 2.94 0.00	84.50 2.06 0.00	95.72 3.15 0.00	91.62 2.93 0.00	80.04 3.08 0.00	73.71 1.16 0.00	65.44 0.90 0.00	58.73 0.87 0.00	51.61 1.11 0.00
COFFEEN___115KV_TB3 355620	59.37 3.83 0.00	54.23 3.36 0.00	49.35 2.66 0.00	45.29 2.24 0.00	45.04 2.27 0.00	48.72 2.63 0.00	55.52 3.29 0.00	57.04 3.48 0.00	57.04 2.97 0.00	59.86 3.07 0.00	58.51 2.47 0.00	63.82 2.28 0.00	70.33 2.44 0.00	74.40 2.38 0.00	74.40 2.10 0.00	77.77 2.27 0.00	84.17 1.73 0.00	95.63 3.05 0.00	94.19 5.50 0.00	82.51 5.54 0.00	78.07 5.51 0.00	69.12 4.58 0.00	61.68 3.82 0.00	53.43 2.93 0.00
COLDSPRG_115KV_BK1 355956	56.82 1.28 0.00	51.64 0.76 0.00	46.17 -0.51 0.00	42.49 -0.56 0.00	42.31 -0.47 0.00	45.54 -0.55 0.00	51.97 -0.26 0.00	53.77 0.21 0.00	54.07 0.00 0.00	57.93 1.14 0.00	57.50 1.46 0.00	63.45 1.91 0.00	70.40 2.51 0.00	75.34 3.31 0.00	75.77 3.47 0.00	80.34 4.83 0.00	86.40 3.96 0.00	97.94 5.37 0.00	93.57 4.88 0.00	81.89 4.93 0.00	75.38 2.83 0.00	66.73 2.19 0.00	59.83 1.97 0.00	52.67 2.17 0.00
COLONIE_LFGE___ 323577	56.82 1.28 0.00	51.99 1.12 0.00	47.80 1.12 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.34 1.24 0.00	53.59 1.36 0.00	55.00 1.45 0.00	55.64 1.57 0.00	58.27 1.47 0.00	57.27 1.23 0.00	62.96 1.42 0.00	69.65 1.76 0.00	74.69 2.67 0.00	79.93 3.54 -4.08	79.22 3.70 -0.02	97.50 4.37 -10.70	99.94 4.90 -2.47	94.21 4.61 -0.91	86.86 3.85 -6.05	75.38 2.83 0.00	66.47 1.93 0.00	59.31 1.45 0.00	51.56 1.06 0.00
COOPERNY_115KV_TB1 80082	56.48 0.94 0.00	51.79 0.92 0.00	47.48 0.79 0.00	43.83 0.77 0.00	43.55 0.77 0.00	46.97 0.88 0.00	53.12 0.89 0.00	54.47 0.91 0.00	55.15 1.08 0.00	57.88 1.08 0.00	57.16 1.12 0.00	62.90 1.35 0.00	69.72 1.83 0.00	74.83 2.81 0.00	76.05 3.47 -0.27	79.43 3.93 0.00	87.61 4.45 -0.72	97.64 4.91 -0.17	92.59 3.90 0.00	80.12 3.16 0.00	74.73 2.18 0.00	65.96 1.42 0.00	58.90 1.04 0.00	51.51 1.01 0.00
COPENHAGEN_WT_PWR 323753	58.54 3.00 0.00	53.52 2.64 0.00	48.74 2.05 0.00	44.78 1.72 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.79 2.56 0.00	56.29 2.73 0.00	56.39 2.32 0.00	59.13 2.33 0.00	57.95 1.91 0.00	63.21 1.66 0.00	69.65 1.76 0.00	73.75 1.73 0.00	73.82 1.52 0.00	77.16 1.66 0.00	83.51 1.07 0.00	94.70 2.13 0.00	92.86 4.17 0.00	81.27 4.31 0.00	76.83 4.28 0.00	68.09 3.55 0.00	60.81 2.95 0.00	52.72 2.22 0.00
CORNELL_____ 23752	56.65 1.11 0.00	51.69 0.81 0.00	47.15 0.47 0.00	43.40 0.34 0.00	43.08 0.30 0.00	46.51 0.41 0.00	52.86 0.63 0.00	54.36 0.80 0.00	54.66 0.59 0.00	57.42 0.62 0.00	56.71 0.67 0.00	62.22 0.68 0.00	68.91 1.02 0.00	73.39 1.37 0.00	73.89 1.59 0.00	77.54 2.04 0.00	84.42 1.98 0.00	95.53 2.96 0.00	91.97 3.28 0.00	80.28 3.31 0.00	75.24 2.68 0.00	66.35 1.81 0.00	59.19 1.33 0.00	51.61 1.11 0.00

CORONAAV_69_KV_TB1 355595	58.76 3.22 0.00	54.08 3.21 0.00	49.58 2.89 0.00	45.77 2.71 0.00	45.43 2.65 0.00	49.04 2.95 0.00	55.26 3.03 0.00	56.45 2.89 0.00	57.53 3.46 0.00	59.98 3.18 0.00	58.84 2.80 0.00	65.24 3.69 0.00	72.84 4.96 0.00	85.33 6.84 -6.46	86.10 8.03 -5.77	86.91 8.76 -2.64	101.79 9.98 -9.38	103.84 10.92 -0.35	97.80 9.05 -0.06	84.28 7.31 0.00	78.21 5.66 0.00	68.48 3.94 0.00	60.86 2.95 -0.05	53.07 2.58 0.00
CORTLAND_115KV_TB3 80093	56.09 0.56 0.00	51.23 0.36 0.00	46.78 0.09 0.00	43.05 0.00 0.00	42.78 0.00 0.00	46.18 0.09 0.00	52.44 0.21 0.00	53.93 0.37 0.00	54.28 0.22 0.00	57.08 0.28 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.57 0.68 0.00	73.03 1.01 0.00	73.61 1.30 0.00	77.09 1.59 0.00	84.00 1.57 0.00	94.79 2.22 0.00	91.09 2.39 0.00	79.35 2.39 0.00	74.37 1.81 0.00	65.64 1.10 0.00	58.61 0.75 0.00	51.10 0.61 0.00
COXSACKIE___GT 23611	57.87 2.33 0.00	52.81 1.93 0.00	48.41 1.73 0.00	44.52 1.46 0.00	44.23 1.46 0.00	47.80 1.71 0.00	54.42 2.19 0.00	55.27 1.71 0.00	55.42 1.35 0.00	57.65 0.85 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.57 0.68 0.00	73.39 1.37 0.00	69.92 3.11 5.49	78.20 2.71 0.02	72.67 4.61 14.38	95.18 5.93 3.32	93.88 6.21 1.01	80.41 5.31 1.86	76.47 3.92 0.00	67.31 2.77 0.00	59.88 2.02 0.00	51.91 1.41 0.00
CPV_VALLEY___CC1 323721	56.43 0.89 0.00	51.74 0.86 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.55 0.77 0.00	46.96 0.87 0.00	53.17 0.94 0.00	54.47 0.91 0.00	55.26 1.19 0.00	57.93 1.14 0.00	57.16 1.12 0.00	62.96 1.42 0.00	69.86 1.97 0.00	75.12 3.09 0.00	76.76 4.05 -0.41	80.04 4.53 0.00	88.71 5.20 -1.08	98.47 5.65 -0.25	93.12 4.43 0.00	80.43 3.47 0.00	74.80 2.25 0.00	65.90 1.36 0.00	58.84 0.98 0.00	51.51 1.01 0.00
CPV_VALLEY___CC2 323722	56.43 0.89 0.00	51.74 0.86 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.55 0.77 0.00	46.96 0.87 0.00	53.17 0.94 0.00	54.47 0.91 0.00	55.26 1.19 0.00	57.93 1.14 0.00	57.16 1.12 0.00	62.96 1.42 0.00	69.86 1.97 0.00	75.12 3.09 0.00	76.76 4.05 -0.41	80.04 4.53 0.00	88.71 5.20 -1.08	98.47 5.65 -0.25	93.12 4.43 0.00	80.43 3.47 0.00	74.80 2.25 0.00	65.90 1.36 0.00	58.84 0.98 0.00	51.51 1.01 0.00
CRESCENT___HYD 24018	56.82 1.28 0.00	51.99 1.12 0.00	47.80 1.12 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.34 1.24 0.00	53.59 1.36 0.00	55.00 1.45 0.00	55.64 1.57 0.00	58.27 1.47 0.00	57.27 1.23 0.00	62.96 1.42 0.00	69.65 1.76 0.00	74.69 2.67 0.00	79.93 3.54 -4.08	79.22 3.70 -0.02	97.50 4.37 -10.70	99.94 4.90 -2.47	94.21 4.61 -0.91	86.86 3.85 -6.05	75.38 2.83 0.00	66.47 1.93 0.00	59.31 1.45 0.00	51.56 1.06 0.00
CRICKET___VALLEY_CC1 323756	56.43 0.89 0.00	51.79 0.92 0.00	47.57 0.88 0.00	43.91 0.86 0.00	43.63 0.86 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.68 1.13 0.00	55.47 1.40 0.00	58.11 1.31 0.00	57.27 1.23 0.00	63.09 1.54 0.00	69.99 2.11 0.00	75.34 3.31 0.00	77.57 4.48 -0.78	80.34 4.84 0.00	90.18 5.68 -2.06	99.25 6.20 -0.47	93.68 4.87 -0.11	80.81 3.85 0.00	75.02 2.47 0.00	65.96 1.42 0.00	58.90 1.04 0.00	51.35 0.86 0.00
CRICKET___VALLEY_CC2 323757	56.43 0.89 0.00	51.79 0.92 0.00	47.57 0.88 0.00	43.91 0.86 0.00	43.63 0.86 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.68 1.13 0.00	55.47 1.40 0.00	58.11 1.31 0.00	57.27 1.23 0.00	63.09 1.54 0.00	69.99 2.11 0.00	75.34 3.31 0.00	77.57 4.48 -0.78	80.34 4.84 0.00	90.18 5.68 -2.06	99.25 6.20 -0.47	93.68 4.87 -0.11	80.81 3.85 0.00	75.02 2.47 0.00	65.96 1.42 0.00	58.90 1.04 0.00	51.35 0.86 0.00
CRICKET___VALLEY_CC3 323758	56.43 0.89 0.00	51.79 0.92 0.00	47.57 0.88 0.00	43.91 0.86 0.00	43.63 0.86 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.68 1.13 0.00	55.47 1.40 0.00	58.11 1.31 0.00	57.27 1.23 0.00	63.09 1.54 0.00	69.99 2.11 0.00	75.34 3.31 0.00	77.57 4.48 -0.78	80.34 4.84 0.00	90.18 5.68 -2.06	99.25 6.20 -0.47	93.68 4.87 -0.11	80.81 3.85 0.00	75.02 2.47 0.00	65.96 1.42 0.00	58.90 1.04 0.00	51.35 0.86 0.00
CRUCIBLE_METL_DRP 24180	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
DAHOWA___HYDRO 323763	57.87 2.33 0.00	52.91 2.04 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.58 2.35 0.00	55.97 2.41 0.00	56.50 2.44 0.00	59.07 2.27 0.00	57.78 1.74 0.00	63.33 1.79 0.00	69.99 2.11 0.00	75.12 3.09 0.00	78.74 3.76 -2.67	79.51 4.00 -0.01	94.31 4.86 -7.01	99.84 5.65 -1.62	95.51 6.21 -0.61	85.53 5.47 -3.09	77.20 4.65 0.00	67.89 3.35 0.00	60.46 2.61 0.00	52.57 2.07 0.00
DANC___LFGE 323619	56.98 1.44 0.00	52.09 1.22 0.00	47.53 0.84 0.00	43.66 0.60 0.00	43.42 0.64 0.00	46.87 0.78 0.00	53.33 1.10 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.76 0.96 0.00	56.77 0.73 0.00	62.10 0.55 0.00	68.50 0.61 0.00	72.67 0.65 0.00	72.88 0.58 0.00	76.26 0.75 0.00	82.60 0.17 0.00	93.40 0.83 0.00	90.91 2.22 0.00	79.43 2.46 0.00	74.87 2.32 0.00	66.34 1.80 0.00	59.31 1.45 0.00	51.51 1.01 0.00
DANSKAMMER___1 23586	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.44 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.64 2.09 0.00	56.44 2.38 0.00	59.13 2.33 0.00	58.34 2.30 0.00	64.38 2.83 0.00	71.48 3.60 0.00	76.93 4.90 0.00	78.73 6.00 -0.43	82.22 6.72 0.00	91.23 7.67 -1.13	101.34 8.51 -0.26	95.79 7.10 0.00	82.74 5.78 0.00	76.76 4.21 0.00	67.51 2.97 0.00	60.18 2.32 0.00	52.57 2.07 0.00
DANSKAMMER___2 23589	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.44 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.64 2.09 0.00	56.44 2.38 0.00	59.13 2.33 0.00	58.34 2.30 0.00	64.38 2.83 0.00	71.48 3.60 0.00	76.93 4.90 0.00	78.73 6.00 -0.43	82.22 6.72 0.00	91.23 7.67 -1.13	101.34 8.51 -0.26	95.79 7.10 0.00	82.74 5.78 0.00	76.76 4.21 0.00	67.51 2.97 0.00	60.18 2.32 0.00	52.57 2.07 0.00
DANSKAMMER___3 23590	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.44 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.64 2.09 0.00	56.44 2.38 0.00	59.13 2.33 0.00	58.34 2.30 0.00	64.38 2.83 0.00	71.48 3.60 0.00	76.93 4.90 0.00	78.73 6.00 -0.43	82.22 6.72 0.00	91.23 7.67 -1.13	101.34 8.51 -0.26	95.79 7.10 0.00	82.74 5.78 0.00	76.76 4.21 0.00	67.51 2.97 0.00	60.18 2.32 0.00	52.57 2.07 0.00

DANSKAMMER___4 23591	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.44 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.64 2.09 0.00	56.44 2.38 0.00	59.13 2.33 0.00	58.34 2.30 0.00	64.38 2.83 0.00	71.48 3.60 0.00	76.93 4.90 0.00	78.73 6.00 -0.43	82.22 6.72 0.00	91.23 7.67 -1.13	101.34 8.51 -0.26	95.79 7.10 0.00	82.74 5.78 0.00	76.76 4.21 0.00	67.51 2.97 0.00	60.18 2.32 0.00	52.57 2.07 0.00
DANSKAMMER___DIESEL 23592	57.76 2.22 0.00	52.96 2.09 0.00	48.55 1.87 0.00	44.73 1.68 0.00	44.45 1.67 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.65 2.09 0.00	56.45 2.38 0.00	59.13 2.33 0.00	58.40 2.35 0.00	64.38 2.83 0.00	71.49 3.60 0.00	76.92 4.90 0.00	78.74 6.00 -0.43	82.23 6.72 0.00	91.31 7.75 -1.13	101.35 8.52 -0.26	95.79 7.10 0.00	82.74 5.77 0.00	76.83 4.28 0.00	67.51 2.97 0.00	60.17 2.31 0.00	52.57 2.07 0.00
DARBY___SOLAR 323810	57.65 2.11 0.00	52.70 1.83 0.00	48.36 1.68 0.00	44.60 1.55 0.00	44.36 1.58 0.00	47.94 1.85 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.29 2.22 0.00	58.84 2.04 0.00	57.56 1.51 0.00	63.14 1.60 0.00	69.79 1.90 0.00	74.91 2.88 0.00	78.77 3.61 -2.85	79.36 3.85 -0.01	94.61 4.70 -7.48	99.76 5.46 -1.73	95.19 5.85 -0.65	85.53 5.08 -3.48	76.76 4.21 0.00	67.57 3.03 0.00	60.18 2.32 0.00	52.37 1.87 0.00
DASHVILLE___HYD 23610	57.15 1.61 0.00	52.35 1.48 0.00	48.09 1.40 0.00	44.30 1.25 0.00	43.98 1.20 0.00	47.43 1.34 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.58 1.51 0.00	58.16 1.36 0.00	57.44 1.40 0.00	63.33 1.78 0.00	70.26 2.38 0.00	75.63 3.60 0.00	76.85 5.50 0.95	80.86 5.36 0.00	87.04 7.09 2.49	99.86 7.87 0.57	94.96 6.47 0.21	81.87 5.31 0.40	75.60 3.05 0.00	66.54 2.00 0.00	59.36 1.50 0.00	51.96 1.46 0.00
DELAWARE___LFGE 323621	56.76 1.22 0.00	51.94 1.07 0.00	47.66 0.98 0.00	44.00 0.95 0.00	43.72 0.94 0.00	47.10 1.01 0.00	53.33 1.10 0.00	54.68 1.12 0.00	55.26 1.19 0.00	58.05 1.25 0.00	57.22 1.18 0.00	62.90 1.35 0.00	69.65 1.77 0.00	74.47 2.45 0.00	75.27 2.96 0.00	78.75 3.25 0.00	85.98 3.54 0.00	96.55 3.98 0.00	92.42 3.73 0.00	80.20 3.23 0.00	75.09 2.54 0.00	66.28 1.74 0.00	59.19 1.33 0.00	51.66 1.16 0.00
DERFIELD_115KV_TB7 355931	55.59 0.06 0.00	50.92 0.05 0.00	46.73 0.05 0.00	43.10 0.04 0.00	42.82 0.04 0.00	46.18 0.09 0.00	52.28 0.05 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.91 0.11 0.00	56.10 0.06 0.00	61.61 0.06 0.00	68.02 0.14 0.00	72.46 0.43 0.00	72.95 0.65 0.00	76.18 0.68 0.00	83.26 0.82 0.00	93.50 0.93 0.00	89.49 0.80 0.00	77.66 0.69 0.00	72.99 0.44 0.00	64.73 0.19 0.00	57.92 0.06 0.00	50.55 0.05 0.00
DOGLEVILLE___HYD 23807	55.98 0.44 0.00	51.23 0.36 0.00	46.96 0.28 0.00	43.31 0.26 0.00	43.08 0.30 0.00	46.46 0.37 0.00	52.65 0.42 0.00	54.04 0.48 0.00	54.50 0.43 0.00	57.25 0.45 0.00	56.43 0.39 0.00	61.98 0.43 0.00	68.43 0.54 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.35 0.91 0.00	93.50 0.93 0.00	89.76 1.06 0.00	77.81 0.85 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.21 0.35 0.00	50.70 0.20 0.00
DUNKIRK__115KV_TB_200 55889	56.37 0.83 0.00	51.28 0.41 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.17 -0.92 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.42 -0.65 0.00	57.31 0.51 0.00	56.88 0.84 0.00	62.78 1.23 0.00	69.52 1.63 0.00	74.26 2.23 0.00	74.69 2.39 0.00	79.20 3.70 0.00	85.32 2.89 0.00	96.64 4.07 0.00	92.42 3.73 0.00	80.89 3.93 0.00	74.51 1.96 0.00	66.15 1.61 0.00	59.31 1.45 0.00	52.16 1.67 0.00
DUNKIRK___1 23563	56.37 0.83 0.00	51.28 0.41 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.17 -0.92 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.42 -0.65 0.00	57.31 0.51 0.00	56.88 0.84 0.00	62.78 1.23 0.00	69.52 1.63 0.00	74.26 2.23 0.00	74.69 2.39 0.00	79.20 3.70 0.00	85.32 2.89 0.00	96.64 4.07 0.00	92.42 3.73 0.00	80.89 3.93 0.00	74.51 1.96 0.00	66.15 1.61 0.00	59.31 1.45 0.00	52.16 1.67 0.00
DUNKIRK___2 23564	56.37 0.83 0.00	51.28 0.41 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.17 -0.92 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.42 -0.65 0.00	57.31 0.51 0.00	56.88 0.84 0.00	62.78 1.23 0.00	69.52 1.63 0.00	74.26 2.23 0.00	74.69 2.39 0.00	79.20 3.70 0.00	85.32 2.89 0.00	96.64 4.07 0.00	92.42 3.73 0.00	80.89 3.93 0.00	74.51 1.96 0.00	66.15 1.61 0.00	59.31 1.45 0.00	52.16 1.67 0.00
DUNKIRK___3 23565	56.04 0.50 0.00	50.98 0.10 0.00	45.61 -1.07 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	44.89 -1.20 0.00	51.08 -1.15 0.00	52.75 -0.80 0.00	53.04 -1.03 0.00	56.85 0.06 0.00	56.43 0.39 0.00	62.29 0.74 0.00	68.97 1.09 0.00	73.68 1.66 0.00	74.11 1.81 0.00	78.52 3.02 0.00	84.66 2.23 0.00	95.90 3.33 0.00	91.71 3.02 0.00	80.20 3.23 0.00	73.86 1.31 0.00	65.57 1.03 0.00	58.84 0.98 0.00	51.76 1.26 0.00
DUNKIRK___4 23566	56.04 0.50 0.00	50.98 0.10 0.00	45.61 -1.07 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	44.89 -1.20 0.00	51.08 -1.15 0.00	52.75 -0.80 0.00	53.04 -1.03 0.00	56.85 0.06 0.00	56.43 0.39 0.00	62.29 0.74 0.00	68.97 1.09 0.00	73.68 1.66 0.00	74.11 1.81 0.00	78.52 3.02 0.00	84.66 2.23 0.00	95.90 3.33 0.00	91.71 3.02 0.00	80.20 3.23 0.00	73.86 1.31 0.00	65.57 1.03 0.00	58.84 0.98 0.00	51.76 1.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	57.48 1.94 0.00	52.81 1.93 0.00	48.46 1.77 0.00	44.73 1.68 0.00	44.40 1.63 0.00	47.98 1.89 0.00	54.22 1.98 0.00	55.59 2.04 0.00	56.50 2.43 0.00	59.18 2.39 0.00	58.62 2.58 0.00	64.50 2.95 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.31 6.44 -0.57	82.60 7.10 0.00	92.18 8.24 -1.50	101.80 8.89 -0.35	95.84 7.10 -0.06	82.09 5.46 0.34	75.95 3.92 0.52	66.85 2.71 0.40	60.00 2.14 0.00	52.57 2.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	57.26 1.72 0.00	52.55 1.68 0.00	48.18 1.49 0.00	44.43 1.38 0.00	44.10 1.33 0.00	47.61 1.52 0.00	53.90 1.67 0.00	55.22 1.66 0.00	55.96 1.89 0.00	58.67 1.87 0.00	57.95 1.91 0.00	63.82 2.28 0.00	70.87 2.99 0.00	76.27 4.25 0.00	78.04 5.35 -0.38	81.39 5.89 0.00	90.28 6.84 -1.00	100.39 7.59 -0.23	94.81 6.12 0.00	81.89 4.93 0.00	76.11 3.56 0.00	66.93 2.39 0.00	59.71 1.85 0.00	52.21 1.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	57.55 2.00 -0.01	53.02 2.14 -0.01	48.97 2.29 0.00	45.12 2.07 0.00	44.83 2.05 0.00	48.44 2.35 0.00	54.43 2.19 -0.01	55.70 2.14 0.00	56.61 2.54 0.00	59.13 2.33 0.00	58.96 2.91 -0.01	64.20 2.65 -0.01	71.15 3.26 -0.01	76.86 4.83 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.32 5.00 0.65	74.97 3.41 1.00	66.10 2.32 0.76	59.78 1.91 -0.01	53.07 2.58 0.00

E179THST_13_KV_LOAD 356214	57.94 2.39 -0.01	53.37 2.49 -0.01	49.25 2.57 0.00	45.38 2.32 0.00	45.09 2.31 0.00	48.72 2.63 0.00	54.75 2.51 -0.01	56.07 2.52 0.00	56.99 2.92 0.00	59.52 2.73 0.00	59.41 3.36 -0.01	64.69 3.14 -0.01	71.70 3.80 -0.01	77.51 5.47 -0.01	79.62 6.72 -0.59	82.85 7.32 -0.02	92.60 8.66 -1.51	102.28 9.35 -0.36	96.21 7.45 -0.07	82.01 5.70 0.65	75.62 4.06 1.00	66.68 2.90 0.76	60.30 2.43 -0.01	53.48 2.98 0.00
EAST HAMPTON___GT 23717	60.26 4.72 0.00	55.77 4.88 -0.01	51.08 4.39 -0.01	47.02 3.96 -0.01	46.81 4.02 -0.01	50.89 4.79 -0.01	57.09 4.86 0.00	58.81 5.25 0.00	60.23 6.16 0.00	62.31 5.51 0.00	61.59 5.55 0.00	68.74 7.20 0.00	79.28 9.37 -2.02	130.35 12.03 -46.29	202.52 13.59 -116.63	224.08 13.44 -135.14	252.89 15.49 -154.96	256.87 17.31 -147.00	235.34 15.16 -131.48	228.84 12.00 -139.87	131.59 10.96 -48.08	121.03 8.33 -48.16	64.23 6.36 -0.01	57.25 5.35 -1.41
EAST RIVER___6 23660	57.70 2.16 0.00	53.06 2.19 0.00	48.74 2.05 0.00	44.95 1.89 0.00	44.62 1.84 0.00	48.12 2.03 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.82 2.76 0.00	59.64 2.84 0.00	59.12 3.08 0.00	64.99 3.44 0.00	72.17 4.28 0.00	77.86 5.83 0.00	80.04 7.16 -0.57	83.28 7.78 0.00	92.92 8.99 -1.50	102.54 9.63 -0.35	96.38 7.63 -0.06	83.04 6.08 0.00	76.83 4.28 0.00	67.57 3.03 0.00	60.52 2.66 0.00	52.92 2.42 0.00
EAST RIVER___7 23524	57.70 2.16 0.00	53.06 2.19 0.00	48.74 2.05 0.00	44.95 1.89 0.00	44.62 1.84 0.00	48.12 2.03 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.82 2.76 0.00	59.64 2.84 0.00	59.12 3.08 0.00	64.99 3.44 0.00	72.17 4.28 0.00	77.86 5.83 0.00	80.04 7.16 -0.57	83.28 7.78 0.00	92.92 8.99 -1.50	102.54 9.63 -0.35	96.38 7.63 -0.06	83.04 6.08 0.00	76.83 4.28 0.00	67.57 3.03 0.00	60.52 2.66 0.00	52.92 2.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.60 1.55 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.06 1.83 0.00	55.43 1.87 0.00	56.34 2.27 0.00	59.07 2.27 0.00	58.45 2.41 0.00	64.32 2.77 0.00	71.35 3.46 0.00	77.07 5.04 0.00	79.09 6.22 -0.57	82.38 6.87 0.00	91.85 7.91 -1.49	101.43 8.52 -0.35	95.49 6.74 -0.06	82.20 5.23 0.00	76.25 3.70 0.00	67.06 2.52 0.00	59.88 2.03 0.00	52.42 1.92 0.00
EAST_HAMPTON___DIESEL 23722	60.20 4.67 0.00	55.72 4.84 -0.01	51.03 4.34 -0.01	46.98 3.92 -0.01	46.76 3.98 -0.01	50.85 4.75 -0.01	57.03 4.80 0.00	58.75 5.19 0.00	60.23 6.16 0.00	62.31 5.51 0.00	61.54 5.50 0.00	68.74 7.20 0.00	79.28 9.37 -2.02	130.35 12.03 -46.29	202.52 13.59 -116.62	224.08 13.44 -135.14	252.98 15.59 -154.95	256.96 17.40 -147.00	235.43 15.26 -131.48	228.92 12.08 -139.87	131.59 10.96 -48.08	121.03 8.33 -48.16	64.23 6.36 -0.01	57.31 5.41 -1.41
EAST_POINT___SOLAR 323840	59.71 4.17 0.00	54.49 3.61 0.00	49.90 3.22 0.00	45.98 2.93 0.00	45.77 2.99 0.00	49.64 3.55 0.00	56.31 4.08 0.00	57.15 3.59 0.00	56.44 2.38 0.00	57.82 1.02 0.00	56.27 0.23 0.00	61.55 0.00 0.00	68.16 0.27 0.00	73.11 1.08 0.00	75.29 1.81 -1.18	78.00 2.49 0.00	89.16 3.62 -3.10	98.65 5.37 -0.72	96.16 7.18 -0.29	84.59 7.62 0.00	79.81 7.25 0.00	70.28 5.74 0.00	62.37 4.52 0.00	54.33 3.84 0.00
EAST_PULASKI___ESR 323781	55.43 -0.11 0.00	50.62 -0.25 0.00	46.26 -0.42 0.00	42.58 -0.47 0.00	42.31 -0.47 0.00	45.67 -0.42 0.00	51.87 -0.36 0.00	53.29 -0.27 0.00	53.63 -0.43 0.00	56.40 -0.39 0.00	55.59 -0.45 0.00	60.87 -0.68 0.00	67.27 -0.61 0.00	71.52 -0.50 0.00	71.87 -0.43 0.00	75.28 -0.23 0.00	81.69 -0.74 0.00	92.20 -0.37 0.00	89.05 0.36 0.00	77.66 0.69 0.00	72.99 0.44 0.00	64.60 0.06 0.00	57.80 -0.06 0.00	50.30 -0.20 0.00
EAST_RIVER___1 323558	57.60 2.06 0.00	52.96 2.09 0.00	48.69 2.01 0.00	44.90 1.85 0.00	44.57 1.80 0.00	48.12 2.03 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.77 2.70 0.00	59.52 2.73 0.00	58.90 2.86 0.00	64.81 3.26 0.00	71.89 4.00 0.00	77.65 5.62 0.00	79.82 6.94 -0.57	83.06 7.55 0.00	92.76 8.83 -1.50	102.36 9.45 -0.35	96.28 7.53 -0.06	82.89 5.93 0.00	76.61 4.06 0.00	67.45 2.91 0.00	60.29 2.43 0.00	52.77 2.27 0.00
EAST_RIVER___2 323559	57.70 2.16 0.00	53.06 2.19 0.00	48.74 2.05 0.00	44.95 1.89 0.00	44.62 1.84 0.00	48.12 2.03 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.82 2.76 0.00	59.64 2.84 0.00	59.12 3.08 0.00	64.99 3.44 0.00	72.17 4.28 0.00	77.86 5.83 0.00	80.04 7.16 -0.57	83.28 7.78 0.00	92.92 8.99 -1.50	102.54 9.63 -0.35	96.38 7.63 -0.06	83.04 6.08 0.00	76.83 4.28 0.00	67.57 3.03 0.00	60.52 2.66 0.00	52.92 2.42 0.00
EAST___DELAWARE_HYD 23607	57.43 1.89 0.00	52.55 1.68 0.00	48.18 1.49 0.00	44.34 1.29 0.00	44.06 1.28 0.00	47.56 1.47 0.00	53.90 1.67 0.00	55.22 1.66 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.78 1.74 0.00	63.70 2.15 0.00	70.67 2.78 0.00	75.98 3.96 0.00	77.29 4.99 0.00	81.09 5.59 0.00	88.87 6.43 0.00	99.88 7.31 0.00	94.99 6.30 0.00	82.20 5.24 0.00	76.40 3.84 0.00	67.25 2.71 0.00	59.88 2.02 0.00	52.26 1.77 0.00
EIGHT_POINT___WT_PWR 323820	56.59 1.05 0.00	51.53 0.66 0.00	46.41 -0.28 0.00	42.71 -0.35 0.00	42.43 -0.34 0.00	45.82 -0.27 0.00	52.07 -0.16 0.00	53.56 0.00 0.00	53.47 -0.59 0.00	56.68 -0.11 0.00	56.38 0.34 0.00	61.79 0.25 0.00	68.50 0.61 0.00	72.96 0.93 0.00	73.46 1.15 0.00	77.69 2.19 0.00	84.25 1.81 0.00	95.26 2.69 0.00	91.88 3.19 0.00	80.74 3.77 0.00	75.16 2.61 0.00	66.41 1.87 0.00	59.36 1.50 0.00	52.16 1.66 0.00
ELBRIDGE_115KV_TB2 80188	54.93 -0.61 0.00	50.16 -0.71 0.00	45.84 -0.84 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.21 -0.88 0.00	51.29 -0.94 0.00	52.81 -0.75 0.00	53.20 -0.87 0.00	56.00 -0.80 0.00	55.37 -0.67 0.00	60.81 -0.74 0.00	67.28 -0.61 0.00	71.67 -0.36 0.00	72.09 -0.22 0.00	75.58 0.08 0.00	82.27 -0.16 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.40 -0.46 0.00	49.99 -0.50 0.00
ELEC_TRO_TEK 24086	58.21 2.67 0.00	53.62 2.75 0.00	49.21 2.52 0.00	45.38 2.32 0.00	45.09 2.31 0.00	48.67 2.58 0.00	54.89 2.66 0.00	56.07 2.52 0.00	57.15 3.08 0.00	59.52 2.73 0.00	58.28 2.24 0.00	64.56 3.02 0.00	72.10 4.21 0.00	80.95 5.98 -2.95	82.41 7.16 -2.94	84.57 7.85 -1.21	96.52 8.99 -5.09	102.73 9.81 -0.35	96.73 7.98 -0.06	83.35 6.39 0.00	77.34 4.79 0.00	67.77 3.23 0.00	60.19 2.31 -0.02	52.62 2.12 0.00
ELLENBURG_WT_PWR 323604	56.15 0.61 0.00	51.53 0.66 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.12 0.89 0.00	54.36 0.80 0.00	54.61 0.54 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.16 -0.86 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	86.83 -1.87 0.00	75.27 -1.69 0.00	72.05 -0.50 0.00	64.67 0.13 0.00	58.27 0.41 0.00	50.95 0.45 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.43 -0.11 0.00	50.47 -0.41 0.00	45.19 -1.49 0.00	41.50 -1.55 0.00	41.28 -1.50 0.00	44.43 -1.66 0.00	50.46 -1.78 0.00	52.16 -1.39 0.00	52.45 -1.62 0.00	56.34 -0.45 0.00	55.93 -0.11 0.00	61.61 0.06 0.00	68.09 0.20 0.00	72.60 0.58 0.00	73.03 0.72 0.00	77.47 1.96 0.00	83.51 1.07 0.00	94.51 1.94 0.00	90.38 1.69 0.00	79.04 2.08 0.00	72.84 0.29 0.00	64.80 0.26 0.00	58.21 0.35 0.00	51.15 0.66 0.00
EMPIRE_CC_1 323656	55.65 0.11 0.00	50.98 0.10 0.00	46.92 0.23 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.46 0.37 0.00	52.55 0.32 0.00	53.88 0.32 0.00	54.55 0.49 0.00	57.14 0.34 0.00	56.15 0.11 0.00	61.79 0.25 0.00	68.37 0.48 0.00	73.32 1.30 0.00	77.73 2.17 -3.26	77.78 2.26 -0.01	93.79 2.80 -8.54	97.59 3.05 -1.97	92.23 2.57 -0.96	74.96 2.08 4.09	73.64 1.09 0.00	64.86 0.32 0.00	58.03 0.17 0.00	50.45 -0.05 0.00
EMPIRE_CC_2 323658	55.65 0.11 0.00	50.98 0.10 0.00	46.92 0.23 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.46 0.37 0.00	52.55 0.32 0.00	53.88 0.32 0.00	54.55 0.49 0.00	57.14 0.34 0.00	56.15 0.11 0.00	61.79 0.25 0.00	68.37 0.48 0.00	73.32 1.30 0.00	77.73 2.17 -3.26	77.78 2.26 -0.01	93.79 2.80 -8.54	97.59 3.05 -1.97	92.23 2.57 -0.96	74.96 2.08 4.09	73.64 1.09 0.00	64.86 0.32 0.00	58.03 0.17 0.00	50.45 -0.05 0.00
ENORWICH_115KV_TB1 80156	59.87 4.33 0.00	54.59 3.71 0.00	49.58 2.89 0.00	45.55 2.50 0.00	45.30 2.52 0.00	48.99 2.90 0.00	55.89 3.66 0.00	57.57 4.02 0.00	57.69 3.62 0.00	60.55 3.75 0.00	59.40 3.36 0.00	65.06 3.51 0.00	72.03 4.14 0.00	76.63 4.61 0.00	77.08 4.77 0.00	80.71 5.21 0.00	87.71 5.28 0.00	99.79 7.22 0.00	97.30 8.60 0.00	84.97 8.00 0.00	79.52 6.97 0.00	69.96 5.42 0.00	62.26 4.40 0.00	54.08 3.59 0.00
ERIE_ST__34_KV_TB1-2 80199	55.93 0.39 0.00	50.82 -0.05 0.00	45.47 -1.21 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.71 -1.38 0.00	50.87 -1.36 0.00	52.59 -0.96 0.00	52.88 -1.19 0.00	56.80 0.00 0.00	56.43 0.39 0.00	62.22 0.68 0.00	68.97 1.09 0.00	73.68 1.66 0.00	74.26 1.95 0.00	78.75 3.25 0.00	84.83 2.39 0.00	96.09 3.52 0.00	91.89 3.19 0.00	80.28 3.31 0.00	73.79 1.23 0.00	65.44 0.90 0.00	58.67 0.81 0.00	51.61 1.11 0.00
ERIE_WT_PWR 323693	55.82 0.28 0.00	50.82 -0.05 0.00	45.43 -1.26 0.00	41.76 -1.29 0.00	41.50 -1.28 0.00	44.71 -1.38 0.00	50.77 -1.46 0.00	52.49 -1.07 0.00	52.77 -1.30 0.00	56.68 -0.11 0.00	56.55 0.50 0.00	61.98 0.43 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.61 1.30 0.00	78.07 2.57 0.00	84.34 1.90 0.00	95.26 2.69 0.00	91.09 2.40 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.25 0.71 0.00	58.61 0.75 0.00	51.71 1.21 0.00
ESPRGFLD_115KV_TB1 80157	58.54 3.00 0.00	53.47 2.59 0.00	48.93 2.24 0.00	45.12 2.07 0.00	44.87 2.10 0.00	48.49 2.40 0.00	55.05 2.82 0.00	56.34 2.78 0.00	56.56 2.49 0.00	59.01 2.22 0.00	57.95 1.91 0.00	63.58 2.03 0.00	70.33 2.44 0.00	75.19 3.17 0.00	76.84 3.69 -0.85	79.66 4.15 0.00	89.36 4.70 -2.23	98.92 5.83 -0.51	95.46 6.56 -0.20	83.05 6.08 0.00	77.85 5.30 0.00	68.67 4.13 0.00	61.16 3.30 0.00	53.27 2.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.54 1.00 0.00	51.59 0.71 0.00	47.10 0.42 0.00	43.31 0.26 0.00	43.03 0.26 0.00	46.46 0.37 0.00	52.75 0.52 0.00	54.25 0.70 0.00	54.61 0.54 0.00	57.37 0.57 0.00	56.60 0.56 0.00	62.16 0.62 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.82 1.52 0.00	77.39 1.89 0.00	84.33 1.90 0.00	95.35 2.78 0.00	91.80 3.10 0.00	80.12 3.16 0.00	75.09 2.54 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.51 1.01 0.00
ETNA____115KV_TB2 80207	56.54 1.00 0.00	51.59 0.71 0.00	47.10 0.42 0.00	43.31 0.26 0.00	43.03 0.26 0.00	46.46 0.37 0.00	52.75 0.52 0.00	54.25 0.70 0.00	54.61 0.54 0.00	57.37 0.57 0.00	56.60 0.56 0.00	62.16 0.62 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.82 1.52 0.00	77.39 1.89 0.00	84.33 1.90 0.00	95.35 2.78 0.00	91.80 3.10 0.00	80.12 3.16 0.00	75.09 2.54 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.51 1.01 0.00
EUCLID__115KV_TB2 356179	54.60 -0.94 0.00	49.91 -0.97 0.00	45.61 -1.07 0.00	42.02 -1.03 0.00	41.71 -1.07 0.00	44.98 -1.11 0.00	51.08 -1.15 0.00	52.54 -1.02 0.00	53.04 -1.03 0.00	55.83 -0.97 0.00	55.15 -0.90 0.00	60.56 -0.98 0.00	67.00 -0.88 0.00	71.38 -0.65 0.00	71.80 -0.51 0.00	75.28 -0.23 0.00	81.94 -0.49 0.00	92.29 -0.28 0.00	88.51 -0.18 0.00	76.97 0.00 0.00	72.19 -0.36 0.00	63.83 -0.71 0.00	57.05 -0.81 0.00	49.69 -0.81 0.00
E_CANADA_CAP_HY 24051	59.20 3.66 0.00	54.08 3.21 0.00	49.53 2.85 0.00	45.68 2.63 0.00	45.43 2.65 0.00	49.18 3.09 0.00	55.83 3.60 0.00	56.93 3.38 0.00	56.82 2.76 0.00	58.84 2.04 0.00	57.50 1.45 0.00	62.96 1.42 0.00	69.65 1.76 0.00	74.61 2.59 0.00	76.73 3.33 -1.10	79.43 3.92 0.00	90.10 4.78 -2.88	99.44 6.20 -0.67	96.32 7.36 -0.27	84.04 7.08 0.00	78.94 6.39 0.00	69.64 5.10 0.00	61.85 3.99 0.00	53.88 3.38 0.00
E_CANADA_MHWK_HY 24050	55.98 0.44 0.00	51.23 0.36 0.00	46.97 0.28 0.00	43.31 0.26 0.00	43.08 0.30 0.00	46.46 0.37 0.00	52.65 0.42 0.00	54.04 0.48 0.00	54.50 0.43 0.00	57.25 0.45 0.00	56.44 0.40 0.00	61.98 0.43 0.00	68.43 0.54 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.35 0.91 0.00	93.50 0.93 0.00	89.76 1.07 0.00	77.89 0.93 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.21 0.35 0.00	50.70 0.20 0.00
E_FISHKILL__LBMP 23776	56.93 1.39 0.00	52.25 1.37 0.00	47.99 1.31 0.00	44.26 1.21 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.64 1.41 0.00	55.00 1.45 0.00	55.85 1.78 0.00	58.50 1.70 0.00	57.78 1.74 0.00	63.58 2.03 0.00	70.53 2.65 0.00	75.99 3.96 0.00	77.95 5.06 -0.59	81.09 5.59 0.00	90.49 6.51 -1.54	99.96 7.04 -0.36	94.34 5.59 -0.06	81.28 4.31 0.00	75.53 2.97 0.00	66.48 1.94 0.00	59.31 1.45 0.00	51.91 1.41 0.00
FALCON__SEABRD_CC1 323796	56.26 0.72 0.00	51.59 0.71 0.00	47.85 1.17 0.00	44.09 1.03 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.22 0.99 0.00	54.41 0.85 0.00	54.72 0.65 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.10 0.55 0.00	68.09 0.20 0.00	71.23 -0.79 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	87.00 -1.69 0.00	75.43 -1.54 0.00	72.26 -0.29 0.00	64.73 0.19 0.00	58.32 0.46 0.00	51.00 0.50 0.00
FALCON__SEABRD_CC2 323797	56.26 0.72 0.00	51.59 0.71 0.00	47.85 1.17 0.00	44.09 1.03 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.22 0.99 0.00	54.41 0.85 0.00	54.72 0.65 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.10 0.55 0.00	68.09 0.20 0.00	71.23 -0.79 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	87.00 -1.69 0.00	75.43 -1.54 0.00	72.26 -0.29 0.00	64.73 0.19 0.00	58.32 0.46 0.00	51.00 0.50 0.00

FAR ROCKAWAY___4 23548	59.43 3.89 0.00	54.64 3.76 0.00	50.09 3.41 0.00	46.20 3.14 0.00	45.90 3.12 0.00	49.55 3.46 0.00	55.78 3.55 0.00	57.04 3.48 0.00	58.12 4.06 0.00	60.66 3.86 0.00	59.52 3.47 0.00	66.10 4.55 0.00	73.86 5.97 0.00	86.88 7.99 -6.86	87.58 9.18 -6.09	88.35 10.04 -2.81	103.68 11.38 -9.86	105.41 12.50 -0.35	99.30 10.55 -0.06	85.51 8.54 0.00	79.37 6.82 0.00	69.38 4.84 0.00	61.61 3.70 -0.05	53.73 3.23 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	57.59 2.05 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.77 2.70 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.81 3.26 0.00	71.82 3.94 0.00	77.64 5.62 0.00	79.74 6.87 -0.57	83.06 7.55 0.00	92.76 8.82 -1.50	102.36 9.44 -0.35	96.29 7.54 -0.06	82.82 5.85 0.00	76.69 4.14 0.00	67.44 2.90 0.00	60.29 2.43 0.00	52.82 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	57.65 2.11 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.62 1.84 0.00	48.16 2.07 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.77 2.70 0.00	59.47 2.67 0.00	59.01 2.97 0.00	64.81 3.26 0.00	71.82 3.94 0.00	77.64 5.62 0.00	79.74 6.87 -0.57	83.06 7.55 0.00	92.76 8.82 -1.50	102.36 9.44 -0.35	96.29 7.54 -0.06	82.82 5.85 0.00	76.69 4.14 0.00	67.44 2.90 0.00	60.29 2.43 0.00	52.82 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	57.54 2.00 0.00	52.96 2.09 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.57 1.80 0.00	48.12 2.03 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.72 2.65 0.00	59.47 2.67 0.00	58.96 2.91 0.00	64.75 3.20 0.00	71.76 3.87 0.00	77.57 5.55 0.00	79.67 6.80 -0.57	82.98 7.47 0.00	92.68 8.74 -1.50	102.27 9.35 -0.35	96.11 7.36 -0.06	82.66 5.70 0.00	76.54 3.99 0.00	67.38 2.84 0.00	60.23 2.37 0.00	52.72 2.22 0.00
FARRAGUT___LBMP 323566	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.32 2.09 0.00	55.75 2.20 0.00	56.66 2.60 0.00	59.35 2.56 0.00	58.84 2.80 0.00	64.69 3.14 0.00	71.69 3.80 0.00	77.43 5.40 0.00	79.53 6.65 -0.57	82.83 7.32 0.00	92.51 8.57 -1.50	102.08 9.16 -0.35	96.02 7.27 -0.06	82.58 5.62 0.00	76.47 3.92 0.00	67.25 2.71 0.00	60.17 2.31 0.00	52.72 2.22 0.00
FENNER___WINDPWR 24204	56.82 1.28 0.00	51.94 1.07 0.00	47.43 0.74 0.00	43.66 0.60 0.00	43.38 0.60 0.00	46.83 0.74 0.00	53.17 0.94 0.00	54.68 1.13 0.00	55.04 0.97 0.00	57.82 1.02 0.00	57.05 1.01 0.00	62.59 1.05 0.00	69.17 1.29 0.00	73.61 1.58 0.00	74.04 1.73 0.00	77.46 1.96 0.00	84.34 2.59 0.00	95.16 3.10 0.00	91.79 3.10 0.00	79.89 2.92 0.00	74.94 2.39 0.00	66.28 1.74 0.00	59.25 1.39 0.00	51.56 1.06 0.00
FIBERTEK___ENERGY 23856	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
FITZPATRICK___ 23598	53.87 -1.66 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.48 -1.61 0.00	50.45 -1.78 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	55.04 -1.76 0.00	54.36 -1.68 0.00	59.70 -1.84 0.00	65.92 -1.97 0.00	70.23 -1.80 0.00	70.64 -1.66 0.00	73.91 -1.59 0.00	80.55 -1.89 0.00	90.62 -1.95 0.00	86.83 -1.87 0.00	75.58 -1.38 0.00	70.89 -1.67 0.00	62.86 -1.68 0.00	56.24 -1.62 0.00	49.03 -1.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.87 2.33 0.00	53.06 2.19 0.00	48.65 1.96 0.00	44.82 1.77 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.53 2.30 0.00	55.81 2.25 0.00	56.56 2.49 0.00	59.24 2.44 0.00	58.56 2.52 0.00	64.56 3.02 0.00	71.69 3.80 0.00	77.14 5.11 0.00	78.96 6.22 -0.44	82.45 6.95 0.00	91.49 7.91 -1.14	101.63 8.79 -0.26	96.05 7.36 0.00	82.89 5.93 0.00	77.05 4.50 0.00	67.70 3.16 0.00	60.35 2.49 0.00	52.72 2.22 0.00
FORT ORANGE___ 23900	55.71 0.17 0.00	50.98 0.10 0.00	46.87 0.19 0.00	43.27 0.22 0.00	42.99 0.21 0.00	46.37 0.28 0.00	52.49 0.26 0.00	53.40 -0.16 0.00	53.96 -0.11 0.00	56.46 -0.34 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.27 -0.61 0.00	72.17 0.14 0.00	63.74 1.09 9.65	76.52 1.06 0.04	58.89 1.73 25.28	88.68 1.95 5.84	88.59 1.68 1.78	75.27 1.31 3.00	72.99 0.44 0.00	64.28 -0.26 0.00	57.51 -0.35 0.00	50.04 -0.46 0.00
FORT_DRUM_COGEN 23780	58.87 3.33 0.00	53.82 2.95 0.00	49.02 2.33 0.00	45.03 1.98 0.00	44.79 2.01 0.00	48.39 2.30 0.00	55.16 2.92 0.00	56.66 3.11 0.00	56.72 2.65 0.00	59.47 2.67 0.00	58.17 2.13 0.00	63.52 1.97 0.00	69.92 2.04 0.00	74.04 2.02 0.00	74.04 1.74 0.00	77.32 1.81 0.00	83.67 1.24 0.00	94.88 2.31 0.00	93.30 4.61 0.00	81.66 4.69 0.00	77.20 4.64 0.00	68.48 3.94 0.00	61.16 3.30 0.00	52.97 2.47 0.00
FOX_HILLS___ESR 323835	51.39 1.89 6.03	51.00 1.93 1.80	48.93 2.24 0.00	45.21 2.15 0.00	44.87 2.10 0.00	48.39 2.30 0.00	50.61 1.88 3.50	50.56 1.82 4.81	50.51 2.27 5.83	50.69 2.16 8.26	52.17 2.86 6.73	52.30 2.58 11.83	55.66 3.19 15.42	62.84 4.83 14.01	70.01 6.00 8.29	76.38 6.64 5.76	83.20 7.83 7.07	87.60 8.42 13.39	79.51 6.56 15.74	62.16 5.08 19.89	56.42 3.56 19.69	53.02 2.39 13.91	51.73 1.91 8.04	52.09 2.47 0.88
FPL_FAR_ROCK_GT1 24212	59.32 3.78 0.00	54.65 3.76 -0.01	50.10 3.41 -0.01	46.20 3.14 -0.01	45.91 3.12 -0.01	49.56 3.46 -0.01	55.78 3.55 0.00	57.15 3.59 0.00	57.96 3.90 0.00	60.03 3.24 0.00	59.46 3.42 0.00	66.10 4.55 0.00	73.86 5.98 0.00	86.89 7.99 -6.87	87.58 9.18 -6.09	88.35 10.04 -2.81	103.59 11.29 -9.86	105.42 12.49 -0.35	99.31 10.55 -0.07	85.59 8.62 -0.01	79.23 6.67 -0.01	69.38 4.84 0.00	61.62 3.71 -0.05	53.58 3.08 0.00
FPL_FAR_ROCK_GT2 23815	59.32 3.78 0.00	54.65 3.76 -0.01	50.10 3.41 -0.01	46.20 3.14 -0.01	45.91 3.12 -0.01	49.56 3.46 -0.01	55.78 3.55 0.00	57.15 3.59 0.00	57.96 3.90 0.00	60.03 3.24 0.00	59.46 3.42 0.00	66.10 4.55 0.00	73.86 5.98 0.00	86.89 7.99 -6.87	87.58 9.18 -6.09	88.35 10.04 -2.81	103.59 11.29 -9.86	105.42 12.49 -0.35	99.31 10.55 -0.07	85.59 8.62 -0.01	79.23 6.67 -0.01	69.38 4.84 0.00	61.62 3.71 -0.05	53.58 3.08 0.00
FRANKLIN_FALL_HYD 24054	57.15 1.61 0.00	52.45 1.58 0.00	48.32 1.63 0.00	44.52 1.46 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.11 1.88 0.00	55.38 1.82 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.46 0.00	62.84 1.29 0.00	68.84 0.95 0.00	71.88 -0.14 0.00	71.22 -1.08 0.00	73.84 -1.66 0.00	80.46 -1.98 0.00	90.07 -2.50 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	73.06 0.51 0.00	65.57 1.03 0.00	59.07 1.22 0.00	51.66 1.16 0.00

FRESHIPS_33_KV_LOAD 23764	58.65 3.11 0.00	54.09 3.21 -0.01	49.59 2.90 -0.01	45.73 2.67 -0.01	45.44 2.65 -0.01	49.05 2.95 -0.01	55.05 2.82 0.00	56.39 2.84 0.00	57.20 3.13 0.00	59.07 2.27 0.00	58.34 2.30 0.00	64.87 3.32 0.00	72.24 4.35 0.00	80.77 6.26 -2.48	82.39 7.52 -2.57	84.75 8.23 -1.02	96.43 9.48 -4.52	103.29 10.37 -0.35	97.36 8.60 -0.06	84.13 7.16 -0.01	77.85 5.29 -0.01	68.41 3.87 0.00	60.71 2.83 -0.02	52.87 2.37 0.00
FRESHIPS_33_KV_LOAD 23818	58.65 3.11 0.00	54.09 3.21 -0.01	49.59 2.90 -0.01	45.73 2.67 -0.01	45.44 2.65 -0.01	49.05 2.95 -0.01	55.05 2.82 0.00	56.39 2.84 0.00	57.20 3.13 0.00	59.07 2.27 0.00	58.34 2.30 0.00	64.87 3.32 0.00	72.24 4.35 0.00	80.77 6.26 -2.48	82.39 7.52 -2.57	84.75 8.23 -1.02	96.43 9.48 -4.52	103.29 10.37 -0.35	97.36 8.60 -0.06	84.13 7.16 -0.01	77.85 5.29 -0.01	68.41 3.87 0.00	60.71 2.83 -0.02	52.87 2.37 0.00
FRESHIPS_33_KV_LOAD 356253	51.34 1.83 6.03	50.90 1.83 1.80	48.97 2.29 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.44 2.35 0.00	50.50 1.78 3.50	50.46 1.71 4.81	50.40 2.16 5.83	50.58 2.04 8.26	52.06 2.75 6.73	52.24 2.52 11.83	55.59 3.12 15.42	62.76 4.75 14.01	70.01 6.00 8.29	76.38 6.64 5.76	83.20 7.83 7.07	87.69 8.52 13.39	79.60 6.65 15.74	61.71 5.16 20.41	55.63 3.56 20.48	52.48 2.45 14.51	51.73 1.91 8.04	52.04 2.42 0.88
FULTON COGEN_____ 23766	54.60 -0.94 0.00	49.86 -1.02 0.00	45.61 -1.07 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	44.98 -1.11 0.00	51.08 -1.15 0.00	52.54 -1.02 0.00	52.99 -1.08 0.00	55.72 -1.08 0.00	55.03 -1.01 0.00	60.44 -1.11 0.00	66.87 -1.02 0.00	71.16 -0.86 0.00	71.65 -0.65 0.00	75.05 -0.45 0.00	81.70 -0.74 0.00	92.11 -0.46 0.00	88.34 -0.35 0.00	76.97 0.00 0.00	72.19 -0.36 0.00	63.83 -0.71 0.00	57.05 -0.81 0.00	49.69 -0.81 0.00
FULTON____LFG 323630	59.20 3.66 0.00	54.08 3.21 0.00	49.53 2.85 0.00	45.68 2.63 0.00	45.43 2.65 0.00	49.18 3.09 0.00	55.83 3.60 0.00	56.93 3.38 0.00	56.82 2.76 0.00	58.78 1.99 0.00	57.27 1.23 0.00	62.66 1.11 0.00	69.17 1.29 0.00	74.18 2.16 0.00	76.47 2.97 -1.20	79.13 3.62 0.00	90.29 4.70 -3.15	99.60 6.30 -0.73	96.52 7.53 -0.30	84.20 7.23 0.00	79.01 6.45 0.00	69.58 5.04 0.00	61.85 3.99 0.00	53.83 3.33 0.00
G.F.CEMENT____DRP 24184	58.09 2.55 0.00	53.06 2.19 0.00	48.69 2.01 0.00	44.86 1.81 0.00	44.62 1.84 0.00	48.26 2.17 0.00	54.79 2.56 0.00	56.18 2.62 0.00	56.72 2.65 0.00	59.35 2.56 0.00	57.84 1.79 0.00	63.45 1.91 0.00	70.06 2.17 0.00	75.27 3.24 0.00	78.58 3.90 -2.37	79.67 4.15 -0.01	93.67 5.03 -6.20	99.93 5.92 -1.43	96.07 6.83 -0.55	85.40 6.00 -2.43	77.78 5.22 0.00	68.35 3.81 0.00	60.69 2.84 0.00	52.82 2.32 0.00
GARDENVILLE____LBMP 24039	55.59 0.06 0.00	50.62 -0.25 0.00	45.28 -1.40 0.00	41.63 -1.42 0.00	41.37 -1.41 0.00	44.52 -1.57 0.00	50.61 -1.62 0.00	52.33 -1.23 0.00	52.55 -1.51 0.00	56.40 -0.40 0.00	55.99 -0.06 0.00	61.73 0.18 0.00	68.23 0.34 0.00	72.82 0.79 0.00	73.24 0.94 0.00	77.69 2.19 0.00	83.76 1.32 0.00	94.88 2.31 0.00	90.73 2.04 0.00	79.35 2.39 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.38 0.52 0.00	51.31 0.81 0.00
GARDNVLA_35_KV_LD 355827	55.87 0.33 0.00	50.82 -0.05 0.00	45.47 -1.21 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.71 -1.38 0.00	50.82 -1.41 0.00	52.59 -0.96 0.00	52.88 -1.19 0.00	56.80 0.00 0.00	56.38 0.34 0.00	62.10 0.55 0.00	68.70 0.81 0.00	73.32 1.30 0.00	73.82 1.52 0.00	78.30 2.79 0.00	84.33 1.90 0.00	95.53 2.96 0.00	91.44 2.75 0.00	79.89 2.92 0.00	73.57 1.02 0.00	65.38 0.84 0.00	58.73 0.87 0.00	51.56 1.06 0.00
GELCKHM__115KV_LOAD 80723	54.76 -0.78 0.00	50.01 -0.86 0.00	45.70 -0.98 0.00	42.11 -0.95 0.00	41.79 -0.98 0.00	45.08 -1.01 0.00	51.19 -1.04 0.00	52.65 -0.91 0.00	53.15 -0.92 0.00	55.95 -0.85 0.00	55.26 -0.78 0.00	60.69 -0.86 0.00	67.14 -0.75 0.00	71.45 -0.58 0.00	71.87 -0.43 0.00	75.35 -0.15 0.00	82.03 -0.41 0.00	92.48 -0.09 0.00	88.69 0.00 0.00	77.12 0.15 0.00	72.34 -0.22 0.00	63.96 -0.58 0.00	57.16 -0.69 0.00	49.79 -0.71 0.00
GENERAL____MILLS 23808	55.76 0.22 0.00	50.72 -0.15 0.00	45.38 -1.31 0.00	41.72 -1.33 0.00	41.45 -1.33 0.00	44.62 -1.47 0.00	50.72 -1.51 0.00	52.43 -1.12 0.00	52.72 -1.35 0.00	56.63 -0.17 0.00	56.21 0.17 0.00	61.92 0.37 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.53 1.23 0.00	78.00 2.49 0.00	84.00 1.57 0.00	95.16 2.59 0.00	91.09 2.39 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.19 0.65 0.00	58.55 0.69 0.00	51.46 0.96 0.00
GE_PLASTICS____DRP 24183	55.15 -0.39 0.00	50.52 -0.36 0.00	46.50 -0.19 0.00	42.92 -0.13 0.00	42.69 -0.09 0.00	46.00 -0.09 0.00	52.02 -0.21 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.46 -0.34 0.00	55.54 -0.50 0.00	60.99 -0.55 0.00	67.48 -0.41 0.00	72.39 0.36 0.00	67.45 1.08 5.93	76.61 1.13 0.02	68.45 1.57 15.55	90.64 1.67 3.59	88.85 1.24 1.08	75.86 1.00 2.10	72.77 0.22 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
GILBOA____1 23756	56.04 0.50 0.00	51.33 0.46 0.00	47.48 0.79 0.00	43.96 0.91 0.00	43.68 0.90 0.00	46.92 0.83 0.00	52.91 0.68 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.83 1.80 0.00	74.83 2.53 0.00	78.07 2.57 0.00	85.40 2.96 0.00	95.53 2.96 0.00	91.09 2.40 0.00	79.12 2.15 0.00	74.08 1.53 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
GILBOA____2 23757	56.04 0.50 0.00	51.33 0.46 0.00	47.48 0.79 0.00	43.96 0.91 0.00	43.68 0.90 0.00	46.92 0.83 0.00	52.91 0.68 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.83 1.80 0.00	74.83 2.53 0.00	78.07 2.57 0.00	85.40 2.96 0.00	95.53 2.96 0.00	91.09 2.40 0.00	79.12 2.15 0.00	74.08 1.53 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
GILBOA____3 23758	56.04 0.50 0.00	51.33 0.46 0.00	47.48 0.79 0.00	43.96 0.91 0.00	43.68 0.90 0.00	46.92 0.83 0.00	52.91 0.68 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.83 1.80 0.00	74.83 2.53 0.00	78.07 2.57 0.00	85.40 2.96 0.00	95.53 2.96 0.00	91.09 2.40 0.00	79.12 2.15 0.00	74.08 1.53 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
GILBOA____4 23759	56.04 0.50 0.00	51.33 0.46 0.00	47.48 0.79 0.00	43.96 0.91 0.00	43.68 0.90 0.00	46.92 0.83 0.00	52.91 0.68 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.83 1.80 0.00	74.83 2.53 0.00	78.07 2.57 0.00	85.40 2.96 0.00	95.53 2.96 0.00	91.09 2.40 0.00	79.12 2.15 0.00	74.08 1.53 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00

GILBOA____ 23599	56.04 0.50 0.00	51.33 0.46 0.00	47.48 0.79 0.00	43.96 0.90 0.00	43.68 0.90 0.00	46.92 0.83 0.00	52.91 0.68 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.42 0.62 0.00	56.60 0.56 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.83 1.80 0.00	74.76 2.46 0.00	78.07 2.57 0.00	85.49 3.05 0.00	95.53 2.96 0.00	91.09 2.39 0.00	79.12 2.16 0.00	74.08 1.52 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.00 0.50 0.00
GINNA____ 23603	53.32 -2.22 0.00	48.48 -2.39 0.00	44.03 -2.66 0.00	40.34 -2.71 0.00	40.04 -2.74 0.00	43.28 -2.81 0.00	49.15 -3.08 0.00	50.88 -2.68 0.00	51.31 -2.76 0.00	54.52 -2.27 0.00	54.19 -1.85 0.00	59.39 -2.16 0.00	65.71 -2.18 0.00	69.93 -2.09 0.00	70.20 -2.10 0.00	73.91 -1.59 0.00	80.22 -2.22 0.00	90.62 -1.95 0.00	87.18 -1.51 0.00	75.81 -1.15 0.00	70.74 -1.81 0.00	62.61 -1.93 0.00	55.72 -2.14 0.00	48.58 -1.92 0.00
GLEN PARK____ 23778	59.26 3.72 0.00	54.13 3.26 0.00	49.30 2.61 0.00	45.25 2.19 0.00	45.00 2.22 0.00	48.67 2.58 0.00	55.42 3.19 0.00	56.93 3.38 0.00	56.99 2.92 0.00	59.75 2.95 0.00	58.45 2.41 0.00	63.76 2.21 0.00	70.20 2.31 0.00	74.33 2.30 0.00	74.33 2.02 0.00	77.69 2.19 0.00	84.09 1.65 0.00	95.44 2.87 0.00	93.92 5.23 0.00	82.35 5.39 0.00	77.92 5.37 0.00	68.99 4.45 0.00	61.56 3.71 0.00	53.32 2.83 0.00
GLENDALE_27_KV_LOAD 356172	57.82 2.28 0.00	53.21 2.34 0.00	49.11 2.43 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.53 2.44 0.00	54.63 2.40 0.00	55.97 2.41 0.00	56.93 2.87 0.00	59.52 2.73 0.00	59.35 3.31 0.00	62.96 3.08 1.66	66.10 3.80 5.59	72.29 5.40 5.14	79.53 6.65 -0.57	82.83 7.32 0.00	92.51 8.57 -1.50	102.17 9.26 -0.34	96.02 7.27 -0.05	67.55 5.70 15.11	64.34 3.99 12.21	61.11 2.84 6.27	60.17 2.31 0.00	53.32 2.83 0.00
GLENWOOD_IC_1_G5 23712	58.21 2.67 0.00	53.57 2.70 0.00	49.11 2.43 0.00	45.34 2.28 0.00	45.00 2.22 0.00	48.63 2.53 0.00	54.84 2.61 0.00	55.97 2.41 0.00	56.99 2.92 0.00	59.58 2.78 0.00	58.51 2.47 0.00	64.69 3.14 0.00	72.10 4.21 0.00	79.68 5.98 -1.68	81.39 7.16 -1.92	84.05 7.85 -0.69	95.05 9.07 -3.54	102.73 9.81 -0.35	96.73 7.98 -0.06	83.20 6.23 0.00	77.12 4.57 0.00	67.64 3.10 0.00	60.07 2.20 -0.01	52.92 2.42 0.00
GLENWOOD_IC_2_G1 23688	57.82 2.28 0.00	53.17 2.29 -0.01	48.84 2.15 -0.01	45.04 1.98 -0.01	44.75 1.97 -0.01	48.31 2.21 -0.01	54.53 2.30 0.00	55.86 2.30 0.00	56.77 2.70 0.00	59.13 2.33 0.00	58.50 2.46 0.00	64.62 3.08 0.00	71.89 4.00 0.00	78.57 5.69 -0.85	80.44 6.87 -1.26	83.41 7.55 -0.35	93.63 8.65 -2.54	102.37 9.45 -0.35	96.39 7.63 -0.06	83.05 6.08 -0.01	76.91 4.35 -0.01	67.57 3.03 0.00	60.11 2.25 0.00	52.57 2.07 0.00
GLENWOOD_IC_3_G1 23689	57.82 2.28 0.00	53.17 2.29 -0.01	48.84 2.15 -0.01	45.04 1.98 -0.01	44.75 1.97 -0.01	48.31 2.21 -0.01	54.53 2.30 0.00	55.86 2.30 0.00	56.77 2.70 0.00	59.13 2.33 0.00	58.50 2.46 0.00	64.62 3.08 0.00	71.89 4.00 0.00	78.57 5.69 -0.85	80.44 6.87 -1.26	83.41 7.55 -0.35	93.63 8.65 -2.54	102.37 9.45 -0.35	96.39 7.63 -0.06	83.05 6.08 -0.01	76.91 4.35 -0.01	67.57 3.03 0.00	60.11 2.25 0.00	52.57 2.07 0.00
GLENWOOD____4 23550	58.21 2.67 0.00	53.57 2.70 0.00	49.11 2.43 0.00	45.34 2.28 0.00	45.00 2.22 0.00	48.63 2.53 0.00	54.84 2.61 0.00	56.02 2.46 0.00	57.04 2.97 0.00	59.64 2.84 0.00	58.62 2.58 0.00	64.81 3.26 0.00	72.23 4.34 0.00	79.83 6.12 -1.68	81.60 7.38 -1.92	84.27 8.08 -0.69	95.30 9.32 -3.54	102.91 10.00 -0.35	96.91 8.16 -0.06	83.35 6.39 0.00	77.34 4.79 0.00	67.77 3.23 0.00	60.24 2.37 -0.01	52.92 2.42 0.00
GLENWOOD____5 23614	58.21 2.67 0.00	53.57 2.70 0.00	49.11 2.43 0.00	45.34 2.28 0.00	45.00 2.22 0.00	48.63 2.53 0.00	54.84 2.61 0.00	56.02 2.46 0.00	57.04 2.97 0.00	59.64 2.84 0.00	58.62 2.58 0.00	64.81 3.26 0.00	72.23 4.34 0.00	79.83 6.12 -1.68	81.60 7.38 -1.92	84.27 8.08 -0.69	95.30 9.32 -3.54	102.91 10.00 -0.35	96.91 8.16 -0.06	83.35 6.39 0.00	77.34 4.79 0.00	67.77 3.23 0.00	60.24 2.37 -0.01	52.92 2.42 0.00
GLOBAL GREEN_PORT_GT1 23814	60.48 4.94 0.00	55.92 5.04 -0.01	51.17 4.48 -0.01	47.11 4.05 -0.01	46.89 4.11 -0.01	50.94 4.84 -0.01	57.20 4.96 0.00	58.81 5.25 0.00	60.18 6.11 0.00	62.14 5.34 0.00	61.42 5.38 0.00	68.56 7.01 0.00	79.07 9.16 -2.02	130.08 11.74 -46.31	202.27 13.30 -116.66	223.00 12.31 -135.18	251.70 14.26 -155.00	255.63 16.02 -147.04	234.14 13.93 -131.52	227.80 10.92 -139.91	131.32 10.67 -48.09	120.78 8.07 -48.18	63.99 6.13 -0.01	57.06 5.15 -1.41
GLOBE____DSASP 323697	53.65 -1.89 0.00	48.89 -1.98 0.00	43.74 -2.94 0.00	40.17 -2.88 0.00	39.91 -2.87 0.00	42.96 -3.13 0.00	48.78 -3.45 0.00	50.50 -3.05 0.00	50.72 -3.35 0.00	54.58 -2.22 0.00	54.14 -1.91 0.00	59.58 -1.97 0.00	65.71 -2.17 0.00	69.86 -2.16 0.00	70.28 -2.02 0.00	74.52 -0.98 0.00	80.38 -2.06 0.00	90.90 -1.67 0.00	87.01 -1.69 0.00	75.97 -1.00 0.00	70.09 -2.47 0.00	62.60 -1.94 0.00	56.35 -1.50 0.00	50.09 -0.40 0.00
GOETHSLN____LBMP 323567	51.05 1.56 6.04	50.79 1.73 1.81	48.32 1.63 0.00	44.60 1.55 0.00	44.27 1.50 0.00	47.84 1.75 0.00	50.44 1.72 3.51	50.56 1.82 4.82	50.46 2.22 5.82	50.69 2.16 8.27	51.72 2.41 6.74	52.35 2.65 11.84	55.72 3.26 15.43	62.90 4.90 14.02	70.14 6.15 8.31	76.52 6.80 5.78	83.35 8.00 7.08	87.68 8.52 13.40	79.59 6.65 15.76	61.01 5.00 20.95	54.65 3.41 21.31	51.65 2.26 15.15	51.66 1.85 8.05	51.44 1.82 0.88
GOLAH____69_KV_TB 1_2 80279	56.21 0.67 0.00	51.13 0.25 0.00	46.17 -0.51 0.00	42.28 -0.77 0.00	41.96 -0.81 0.00	45.35 -0.74 0.00	51.45 -0.78 0.00	53.29 -0.27 0.00	53.58 -0.49 0.00	57.14 0.34 0.00	56.66 0.62 0.00	62.29 0.74 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.61 1.30 0.00	77.54 2.04 0.00	83.92 1.48 0.00	95.16 2.59 0.00	91.71 3.02 0.00	79.89 2.92 0.00	74.44 1.89 0.00	65.96 1.42 0.00	58.78 0.93 0.00	51.41 0.91 0.00
GOODYEAR_LAKE_HYD 323669	57.54 2.00 0.00	52.60 1.73 0.00	48.18 1.49 0.00	44.47 1.42 0.00	44.19 1.41 0.00	47.66 1.57 0.00	54.06 1.83 0.00	55.43 1.87 0.00	55.91 1.84 0.00	58.67 1.87 0.00	57.78 1.74 0.00	63.52 1.97 0.00	70.26 2.38 0.00	75.12 3.10 0.00	76.22 3.54 -0.38	79.36 3.85 0.00	87.72 4.29 -0.99	97.80 5.00 -0.23	93.83 5.06 -0.08	81.43 4.46 0.00	76.25 3.70 0.00	67.25 2.71 0.00	60.00 2.14 0.00	52.31 1.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	55.98 0.44 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.92 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.91 0.11 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.82 1.52 0.00	77.47 1.96 0.00	84.33 1.90 0.00	95.07 2.50 0.00	91.00 2.31 0.00	79.27 2.31 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.15 0.66 0.00

GOUDEY___7 23579	55.98 0.44 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.92 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.91 0.11 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.82 1.52 0.00	77.47 1.96 0.00	84.33 1.90 0.00	95.07 2.50 0.00	91.00 2.31 0.00	79.27 2.31 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.15 0.66 0.00
GOUDEY___8 23580	55.98 0.44 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.92 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.91 0.11 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.82 1.52 0.00	77.47 1.96 0.00	84.33 1.90 0.00	95.07 2.50 0.00	91.00 2.31 0.00	79.27 2.31 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.15 0.66 0.00
GOWANUS_GT1_1 24077	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_2 24078	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_3 24079	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_4 24080	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_5 24084	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_6 24111	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_7 24112	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT1_8 24113	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	94.22 5.54 -11.71	94.30 3.92 -17.82	80.92 2.71 -13.67	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT2_1 24114	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.95 2.91 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.21 5.19 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.78	80.64 3.84 -4.24	70.50 2.71 -3.25	60.06 2.20 -0.01	53.23 2.72 -0.01
GOWANUS_GT2_2 24115	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.95 2.91 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.21 5.19 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.78	80.64 3.84 -4.24	70.50 2.71 -3.25	60.06 2.20 -0.01	53.23 2.72 -0.01
GOWANUS_GT2_3 24116	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.95 2.91 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.21 5.19 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.78	80.64 3.84 -4.24	70.50 2.71 -3.25	60.06 2.20 -0.01	53.23 2.72 -0.01
GOWANUS_GT2_4 24117	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.95 2.91 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.21 5.19 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.78	80.64 3.84 -4.24	70.50 2.71 -3.25	60.06 2.20 -0.01	53.23 2.72 -0.01
GOWANUS_GT2_5 24118	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.95 2.91 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.21 5.19 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.78	80.64 3.84 -4.24	70.50 2.71 -3.25	60.06 2.20 -0.01	53.23 2.72 -0.01

GOWANUS_GT2_6 24119	57.76	53.06	49.07	45.26	44.97	48.49	54.37	55.64	56.66	59.58	58.95	64.49	71.47	77.21	79.30	82.59	92.19	101.90	95.85	85.30	80.64	70.50	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.14	2.09	2.60	2.78	2.91	2.95	3.60	5.19	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-2.78	-4.24	-3.25	-0.01	-0.01
GOWANUS_GT2_7 24120	57.76	53.06	49.07	45.26	44.97	48.49	54.37	55.64	56.66	59.58	58.95	64.49	71.47	77.21	79.30	82.59	92.19	101.90	95.85	85.30	80.64	70.50	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.14	2.09	2.60	2.78	2.91	2.95	3.60	5.19	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-2.78	-4.24	-3.25	-0.01	-0.01
GOWANUS_GT2_8 24121	57.76	53.06	49.07	45.26	44.97	48.49	54.37	55.64	56.66	59.58	58.95	64.49	71.47	77.21	79.30	82.59	92.19	101.90	95.85	85.30	80.64	70.50	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.14	2.09	2.60	2.78	2.91	2.95	3.60	5.19	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-2.78	-4.24	-3.25	-0.01	-0.01
GOWANUS_GT3_1 24122	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_2 24123	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_3 24124	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_4 24125	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_5 24126	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_6 24127	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_7 24128	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT3_8 24129	57.76	53.06	49.07	45.26	44.97	48.49	54.42	55.64	56.66	59.58	59.01	64.49	71.47	77.27	79.30	82.59	92.19	101.90	95.85	94.22	94.22	80.92	60.06	53.23
	2.22	2.19	2.38	2.19	2.18	2.40	2.19	2.09	2.60	2.78	2.97	2.95	3.60	5.26	6.43	7.10	8.24	8.98	7.10	5.54	3.84	2.71	2.20	2.72
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.56	0.01	-1.51	-0.35	-0.06	-11.71	-17.82	-13.67	-0.01	-0.01
GOWANUS_GT4_1 24130	57.76	53.11	49.07	45.25	44.96	48.49	54.42	55.65	56.61	59.24	59.18	64.49	71.48	77.20	79.31	82.60	92.19	101.91	95.86	85.21	80.71	70.50	60.12	53.27
	2.22	2.24	2.38	2.20	2.18	2.40	2.19	2.09	2.54	2.44	3.14	2.95	3.60	5.19	6.44	7.10	8.24	8.98	7.10	5.46	3.92	2.71	2.26	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.57	0.00	-1.51	-0.36	-0.07	-2.78	-4.24	-3.25	-0.01	0.00
GOWANUS_GT4_2 24131	57.76	53.11	49.07	45.25	44.96	48.49	54.42	55.65	56.61	59.24	59.18	64.49	71.48	77.20	79.31	82.60	92.19	101.91	95.86	85.21	80.71	70.50	60.12	53.27
	2.22	2.24	2.38	2.20	2.18	2.40	2.19	2.09	2.54	2.44	3.14	2.95	3.60	5.19	6.44	7.10	8.24	8.98	7.10	5.46	3.92	2.71	2.26	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.57	0.00	-1.51	-0.36	-0.07	-2.78	-4.24	-3.25	-0.01	0.00
GOWANUS_GT4_3 24132	57.76	53.11	49.07	45.25	44.96	48.49	54.42	55.65	56.61	59.24	59.18	64.49	71.48	77.20	79.31	82.60	92.19	101.91	95.86	85.21	80.71	70.50	60.12	53.27
	2.22	2.24	2.38	2.20	2.18	2.40	2.19	2.09	2.54	2.44	3.14	2.95	3.60	5.19	6.44	7.10	8.24	8.98	7.10	5.46	3.92	2.71	2.26	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.57	0.00	-1.51	-0.36	-0.07	-2.78	-4.24	-3.25	-0.01	0.00
GOWANUS_GT4_4 24133	57.76	53.11	49.07	45.25	44.96	48.49	54.42	55.65	56.61	59.24	59.18	64.49	71.48	77.20	79.31	82.60	92.19	101.91	95.86	85.21	80.71	70.50	60.12	53.27
	2.22	2.24	2.38	2.20	2.18	2.40	2.19	2.09	2.54	2.44	3.14	2.95	3.60	5.19	6.44	7.10	8.24	8.98	7.10	5.46	3.92	2.71	2.26	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	-0.57	0.00	-1.51	-0.36	-0.07	-2.78	-4.24	-3.25	-0.01	0.00

GOWANUS_GT4_5 24134	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.24 2.44 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.20 5.19 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.19 8.24 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.21 5.46 -2.78	80.71 3.92 -4.24	70.50 2.71 -3.25	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT4_6 24135	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.24 2.44 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.20 5.19 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.19 8.24 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.21 5.46 -2.78	80.71 3.92 -4.24	70.50 2.71 -3.25	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT4_7 24136	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.24 2.44 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.20 5.19 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.19 8.24 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.21 5.46 -2.78	80.71 3.92 -4.24	70.50 2.71 -3.25	60.12 2.26 -0.01	53.27 2.78 0.00
GOWANUS_GT4_8 24137	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.24 2.44 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.20 5.19 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.19 8.24 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.21 5.46 -2.78	80.71 3.92 -4.24	70.50 2.71 -3.25	60.12 2.26 -0.01	53.27 2.78 0.00
GREATVRV_69_KV_BK1 356245	59.87 4.33 0.00	55.35 4.48 0.00	50.65 3.97 0.00	46.67 3.62 0.00	46.37 3.59 0.00	50.24 4.15 0.00	56.51 4.28 0.00	57.63 4.07 0.00	58.93 4.87 0.00	61.34 4.54 0.00	59.40 3.36 0.00	65.98 4.43 0.00	75.14 6.04 -1.21	108.25 8.21 -28.01	151.96 9.33 -70.32	166.78 10.19 -81.08	187.92 11.71 -93.77	193.55 12.77 -88.21	178.31 10.82 -78.80	169.46 8.70 -83.80	108.39 7.04 -28.80	98.37 4.97 -28.86	61.62 3.76 0.00	54.67 3.33 -0.84
GREENBSH_115KV_TB3 55895	55.37 -0.17 0.00	50.67 -0.20 0.00	46.64 -0.05 0.00	43.05 0.00 0.00	42.78 0.00 0.00	46.14 0.05 0.00	52.18 -0.05 0.00	53.40 -0.16 0.00	54.07 0.00 0.00	56.63 -0.17 0.00	55.65 -0.39 0.00	61.12 -0.43 0.00	67.62 -0.27 0.00	72.60 0.58 0.00	63.43 1.37 10.25	76.82 1.36 0.04	57.47 1.90 26.86	88.40 2.04 6.20	88.40 1.60 1.89	75.04 1.23 3.16	72.99 0.44 0.00	64.35 -0.19 0.00	57.45 -0.41 0.00	50.04 -0.45 0.00
GREENDGE_115KV_TB5 80291	55.98 0.44 0.00	50.98 0.10 0.00	46.36 -0.33 0.00	42.75 -0.30 0.00	42.48 -0.30 0.00	45.86 -0.23 0.00	51.87 -0.37 0.00	53.50 -0.05 0.00	53.69 -0.38 0.00	56.68 -0.11 0.00	56.15 0.11 0.00	61.73 0.18 0.00	68.36 0.48 0.00	72.82 0.79 0.00	73.17 0.87 0.00	77.09 1.59 0.00	83.76 1.32 0.00	94.33 1.76 0.00	90.82 2.13 0.00	79.97 3.00 0.00	74.66 2.10 0.00	65.77 1.23 0.00	58.67 0.81 0.00	51.25 0.76 0.00
GREENIDGE___3 23582	55.98 0.44 0.00	50.98 0.10 0.00	46.36 -0.33 0.00	42.75 -0.30 0.00	42.48 -0.30 0.00	45.86 -0.23 0.00	51.87 -0.37 0.00	53.50 -0.05 0.00	53.69 -0.38 0.00	56.68 -0.11 0.00	56.15 0.11 0.00	61.73 0.18 0.00	68.36 0.48 0.00	72.82 0.79 0.00	73.17 0.87 0.00	77.09 1.59 0.00	83.76 1.32 0.00	94.33 1.76 0.00	90.82 2.13 0.00	79.97 3.00 0.00	74.66 2.10 0.00	65.77 1.23 0.00	58.67 0.81 0.00	51.25 0.76 0.00
GREENIDGE___4 23583	56.04 0.50 0.00	51.03 0.15 0.00	46.36 -0.32 0.00	42.75 -0.30 0.00	42.48 -0.30 0.00	45.91 -0.18 0.00	51.87 -0.36 0.00	53.50 -0.05 0.00	53.69 -0.38 0.00	56.68 -0.11 0.00	56.27 0.23 0.00	61.73 0.19 0.00	68.37 0.48 0.00	72.82 0.79 0.00	73.24 0.94 0.00	77.09 1.59 0.00	83.84 1.40 0.00	93.50 0.93 0.00	90.73 2.04 0.00	79.89 2.92 0.00	74.66 2.11 0.00	65.76 1.22 0.00	58.67 0.81 0.00	51.30 0.81 0.00
GREENLWN_69_KV_BK 3 55738	57.71 2.17 0.00	53.52 2.65 0.00	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.63 2.53 0.00	54.79 2.56 0.00	55.81 2.25 0.00	56.93 2.87 0.00	58.96 2.16 0.00	57.33 1.29 0.00	63.64 2.09 0.00	70.76 3.33 0.45	67.48 5.19 9.73	54.31 6.72 24.72	53.03 7.25 29.72	59.15 8.57 31.86	69.58 9.16 32.15	66.99 7.36 29.07	51.74 5.77 30.99	65.96 4.06 10.65	56.19 2.32 10.67	59.24 1.39 0.01	51.65 1.46 0.31
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.30 5.54 -2.79	80.72 3.92 -4.25	70.51 2.71 -3.26	60.12 2.26 -0.01	53.27 2.78 0.00
GRISSOM___SOLAR 323813	58.93 3.39 0.00	53.82 2.95 0.00	49.34 2.66 0.00	45.51 2.45 0.00	45.26 2.48 0.00	49.00 2.91 0.00	55.62 3.39 0.00	56.72 3.16 0.00	56.61 2.54 0.00	58.56 1.76 0.00	57.05 1.01 0.00	62.35 0.80 0.00	68.84 0.95 0.00	73.83 1.80 0.00	76.12 2.60 -1.22	78.68 3.17 0.00	89.92 4.28 -3.20	99.15 5.84 -0.74	96.00 7.01 -0.30	83.74 6.77 0.00	78.50 5.95 0.00	69.19 4.65 0.00	61.56 3.71 0.00	53.58 3.08 0.00
GROVEVILLE___HYD 323602	57.87 2.33 0.00	53.06 2.19 0.00	48.65 1.96 0.00	44.82 1.77 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.53 2.30 0.00	55.81 2.25 0.00	56.56 2.49 0.00	59.24 2.44 0.00	58.56 2.52 0.00	64.56 3.02 0.00	71.69 3.80 0.00	77.14 5.11 0.00	78.96 6.22 -0.44	82.45 6.95 0.00	91.49 7.91 -1.14	101.63 8.79 -0.26	96.05 7.36 0.00	82.89 5.93 0.00	77.05 4.50 0.00	67.70 3.16 0.00	60.35 2.49 0.00	52.72 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
HAMLTNNY_34_KV_TB 80303	55.48 -0.06 0.00	50.62 -0.25 0.00	46.22 -0.47 0.00	42.49 -0.56 0.00	42.22 -0.56 0.00	45.54 -0.55 0.00	51.71 -0.52 0.00	53.24 -0.32 0.00	53.69 -0.38 0.00	56.57 -0.23 0.00	55.99 -0.06 0.00	61.49 -0.06 0.00	68.02 0.14 0.00	72.39 0.36 0.00	72.81 0.51 0.00	76.41 0.91 0.00	83.10 0.66 0.00	93.77 1.20 0.00	90.11 1.42 0.00	78.51 1.54 0.00	73.57 1.02 0.00	64.93 0.39 0.00	57.97 0.12 0.00	50.55 0.05 0.00

HAMPSHIRE___PAPER_HYD 323593	57.54 2.00 0.00	52.81 1.93 0.00	48.36 1.68 0.00	44.47 1.42 0.00	44.23 1.46 0.00	47.75 1.66 0.00	54.27 2.03 0.00	55.59 2.03 0.00	55.69 1.62 0.00	58.45 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.79 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.72 -1.85 0.00	88.78 0.09 0.00	77.35 0.39 0.00	73.71 1.16 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
HARDSCRABBLE_WT_PWR 323673	55.98 0.44 0.00	51.23 0.36 0.00	47.01 0.33 0.00	43.31 0.26 0.00	43.08 0.30 0.00	46.46 0.37 0.00	52.70 0.47 0.00	54.04 0.48 0.00	54.55 0.49 0.00	57.31 0.51 0.00	56.49 0.45 0.00	61.98 0.43 0.00	68.43 0.54 0.00	72.82 0.79 0.00	73.24 0.94 0.00	76.41 0.91 0.00	83.43 0.99 0.00	93.59 1.02 0.00	89.84 1.15 0.00	77.89 0.93 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.15 0.29 0.00	50.70 0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	57.43 1.89 0.00	52.65 1.78 0.00	48.27 1.59 0.00	44.52 1.46 0.00	44.19 1.41 0.00	47.70 1.61 0.00	54.06 1.83 0.00	55.38 1.82 0.00	56.18 2.11 0.00	58.84 2.04 0.00	58.17 2.13 0.00	64.19 2.65 0.00	71.28 3.39 0.00	76.78 4.75 0.00	78.57 5.78 -0.48	81.92 6.42 0.00	91.12 7.42 -1.27	101.01 8.15 -0.29	95.26 6.56 0.00	82.28 5.31 0.00	76.40 3.85 0.00	67.25 2.71 0.00	59.88 2.03 0.00	52.42 1.92 0.00
HARSNRAD_115KV_TB1 81005	54.71 -0.83 0.00	49.81 -1.07 0.00	44.58 -2.10 0.00	40.94 -2.11 0.00	40.68 -2.10 0.00	43.79 -2.30 0.00	49.67 -2.56 0.00	51.20 -2.36 0.00	51.42 -2.65 0.00	55.32 -1.48 0.00	54.92 -1.12 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.94 -1.08 0.00	71.36 -0.94 0.00	75.65 0.15 0.00	81.53 -0.91 0.00	92.29 -0.28 0.00	88.43 -0.27 0.00	77.35 0.38 0.00	71.32 -1.23 0.00	63.57 -0.97 0.00	57.16 -0.69 0.00	50.35 -0.15 0.00
HARZA MOOSE___RIVER 24016	57.76 2.22 0.00	52.86 1.98 0.00	48.27 1.59 0.00	44.39 1.33 0.00	44.15 1.37 0.00	47.66 1.57 0.00	54.16 1.93 0.00	55.65 2.09 0.00	55.96 1.89 0.00	58.67 1.87 0.00	57.61 1.57 0.00	63.09 1.54 0.00	69.52 1.63 0.00	73.75 1.73 0.00	74.04 1.74 0.00	77.24 1.74 0.00	83.76 1.32 0.00	94.51 1.94 0.00	92.24 3.55 0.00	80.28 3.31 0.00	75.67 3.12 0.00	67.12 2.58 0.00	60.00 2.14 0.00	52.16 1.67 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	54.82 -0.72 0.00	50.06 -0.81 0.00	45.75 -0.93 0.00	42.11 -0.95 0.00	41.84 -0.94 0.00	45.12 -0.97 0.00	51.24 -0.99 0.00	52.70 -0.86 0.00	53.20 -0.87 0.00	56.00 -0.80 0.00	55.37 -0.67 0.00	60.81 -0.74 0.00	67.28 -0.61 0.00	71.67 -0.36 0.00	72.09 -0.22 0.00	75.58 0.08 0.00	82.27 -0.16 0.00	92.66 0.09 0.00	88.87 0.18 0.00	77.35 0.38 0.00	72.48 -0.07 0.00	64.09 -0.45 0.00	57.22 -0.64 0.00	49.89 -0.61 0.00
HELLGATE_13_KV_LD 55870	57.71 2.17 0.00	53.17 2.29 0.00	49.11 2.43 0.00	45.29 2.24 0.00	45.00 2.22 0.00	48.58 2.49 0.00	54.64 2.40 0.00	55.97 2.41 0.00	56.93 2.87 0.00	59.47 2.67 0.00	59.35 3.31 0.00	63.59 3.08 1.04	68.12 3.73 3.50	74.14 5.33 3.21	79.46 6.58 -0.58	82.76 7.25 -0.01	92.43 8.49 -1.50	102.08 9.16 -0.35	95.94 7.18 -0.06	72.72 5.62 9.87	68.20 3.92 8.27	62.91 2.78 4.41	60.12 2.26 0.00	53.32 2.83 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.71 2.17 0.00	53.17 2.29 0.00	49.11 2.43 0.00	45.29 2.24 0.00	45.00 2.22 0.00	48.58 2.49 0.00	54.64 2.40 0.00	55.97 2.41 0.00	56.93 2.87 0.00	59.47 2.67 0.00	59.35 3.31 0.00	63.59 3.08 1.04	68.12 3.73 3.50	74.14 5.33 3.21	79.46 6.58 -0.58	82.76 7.25 -0.01	92.43 8.49 -1.50	102.08 9.16 -0.35	95.94 7.18 -0.06	72.72 5.62 9.87	68.20 3.92 8.27	62.91 2.78 4.41	60.12 2.26 0.00	53.32 2.83 0.00
HEMPSTEAD___ 23647	58.04 2.50 0.00	53.53 2.64 -0.01	49.12 2.43 -0.01	45.30 2.24 -0.01	45.01 2.22 -0.01	48.59 2.49 -0.01	54.74 2.51 0.00	56.07 2.52 0.00	56.88 2.81 0.00	58.90 2.10 0.00	58.12 2.07 0.00	64.50 2.95 0.00	71.96 4.07 0.00	79.81 5.91 -1.88	81.55 7.16 -2.08	84.13 7.85 -0.77	95.21 8.99 -3.79	102.73 9.81 -0.35	96.74 7.99 -0.06	83.36 6.38 -0.01	77.21 4.65 -0.01	67.70 3.16 0.00	60.07 2.20 -0.01	52.46 1.97 0.00
HICKLING___1 23621	56.26 0.72 0.00	51.23 0.36 0.00	46.36 -0.33 0.00	42.71 -0.34 0.00	42.44 -0.34 0.00	45.72 -0.37 0.00	51.97 -0.26 0.00	53.50 -0.05 0.00	53.69 -0.38 0.00	56.85 0.06 0.00	56.38 0.34 0.00	62.04 0.49 0.00	68.84 0.95 0.00	73.39 1.37 0.00	73.89 1.59 0.00	77.92 2.42 0.00	84.50 2.06 0.00	95.63 3.05 0.00	91.71 3.02 0.00	80.20 3.23 0.00	74.73 2.18 0.00	65.90 1.36 0.00	58.90 1.04 0.00	51.66 1.16 0.00
HICKLING___2 23622	56.26 0.72 0.00	51.23 0.36 0.00	46.36 -0.33 0.00	42.71 -0.34 0.00	42.44 -0.34 0.00	45.72 -0.37 0.00	51.97 -0.26 0.00	53.50 -0.05 0.00	53.69 -0.38 0.00	56.85 0.06 0.00	56.38 0.34 0.00	62.04 0.49 0.00	68.84 0.95 0.00	73.39 1.37 0.00	73.89 1.59 0.00	77.92 2.42 0.00	84.50 2.06 0.00	95.63 3.05 0.00	91.71 3.02 0.00	80.20 3.23 0.00	74.73 2.18 0.00	65.90 1.36 0.00	58.90 1.04 0.00	51.66 1.16 0.00
HIGH FALLS___HY 23754	58.09 2.55 0.00	53.26 2.39 0.00	48.79 2.10 0.00	44.91 1.85 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.58 2.35 0.00	55.91 2.36 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.62 2.58 0.00	64.62 3.08 0.00	71.76 3.87 0.00	77.28 5.26 0.00	77.93 6.22 0.59	82.60 7.10 0.00	88.97 8.08 1.55	101.28 9.07 0.36	96.18 7.63 0.14	83.28 6.31 0.00	77.41 4.86 0.00	68.09 3.55 0.00	60.58 2.72 0.00	52.97 2.47 0.00
HIGH_RIVER___SOLAR 323847	57.54 2.00 0.00	52.65 1.78 0.00	48.32 1.63 0.00	44.56 1.51 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.22 1.98 0.00	55.32 1.76 0.00	55.47 1.40 0.00	57.65 0.85 0.00	56.38 0.34 0.00	61.86 0.31 0.00	68.37 0.48 0.00	73.25 1.22 0.00	75.62 2.02 -1.29	78.08 2.57 0.00	89.12 3.30 -3.38	97.61 4.26 -0.78	93.80 4.79 -0.32	81.51 4.54 0.00	76.40 3.84 0.00	67.38 2.84 0.00	60.06 2.20 0.00	52.37 1.87 0.00
HILLBURN___GT 23639	57.15 1.61 0.00	52.45 1.58 0.00	48.08 1.40 0.00	44.39 1.34 0.00	44.06 1.28 0.00	47.56 1.47 0.00	53.80 1.57 0.00	55.16 1.61 0.00	56.01 1.94 0.00	58.73 1.93 0.00	58.06 2.01 0.00	64.01 2.46 0.00	71.08 3.19 0.00	76.70 4.68 0.00	78.52 5.71 -0.50	81.85 6.34 0.00	91.01 7.26 -1.32	100.84 7.96 -0.30	94.99 6.30 0.00	81.90 4.93 0.00	75.96 3.41 0.00	66.86 2.32 0.00	59.59 1.73 0.00	52.21 1.72 0.00
HILLSIDE_115KV_TB1 80332	55.43 -0.11 0.00	50.52 -0.36 0.00	45.70 -0.98 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.12 -0.97 0.00	51.24 -0.99 0.00	52.70 -0.86 0.00	52.99 -1.08 0.00	56.12 -0.68 0.00	55.59 -0.45 0.00	61.24 -0.31 0.00	67.95 0.07 0.00	72.53 0.50 0.00	73.03 0.72 0.00	76.94 1.43 0.00	83.51 1.07 0.00	94.33 1.76 0.00	90.29 1.60 0.00	78.81 1.85 0.00	73.42 0.87 0.00	64.86 0.32 0.00	57.97 0.12 0.00	50.90 0.40 0.00

HISHELDN_WT_PWR 323625	55.54 0.00 0.00	50.62 -0.25 0.00	45.33 -1.36 0.00	41.67 -1.38 0.00	41.45 -1.33 0.00	44.66 -1.43 0.00	50.71 -1.52 0.00	52.27 -1.29 0.00	52.39 -1.68 0.00	56.06 -0.74 0.00	55.82 -0.22 0.00	61.18 -0.37 0.00	67.68 -0.20 0.00	72.24 0.22 0.00	72.67 0.36 0.00	76.93 1.43 0.00	83.26 0.82 0.00	94.05 1.48 0.00	90.20 1.51 0.00	78.96 2.00 0.00	73.06 0.51 0.00	64.93 0.39 0.00	58.27 0.41 0.00	51.35 0.86 0.00
HOLTSVILLE_IC_1 23690	58.70 3.16 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.12 2.07 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.73 6.34 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.77 9.48 -151.86	246.97 10.37 -144.03	226.12 8.60 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.10 2.22 -1.38
HOLTSVILLE_IC_10 23699	59.15 3.61 0.00	54.75 3.86 -0.01	50.20 3.50 -0.01	46.20 3.14 -0.01	45.95 3.17 -0.01	49.74 3.64 -0.01	55.99 3.76 0.00	57.30 3.75 0.00	58.13 4.06 0.00	59.69 2.90 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.12 5.09 -2.14	128.01 7.06 -48.92	203.82 8.31 -123.20	227.28 8.98 -142.80	256.31 10.22 -163.65	258.70 10.83 -155.31	236.67 9.05 -138.93	232.38 7.62 -147.80	129.16 5.81 -50.80	119.50 4.07 -50.89	60.87 3.01 -0.01	54.56 2.57 -1.49
HOLTSVILLE_IC_2 23691	58.70 3.16 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.12 2.07 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.73 6.34 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.77 9.48 -151.86	246.97 10.37 -144.03	226.12 8.60 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.10 2.22 -1.38
HOLTSVILLE_IC_3 23692	58.70 3.16 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.12 2.07 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.73 6.34 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.77 9.48 -151.86	246.97 10.37 -144.03	226.12 8.60 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.10 2.22 -1.38
HOLTSVILLE_IC_4 23693	58.70 3.16 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.12 2.07 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.73 6.34 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.77 9.48 -151.86	246.97 10.37 -144.03	226.12 8.60 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.10 2.22 -1.38
HOLTSVILLE_IC_5 23694	58.70 3.16 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.12 2.07 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.73 6.34 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.77 9.48 -151.86	246.97 10.37 -144.03	226.12 8.60 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.10 2.22 -1.38
HOLTSVILLE_IC_6 23695	59.15 3.61 0.00	54.75 3.86 -0.01	50.20 3.50 -0.01	46.20 3.14 -0.01	45.95 3.17 -0.01	49.74 3.64 -0.01	55.99 3.76 0.00	57.30 3.75 0.00	58.13 4.06 0.00	59.69 2.90 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.12 5.09 -2.14	128.01 7.06 -48.92	203.82 8.31 -123.20	227.28 8.98 -142.80	256.31 10.22 -163.65	258.70 10.83 -155.31	236.67 9.05 -138.93	232.38 7.62 -147.80	129.16 5.81 -50.80	119.50 4.07 -50.89	60.87 3.01 -0.01	54.56 2.57 -1.49
HOLTSVILLE_IC_7 23696	59.15 3.61 0.00	54.75 3.86 -0.01	50.20 3.50 -0.01	46.20 3.14 -0.01	45.95 3.17 -0.01	49.74 3.64 -0.01	55.99 3.76 0.00	57.30 3.75 0.00	58.13 4.06 0.00	59.69 2.90 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.12 5.09 -2.14	128.01 7.06 -48.92	203.82 8.31 -123.20	227.28 8.98 -142.80	256.31 10.22 -163.65	258.70 10.83 -155.31	236.67 9.05 -138.93	232.38 7.62 -147.80	129.16 5.81 -50.80	119.50 4.07 -50.89	60.87 3.01 -0.01	54.56 2.57 -1.49
HOLTSVILLE_IC_8 23697	59.15 3.61 0.00	54.75 3.86 -0.01	50.20 3.50 -0.01	46.20 3.14 -0.01	45.95 3.17 -0.01	49.74 3.64 -0.01	55.99 3.76 0.00	57.30 3.75 0.00	58.13 4.06 0.00	59.69 2.90 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.12 5.09 -2.14	128.01 7.06 -48.92	203.82 8.31 -123.20	227.28 8.98 -142.80	256.31 10.22 -163.65	258.70 10.83 -155.31	236.67 9.05 -138.93	232.38 7.62 -147.80	129.16 5.81 -50.80	119.50 4.07 -50.89	60.87 3.01 -0.01	54.56 2.57 -1.49
HOLTSVILLE_IC_9 23698	59.15 3.61 0.00	54.75 3.86 -0.01	50.20 3.50 -0.01	46.20 3.14 -0.01	45.95 3.17 -0.01	49.74 3.64 -0.01	55.99 3.76 0.00	57.30 3.75 0.00	58.13 4.06 0.00	59.69 2.90 0.00	58.57 2.52 0.00	65.24 3.69 0.00	75.12 5.09 -2.14	128.01 7.06 -48.92	203.82 8.31 -123.20	227.28 8.98 -142.80	256.31 10.22 -163.65	258.70 10.83 -155.31	236.67 9.05 -138.93	232.38 7.62 -147.80	129.16 5.81 -50.80	119.50 4.07 -50.89	60.87 3.01 -0.01	54.56 2.57 -1.49
HOMER_HL_115KV_TB2 355744	54.93 -0.61 0.00	49.91 -0.97 0.00	44.63 -2.05 0.00	41.20 -1.85 0.00	40.98 -1.80 0.00	44.06 -2.03 0.00	50.14 -2.09 0.00	51.68 -1.87 0.00	51.96 -2.11 0.00	55.55 -1.25 0.00	55.09 -0.95 0.00	60.93 -0.62 0.00	67.62 -0.27 0.00	72.39 0.36 0.00	72.81 0.51 0.00	77.09 1.59 0.00	83.18 0.74 0.00	94.24 1.67 0.00	89.93 1.24 0.00	78.66 1.69 0.00	72.48 -0.07 0.00	64.28 -0.26 0.00	57.51 -0.35 0.00	50.85 0.35 0.00
HOWARD_WT_PWR 323690	56.65 1.11 0.00	51.59 0.71 0.00	46.45 -0.23 0.00	42.71 -0.35 0.00	42.43 -0.34 0.00	45.86 -0.23 0.00	52.13 -0.10 0.00	53.61 0.05 0.00	53.53 -0.54 0.00	56.80 0.00 0.00	56.49 0.45 0.00	61.92 0.37 0.00	68.64 0.75 0.00	73.11 1.08 0.00	73.53 1.23 0.00	77.85 2.34 0.00	84.41 1.98 0.00	95.44 2.87 0.00	91.98 3.28 0.00	80.89 3.92 0.00	75.24 2.69 0.00	66.47 1.93 0.00	59.42 1.56 0.00	52.21 1.72 0.00
HQ_GEN_CEDARS 23644	56.82 1.28 0.00	52.20 1.32 0.00	47.99 1.31 0.00	44.22 1.16 0.00	43.93 1.15 0.00	47.33 1.24 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.10 1.03 0.00	57.88 1.08 0.00	56.99 0.95 0.00	62.35 0.80 0.00	68.16 0.27 0.00	71.16 -0.86 0.00	70.50 -1.81 0.00	72.79 -2.72 0.00	79.31 -3.13 0.00	88.78 -3.80 0.00	86.21 -2.48 0.00	74.81 -2.16 0.00	71.75 -0.80 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.31 0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	56.82 1.28 0.00	52.19 1.32 0.00	47.99 1.31 0.00	44.22 1.16 0.00	43.93 1.16 0.00	47.34 1.24 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.09 1.02 0.00	57.87 1.08 0.00	56.99 0.95 0.00	62.35 0.80 0.00	68.16 0.27 0.00	71.16 -0.86 0.00	70.50 -1.80 0.00	72.79 -2.72 0.00	79.31 -3.13 0.00	88.86 -3.71 0.00	86.21 -2.48 0.00	74.73 -2.23 0.00	71.97 -0.58 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.30 0.81 0.00

HQ_GEN_IMPORT 323601	55.87 0.34 0.00	51.28 0.41 0.00	47.10 0.42 0.00	43.44 0.39 0.00	43.16 0.38 0.00	46.46 0.37 0.00	52.70 0.47 0.00	53.93 0.38 0.00	54.39 0.33 0.00	57.14 0.34 0.00	56.32 0.28 0.00	61.79 0.25 0.00	69.98 0.00 -2.09	69.99 -0.79 1.24	70.01 -1.45 0.85	73.77 -1.73 0.00	80.46 -1.98 0.00	90.26 -2.31 0.00	86.83 -1.87 0.00	71.59 -1.69 3.68	70.00 -0.73 1.83	69.98 -0.06 -5.50	58.09 0.23 0.00	50.75 0.25 0.00
HQ_GEN_WHEEL 23651	55.87 0.34 0.00	51.28 0.41 0.00	47.10 0.42 0.00	43.44 0.39 0.00	43.16 0.38 0.00	46.46 0.37 0.00	52.70 0.47 0.00	53.93 0.38 0.00	54.39 0.33 0.00	57.14 0.34 0.00	56.32 0.28 0.00	61.79 0.25 0.00	69.98 0.00 -2.09	69.99 -0.79 1.24	70.01 -1.45 0.85	73.77 -1.73 0.00	80.46 -1.98 0.00	90.26 -2.31 0.00	86.83 -1.87 0.00	71.59 -1.69 3.68	70.00 -0.73 1.83	69.98 -0.06 -5.50	58.09 0.23 0.00	50.75 0.25 0.00
HUDSON AVE_GT_3 23810	57.65 2.11 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.62 1.84 0.00	48.21 2.12 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.83 2.76 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.87 3.32 0.00	71.89 4.01 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.13 7.63 0.00	92.84 8.90 -1.50	102.45 9.53 -0.35	96.29 7.54 -0.06	82.82 5.85 0.00	76.69 4.14 0.00	67.51 2.97 0.00	60.35 2.49 0.00	52.82 2.32 0.00
HUDSON AVE_GT_4 23540	57.65 2.11 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.62 1.84 0.00	48.21 2.12 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.83 2.76 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.87 3.32 0.00	71.89 4.01 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.13 7.63 0.00	92.84 8.90 -1.50	102.45 9.53 -0.35	96.29 7.54 -0.06	82.82 5.85 0.00	76.69 4.14 0.00	67.51 2.97 0.00	60.35 2.49 0.00	52.82 2.32 0.00
HUDSON AVE_GT_5 23657	57.65 2.11 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.62 1.84 0.00	48.21 2.12 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.83 2.76 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.87 3.32 0.00	71.89 4.01 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.13 7.63 0.00	92.84 8.90 -1.50	102.45 9.53 -0.35	96.29 7.54 -0.06	82.82 5.85 0.00	76.69 4.14 0.00	67.51 2.97 0.00	60.35 2.49 0.00	52.82 2.32 0.00
HUDSON_AVE_10 24168	57.48 1.94 0.00	52.86 1.98 0.00	48.55 1.87 0.00	44.82 1.77 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.75 2.20 0.00	56.72 2.65 0.00	59.47 2.67 0.00	58.90 2.86 0.00	64.69 3.14 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.67 6.80 -0.57	82.98 7.47 0.00	92.68 8.74 -1.50	102.27 9.35 -0.35	96.20 7.45 -0.06	82.74 5.77 0.00	76.62 4.06 0.00	67.32 2.78 0.00	60.23 2.37 0.00	52.72 2.22 0.00
HUDSON___115KV_TB 4 355613	56.59 1.06 0.00	51.74 0.86 0.00	47.52 0.84 0.00	43.79 0.73 0.00	43.55 0.77 0.00	46.97 0.88 0.00	53.22 0.99 0.00	54.20 0.64 0.00	54.61 0.54 0.00	57.02 0.23 0.00	55.99 -0.06 0.00	61.36 -0.18 0.00	67.89 0.00 0.00	72.82 0.79 0.00	67.26 2.10 7.15	77.29 1.81 0.03	66.76 3.05 18.73	91.95 3.70 4.33	91.01 3.64 1.32	77.94 3.31 2.34	74.51 1.96 0.00	65.57 1.03 0.00	58.55 0.69 0.00	50.90 0.40 0.00
HUNTER MOUNT___DRP 323613	56.76 1.22 0.00	51.84 0.97 0.00	47.57 0.89 0.00	43.83 0.77 0.00	43.55 0.77 0.00	47.01 0.92 0.00	53.33 1.10 0.00	54.25 0.70 0.00	54.61 0.54 0.00	56.97 0.17 0.00	55.82 -0.22 0.00	61.30 -0.25 0.00	67.82 -0.07 0.00	72.67 0.65 0.00	69.13 2.31 5.49	77.22 1.74 0.02	71.44 3.38 14.38	93.41 4.17 3.32	92.02 4.35 1.01	79.03 3.93 1.86	74.80 2.25 0.00	65.83 1.29 0.00	58.67 0.81 0.00	51.00 0.50 0.00
HUNTINGTON_RES_REC 323705	58.26 2.72 0.00	54.09 3.21 -0.01	49.59 2.90 -0.01	45.69 2.63 -0.01	45.44 2.65 -0.01	49.09 2.99 -0.01	55.31 3.08 0.00	56.61 3.05 0.00	57.31 3.24 0.00	58.78 1.99 0.00	57.78 1.74 0.00	64.38 2.83 0.00	77.06 4.14 -5.03	192.49 6.05 -114.41	368.10 7.52 -288.28	419.04 8.23 -335.31	473.76 9.48 -381.85	467.29 10.27 -364.44	423.56 8.52 -326.36	431.01 6.77 -347.27	196.78 4.86 -119.37	187.23 3.10 -119.59	59.97 2.08 -0.03	55.88 1.87 -3.51
HUNTLEY___63 23557	55.37 -0.17 0.00	50.42 -0.46 0.00	45.10 -1.59 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.29 -1.80 0.00	50.30 -1.93 0.00	52.00 -1.55 0.00	52.28 -1.78 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	82.93 0.49 0.00	93.96 1.39 0.00	89.93 1.24 0.00	78.58 1.62 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.09 0.23 0.00	51.25 0.76 0.00
HUNTLEY___64 23558	55.37 -0.17 0.00	50.42 -0.46 0.00	45.10 -1.59 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.29 -1.80 0.00	50.30 -1.93 0.00	52.00 -1.55 0.00	52.28 -1.78 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	82.93 0.49 0.00	93.96 1.39 0.00	89.93 1.24 0.00	78.58 1.62 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.09 0.23 0.00	51.25 0.76 0.00
HUNTLEY___65 23559	55.37 -0.17 0.00	50.42 -0.46 0.00	45.10 -1.59 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.29 -1.80 0.00	50.30 -1.93 0.00	52.00 -1.55 0.00	52.28 -1.78 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	82.93 0.49 0.00	93.96 1.39 0.00	89.93 1.24 0.00	78.58 1.62 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.09 0.23 0.00	51.25 0.76 0.00
HUNTLEY___66 23560	55.37 -0.17 0.00	50.42 -0.46 0.00	45.10 -1.59 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.29 -1.80 0.00	50.30 -1.93 0.00	52.00 -1.55 0.00	52.28 -1.78 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	82.93 0.49 0.00	93.96 1.39 0.00	89.93 1.24 0.00	78.58 1.62 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.09 0.23 0.00	51.25 0.76 0.00
HUNTLEY___67 23561	55.04 -0.50 0.00	50.11 -0.76 0.00	44.86 -1.82 0.00	41.25 -1.81 0.00	40.98 -1.80 0.00	44.11 -1.98 0.00	50.09 -2.14 0.00	51.79 -1.77 0.00	52.07 -2.00 0.00	55.89 -0.91 0.00	55.48 -0.56 0.00	61.12 -0.43 0.00	67.48 -0.41 0.00	71.95 -0.07 0.00	72.38 0.07 0.00	76.71 1.21 0.00	82.77 0.33 0.00	93.68 1.11 0.00	89.58 0.89 0.00	78.27 1.31 0.00	72.19 -0.36 0.00	64.28 -0.26 0.00	57.80 -0.06 0.00	50.80 0.30 0.00
HUNTLEY___68 23562	55.04 -0.50 0.00	50.11 -0.76 0.00	44.86 -1.82 0.00	41.25 -1.81 0.00	40.98 -1.80 0.00	44.11 -1.98 0.00	50.09 -2.14 0.00	51.79 -1.77 0.00	52.07 -2.00 0.00	55.89 -0.91 0.00	55.48 -0.56 0.00	61.12 -0.43 0.00	67.48 -0.41 0.00	71.95 -0.07 0.00	72.38 0.07 0.00	76.71 1.21 0.00	82.77 0.33 0.00	93.68 1.11 0.00	89.58 0.89 0.00	78.27 1.31 0.00	72.19 -0.36 0.00	64.28 -0.26 0.00	57.80 -0.06 0.00	50.80 0.30 0.00

HYLAND___LFGE 323620	56.98 1.44 0.00	51.79 0.92 0.00	46.78 0.09 0.00	42.80 -0.26 0.00	42.52 -0.26 0.00	46.09 0.00 0.00	52.28 0.05 0.00	53.56 0.00 0.00	52.88 -1.19 0.00	55.72 -1.08 0.00	55.09 -0.95 0.00	60.01 -1.54 0.00	66.53 -1.36 0.00	70.59 -1.44 0.00	71.07 -1.23 0.00	75.88 0.38 0.00	82.77 0.33 0.00	94.42 1.85 0.00	91.98 3.28 0.00	81.43 4.46 0.00	76.54 3.99 0.00	67.57 3.03 0.00	59.83 1.97 0.00	52.26 1.77 0.00
INDECK___CORINTH 23802	57.37 1.83 0.00	52.40 1.52 0.00	48.08 1.40 0.00	44.30 1.25 0.00	44.06 1.28 0.00	47.66 1.57 0.00	54.11 1.88 0.00	55.48 1.93 0.00	56.07 2.00 0.00	58.61 1.82 0.00	57.05 1.01 0.00	62.59 1.05 0.00	69.11 1.22 0.00	74.18 2.16 0.00	77.33 2.82 -2.21	78.54 3.02 -0.01	92.02 3.79 -5.79	98.35 4.44 -1.34	94.89 5.68 -0.51	83.99 4.93 -2.09	76.76 4.21 0.00	67.51 2.97 0.00	59.94 2.08 0.00	52.16 1.66 0.00
INDECK___ILION 23567	55.87 0.33 0.00	51.13 0.25 0.00	46.92 0.23 0.00	43.27 0.22 0.00	42.99 0.21 0.00	46.37 0.28 0.00	52.54 0.31 0.00	53.88 0.32 0.00	54.45 0.38 0.00	57.20 0.40 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.36 0.48 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.43 0.99 0.00	93.68 1.11 0.00	89.85 1.15 0.00	77.89 0.92 0.00	73.21 0.65 0.00	64.93 0.39 0.00	58.15 0.29 0.00	50.70 0.20 0.00
INDECK___OLEAN 23982	54.93 -0.61 0.00	50.01 -0.87 0.00	44.63 -2.05 0.00	41.20 -1.85 0.00	40.98 -1.80 0.00	44.11 -1.98 0.00	50.14 -2.09 0.00	51.68 -1.88 0.00	51.96 -2.11 0.00	55.60 -1.20 0.00	55.31 -0.73 0.00	60.93 -0.62 0.00	67.62 -0.27 0.00	72.39 0.36 0.00	72.81 0.51 0.00	77.09 1.59 0.00	83.43 0.99 0.00	94.24 1.67 0.00	89.84 1.15 0.00	78.58 1.62 0.00	72.48 -0.07 0.00	64.28 -0.26 0.00	57.51 -0.35 0.00	51.00 0.50 0.00
INDECK___OSWEGO 23783	53.87 -1.66 0.00	49.30 -1.58 0.00	45.10 -1.59 0.00	41.55 -1.51 0.00	41.28 -1.50 0.00	44.52 -1.57 0.00	50.45 -1.78 0.00	51.84 -1.72 0.00	52.29 -1.78 0.00	54.98 -1.82 0.00	54.30 -1.74 0.00	59.58 -1.97 0.00	65.85 -2.03 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.91 -1.59 0.00	80.46 -1.98 0.00	90.62 -1.95 0.00	87.00 -1.69 0.00	75.73 -1.23 0.00	71.10 -1.45 0.00	62.93 -1.61 0.00	56.24 -1.62 0.00	49.03 -1.47 0.00
INDECK___YERKES 23781	55.48 -0.06 0.00	50.57 -0.30 0.00	45.15 -1.54 0.00	41.46 -1.59 0.00	41.20 -1.58 0.00	44.39 -1.70 0.00	50.40 -1.83 0.00	52.11 -1.44 0.00	52.34 -1.73 0.00	56.34 -0.46 0.00	56.21 0.17 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	83.18 0.74 0.00	93.87 1.30 0.00	89.84 1.15 0.00	78.50 1.54 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.21 0.35 0.00	51.35 0.86 0.00
INDIAN POINT_GT_1 24139	57.21 1.67 0.00	52.50 1.63 0.00	48.18 1.49 0.00	44.47 1.42 0.00	44.15 1.37 0.00	47.66 1.57 0.00	53.90 1.67 0.00	55.22 1.66 0.00	56.12 2.05 0.00	58.79 1.99 0.00	58.17 2.13 0.00	64.01 2.46 0.00	71.08 3.19 0.00	76.71 4.68 0.00	78.72 5.86 -0.56	82.00 6.49 0.00	91.40 7.50 -1.46	101.05 8.15 -0.34	95.13 6.39 -0.05	81.97 5.00 0.00	76.04 3.48 0.00	66.86 2.32 0.00	59.65 1.79 0.00	52.26 1.77 0.00
INDIAN POINT_GT_2 23659	57.21 1.67 0.00	52.50 1.63 0.00	48.18 1.49 0.00	44.47 1.42 0.00	44.15 1.37 0.00	47.66 1.57 0.00	53.90 1.67 0.00	55.22 1.66 0.00	56.12 2.05 0.00	58.79 1.99 0.00	58.17 2.13 0.00	64.01 2.46 0.00	71.08 3.19 0.00	76.71 4.68 0.00	78.72 5.86 -0.56	82.00 6.49 0.00	91.40 7.50 -1.46	101.05 8.15 -0.34	95.13 6.39 -0.05	81.97 5.00 0.00	76.04 3.48 0.00	66.86 2.32 0.00	59.65 1.79 0.00	52.26 1.77 0.00
INDIAN POINT_GT_3 24019	57.21 1.67 0.00	52.50 1.63 0.00	48.18 1.49 0.00	44.47 1.42 0.00	44.15 1.37 0.00	47.66 1.57 0.00	53.90 1.67 0.00	55.22 1.66 0.00	56.12 2.05 0.00	58.79 1.99 0.00	58.17 2.13 0.00	64.01 2.46 0.00	71.08 3.19 0.00	76.71 4.68 0.00	78.72 5.86 -0.56	82.00 6.49 0.00	91.40 7.50 -1.46	101.05 8.15 -0.34	95.13 6.39 -0.05	81.97 5.00 0.00	76.04 3.48 0.00	66.86 2.32 0.00	59.65 1.79 0.00	52.26 1.77 0.00
INDIAN POINT___2 23530	57.09 1.55 0.00	52.40 1.52 0.00	48.08 1.40 0.00	44.39 1.34 0.00	44.10 1.33 0.00	47.56 1.47 0.00	53.80 1.57 0.00	55.16 1.61 0.00	56.01 1.94 0.00	58.73 1.93 0.00	58.00 1.96 0.00	63.94 2.40 0.00	71.01 3.12 0.00	76.57 4.54 0.00	78.55 5.71 -0.54	81.77 6.26 0.00	91.10 7.26 -1.41	100.76 7.86 -0.33	94.95 6.21 -0.05	81.82 4.85 0.00	75.89 3.34 0.00	66.80 2.26 0.00	59.54 1.68 0.00	52.16 1.66 0.00
INDIAN POINT___3 23531	57.09 1.56 0.00	52.40 1.53 0.00	48.09 1.40 0.00	44.39 1.33 0.00	44.10 1.33 0.00	47.61 1.52 0.00	53.80 1.57 0.00	55.16 1.61 0.00	56.01 1.95 0.00	58.73 1.93 0.00	58.06 2.02 0.00	63.95 2.40 0.00	70.94 3.05 0.00	76.56 4.54 0.00	78.50 5.64 -0.56	81.77 6.27 0.00	91.16 7.25 -1.47	100.69 7.78 -0.34	94.87 6.12 -0.06	81.74 4.77 0.00	75.89 3.34 0.00	66.73 2.19 0.00	59.54 1.68 0.00	52.16 1.67 0.00
INGHAM_C_115KV_TB7 356103	55.98 0.44 0.00	51.23 0.36 0.00	46.96 0.28 0.00	43.31 0.26 0.00	43.08 0.30 0.00	46.46 0.37 0.00	52.65 0.42 0.00	54.04 0.48 0.00	54.50 0.43 0.00	57.25 0.45 0.00	56.43 0.39 0.00	61.98 0.43 0.00	68.43 0.54 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.35 0.91 0.00	93.50 0.93 0.00	89.76 1.06 0.00	77.81 0.85 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.21 0.35 0.00	50.70 0.20 0.00
IP CORINTH___1 23988	57.71 2.17 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.56 1.51 0.00	44.32 1.54 0.00	47.93 1.84 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.34 2.27 0.00	58.96 2.16 0.00	57.39 1.35 0.00	62.96 1.42 0.00	69.52 1.63 0.00	74.62 2.59 0.00	77.77 3.25 -2.21	78.99 3.47 -0.01	92.51 4.29 -5.79	98.91 5.00 -1.34	95.33 6.12 -0.51	84.44 5.39 -2.09	77.27 4.72 0.00	67.90 3.36 0.00	60.29 2.43 0.00	52.47 1.97 0.00
IP___TICONDEROGA 23804	60.37 4.83 0.00	55.05 4.17 0.00	50.42 3.73 0.00	46.37 3.32 0.00	46.16 3.38 0.00	50.05 3.96 0.00	56.93 4.70 0.00	58.22 4.66 0.00	58.66 4.60 0.00	61.28 4.49 0.00	59.52 3.47 0.00	65.24 3.69 0.00	72.03 4.14 0.00	77.57 5.55 0.00	80.83 6.22 -2.31	82.16 6.64 -0.01	96.40 7.91 -6.05	103.41 9.44 -1.40	100.14 10.91 -0.53	88.97 9.70 -2.31	81.40 8.85 0.00	71.45 6.91 0.00	63.18 5.32 0.00	54.94 4.44 0.00
ISLIP_RES_REC 323679	59.54 4.00 0.00	55.10 4.22 -0.01	50.47 3.78 -0.01	46.46 3.40 -0.01	46.21 3.42 -0.01	50.01 3.92 -0.01	56.31 4.08 0.00	57.63 4.07 0.00	58.50 4.43 0.00	60.15 3.35 0.00	59.07 3.02 0.00	65.79 4.24 0.00	75.60 5.77 -1.94	124.48 7.85 -44.60	193.69 9.11 -112.27	215.44 9.89 -130.04	242.86 11.21 -149.21	245.96 11.95 -141.44	225.30 10.11 -126.50	220.00 8.47 -134.57	125.34 6.53 -46.26	115.53 4.65 -46.34	61.28 3.41 -0.01	54.83 2.98 -1.36

JAMAICA__27_KV_LOAD 355505	57.98 2.44 0.00	53.21 2.34 0.00	48.83 2.15 0.00	45.12 2.07 0.00	44.79 2.01 0.00	48.44 2.35 0.00	54.79 2.56 0.00	56.34 2.78 0.00	57.42 3.35 0.00	60.21 3.41 0.00	59.40 3.36 0.00	65.30 3.75 0.00	72.44 4.55 0.00	78.29 6.27 0.00	80.54 7.66 -0.57	83.89 8.38 0.00	93.83 9.89 -1.50	103.66 10.74 -0.35	97.53 8.78 -0.06	83.89 6.93 0.00	77.63 5.08 0.00	68.15 3.61 0.00	61.10 3.24 0.00	53.32 2.83 0.00
JANIS__SOLAR 323808	58.26 2.72 0.00	53.11 2.24 0.00	48.32 1.63 0.00	44.43 1.38 0.00	44.15 1.37 0.00	47.70 1.61 0.00	54.32 2.09 0.00	55.86 2.30 0.00	55.91 1.84 0.00	58.61 1.82 0.00	57.67 1.63 0.00	63.09 1.54 0.00	69.86 1.97 0.00	74.33 2.30 0.00	74.76 2.46 0.00	78.45 2.94 0.00	85.40 2.96 0.00	97.11 4.53 0.00	94.37 5.68 0.00	82.58 5.62 0.00	77.41 4.86 0.00	68.15 3.61 0.00	60.75 2.89 0.00	52.87 2.37 0.00
JARVIS____ 23743	55.59 0.06 0.00	50.92 0.05 0.00	46.73 0.05 0.00	43.10 0.04 0.00	42.82 0.04 0.00	46.18 0.09 0.00	52.28 0.05 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.91 0.11 0.00	56.10 0.06 0.00	61.61 0.06 0.00	68.02 0.14 0.00	72.46 0.43 0.00	72.95 0.65 0.00	76.18 0.68 0.00	83.26 0.82 0.00	93.50 0.93 0.00	89.49 0.80 0.00	77.66 0.69 0.00	72.99 0.44 0.00	64.73 0.19 0.00	57.92 0.06 0.00	50.55 0.05 0.00
JENNISON____1 23625	58.43 2.89 0.00	53.32 2.44 0.00	48.60 1.91 0.00	44.73 1.68 0.00	44.45 1.67 0.00	47.98 1.89 0.00	54.58 2.35 0.00	56.18 2.62 0.00	56.50 2.43 0.00	59.47 2.67 0.00	58.51 2.47 0.00	64.19 2.65 0.00	71.08 3.19 0.00	75.70 3.67 0.00	76.28 3.98 0.00	79.96 4.45 0.00	86.97 4.53 0.00	98.49 5.92 0.00	95.26 6.56 0.00	82.97 6.00 0.00	77.56 5.01 0.00	68.35 3.81 0.00	60.93 3.07 0.00	53.02 2.52 0.00
JENNISON____2 23626	58.43 2.89 0.00	53.32 2.44 0.00	48.60 1.91 0.00	44.73 1.68 0.00	44.45 1.67 0.00	47.98 1.89 0.00	54.58 2.35 0.00	56.18 2.62 0.00	56.50 2.43 0.00	59.47 2.67 0.00	58.51 2.47 0.00	64.19 2.65 0.00	71.08 3.19 0.00	75.70 3.67 0.00	76.28 3.98 0.00	79.96 4.45 0.00	86.97 4.53 0.00	98.49 5.92 0.00	95.26 6.56 0.00	82.97 6.00 0.00	77.56 5.01 0.00	68.35 3.81 0.00	60.93 3.07 0.00	53.02 2.52 0.00
JERICOHO_RISE_WT_PWR 323719	56.15 0.61 0.00	51.59 0.71 0.00	47.57 0.88 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.17 0.94 0.00	54.36 0.80 0.00	54.66 0.60 0.00	57.42 0.63 0.00	56.66 0.62 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.09 -0.94 0.00	70.50 -1.80 0.00	73.24 -2.26 0.00	79.88 -2.56 0.00	89.52 -3.05 0.00	86.66 -2.04 0.00	75.12 -1.85 0.00	71.97 -0.58 0.00	64.67 0.13 0.00	58.32 0.46 0.00	51.00 0.50 0.00
KATONAH__115KV_46KV_TB4 355592	57.54 2.00 0.00	52.81 1.93 0.00	48.51 1.82 0.00	44.69 1.64 0.00	44.36 1.58 0.00	47.98 1.89 0.00	54.32 2.09 0.00	55.59 2.04 0.00	56.45 2.38 0.00	59.13 2.33 0.00	58.62 2.58 0.00	64.50 2.95 0.00	71.76 3.87 0.00	77.50 5.47 0.00	79.39 6.51 -0.58	82.98 7.47 0.00	92.45 8.49 -1.52	102.18 9.26 -0.35	96.20 7.45 -0.06	82.74 5.77 0.00	76.83 4.28 0.00	67.38 2.84 0.00	60.12 2.26 0.00	52.57 2.07 0.00
KCE_NY_1 323755	57.82 2.28 0.00	52.86 1.98 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.48 2.24 0.00	55.86 2.30 0.00	56.39 2.32 0.00	59.01 2.21 0.00	57.89 1.85 0.00	63.52 1.97 0.00	70.20 2.31 0.00	75.34 3.31 0.00	78.80 4.05 -2.45	79.81 4.30 -0.01	93.97 5.11 -6.42	99.89 5.84 -1.48	95.37 6.12 -0.56	84.89 5.31 -2.61	76.91 4.35 0.00	67.77 3.23 0.00	60.34 2.49 0.00	52.52 2.02 0.00
KCE_NY_6_ESR 323823	55.82 0.28 0.00	50.82 -0.05 0.00	45.43 -1.26 0.00	41.76 -1.29 0.00	41.50 -1.28 0.00	44.71 -1.38 0.00	50.77 -1.46 0.00	52.49 -1.07 0.00	52.77 -1.30 0.00	56.68 -0.11 0.00	56.55 0.50 0.00	61.98 0.43 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.61 1.30 0.00	78.07 2.57 0.00	84.34 1.90 0.00	95.26 2.69 0.00	91.09 2.40 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.25 0.71 0.00	58.61 0.75 0.00	51.71 1.21 0.00
KEDC PORT_JEFF_GT2 24210	58.87 3.33 0.00	54.55 3.66 -0.01	50.01 3.31 -0.01	46.07 3.01 -0.01	45.78 2.99 -0.01	49.56 3.46 -0.01	55.78 3.55 0.00	57.09 3.53 0.00	57.91 3.84 0.00	59.47 2.67 0.00	58.23 2.18 0.00	64.75 3.20 0.00	74.48 4.21 -2.38	132.50 5.97 -54.50	216.81 7.23 -137.28	242.65 7.93 -159.22	273.84 9.15 -182.25	275.63 9.91 -173.15	251.77 8.15 -154.92	248.25 6.47 -164.81	133.92 4.71 -56.65	124.52 3.23 -56.75	60.47 2.61 -0.01	54.53 2.37 -1.66
KEDC PORT_JEFF_GT3 24211	58.87 3.33 0.00	54.55 3.66 -0.01	50.01 3.31 -0.01	46.07 3.01 -0.01	45.78 2.99 -0.01	49.56 3.46 -0.01	55.78 3.55 0.00	57.09 3.53 0.00	57.91 3.84 0.00	59.47 2.67 0.00	58.23 2.18 0.00	64.75 3.20 0.00	74.48 4.21 -2.38	132.50 5.97 -54.50	216.81 7.23 -137.28	242.65 7.93 -159.22	273.84 9.15 -182.25	275.63 9.91 -173.15	251.77 8.15 -154.92	248.25 6.47 -164.81	133.92 4.71 -56.65	124.52 3.23 -56.75	60.47 2.61 -0.01	54.53 2.37 -1.66
KEDC_GLWD_GT4 24219	58.15 2.61 0.00	53.53 2.64 -0.01	49.12 2.43 -0.01	45.34 2.28 -0.01	45.01 2.22 -0.01	48.59 2.49 -0.01	54.84 2.61 0.00	56.02 2.46 0.00	56.93 2.86 0.00	59.18 2.39 0.00	58.40 2.35 0.00	64.68 3.14 0.00	72.10 4.21 0.00	79.68 5.97 -1.68	81.46 7.23 -1.92	84.05 7.85 -0.69	94.97 8.99 -3.54	102.73 9.81 -0.35	96.74 7.99 -0.06	83.29 6.31 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.07 2.20 -0.01	52.82 2.32 0.00
KEDC_GLWD_GT5 24220	58.15 2.61 0.00	53.53 2.64 -0.01	49.12 2.43 -0.01	45.34 2.28 -0.01	45.01 2.22 -0.01	48.59 2.49 -0.01	54.84 2.61 0.00	56.02 2.46 0.00	56.93 2.86 0.00	59.18 2.39 0.00	58.40 2.35 0.00	64.68 3.14 0.00	72.10 4.21 0.00	79.68 5.97 -1.68	81.46 7.23 -1.92	84.05 7.85 -0.69	94.97 8.99 -3.54	102.73 9.81 -0.35	96.74 7.99 -0.06	83.29 6.31 -0.01	77.06 4.50 -0.01	67.64 3.10 0.00	60.07 2.20 -0.01	52.82 2.32 0.00
KENSICO____ 23655	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.60 1.55 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.06 1.83 0.00	55.43 1.87 0.00	56.34 2.27 0.00	59.07 2.27 0.00	58.45 2.41 0.00	64.32 2.77 0.00	71.35 3.46 0.00	77.07 5.04 0.00	79.09 6.22 -0.57	82.38 6.87 0.00	91.85 7.91 -1.49	101.43 8.52 -0.35	95.49 6.74 -0.06	82.20 5.23 0.00	76.25 3.70 0.00	67.06 2.52 0.00	59.88 2.03 0.00	52.42 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	58.04 2.50 0.00	53.16 2.29 0.00	48.69 2.01 0.00	44.82 1.77 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.53 2.30 0.00	55.75 2.20 0.00	56.50 2.43 0.00	59.13 2.33 0.00	58.40 2.35 0.00	64.38 2.83 0.00	71.49 3.60 0.00	76.92 4.90 0.00	78.23 5.93 0.00	82.22 6.72 0.00	90.19 7.75 0.00	101.27 8.70 0.00	95.98 7.36 0.07	83.12 6.16 0.00	77.27 4.72 0.00	67.96 3.42 0.00	60.52 2.66 0.00	52.82 2.32 0.00

KIAC_JFK_GT1 23816	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.16 2.07 0.00	54.27 2.04 0.00	55.81 2.25 0.00	56.88 2.81 0.00	59.64 2.84 0.00	58.84 2.80 0.00	64.69 3.14 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.74 6.87 -0.57	83.06 7.55 0.00	92.84 8.90 -1.50	102.54 9.63 -0.35	96.47 7.72 -0.06	82.97 6.00 0.00	76.83 4.28 0.00	67.38 2.84 0.00	60.40 2.55 0.00	52.77 2.27 0.00
KIAC_JFK_GT2 23817	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.16 2.07 0.00	54.27 2.04 0.00	55.81 2.25 0.00	56.88 2.81 0.00	59.64 2.84 0.00	58.84 2.80 0.00	64.69 3.14 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.74 6.87 -0.57	83.06 7.55 0.00	92.84 8.90 -1.50	102.54 9.63 -0.35	96.47 7.72 -0.06	82.97 6.00 0.00	76.83 4.28 0.00	67.38 2.84 0.00	60.40 2.55 0.00	52.77 2.27 0.00
KIAC_JFK____ 323774	57.37 1.83 0.00	52.65 1.78 0.00	48.36 1.68 0.00	44.82 1.77 0.00	44.53 1.75 0.00	47.89 1.80 0.00	54.27 2.03 0.00	55.75 2.20 0.00	56.88 2.81 0.00	59.69 2.90 0.00	58.73 2.69 0.00	64.68 3.14 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.75 6.87 -0.57	83.06 7.55 0.00	92.84 8.91 -1.50	102.54 9.63 -0.35	96.46 7.71 -0.06	83.04 6.08 0.00	76.76 4.21 0.00	67.38 2.84 0.00	60.40 2.54 0.00	52.72 2.22 0.00
KINTIGH__24_KV_GSU 356498	54.76 -0.78 0.00	49.96 -0.91 0.00	44.82 -1.87 0.00	41.16 -1.89 0.00	40.90 -1.88 0.00	44.11 -1.98 0.00	50.09 -2.14 0.00	51.74 -1.82 0.00	52.07 -2.00 0.00	55.78 -1.02 0.00	55.54 -0.51 0.00	60.87 -0.68 0.00	67.14 -0.75 0.00	71.45 -0.58 0.00	71.87 -0.43 0.00	76.04 0.53 0.00	82.36 -0.08 0.00	92.85 0.28 0.00	88.87 0.18 0.00	77.58 0.61 0.00	71.90 -0.65 0.00	64.02 -0.52 0.00	57.46 -0.40 0.00	50.45 -0.05 0.00
KINTIGH____ 23543	54.71 -0.83 0.00	49.86 -1.02 0.00	44.82 -1.87 0.00	41.16 -1.89 0.00	40.90 -1.88 0.00	44.06 -2.03 0.00	50.04 -2.19 0.00	51.74 -1.82 0.00	52.07 -2.00 0.00	55.78 -1.02 0.00	55.31 -0.73 0.00	60.87 -0.68 0.00	67.14 -0.75 0.00	71.45 -0.58 0.00	71.87 -0.43 0.00	76.03 0.53 0.00	82.11 -0.33 0.00	92.94 0.37 0.00	88.96 0.27 0.00	77.66 0.69 0.00	71.90 -0.65 0.00	64.02 -0.52 0.00	57.45 -0.41 0.00	50.35 -0.15 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	56.76 1.22 0.00	52.04 1.17 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.10 1.33 0.00	47.52 1.43 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.10 1.03 0.00	57.93 1.14 0.00	57.11 1.06 0.00	62.53 0.98 0.00	68.63 0.75 0.00	71.74 -0.29 0.00	71.22 -1.08 0.00	73.99 -1.51 0.00	80.62 -1.81 0.00	90.26 -2.31 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	72.92 0.36 0.00	65.31 0.77 0.00	58.84 0.98 0.00	51.46 0.96 0.00
LACHUTE____HYDRO 323717	60.37 4.83 0.00	55.05 4.17 0.00	50.42 3.74 0.00	46.37 3.32 0.00	46.16 3.38 0.00	50.05 3.96 0.00	56.93 4.70 0.00	58.21 4.66 0.00	58.66 4.59 0.00	61.28 4.49 0.00	59.52 3.48 0.00	65.24 3.69 0.00	72.03 4.14 0.00	77.57 5.55 0.00	80.83 6.22 -2.31	82.16 6.65 -0.01	96.40 7.91 -6.05	103.41 9.45 -1.40	100.13 10.91 -0.53	89.05 9.78 -2.31	81.33 8.78 0.00	71.45 6.91 0.00	63.18 5.32 0.00	54.94 4.44 0.00
LAWRNCALV_115KV_TB1 80681	56.87 1.33 0.00	52.35 1.48 0.00	48.09 1.40 0.00	44.30 1.25 0.00	44.02 1.24 0.00	47.47 1.38 0.00	53.85 1.62 0.00	55.06 1.50 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.88 0.84 0.00	61.92 0.37 0.00	67.68 -0.20 0.00	70.51 -1.51 0.00	69.63 -2.68 0.00	71.88 -3.62 0.00	78.23 -4.20 0.00	87.66 -4.91 0.00	85.50 -3.19 0.00	74.27 -2.69 0.00	71.32 -1.23 0.00	64.41 -0.13 0.00	58.32 0.46 0.00	51.10 0.61 0.00
LEDERLE____ 23769	57.37 1.83 0.00	52.65 1.78 0.00	48.27 1.59 0.00	44.52 1.46 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.01 1.78 0.00	55.38 1.82 0.00	56.23 2.16 0.00	58.96 2.16 0.00	58.28 2.24 0.00	64.26 2.71 0.00	71.35 3.46 0.00	76.92 4.90 0.00	78.83 6.00 -0.52	82.23 6.72 0.00	91.47 7.67 -1.37	101.22 8.33 -0.32	95.34 6.65 0.00	82.20 5.23 0.00	76.33 3.77 0.00	67.12 2.58 0.00	59.83 1.97 0.00	52.42 1.92 0.00
LIGHTHSE_115KV_TB6 355974	55.82 0.28 0.00	51.03 0.15 0.00	46.59 -0.09 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	46.00 -0.09 0.00	52.23 0.00 0.00	53.72 0.16 0.00	54.01 -0.05 0.00	56.80 0.00 0.00	55.93 -0.11 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	71.88 -0.14 0.00	72.23 -0.07 0.00	75.65 0.15 0.00	81.94 -0.49 0.00	92.57 0.00 0.00	89.58 0.89 0.00	78.12 1.15 0.00	73.50 0.94 0.00	65.06 0.52 0.00	58.21 0.35 0.00	50.65 0.15 0.00
LINDEN COGEN____ 23786	51.05 1.55 6.04	50.69 1.63 1.81	48.32 1.63 0.00	44.56 1.51 0.00	44.23 1.46 0.00	47.75 1.66 0.00	50.44 1.72 3.51	50.50 1.76 4.82	50.46 2.22 5.82	50.68 2.16 8.27	51.61 2.30 6.74	52.35 2.64 11.84	55.72 3.26 15.43	62.83 4.83 14.02	70.14 6.14 8.31	76.44 6.72 5.78	83.27 7.91 7.08	87.68 8.51 13.40	79.50 6.56 15.76	61.09 5.08 20.95	54.58 3.34 21.31	51.64 2.26 15.15	51.66 1.85 8.05	51.39 1.77 0.88
LINDHRST_69_KV_BK1 356055	59.20 3.67 0.00	54.69 3.82 0.00	50.09 3.41 0.00	46.20 3.14 0.00	45.90 3.12 0.00	49.64 3.55 0.00	55.89 3.66 0.00	57.04 3.48 0.00	58.23 4.16 0.00	60.60 3.81 0.00	58.84 2.80 0.00	65.30 3.75 0.00	73.22 5.16 -0.18	84.07 7.20 -4.84	92.00 8.39 -11.31	96.79 9.21 -12.08	108.90 10.63 -15.82	117.22 11.57 -13.08	109.92 9.76 -11.47	96.81 7.70 -12.15	82.82 6.09 -4.17	72.92 4.20 -4.18	60.98 3.12 0.00	53.40 2.78 -0.12
LIPA_MISC_IPP 23656	58.98 3.44 0.00	54.59 3.71 0.00	50.00 3.31 0.00	46.02 2.97 0.00	45.77 2.99 0.00	49.59 3.50 0.00	55.78 3.55 0.00	56.82 3.27 0.00	58.07 4.00 0.00	60.43 3.64 0.00	58.45 2.41 0.00	64.99 3.45 0.00	74.78 4.89 -2.01	124.89 6.84 -46.02	196.40 8.17 -115.93	218.59 8.76 -134.33	246.69 10.22 -154.03	249.97 11.29 -146.11	228.78 9.40 -130.68	223.53 7.54 -139.02	126.28 5.95 -47.78	116.48 4.07 -47.87	60.81 2.95 -0.01	54.57 2.68 -1.40
LISF____SOLAR 323691	59.10 3.56 0.00	54.70 3.82 -0.01	50.10 3.41 -0.01	46.16 3.10 -0.01	45.91 3.12 -0.01	49.70 3.60 -0.01	55.94 3.71 0.00	57.20 3.64 0.00	58.07 4.00 0.00	59.64 2.84 0.00	58.50 2.46 0.00	65.18 3.63 0.00	75.02 5.09 -2.04	125.84 7.13 -46.68	198.35 8.46 -117.59	220.83 9.06 -136.27	249.23 10.55 -156.23	252.55 11.76 -148.22	231.20 9.93 -132.58	225.93 7.93 -141.04	127.20 6.16 -48.48	117.43 4.32 -48.56	60.99 3.12 -0.01	54.59 2.67 -1.42
LITTLE FALLS____HYD 24013	55.98 0.44 0.00	51.23 0.36 0.00	46.96 0.28 0.00	43.31 0.26 0.00	43.08 0.30 0.00	46.46 0.37 0.00	52.65 0.42 0.00	54.04 0.48 0.00	54.50 0.43 0.00	57.25 0.45 0.00	56.43 0.39 0.00	61.98 0.43 0.00	68.43 0.54 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.35 0.91 0.00	93.50 0.93 0.00	89.76 1.06 0.00	77.81 0.85 0.00	73.13 0.58 0.00	64.99 0.45 0.00	58.21 0.35 0.00	50.70 0.20 0.00

LITTLRIV_115KV_TB1 356100	57.76 2.22 0.00	53.16 2.29 0.00	48.79 2.10 0.00	44.91 1.85 0.00	44.66 1.88 0.00	48.16 2.07 0.00	54.63 2.40 0.00	55.81 2.25 0.00	55.80 1.73 0.00	58.56 1.76 0.00	57.39 1.35 0.00	62.35 0.80 0.00	68.16 0.27 0.00	70.87 -1.15 0.00	69.99 -2.31 0.00	72.26 -3.25 0.00	78.73 -3.71 0.00	88.31 -4.26 0.00	86.56 -2.13 0.00	75.27 -1.69 0.00	72.48 -0.07 0.00	65.44 0.90 0.00	59.19 1.33 0.00	51.81 1.31 0.00
LI_NEWBRDGE___DRP 323616	57.98 2.44 0.00	53.52 2.65 0.00	49.11 2.43 0.00	45.34 2.28 0.00	45.00 2.22 0.00	48.63 2.53 0.00	54.79 2.56 0.00	55.91 2.36 0.00	57.04 2.97 0.00	59.35 2.56 0.00	57.84 1.79 0.00	64.13 2.58 0.00	71.62 3.73 0.00	77.67 5.55 -0.10	79.75 6.80 -0.65	82.95 7.40 -0.05	92.63 8.57 -1.61	102.27 9.35 -0.35	96.29 7.54 -0.06	82.89 5.93 0.00	76.98 4.43 0.00	67.32 2.78 0.00	59.82 1.97 0.01	52.31 1.82 0.00
LOCKPORT_115KV_TB60_63_64 80432	54.93 -0.61 0.00	50.06 -0.81 0.00	44.82 -1.87 0.00	41.12 -1.94 0.00	40.85 -1.92 0.00	44.02 -2.07 0.00	49.88 -2.35 0.00	51.41 -2.14 0.00	51.64 -2.43 0.00	55.49 -1.31 0.00	55.09 -0.95 0.00	60.56 -0.98 0.00	66.87 -1.02 0.00	71.23 -0.79 0.00	71.65 -0.65 0.00	75.96 0.45 0.00	81.86 -0.58 0.00	92.66 0.09 0.00	88.87 0.18 0.00	77.66 0.69 0.00	71.61 -0.94 0.00	63.77 -0.77 0.00	57.34 -0.52 0.00	50.45 -0.05 0.00
LOCKPORT___CC1 323769	54.71 -0.83 0.00	49.91 -0.97 0.00	44.58 -2.10 0.00	40.95 -2.11 0.00	40.68 -2.10 0.00	43.83 -2.26 0.00	49.72 -2.51 0.00	51.20 -2.36 0.00	51.47 -2.59 0.00	55.32 -1.48 0.00	55.20 -0.84 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.95 -1.08 0.00	71.36 -0.94 0.00	75.66 0.15 0.00	81.78 -0.66 0.00	92.29 -0.28 0.00	88.43 -0.27 0.00	77.27 0.31 0.00	71.32 -1.23 0.00	63.57 -0.97 0.00	57.17 -0.69 0.00	50.80 0.30 0.00
LOCKPORT___CC2 323770	54.71 -0.83 0.00	49.91 -0.97 0.00	44.58 -2.10 0.00	40.95 -2.11 0.00	40.68 -2.10 0.00	43.83 -2.26 0.00	49.72 -2.51 0.00	51.20 -2.36 0.00	51.47 -2.59 0.00	55.32 -1.48 0.00	55.20 -0.84 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.95 -1.08 0.00	71.36 -0.94 0.00	75.66 0.15 0.00	81.78 -0.66 0.00	92.29 -0.28 0.00	88.43 -0.27 0.00	77.27 0.31 0.00	71.32 -1.23 0.00	63.57 -0.97 0.00	57.17 -0.69 0.00	50.80 0.30 0.00
LOCKPORT___CC3 323771	54.71 -0.83 0.00	49.91 -0.97 0.00	44.58 -2.10 0.00	40.95 -2.11 0.00	40.68 -2.10 0.00	43.83 -2.26 0.00	49.72 -2.51 0.00	51.20 -2.36 0.00	51.47 -2.59 0.00	55.32 -1.48 0.00	55.20 -0.84 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.95 -1.08 0.00	71.36 -0.94 0.00	75.66 0.15 0.00	81.78 -0.66 0.00	92.29 -0.28 0.00	88.43 -0.27 0.00	77.27 0.31 0.00	71.32 -1.23 0.00	63.57 -0.97 0.00	57.17 -0.69 0.00	50.80 0.30 0.00
LOCUSVLY_69_KV_BK2 55797	58.48 2.94 0.00	53.88 3.00 0.00	49.39 2.71 0.00	45.55 2.50 0.00	45.26 2.48 0.00	48.90 2.81 0.00	55.10 2.87 0.00	56.29 2.73 0.00	57.42 3.35 0.00	59.86 3.07 0.00	58.68 2.63 0.00	65.06 3.51 0.00	72.64 4.75 0.00	80.11 6.70 -1.38	82.01 8.03 -1.68	84.76 8.68 -0.57	95.68 10.06 -3.18	103.75 10.83 -0.35	97.62 8.87 -0.06	83.97 7.00 0.00	77.78 5.22 0.00	68.09 3.55 0.00	60.41 2.55 -0.01	52.97 2.47 0.00
LONG_LAKE_PHOENIX 24014	54.60 -0.94 0.00	49.86 -1.02 0.00	45.61 -1.07 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	44.98 -1.11 0.00	51.08 -1.15 0.00	52.54 -1.02 0.00	52.99 -1.08 0.00	55.72 -1.08 0.00	55.03 -1.01 0.00	60.44 -1.11 0.00	66.87 -1.02 0.00	71.16 -0.86 0.00	71.65 -0.65 0.00	75.05 -0.45 0.00	81.70 -0.74 0.00	92.11 -0.46 0.00	88.34 -0.35 0.00	76.97 0.00 0.00	72.19 -0.36 0.00	63.83 -0.71 0.00	57.05 -0.81 0.00	49.69 -0.81 0.00
LOVETT___3 23632	56.98 1.44 0.00	52.30 1.42 0.00	47.99 1.31 0.00	44.30 1.25 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.69 1.46 0.00	55.06 1.50 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.95 1.91 0.00	63.82 2.28 0.00	70.81 2.92 0.00	76.42 4.39 0.00	78.33 5.50 -0.53	81.62 6.12 0.00	90.92 7.09 -1.39	100.48 7.59 -0.32	94.69 5.94 -0.05	81.58 4.62 0.00	75.75 3.19 0.00	66.61 2.07 0.00	59.42 1.56 0.00	52.06 1.57 0.00
LOVETT___4 23642	56.98 1.44 0.00	52.30 1.42 0.00	47.99 1.31 0.00	44.30 1.25 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.69 1.46 0.00	55.06 1.50 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.95 1.91 0.00	63.82 2.28 0.00	70.81 2.92 0.00	76.42 4.39 0.00	78.33 5.50 -0.53	81.62 6.12 0.00	90.92 7.09 -1.39	100.48 7.59 -0.32	94.69 5.94 -0.05	81.58 4.62 0.00	75.75 3.19 0.00	66.61 2.07 0.00	59.42 1.56 0.00	52.06 1.57 0.00
LOVETT___5 23593	56.98 1.44 0.00	52.30 1.42 0.00	47.99 1.31 0.00	44.30 1.25 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.69 1.46 0.00	55.06 1.50 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.95 1.91 0.00	63.82 2.28 0.00	70.81 2.92 0.00	76.42 4.39 0.00	78.33 5.50 -0.53	81.62 6.12 0.00	90.92 7.09 -1.39	100.48 7.59 -0.32	94.69 5.94 -0.05	81.58 4.62 0.00	75.75 3.19 0.00	66.61 2.07 0.00	59.42 1.56 0.00	52.06 1.57 0.00
LOWER RAQUET___HYD 24057	56.93 1.39 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.34 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.95 1.72 0.00	55.11 1.55 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.83 0.78 0.00	61.79 0.25 0.00	67.55 -0.34 0.00	70.30 -1.73 0.00	69.34 -2.97 0.00	71.57 -3.93 0.00	77.82 -4.61 0.00	87.39 -5.18 0.00	85.23 -3.46 0.00	74.04 -2.92 0.00	71.32 -1.23 0.00	64.28 -0.26 0.00	58.27 0.41 0.00	51.05 0.56 0.00
LOWER___HUDSON 24059	56.82 1.28 0.00	51.99 1.12 0.00	47.80 1.12 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.34 1.24 0.00	53.59 1.36 0.00	55.00 1.45 0.00	55.64 1.57 0.00	58.27 1.47 0.00	57.27 1.23 0.00	62.96 1.42 0.00	69.65 1.76 0.00	74.69 2.67 0.00	79.93 3.54 -4.08	79.22 3.70 -0.02	97.50 4.37 -10.70	99.94 4.90 -2.47	94.21 4.61 -0.91	86.86 3.85 -6.05	75.38 2.83 0.00	66.47 1.93 0.00	59.31 1.45 0.00	51.56 1.06 0.00
LOWVILLE_115KV_TB2 356335	58.15 2.61 0.00	53.21 2.34 0.00	48.60 1.91 0.00	44.69 1.64 0.00	44.40 1.63 0.00	47.98 1.89 0.00	54.58 2.35 0.00	56.02 2.46 0.00	56.18 2.11 0.00	58.90 2.10 0.00	57.72 1.68 0.00	63.09 1.54 0.00	69.45 1.56 0.00	73.54 1.51 0.00	73.75 1.45 0.00	76.94 1.43 0.00	83.02 0.58 0.00	93.87 1.30 0.00	92.15 3.46 0.00	80.43 3.46 0.00	75.96 3.41 0.00	67.44 2.90 0.00	60.35 2.49 0.00	52.42 1.92 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.76 2.22 0.00	52.81 1.93 0.00	48.51 1.82 0.00	44.73 1.68 0.00	44.45 1.67 0.00	48.03 1.94 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.39 2.32 0.00	59.01 2.22 0.00	57.84 1.79 0.00	63.52 1.97 0.00	70.20 2.31 0.00	75.27 3.24 0.00	78.73 3.98 -2.45	79.74 4.23 -0.01	93.89 5.03 -6.42	99.79 5.74 -1.48	95.29 6.03 -0.56	84.74 5.16 -2.61	76.83 4.28 0.00	67.70 3.16 0.00	60.29 2.43 0.00	52.47 1.97 0.00

LUTHERNY_35_KV_BK2 355980	57.82 2.28 0.00	52.86 1.98 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.07 1.98 0.00	54.48 2.25 0.00	55.86 2.30 0.00	56.39 2.32 0.00	59.01 2.22 0.00	57.89 1.85 0.00	63.52 1.97 0.00	70.20 2.31 0.00	75.34 3.31 0.00	78.80 4.05 -2.45	79.82 4.30 -0.01	93.97 5.11 -6.42	99.89 5.83 -1.48	95.38 6.12 -0.56	84.89 5.31 -2.61	76.98 4.43 0.00	67.77 3.23 0.00	60.35 2.49 0.00	52.52 2.02 0.00
LWR___OSWEGATCHIE_HYD 23850	57.54 2.00 0.00	52.81 1.93 0.00	48.37 1.68 0.00	44.47 1.42 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.27 2.04 0.00	55.59 2.04 0.00	55.69 1.62 0.00	58.44 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.80 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.63 -1.94 0.00	88.78 0.09 0.00	77.35 0.38 0.00	73.64 1.09 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
LYONS_FALL_HYD 23570	57.76 2.22 0.00	52.86 1.98 0.00	48.27 1.59 0.00	44.39 1.34 0.00	44.15 1.37 0.00	47.66 1.57 0.00	54.16 1.93 0.00	55.64 2.09 0.00	55.96 1.89 0.00	58.67 1.87 0.00	57.67 1.63 0.00	63.09 1.54 0.00	69.51 1.63 0.00	73.75 1.73 0.00	74.04 1.73 0.00	77.24 1.74 0.00	83.75 1.31 0.00	94.52 1.95 0.00	92.24 3.55 0.00	80.27 3.31 0.00	75.67 3.12 0.00	67.12 2.58 0.00	60.00 2.14 0.00	52.16 1.66 0.00
MADISON___COUNTY_LFGE 323628	57.32 1.78 0.00	52.40 1.53 0.00	47.85 1.17 0.00	44.00 0.95 0.00	43.76 0.98 0.00	47.20 1.11 0.00	53.64 1.41 0.00	55.16 1.61 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.46 0.00	63.02 1.48 0.00	69.65 1.77 0.00	74.11 2.09 0.00	74.55 2.24 0.00	77.92 2.42 0.00	84.91 2.47 0.00	95.81 3.24 0.00	92.59 3.90 0.00	80.58 3.62 0.00	75.67 3.12 0.00	66.86 2.32 0.00	59.71 1.85 0.00	51.91 1.41 0.00
MALONE___115KV_TB1 356076	57.15 1.61 0.00	52.45 1.58 0.00	48.32 1.63 0.00	44.52 1.46 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.11 1.88 0.00	55.38 1.82 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.46 0.00	62.84 1.29 0.00	68.84 0.95 0.00	71.88 -0.14 0.00	71.22 -1.08 0.00	73.84 -1.66 0.00	80.46 -1.98 0.00	90.07 -2.50 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	73.06 0.51 0.00	65.57 1.03 0.00	59.07 1.22 0.00	51.66 1.16 0.00
MAPLEWOD_115KV_TB3 80458	56.32 0.78 0.00	51.53 0.66 0.00	47.38 0.70 0.00	43.74 0.69 0.00	43.46 0.68 0.00	46.87 0.78 0.00	53.07 0.84 0.00	54.41 0.86 0.00	55.04 0.97 0.00	57.65 0.85 0.00	56.71 0.67 0.00	62.35 0.80 0.00	68.97 1.09 0.00	74.04 2.02 0.00	79.55 2.82 -4.43	78.47 2.94 -0.02	97.59 3.54 -11.61	99.23 3.98 -2.68	93.31 3.64 -0.99	76.72 3.00 3.25	74.58 2.03 0.00	65.70 1.16 0.00	58.67 0.81 0.00	51.05 0.56 0.00
MAPLE_RIDGE_WT_1 323574	55.48 -0.06 0.00	50.87 0.00 0.00	46.78 0.09 0.00	43.14 0.09 0.00	42.91 0.13 0.00	46.23 0.14 0.00	52.39 0.16 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.85 0.06 0.00	56.10 0.06 0.00	61.55 0.00 0.00	67.55 -0.34 0.00	71.38 -0.65 0.00	71.51 -0.79 0.00	74.52 -0.98 0.00	81.36 -1.07 0.00	91.27 -1.30 0.00	87.63 -1.06 0.00	75.96 -1.00 0.00	71.83 -0.73 0.00	64.15 -0.38 0.00	57.57 -0.29 0.00	50.30 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	55.48 -0.06 0.00	50.87 0.00 0.00	46.78 0.09 0.00	43.14 0.09 0.00	42.91 0.13 0.00	46.23 0.14 0.00	52.39 0.16 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.85 0.06 0.00	56.10 0.06 0.00	61.55 0.00 0.00	67.55 -0.34 0.00	71.38 -0.65 0.00	71.51 -0.79 0.00	74.52 -0.98 0.00	81.36 -1.07 0.00	91.27 -1.30 0.00	87.63 -1.06 0.00	75.96 -1.00 0.00	71.83 -0.73 0.00	64.15 -0.38 0.00	57.57 -0.29 0.00	50.30 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	56.15 0.61 0.00	51.53 0.66 0.00	47.53 0.84 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.12 0.89 0.00	54.36 0.80 0.00	54.66 0.60 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.16 -0.86 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.70 -2.87 0.00	86.83 -1.87 0.00	75.27 -1.69 0.00	72.05 -0.50 0.00	64.67 0.13 0.00	58.27 0.41 0.00	50.95 0.45 0.00
MARSHVLE_115KV_TB1 80742	59.32 3.78 0.00	54.18 3.31 0.00	49.63 2.94 0.00	45.72 2.67 0.00	45.52 2.74 0.00	49.27 3.18 0.00	55.94 3.71 0.00	57.04 3.48 0.00	56.83 2.76 0.00	58.84 2.04 0.00	57.44 1.40 0.00	62.90 1.35 0.00	69.52 1.63 0.00	74.55 2.52 0.00	76.68 3.25 -1.12	79.36 3.85 0.00	90.17 4.78 -2.95	99.55 6.29 -0.68	96.51 7.54 -0.27	84.20 7.23 0.00	79.16 6.60 0.00	69.77 5.23 0.00	61.97 4.11 0.00	53.98 3.48 0.00
MARSH_HILL_WT_PWR 323713	56.59 1.05 0.00	51.53 0.66 0.00	46.41 -0.28 0.00	42.71 -0.35 0.00	42.43 -0.34 0.00	45.82 -0.27 0.00	52.07 -0.16 0.00	53.56 0.00 0.00	53.47 -0.59 0.00	56.68 -0.11 0.00	56.38 0.34 0.00	61.79 0.25 0.00	68.50 0.61 0.00	72.96 0.93 0.00	73.46 1.15 0.00	77.69 2.19 0.00	84.25 1.81 0.00	95.26 2.69 0.00	91.88 3.19 0.00	80.74 3.77 0.00	75.16 2.61 0.00	66.41 1.87 0.00	59.36 1.50 0.00	52.16 1.66 0.00
MCINTYRE_115KV_TB2 80467	58.21 2.67 0.00	53.47 2.59 0.00	49.07 2.38 0.00	45.16 2.11 0.00	44.87 2.10 0.00	48.39 2.30 0.00	54.89 2.66 0.00	55.97 2.41 0.00	55.91 1.84 0.00	58.62 1.82 0.00	57.50 1.46 0.00	62.59 1.05 0.00	68.36 0.48 0.00	71.16 -0.86 0.00	70.35 -1.95 0.00	72.63 -2.87 0.00	79.22 -3.22 0.00	88.87 -3.70 0.00	87.18 -1.51 0.00	75.89 -1.08 0.00	73.13 0.58 0.00	66.09 1.55 0.00	59.71 1.85 0.00	52.21 1.72 0.00
MECO_____69_KV_BK1 80468	59.93 4.39 0.00	54.69 3.82 0.00	50.09 3.41 0.00	46.15 3.10 0.00	45.94 3.17 0.00	49.78 3.69 0.00	56.51 4.28 0.00	57.63 4.07 0.00	57.53 3.46 0.00	59.52 2.73 0.00	58.00 1.96 0.00	63.45 1.91 0.00	70.06 2.17 0.00	75.19 3.17 0.00	77.49 3.98 -1.21	80.19 4.68 0.00	91.53 5.94 -3.16	100.98 7.68 -0.73	98.03 9.05 -0.30	85.35 8.39 0.00	80.10 7.55 0.00	70.48 5.94 0.00	62.60 4.74 0.00	54.49 3.99 0.00
MENANDS___115KV_TB5 355628	55.87 0.33 0.00	51.18 0.31 0.00	47.06 0.37 0.00	43.44 0.39 0.00	43.16 0.38 0.00	46.55 0.46 0.00	52.70 0.47 0.00	53.99 0.43 0.00	54.66 0.59 0.00	57.25 0.45 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.50 0.61 0.00	73.54 1.51 0.00	78.40 2.31 -3.78	77.93 2.42 -0.01	95.31 2.97 -9.91	98.10 3.24 -2.29	92.39 2.84 -0.86	75.84 2.23 3.35	73.93 1.38 0.00	65.12 0.58 0.00	58.15 0.29 0.00	50.60 0.10 0.00
MG INDUSTRY___DRP 24185	54.82 -0.72 0.00	50.21 -0.66 0.00	46.22 -0.47 0.00	42.67 -0.39 0.00	42.39 -0.38 0.00	45.72 -0.37 0.00	51.66 -0.57 0.00	52.86 -0.70 0.00	53.37 -0.70 0.00	55.83 -0.97 0.00	54.92 -1.12 0.00	60.25 -1.29 0.00	66.60 -1.29 0.00	71.38 -0.65 0.00	67.26 0.07 5.12	75.41 -0.08 0.02	69.44 0.41 13.41	89.94 0.46 3.10	88.11 0.35 0.93	75.40 0.31 1.87	72.19 -0.36 0.00	63.70 -0.84 0.00	56.93 -0.93 0.00	49.64 -0.86 0.00

MID___OSWEGATCHIE_HYD 23849	57.54 2.00 0.00	52.81 1.93 0.00	48.37 1.68 0.00	44.47 1.42 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.27 2.04 0.00	55.59 2.04 0.00	55.69 1.62 0.00	58.44 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.80 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.63 -1.94 0.00	88.78 0.09 0.00	77.35 0.38 0.00	73.64 1.09 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
MID___RAQUETTE_HYD 23851	56.93 1.39 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.95 1.72 0.00	55.11 1.55 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.83 0.78 0.00	61.79 0.25 0.00	67.55 -0.34 0.00	70.30 -1.73 0.00	69.34 -2.96 0.00	71.58 -3.93 0.00	77.90 -4.53 0.00	87.29 -5.28 0.00	85.32 -3.37 0.00	74.04 -2.92 0.00	71.17 -1.38 0.00	64.28 -0.26 0.00	58.26 0.41 0.00	51.05 0.56 0.00
MILLIKEN___1 23584	56.54 1.00 0.00	51.59 0.71 0.00	47.10 0.42 0.00	43.31 0.26 0.00	43.03 0.26 0.00	46.41 0.32 0.00	52.75 0.52 0.00	54.25 0.70 0.00	54.61 0.54 0.00	57.37 0.57 0.00	56.66 0.62 0.00	62.22 0.68 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.75 1.45 0.00	77.39 1.89 0.00	84.25 1.81 0.00	95.35 2.78 0.00	91.80 3.10 0.00	80.12 3.16 0.00	75.09 2.54 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.51 1.01 0.00
MILLIKEN___2 23585	56.54 1.00 0.00	51.59 0.71 0.00	47.10 0.42 0.00	43.31 0.26 0.00	43.03 0.26 0.00	46.41 0.32 0.00	52.75 0.52 0.00	54.25 0.70 0.00	54.61 0.54 0.00	57.37 0.57 0.00	56.66 0.62 0.00	62.22 0.68 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.75 1.45 0.00	77.39 1.89 0.00	84.25 1.81 0.00	95.35 2.78 0.00	91.80 3.10 0.00	80.12 3.16 0.00	75.09 2.54 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.51 1.01 0.00
MILLIKEN___DIESEL 23629	56.54 1.00 0.00	51.59 0.71 0.00	47.10 0.42 0.00	43.31 0.26 0.00	43.03 0.26 0.00	46.41 0.32 0.00	52.75 0.52 0.00	54.25 0.70 0.00	54.61 0.54 0.00	57.37 0.57 0.00	56.66 0.62 0.00	62.22 0.68 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.75 1.45 0.00	77.39 1.89 0.00	84.25 1.81 0.00	95.35 2.78 0.00	91.80 3.10 0.00	80.12 3.16 0.00	75.09 2.54 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.51 1.01 0.00
MILLSEAT___LFGE 323607	56.09 0.56 0.00	51.08 0.20 0.00	45.75 -0.93 0.00	41.93 -1.12 0.00	41.66 -1.11 0.00	44.98 -1.11 0.00	51.03 -1.20 0.00	52.65 -0.91 0.00	52.93 -1.14 0.00	56.80 0.00 0.00	56.60 0.56 0.00	61.92 0.37 0.00	68.37 0.48 0.00	72.82 0.79 0.00	73.17 0.87 0.00	77.46 1.96 0.00	83.84 1.40 0.00	94.79 2.22 0.00	91.17 2.48 0.00	79.58 2.62 0.00	73.71 1.16 0.00	65.44 0.90 0.00	58.50 0.64 0.00	51.76 1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.21 1.67 0.00	52.55 1.68 0.00	48.23 1.54 0.00	44.52 1.46 0.00	44.19 1.41 0.00	47.75 1.66 0.00	53.95 1.72 0.00	55.32 1.77 0.00	56.18 2.11 0.00	58.84 2.04 0.00	58.23 2.19 0.00	64.13 2.58 0.00	71.15 3.26 0.00	76.78 4.75 0.00	78.80 5.93 -0.57	82.07 6.57 0.00	91.51 7.58 -1.48	101.06 8.15 -0.34	95.22 6.47 -0.06	81.97 5.00 0.00	76.11 3.56 0.00	66.93 2.39 0.00	59.71 1.85 0.00	52.31 1.82 0.00
MILLWOOD_13_KV_LOAD 356217	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.60 1.55 0.00	44.27 1.50 0.00	47.84 1.75 0.00	54.11 1.88 0.00	55.43 1.87 0.00	56.28 2.22 0.00	59.01 2.22 0.00	58.45 2.41 0.00	64.32 2.77 0.00	71.42 3.53 0.00	77.14 5.11 0.00	79.09 6.22 -0.57	82.45 6.95 0.00	91.92 8.00 -1.48	101.61 8.70 -0.34	95.67 6.92 -0.06	82.35 5.39 0.00	76.40 3.85 0.00	67.19 2.65 0.00	59.94 2.08 0.00	52.47 1.97 0.00
MODEL_CITY_ENERGY 24167	54.65 -0.89 0.00	49.86 -1.02 0.00	44.54 -2.15 0.00	40.90 -2.15 0.00	40.64 -2.14 0.00	43.79 -2.30 0.00	49.62 -2.61 0.00	50.93 -2.62 0.00	51.15 -2.92 0.00	55.04 -1.76 0.00	54.86 -1.18 0.00	60.07 -1.48 0.00	66.26 -1.63 0.00	70.59 -1.44 0.00	71.00 -1.30 0.00	75.28 -0.23 0.00	81.36 -1.07 0.00	91.83 -0.74 0.00	87.89 -0.80 0.00	76.81 -0.15 0.00	70.89 -1.67 0.00	63.25 -1.29 0.00	56.87 -0.98 0.00	50.60 0.10 0.00
MODERN_LFGE___ 323580	54.65 -0.89 0.00	49.86 -1.02 0.00	44.54 -2.15 0.00	40.90 -2.15 0.00	40.64 -2.14 0.00	43.79 -2.30 0.00	49.62 -2.61 0.00	50.93 -2.62 0.00	51.15 -2.92 0.00	55.04 -1.76 0.00	54.86 -1.18 0.00	60.07 -1.48 0.00	66.26 -1.63 0.00	70.59 -1.44 0.00	71.00 -1.30 0.00	75.28 -0.23 0.00	81.36 -1.07 0.00	91.83 -0.74 0.00	87.89 -0.80 0.00	76.81 -0.15 0.00	70.89 -1.67 0.00	63.25 -1.29 0.00	56.87 -0.98 0.00	50.60 0.10 0.00
MOHAWK_PAPER___DRP 24187	56.32 0.78 0.00	51.53 0.66 0.00	47.38 0.70 0.00	43.74 0.69 0.00	43.46 0.68 0.00	46.87 0.78 0.00	53.07 0.84 0.00	54.41 0.86 0.00	55.04 0.97 0.00	57.65 0.85 0.00	56.71 0.67 0.00	62.35 0.80 0.00	68.97 1.09 0.00	74.04 2.02 0.00	79.55 2.82 -4.43	78.47 2.94 -0.02	97.59 3.54 -11.61	99.23 3.98 -2.68	93.31 3.64 -0.99	76.72 3.00 3.25	74.58 2.03 0.00	65.70 1.16 0.00	58.67 0.81 0.00	51.05 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	58.09 2.55 0.00	53.06 2.19 0.00	48.69 2.01 0.00	44.86 1.81 0.00	44.62 1.84 0.00	48.26 2.17 0.00	54.79 2.56 0.00	56.18 2.62 0.00	56.72 2.65 0.00	59.35 2.56 0.00	57.84 1.79 0.00	63.45 1.91 0.00	70.06 2.17 0.00	75.27 3.24 0.00	78.58 3.90 -2.37	79.67 4.15 -0.01	93.67 5.03 -6.20	99.93 5.92 -1.43	96.07 6.83 -0.55	85.40 6.00 -2.43	77.78 5.22 0.00	68.35 3.81 0.00	60.69 2.84 0.00	52.82 2.32 0.00
MONGAUP___HYD 23641	57.76 2.22 0.00	52.91 2.04 0.00	48.46 1.77 0.00	44.60 1.55 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.22 1.98 0.00	55.38 1.82 0.00	55.91 1.84 0.00	58.45 1.65 0.00	57.56 1.51 0.00	63.46 1.91 0.00	70.47 2.58 0.00	75.77 3.74 0.00	77.53 4.77 -0.45	81.01 5.51 0.00	90.06 6.43 -1.19	100.25 7.41 -0.27	95.16 6.47 0.00	82.58 5.62 0.00	76.83 4.28 0.00	67.57 3.03 0.00	60.18 2.32 0.00	52.52 2.02 0.00
MONTAUK___DIESEL 23721	60.32 4.78 0.00	55.81 4.93 0.00	51.07 4.39 0.00	47.01 3.96 0.00	46.80 4.02 0.00	50.88 4.79 0.00	57.09 4.86 0.00	58.59 5.03 0.00	60.45 6.38 0.00	63.27 6.47 0.00	61.65 5.60 0.00	68.75 7.20 0.00	79.28 9.37 -2.02	130.35 12.03 -46.30	202.52 13.59 -116.63	224.01 13.36 -135.14	253.14 15.75 -154.96	256.87 17.31 -146.99	235.16 14.99 -131.47	228.76 11.93 -139.86	131.65 11.03 -48.07	121.03 8.33 -48.16	64.23 6.36 -0.01	57.46 5.55 -1.41
MOONROAD_115KV_HARTFLD_TB1-2 355988	57.04 1.50 0.00	51.84 0.97 0.00	46.36 -0.33 0.00	42.62 -0.43 0.00	42.44 -0.34 0.00	45.72 -0.37 0.00	52.13 -0.10 0.00	53.99 0.43 0.00	54.23 0.16 0.00	58.16 1.36 0.00	57.72 1.68 0.00	63.70 2.15 0.00	70.53 2.65 0.00	75.48 3.46 0.00	75.92 3.62 0.00	80.49 4.98 0.00	86.56 4.12 0.00	98.12 5.55 0.00	93.84 5.14 0.00	82.12 5.16 0.00	75.60 3.05 0.00	66.99 2.45 0.00	60.12 2.26 0.00	52.82 2.32 0.00

MORRIS_RIDGE___SOLAR 323848	55.82 0.28 0.00	50.87 0.00 0.00	45.75 -0.93 0.00	42.07 -0.99 0.00	41.80 -0.98 0.00	45.08 -1.01 0.00	51.19 -1.04 0.00	52.59 -0.96 0.00	52.50 -1.57 0.00	55.83 -0.97 0.00	55.54 -0.51 0.00	60.87 -0.68 0.00	67.42 -0.47 0.00	71.95 -0.07 0.00	72.38 0.07 0.00	76.64 1.13 0.00	83.02 0.58 0.00	93.87 1.30 0.00	90.29 1.60 0.00	79.35 2.39 0.00	73.71 1.16 0.00	65.32 0.78 0.00	58.50 0.64 0.00	51.51 1.01 0.00
MORTIMER_115KV_TB3 55949	55.59 0.06 0.00	50.62 -0.25 0.00	45.80 -0.89 0.00	42.02 -1.03 0.00	41.71 -1.07 0.00	45.03 -1.06 0.00	51.13 -1.10 0.00	53.13 -0.43 0.00	53.53 -0.54 0.00	57.02 0.23 0.00	56.55 0.50 0.00	62.16 0.62 0.00	68.70 0.81 0.00	73.18 1.15 0.00	73.53 1.23 0.00	77.47 1.96 0.00	83.92 1.48 0.00	94.98 2.41 0.00	91.26 2.57 0.00	79.43 2.46 0.00	74.00 1.45 0.00	65.57 1.03 0.00	58.44 0.58 0.00	50.95 0.45 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.62 3.08 0.00	71.55 3.67 0.00	77.36 5.33 0.00	79.46 6.58 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.93 7.18 -0.06	82.51 5.54 0.00	76.47 3.92 0.00	67.25 2.71 0.00	60.12 2.26 0.00	52.67 2.17 0.00
MUNSVILLE_WIND_PWR 323609	60.26 4.72 0.00	54.95 4.07 0.00	49.90 3.22 0.00	45.85 2.80 0.00	45.56 2.78 0.00	49.32 3.23 0.00	56.25 4.02 0.00	58.00 4.44 0.00	58.07 4.00 0.00	61.00 4.20 0.00	59.85 3.81 0.00	65.49 3.94 0.00	72.51 4.62 0.00	77.07 5.04 0.00	77.44 5.13 0.00	81.17 5.67 0.00	88.21 5.77 0.00	100.25 7.68 0.00	98.00 9.31 0.00	85.51 8.54 0.00	80.03 7.47 0.00	70.41 5.87 0.00	62.66 4.80 0.00	54.39 3.89 0.00
N SALMON___HYD 24042	57.15 1.61 0.00	52.45 1.58 0.00	48.32 1.63 0.00	44.52 1.46 0.00	44.23 1.46 0.00	47.75 1.66 0.00	54.11 1.88 0.00	55.38 1.82 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.45 0.00	62.84 1.29 0.00	68.84 0.95 0.00	71.88 -0.14 0.00	71.22 -1.08 0.00	73.84 -1.66 0.00	80.46 -1.98 0.00	90.16 -2.41 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	73.13 0.58 0.00	65.57 1.03 0.00	59.08 1.22 0.00	51.66 1.16 0.00
N.AKRON__115KV_KNAPP 355671	55.98 0.44 0.00	50.87 0.00 0.00	45.66 -1.03 0.00	41.85 -1.21 0.00	41.58 -1.20 0.00	44.85 -1.24 0.00	50.93 -1.31 0.00	52.54 -1.02 0.00	52.82 -1.24 0.00	56.68 -0.11 0.00	56.21 0.17 0.00	61.79 0.25 0.00	68.23 0.34 0.00	72.67 0.65 0.00	73.03 0.72 0.00	77.32 1.81 0.00	83.43 0.99 0.00	94.70 2.13 0.00	91.00 2.31 0.00	79.51 2.54 0.00	73.50 0.94 0.00	65.31 0.77 0.00	58.44 0.58 0.00	51.31 0.81 0.00
N.E_GEN_SANDY PD 24062	56.54 1.00 0.00	51.79 0.92 0.00	47.62 0.93 0.00	44.00 0.95 0.00	43.72 0.94 0.00	47.15 1.06 0.00	53.38 1.15 0.00	54.79 1.23 0.00	55.53 1.46 0.00	58.16 1.36 0.00	57.27 1.23 0.00	63.09 1.54 0.00	69.92 2.03 0.00	75.12 3.09 0.00	78.30 4.12 -1.88	79.89 4.38 -0.01	92.47 5.11 -4.92	99.35 5.65 -1.14	93.90 4.70 -0.51	81.90 3.85 -1.09	75.09 2.54 0.00	66.09 1.55 0.00	59.02 1.16 0.00	51.30 0.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	57.15 1.61 0.00	52.45 1.58 0.00	48.09 1.40 0.00	44.35 1.29 0.00	44.06 1.28 0.00	47.57 1.47 0.00	53.80 1.57 0.00	55.16 1.61 0.00	56.01 1.95 0.00	58.67 1.87 0.00	58.06 2.02 0.00	63.95 2.40 0.00	71.01 3.12 0.00	76.63 4.61 0.00	78.54 5.71 -0.53	81.85 6.34 0.00	91.15 7.34 -1.38	100.85 7.96 -0.32	94.95 6.21 -0.05	81.81 4.85 0.00	75.96 3.41 0.00	66.86 2.32 0.00	59.59 1.74 0.00	52.21 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	57.77 2.22 -0.01	53.17 2.29 -0.01	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.59 2.35 -0.01	55.91 2.36 0.00	56.83 2.76 0.00	59.35 2.56 0.00	59.24 3.19 -0.01	64.45 2.89 -0.01	71.36 3.46 -0.01	77.15 5.11 -0.01	79.25 6.36 -0.59	82.47 6.95 -0.02	92.11 8.16 -1.51	101.63 8.70 -0.36	95.59 6.83 -0.07	81.76 5.16 0.36	75.63 3.63 0.55	66.63 2.52 0.42	59.95 2.08 -0.01	53.27 2.78 0.00
N.TROY___115KV_TB1 355778	56.82 1.28 0.00	52.04 1.17 0.00	47.80 1.12 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.33 1.24 0.00	53.59 1.36 0.00	55.00 1.45 0.00	55.64 1.57 0.00	58.27 1.48 0.00	57.33 1.29 0.00	62.96 1.42 0.00	69.65 1.77 0.00	74.69 2.66 0.00	79.93 3.54 -4.08	79.22 3.70 -0.02	97.51 4.37 -10.70	99.95 4.91 -2.47	94.21 4.61 -0.91	86.87 3.85 -6.05	75.46 2.90 0.00	66.48 1.94 0.00	59.31 1.45 0.00	51.56 1.06 0.00
NARROWS_GT1_1 24228	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_2 24229	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_3 24230	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_4 24231	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_5 24232	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01

NARROWS_GT1_6 24233	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_7 24234	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT1_8 24235	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_1 24236	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_2 24237	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_3 24238	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_4 24239	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_5 24240	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_6 24241	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_7 24242	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NARROWS_GT2_8 24243	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.49 2.95 0.01	71.47 3.60 0.01	77.27 5.26 0.01	79.30 6.43 -0.56	82.59 7.10 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	94.22 5.54 -11.71	94.22 3.84 -17.82	80.92 2.71 -13.67	60.06 2.20 -0.01	53.23 2.72 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.76 1.22 0.00	51.84 0.97 0.00	47.57 0.89 0.00	43.83 0.77 0.00	43.55 0.77 0.00	47.01 0.92 0.00	53.33 1.10 0.00	54.25 0.70 0.00	54.61 0.54 0.00	56.97 0.17 0.00	55.82 -0.22 0.00	61.30 -0.25 0.00	67.82 -0.07 0.00	72.67 0.65 0.00	69.13 2.31 5.49	77.22 1.74 0.02	71.44 3.38 14.38	93.41 4.17 3.32	92.02 4.35 1.01	79.03 3.93 1.86	74.80 2.25 0.00	65.83 1.29 0.00	58.67 0.81 0.00	51.00 0.50 0.00
NCHELSEA_115KV_TR2 355582	57.82 2.28 0.00	52.96 2.09 0.00	48.60 1.91 0.00	44.78 1.72 0.00	44.45 1.67 0.00	48.03 1.94 0.00	54.42 2.19 0.00	55.70 2.14 0.00	56.45 2.38 0.00	59.13 2.33 0.00	58.45 2.41 0.00	64.44 2.89 0.00	71.49 3.60 0.00	76.99 4.97 0.00	78.81 6.07 -0.44	82.30 6.80 0.00	91.33 7.75 -1.14	101.44 8.61 -0.26	95.79 7.10 0.00	82.74 5.77 0.00	76.83 4.28 0.00	67.57 3.03 0.00	60.23 2.37 0.00	52.62 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	57.87 2.33 0.00	52.91 2.04 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.53 2.30 0.00	55.91 2.35 0.00	56.50 2.44 0.00	59.18 2.39 0.00	58.06 2.01 0.00	63.76 2.21 0.00	70.47 2.58 0.00	75.70 3.67 0.00	79.62 4.41 -2.91	80.20 4.68 -0.01	95.58 5.52 -7.61	100.63 6.30 -1.76	95.74 6.39 -0.66	86.11 5.54 -3.60	77.05 4.50 0.00	67.83 3.29 0.00	60.46 2.61 0.00	52.57 2.07 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.71 -0.83 0.00	49.80 -1.07 0.00	45.19 -1.50 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.48 -1.61 0.00	50.51 -1.72 0.00	52.27 -1.29 0.00	52.66 -1.41 0.00	55.95 -0.85 0.00	55.59 -0.45 0.00	60.93 -0.62 0.00	67.42 -0.47 0.00	71.74 -0.29 0.00	72.02 -0.29 0.00	75.81 0.30 0.00	82.27 -0.16 0.00	92.94 0.37 0.00	89.40 0.71 0.00	77.74 0.77 0.00	72.55 0.00 0.00	64.22 -0.32 0.00	57.22 -0.64 0.00	49.94 -0.55 0.00

NEG CENTRAL___DRP 24199	55.82 0.28 0.00	50.87 0.00 0.00	46.36 -0.33 0.00	42.67 -0.39 0.00	42.35 -0.43 0.00	45.72 -0.37 0.00	51.92 -0.31 0.00	53.50 -0.05 0.00	53.80 -0.27 0.00	56.74 -0.06 0.00	56.21 0.17 0.00	61.73 0.18 0.00	68.36 0.48 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.94 1.43 0.00	83.67 1.24 0.00	94.42 1.85 0.00	90.82 2.13 0.00	79.43 2.46 0.00	74.29 1.74 0.00	65.51 0.97 0.00	58.44 0.58 0.00	50.95 0.45 0.00
NEG CENTRAL___INDECK 23768	56.09 0.56 0.00	51.03 0.15 0.00	46.08 -0.61 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.40 -0.69 0.00	51.55 -0.68 0.00	53.02 -0.54 0.00	52.83 -1.24 0.00	55.95 -0.85 0.00	55.54 -0.51 0.00	60.69 -0.86 0.00	67.21 -0.68 0.00	71.38 -0.65 0.00	71.80 -0.50 0.00	76.18 0.68 0.00	82.77 0.33 0.00	94.05 1.48 0.00	91.17 2.48 0.00	80.20 3.23 0.00	75.02 2.47 0.00	66.28 1.74 0.00	58.84 0.98 0.00	51.51 1.01 0.00
NEG CENTRAL___SENECA 23627	56.15 0.61 0.00	51.08 0.20 0.00	46.45 -0.23 0.00	42.80 -0.26 0.00	42.52 -0.26 0.00	45.91 -0.18 0.00	52.07 -0.16 0.00	53.72 0.16 0.00	53.96 -0.11 0.00	56.97 0.17 0.00	56.43 0.39 0.00	62.04 0.49 0.00	68.70 0.81 0.00	73.18 1.15 0.00	73.61 1.30 0.00	77.47 1.96 0.00	84.17 1.73 0.00	94.98 2.41 0.00	91.44 2.75 0.00	80.12 3.16 0.00	74.87 2.32 0.00	65.96 1.42 0.00	58.78 0.93 0.00	51.31 0.81 0.00
NEG CENTRAL___STATE_STREET 24147	55.71 0.17 0.00	50.82 -0.05 0.00	46.40 -0.28 0.00	42.71 -0.34 0.00	42.39 -0.38 0.00	45.77 -0.32 0.00	52.02 -0.21 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.80 0.00 0.00	56.21 0.17 0.00	61.73 0.18 0.00	68.29 0.41 0.00	72.67 0.65 0.00	73.10 0.80 0.00	76.71 1.21 0.00	83.51 1.07 0.00	94.33 1.76 0.00	90.73 2.04 0.00	79.12 2.16 0.00	74.15 1.60 0.00	65.38 0.84 0.00	58.38 0.52 0.00	50.80 0.30 0.00
NEG MILLWOOD___DRP 24198	57.93 2.39 0.00	53.11 2.24 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.53 1.75 0.00	48.21 2.12 0.00	54.63 2.40 0.00	55.86 2.30 0.00	56.66 2.60 0.00	59.35 2.56 0.00	58.79 2.75 0.00	64.75 3.20 0.00	72.10 4.21 0.00	77.79 5.76 0.00	79.63 6.80 -0.53	83.28 7.78 0.00	92.64 8.82 -1.38	102.70 9.81 -0.32	96.76 8.07 0.00	83.28 6.31 0.00	77.34 4.79 0.00	67.83 3.29 0.00	60.46 2.60 0.00	52.82 2.32 0.00
NEG NORTH_FLCN_SEA 23793	56.26 0.72 0.00	51.59 0.71 0.00	47.85 1.17 0.00	44.09 1.03 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.22 0.99 0.00	54.41 0.86 0.00	54.72 0.65 0.00	57.48 0.68 0.00	56.66 0.62 0.00	62.10 0.55 0.00	68.09 0.20 0.00	71.23 -0.79 0.00	70.71 -1.59 0.00	73.39 -2.11 0.00	80.05 -2.39 0.00	89.61 -2.96 0.00	87.01 -1.69 0.00	75.43 -1.54 0.00	72.19 -0.36 0.00	64.73 0.19 0.00	58.32 0.46 0.00	51.00 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	56.32 0.78 0.00	51.69 0.81 0.00	47.66 0.98 0.00	43.96 0.90 0.00	43.68 0.90 0.00	47.10 1.01 0.00	53.28 1.04 0.00	54.47 0.91 0.00	54.72 0.65 0.00	57.42 0.62 0.00	56.60 0.56 0.00	62.04 0.49 0.00	67.95 0.07 0.00	71.02 -1.01 0.00	70.50 -1.81 0.00	73.24 -2.27 0.00	79.88 -2.56 0.00	89.61 -2.96 0.00	86.83 -1.86 0.00	75.35 -1.62 0.00	72.19 -0.36 0.00	64.86 0.32 0.00	58.44 0.58 0.00	51.10 0.61 0.00
NEG NORTH___ALICE_FALLS 23915	56.76 1.22 0.00	52.04 1.17 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.10 1.33 0.00	47.52 1.43 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.10 1.03 0.00	57.93 1.14 0.00	57.11 1.06 0.00	62.53 0.98 0.00	68.63 0.75 0.00	71.74 -0.29 0.00	71.22 -1.08 0.00	73.99 -1.51 0.00	80.62 -1.81 0.00	90.26 -2.31 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	72.92 0.36 0.00	65.31 0.77 0.00	58.84 0.98 0.00	51.46 0.96 0.00
NEG NORTH___LWR_SARANAC 23913	56.76 1.22 0.00	52.04 1.17 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.10 1.33 0.00	47.52 1.43 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.10 1.03 0.00	57.93 1.14 0.00	57.11 1.06 0.00	62.53 0.98 0.00	68.63 0.75 0.00	71.74 -0.29 0.00	71.22 -1.08 0.00	73.99 -1.51 0.00	80.62 -1.81 0.00	90.26 -2.31 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	72.92 0.36 0.00	65.31 0.77 0.00	58.84 0.98 0.00	51.46 0.96 0.00
NEG NORTH___PLATTSBURG 23628	56.76 1.22 0.00	52.04 1.17 0.00	48.13 1.45 0.00	44.34 1.29 0.00	44.10 1.33 0.00	47.52 1.43 0.00	53.69 1.46 0.00	54.90 1.34 0.00	55.09 1.02 0.00	57.93 1.14 0.00	57.10 1.06 0.00	62.53 0.98 0.00	68.64 0.75 0.00	71.74 -0.29 0.00	71.22 -1.08 0.00	73.99 -1.51 0.00	80.62 -1.81 0.00	90.35 -2.22 0.00	87.89 -0.80 0.00	76.20 -0.77 0.00	72.99 0.44 0.00	65.32 0.78 0.00	58.84 0.98 0.00	51.45 0.96 0.00
NEG WEST_LEA_LOCKPORT 23791	54.71 -0.83 0.00	49.81 -1.07 0.00	44.58 -2.10 0.00	40.94 -2.11 0.00	40.68 -2.10 0.00	43.79 -2.30 0.00	49.67 -2.56 0.00	51.20 -2.36 0.00	51.42 -2.65 0.00	55.32 -1.48 0.00	54.92 -1.12 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.94 -1.08 0.00	71.36 -0.94 0.00	75.65 0.15 0.00	81.53 -0.91 0.00	92.29 -0.28 0.00	88.43 -0.27 0.00	77.35 0.38 0.00	71.32 -1.23 0.00	63.57 -0.97 0.00	57.16 -0.69 0.00	50.35 -0.15 0.00
NEG WEST___LANCASTR 23811	55.15 -0.39 0.00	50.16 -0.71 0.00	44.91 -1.77 0.00	41.33 -1.72 0.00	41.07 -1.71 0.00	44.20 -1.89 0.00	50.25 -1.98 0.00	51.84 -1.71 0.00	52.12 -1.95 0.00	55.89 -0.91 0.00	55.48 -0.56 0.00	61.24 -0.31 0.00	67.89 0.00 0.00	72.60 0.58 0.00	73.03 0.72 0.00	77.39 1.89 0.00	83.43 0.99 0.00	94.51 1.94 0.00	90.29 1.60 0.00	78.89 1.92 0.00	72.70 0.15 0.00	64.48 -0.06 0.00	57.80 -0.06 0.00	50.95 0.45 0.00
NEG_PENN_ALLEGHNY 23528	56.15 0.61 0.00	51.23 0.36 0.00	46.68 0.00 0.00	43.01 -0.04 0.00	42.73 -0.04 0.00	46.09 0.00 0.00	52.28 0.05 0.00	53.77 0.22 0.00	54.18 0.11 0.00	57.14 0.34 0.00	56.55 0.50 0.00	62.16 0.62 0.00	68.84 0.95 0.00	73.47 1.44 0.00	74.04 1.73 0.00	77.69 2.19 0.00	84.67 2.23 0.00	95.34 2.77 0.00	91.35 2.66 0.00	79.50 2.54 0.00	74.29 1.74 0.00	65.57 1.03 0.00	58.61 0.75 0.00	51.30 0.81 0.00
NEG___GEN_MONROE 24207	56.21 0.67 0.00	51.13 0.25 0.00	46.17 -0.51 0.00	42.28 -0.77 0.00	41.96 -0.81 0.00	45.35 -0.74 0.00	51.45 -0.78 0.00	53.29 -0.27 0.00	53.58 -0.49 0.00	57.14 0.34 0.00	56.66 0.62 0.00	62.29 0.74 0.00	68.84 0.95 0.00	73.32 1.30 0.00	73.61 1.30 0.00	77.54 2.04 0.00	83.92 1.48 0.00	95.16 2.59 0.00	91.71 3.02 0.00	79.89 2.92 0.00	74.44 1.89 0.00	65.96 1.42 0.00	58.78 0.93 0.00	51.41 0.91 0.00
NEPA___ENERGY 23901	55.82 0.28 0.00	50.77 -0.10 0.00	45.47 -1.21 0.00	41.89 -1.16 0.00	41.62 -1.15 0.00	44.80 -1.29 0.00	50.93 -1.31 0.00	52.54 -1.02 0.00	52.82 -1.24 0.00	56.57 -0.23 0.00	56.15 0.11 0.00	62.04 0.49 0.00	68.77 0.88 0.00	73.54 1.51 0.00	73.89 1.59 0.00	78.30 2.79 0.00	84.50 2.06 0.00	95.72 3.15 0.00	91.35 2.66 0.00	79.81 2.85 0.00	73.64 1.09 0.00	65.38 0.84 0.00	58.55 0.69 0.00	51.61 1.11 0.00

NEVERSINK___HYD 23608	57.48 1.94 0.00	52.65 1.78 0.00	48.22 1.54 0.00	44.43 1.38 0.00	44.10 1.33 0.00	47.61 1.52 0.00	54.01 1.78 0.00	55.27 1.71 0.00	55.96 1.89 0.00	58.61 1.82 0.00	57.83 1.79 0.00	63.76 2.21 0.00	70.80 2.92 0.00	76.13 4.10 0.00	77.36 5.06 0.00	81.17 5.67 0.00	88.95 6.51 0.00	99.98 7.41 0.00	95.08 6.39 0.00	82.27 5.31 0.00	76.47 3.92 0.00	67.31 2.77 0.00	59.94 2.08 0.00	52.37 1.87 0.00
NEWKRMKL_115KV_TB1 55635	55.65 0.11 0.00	50.92 0.05 0.00	46.82 0.14 0.00	43.23 0.17 0.00	42.95 0.17 0.00	46.32 0.23 0.00	52.44 0.21 0.00	53.72 0.16 0.00	54.34 0.27 0.00	56.97 0.17 0.00	56.04 0.00 0.00	61.55 0.00 0.00	68.09 0.20 0.00	73.11 1.08 0.00	72.55 1.88 1.63	77.39 1.89 0.01	80.63 2.47 4.28	94.17 2.59 0.99	90.78 2.31 0.21	75.98 1.77 2.76	73.50 0.94 0.00	64.80 0.26 0.00	57.80 -0.06 0.00	50.35 -0.15 0.00
NEWTON___FALLS_HYD 23847	57.54 2.00 0.00	52.81 1.93 0.00	48.37 1.68 0.00	44.47 1.42 0.00	44.23 1.45 0.00	47.75 1.66 0.00	54.27 2.04 0.00	55.59 2.04 0.00	55.69 1.62 0.00	58.44 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.80 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.63 -1.94 0.00	88.78 0.09 0.00	77.35 0.38 0.00	73.64 1.09 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
NGRID_A1_DSASP 323792	53.82 -1.72 0.00	49.09 -1.78 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.10 -3.00 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.76 -2.04 0.00	54.58 -1.46 0.00	59.76 -1.79 0.00	65.85 -2.03 0.00	70.08 -1.94 0.00	70.50 -1.80 0.00	74.75 -0.75 0.00	80.87 -1.57 0.00	91.18 -1.39 0.00	87.18 -1.51 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	49.79 -0.71 0.00
NGRID_A2_DSASP 323793	53.82 -1.72 0.00	49.09 -1.78 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.10 -3.00 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.76 -2.04 0.00	54.58 -1.46 0.00	59.76 -1.79 0.00	65.85 -2.03 0.00	70.08 -1.94 0.00	70.50 -1.80 0.00	74.75 -0.75 0.00	80.87 -1.57 0.00	91.18 -1.39 0.00	87.18 -1.51 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	49.79 -0.71 0.00
NGRID_A4_DSASP 323807	53.82 -1.72 0.00	49.09 -1.78 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.10 -3.00 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.76 -2.04 0.00	54.58 -1.46 0.00	59.76 -1.79 0.00	65.85 -2.03 0.00	70.08 -1.94 0.00	70.50 -1.80 0.00	74.75 -0.75 0.00	80.87 -1.57 0.00	91.18 -1.39 0.00	87.18 -1.51 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	49.79 -0.71 0.00
NIAGARA_115E_LBMP 323715	54.48 -1.06 0.00	49.75 -1.12 0.00	44.44 -2.24 0.00	40.81 -2.24 0.00	40.55 -2.23 0.00	43.69 -2.40 0.00	49.41 -2.82 0.00	50.66 -2.89 0.00	50.93 -3.14 0.00	54.76 -2.04 0.00	54.64 -1.40 0.00	59.82 -1.72 0.00	65.99 -1.90 0.00	70.23 -1.80 0.00	70.64 -1.66 0.00	74.90 -0.61 0.00	81.04 -1.40 0.00	91.36 -1.21 0.00	87.45 -1.24 0.00	76.43 -0.54 0.00	70.52 -2.03 0.00	62.93 -1.61 0.00	56.59 -1.27 0.00	50.45 -0.05 0.00
NIAGARA_115W_LBMP 323714	53.65 -1.89 0.00	48.94 -1.93 0.00	43.74 -2.94 0.00	40.17 -2.88 0.00	39.91 -2.87 0.00	43.00 -3.09 0.00	48.78 -3.45 0.00	50.45 -3.11 0.00	50.72 -3.35 0.00	54.58 -2.22 0.00	54.41 -1.63 0.00	59.58 -1.97 0.00	65.71 -2.18 0.00	69.87 -2.16 0.00	70.28 -2.02 0.00	74.52 -0.98 0.00	80.62 -1.81 0.00	90.91 -1.66 0.00	86.92 -1.77 0.00	75.96 -1.00 0.00	70.09 -2.47 0.00	62.61 -1.93 0.00	56.35 -1.50 0.00	49.64 -0.86 0.00
NIAGARA_230_LBMP 323716	54.37 -1.17 0.00	49.65 -1.22 0.00	44.35 -2.33 0.00	40.77 -2.28 0.00	40.51 -2.27 0.00	43.60 -2.49 0.00	49.51 -2.72 0.00	51.15 -2.41 0.00	51.42 -2.65 0.00	55.27 -1.53 0.00	55.09 -0.95 0.00	60.38 -1.17 0.00	66.53 -1.36 0.00	70.80 -1.22 0.00	71.22 -1.08 0.00	75.50 0.00 0.00	81.69 -0.74 0.00	92.11 -0.46 0.00	88.08 -0.62 0.00	76.89 -0.08 0.00	71.10 -1.45 0.00	63.44 -1.10 0.00	57.05 -0.81 0.00	50.30 -0.20 0.00
NIAGARA___115KV_198_GIBSON 55903	53.65 -1.89 0.00	48.89 -1.98 0.00	43.74 -2.94 0.00	40.17 -2.88 0.00	39.91 -2.87 0.00	42.96 -3.13 0.00	48.78 -3.45 0.00	50.50 -3.05 0.00	50.72 -3.35 0.00	54.58 -2.22 0.00	54.14 -1.91 0.00	59.58 -1.97 0.00	65.71 -2.17 0.00	69.86 -2.16 0.00	70.28 -2.02 0.00	74.52 -0.98 0.00	80.38 -2.06 0.00	90.90 -1.67 0.00	87.01 -1.69 0.00	75.97 -1.00 0.00	70.09 -2.47 0.00	62.60 -1.94 0.00	56.35 -1.50 0.00	50.09 -0.40 0.00
NIAGARA____ 23760	54.37 -1.17 0.00	49.65 -1.22 0.00	44.35 -2.33 0.00	40.77 -2.28 0.00	40.51 -2.27 0.00	43.60 -2.49 0.00	49.51 -2.72 0.00	51.15 -2.41 0.00	51.42 -2.65 0.00	55.27 -1.53 0.00	55.09 -0.95 0.00	60.38 -1.17 0.00	66.53 -1.36 0.00	70.80 -1.22 0.00	71.22 -1.08 0.00	75.50 0.00 0.00	81.69 -0.74 0.00	92.11 -0.46 0.00	88.08 -0.62 0.00	76.89 -0.08 0.00	71.10 -1.45 0.00	63.44 -1.10 0.00	57.05 -0.81 0.00	50.30 -0.20 0.00
NINE_MILE_1 23575	53.87 -1.66 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.48 -1.61 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	55.04 -1.76 0.00	54.36 -1.68 0.00	59.70 -1.84 0.00	65.92 -1.97 0.00	70.23 -1.80 0.00	70.64 -1.66 0.00	73.91 -1.59 0.00	80.55 -1.89 0.00	90.62 -1.95 0.00	86.92 -1.77 0.00	75.58 -1.38 0.00	70.89 -1.67 0.00	62.86 -1.68 0.00	56.24 -1.62 0.00	49.03 -1.47 0.00
NINE_MILE_2 23744	53.87 -1.66 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.48 -1.61 0.00	50.45 -1.78 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	55.04 -1.76 0.00	54.36 -1.68 0.00	59.70 -1.84 0.00	65.92 -1.97 0.00	70.23 -1.80 0.00	70.64 -1.66 0.00	73.91 -1.59 0.00	80.55 -1.89 0.00	90.62 -1.95 0.00	86.92 -1.77 0.00	75.58 -1.38 0.00	70.89 -1.67 0.00	62.86 -1.68 0.00	56.24 -1.62 0.00	49.03 -1.47 0.00
NM_CAPITAL___DRP 24208	55.71 0.17 0.00	51.03 0.15 0.00	46.92 0.23 0.00	43.36 0.30 0.00	43.08 0.30 0.00	46.41 0.32 0.00	52.54 0.31 0.00	53.82 0.27 0.00	54.50 0.43 0.00	57.08 0.28 0.00	56.15 0.11 0.00	61.73 0.18 0.00	68.29 0.41 0.00	73.32 1.30 0.00	77.14 2.10 -2.74	77.70 2.19 -0.01	92.33 2.72 -7.17	97.10 2.87 -1.66	91.83 2.48 -0.66	75.51 2.00 3.46	73.64 1.09 0.00	64.93 0.39 0.00	57.97 0.12 0.00	50.45 -0.05 0.00
NM_CENTRAL___DRP 24181	54.87 -0.67 0.00	50.11 -0.76 0.00	45.80 -0.89 0.00	42.15 -0.90 0.00	41.88 -0.90 0.00	45.17 -0.92 0.00	51.29 -0.94 0.00	52.81 -0.75 0.00	53.26 -0.81 0.00	56.06 -0.74 0.00	55.43 -0.62 0.00	60.87 -0.68 0.00	67.34 -0.54 0.00	71.74 -0.29 0.00	72.16 -0.14 0.00	75.65 0.15 0.00	82.36 -0.08 0.00	92.85 0.28 0.00	89.05 0.35 0.00	77.43 0.46 0.00	72.63 0.07 0.00	64.15 -0.39 0.00	57.34 -0.52 0.00	49.94 -0.56 0.00

NM_FRONTIER___DRP 24179	53.65 -1.89 0.00	48.89 -1.98 0.00	43.74 -2.94 0.00	40.17 -2.88 0.00	39.91 -2.87 0.00	42.96 -3.13 0.00	48.78 -3.45 0.00	50.50 -3.05 0.00	50.72 -3.35 0.00	54.58 -2.22 0.00	54.14 -1.91 0.00	59.58 -1.97 0.00	65.71 -2.17 0.00	69.86 -2.16 0.00	70.28 -2.02 0.00	74.52 -0.98 0.00	80.38 -2.06 0.00	90.90 -1.67 0.00	87.01 -1.69 0.00	75.97 -1.00 0.00	70.09 -2.47 0.00	62.60 -1.94 0.00	56.35 -1.50 0.00	50.09 -0.40 0.00
NM_ST_REGIS___HYD 24053	57.04 1.50 0.00	52.50 1.63 0.00	48.23 1.54 0.00	44.43 1.38 0.00	44.15 1.37 0.00	47.61 1.52 0.00	54.06 1.83 0.00	55.22 1.66 0.00	55.37 1.30 0.00	58.16 1.36 0.00	57.05 1.01 0.00	62.10 0.55 0.00	67.95 0.07 0.00	70.66 -1.37 0.00	69.77 -2.53 0.00	72.18 -3.32 0.00	78.56 -3.87 0.00	87.94 -4.63 0.00	85.94 -2.75 0.00	74.66 -2.31 0.00	71.68 -0.87 0.00	64.67 0.13 0.00	58.50 0.64 0.00	51.25 0.76 0.00
NORTHPORT___1 23551	57.98 2.44 0.00	53.99 3.10 -0.01	49.59 2.90 -0.01	45.69 2.63 -0.01	45.44 2.65 -0.01	49.14 3.04 -0.01	55.36 3.13 0.00	56.55 3.00 0.00	57.26 3.19 0.00	58.50 1.70 0.00	57.05 1.01 0.00	60.25 1.91 3.21	63.10 3.06 7.84	67.68 4.90 9.25	68.96 6.07 9.42	70.33 6.65 11.82	78.61 7.84 11.67	88.35 8.42 12.64	83.85 6.74 11.58	69.82 5.24 12.39	72.00 3.70 4.25	62.40 2.13 4.26	52.37 1.33 6.82	51.49 1.11 0.12
NORTHPORT___2 23552	57.98 2.44 0.00	53.99 3.10 -0.01	49.59 2.90 -0.01	45.69 2.63 -0.01	45.44 2.65 -0.01	49.14 3.04 -0.01	55.36 3.13 0.00	56.55 3.00 0.00	57.26 3.19 0.00	58.50 1.70 0.00	57.05 1.01 0.00	60.25 1.91 3.21	63.10 3.06 7.84	67.68 4.90 9.25	68.96 6.07 9.42	70.33 6.65 11.82	78.61 7.84 11.67	88.35 8.42 12.64	83.85 6.74 11.58	69.82 5.24 12.39	72.00 3.70 4.25	62.40 2.13 4.26	52.37 1.33 6.82	51.49 1.11 0.12
NORTHPORT___3 23553	57.20 1.66 0.00	53.27 2.39 -0.01	48.89 2.19 -0.01	45.09 2.02 -0.01	44.80 2.01 -0.01	48.40 2.30 -0.01	54.53 2.30 0.00	55.81 2.25 0.00	56.29 2.22 0.00	57.59 0.79 0.00	56.71 0.67 0.01	59.87 1.54 3.22	62.76 2.72 7.85	67.30 4.54 9.27	68.94 6.07 9.44	70.23 6.57 11.83	78.50 7.75 11.69	88.26 8.33 12.65	83.84 6.74 11.59	69.73 5.16 12.39	71.71 3.41 4.26	62.07 1.80 4.27	51.95 0.92 6.83	51.28 0.91 0.13
NORTHPORT___4 23650	57.20 1.66 0.00	53.27 2.39 -0.01	48.89 2.19 -0.01	45.09 2.02 -0.01	44.80 2.01 -0.01	48.40 2.30 -0.01	54.53 2.30 0.00	55.81 2.25 0.00	56.29 2.22 0.00	57.59 0.79 0.00	56.71 0.67 0.01	59.87 1.54 3.22	62.76 2.72 7.85	67.30 4.54 9.27	68.94 6.07 9.44	70.23 6.57 11.83	78.50 7.75 11.69	88.26 8.33 12.65	83.84 6.74 11.59	69.73 5.16 12.39	71.71 3.41 4.26	62.07 1.80 4.27	51.95 0.92 6.83	51.28 0.91 0.13
NORTHPORT___IC 23718	58.04 2.50 0.00	54.03 3.15 0.00	49.58 2.89 0.00	45.68 2.63 0.00	45.43 2.65 0.00	49.13 3.04 0.00	55.36 3.13 0.00	56.34 2.78 0.00	57.47 3.41 0.00	59.52 2.73 0.00	57.16 1.12 0.00	60.25 1.91 3.21	63.10 3.05 7.84	67.67 4.90 9.25	68.96 6.07 9.42	70.33 6.64 11.82	78.60 7.83 11.67	88.35 8.42 12.65	83.75 6.65 11.59	69.73 5.16 12.39	72.07 3.77 4.26	62.41 2.13 4.26	52.37 1.33 6.82	51.69 1.31 0.12
NORTH___COUNTRY_ESR 323785	56.15 0.61 0.00	51.59 0.71 0.00	47.57 0.88 0.00	43.83 0.78 0.00	43.59 0.81 0.00	46.96 0.87 0.00	53.17 0.94 0.00	54.36 0.80 0.00	54.66 0.60 0.00	57.42 0.63 0.00	56.66 0.62 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.09 -0.94 0.00	70.50 -1.80 0.00	73.24 -2.26 0.00	79.88 -2.56 0.00	89.52 -3.05 0.00	86.66 -2.04 0.00	75.12 -1.85 0.00	71.97 -0.58 0.00	64.67 0.13 0.00	58.32 0.46 0.00	51.00 0.50 0.00
NPX_GEN_1385_PROXY 323591	57.43 1.89 0.00	53.47 2.59 -0.01	49.40 2.71 -0.01	45.56 2.50 -0.01	45.44 2.65 -0.01	49.14 3.04 -0.01	55.58 3.35 0.00	56.88 3.32 0.00	57.58 3.51 0.00	58.61 1.82 0.00	57.38 1.34 0.00	60.55 2.21 3.21	63.44 3.39 7.84	68.03 5.26 9.25	70.33 7.45 9.42	71.46 7.78 11.82	80.08 9.31 11.67	89.74 9.81 12.64	85.45 8.33 11.58	78.90 6.77 4.84	73.02 4.71 4.25	63.05 2.77 4.26	52.37 1.33 6.82	51.14 0.76 0.12
NPX_GEN_CSC 323557	58.70 3.16 0.00	54.34 3.46 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.37 3.27 -0.01	55.52 3.29 0.00	56.77 3.21 0.00	57.64 3.57 0.00	59.24 2.44 0.00	58.17 2.13 0.00	64.81 3.26 0.00	74.65 4.75 -2.02	124.98 6.77 -46.19	196.76 8.10 -116.36	219.01 8.68 -134.83	247.09 10.05 -154.60	250.52 11.29 -146.66	229.45 9.58 -131.18	224.06 7.55 -139.55	126.40 5.87 -47.97	116.59 4.00 -48.05	60.70 2.83 -0.01	54.28 2.37 -1.40
NSINS_S_GLNS_FALLS 23858	58.04 2.50 0.00	53.01 2.14 0.00	48.65 1.96 0.00	44.82 1.77 0.00	44.57 1.80 0.00	48.21 2.12 0.00	54.74 2.51 0.00	56.13 2.57 0.00	59.30 2.50 0.00	57.78 1.74 0.00	63.33 1.78 0.00	69.92 2.04 0.00	75.12 3.10 0.00	78.37 3.76 -2.31	79.51 4.00 -0.01	93.43 4.95 -6.05	99.71 5.74 -1.40	95.97 6.74 -0.53	85.20 5.93 -2.30	77.70 5.15 0.00	68.28 3.74 0.00	60.64 2.78 0.00	52.77 2.27 0.00	
NUCOR_STEEL___DRP 24197	55.76 0.22 0.00	50.87 0.00 0.00	46.45 -0.23 0.00	42.71 -0.34 0.00	42.39 -0.38 0.00	45.77 -0.32 0.00	51.97 -0.26 0.00	53.45 -0.11 0.00	53.85 -0.22 0.00	56.68 -0.11 0.00	56.04 0.00 0.00	61.55 0.00 0.00	68.09 0.20 0.00	72.46 0.43 0.00	72.88 0.58 0.00	76.49 0.98 0.00	83.26 0.82 0.00	94.05 1.48 0.00	90.47 1.77 0.00	78.81 1.85 0.00	73.93 1.38 0.00	65.25 0.71 0.00	58.26 0.41 0.00	50.75 0.25 0.00
NUMBER_THREE_WT_PWR 323818	58.15 2.61 0.00	53.22 2.34 0.00	48.60 1.91 0.00	44.69 1.64 0.00	44.40 1.63 0.00	47.98 1.89 0.00	54.58 2.35 0.00	56.02 2.46 0.00	56.17 2.11 0.00	58.90 2.10 0.00	57.72 1.68 0.00	63.09 1.54 0.00	69.45 1.56 0.00	73.54 1.51 0.00	73.67 1.37 0.00	76.86 1.36 0.00	82.85 0.41 0.00	93.69 1.11 0.00	92.06 3.37 0.00	80.27 3.31 0.00	75.89 3.34 0.00	67.45 2.91 0.00	60.34 2.49 0.00	52.42 1.92 0.00
NYISO_LBMP_REFERENCE 24008	55.54 0.00 0.00	50.87 0.00 0.00	46.68 0.00 0.00	43.05 0.00 0.00	42.78 0.00 0.00	46.09 0.00 0.00	52.23 0.00 0.00	53.56 0.00 0.00	54.07 0.00 0.00	56.80 0.00 0.00	56.04 0.00 0.00	61.55 0.00 0.00	67.89 0.00 0.00	72.03 0.00 0.00	72.30 0.00 0.00	75.50 0.00 0.00	82.44 0.00 0.00	92.57 0.00 0.00	88.69 0.00 0.00	76.97 0.00 0.00	72.55 0.00 0.00	64.54 0.00 0.00	57.86 0.00 0.00	50.50 0.00 0.00
NYPA_BRENTWD____GT 24164	59.10 3.56 0.00	54.80 3.92 -0.01	50.24 3.55 -0.01	46.29 3.23 -0.01	46.03 3.25 -0.01	49.79 3.69 -0.01	56.04 3.81 0.00	57.36 3.80 0.00	58.13 4.06 0.00	59.64 2.84 0.00	58.45 2.41 0.00	64.87 3.32 0.00	72.99 4.68 -0.42	88.75 6.70 -10.02	104.90 7.52 -25.07	112.08 8.23 -28.34	125.87 9.48 -33.95	133.97 10.46 -30.94	124.86 8.70 -27.47	112.99 6.85 -29.18	88.10 5.51 -10.03	78.33 3.74 -10.05	60.69 2.83 0.00	53.16 2.37 -0.29

NYPA_GOWANUS____GT5 24156	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.43 2.89 0.01	71.41 3.53 0.01	77.21 5.19 0.01	79.23 6.36 -0.56	82.52 7.02 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NYPA_GOWANUS____GT6 24157	57.76 2.22 0.00	53.06 2.19 0.00	49.07 2.38 -0.01	45.26 2.19 -0.01	44.97 2.18 -0.01	48.49 2.40 -0.01	54.42 2.19 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.58 2.78 0.00	59.01 2.97 0.00	64.43 2.89 0.01	71.41 3.53 0.01	77.21 5.19 0.01	79.23 6.36 -0.56	82.52 7.02 0.01	92.19 8.24 -1.51	101.90 8.98 -0.35	95.85 7.10 -0.06	85.30 5.54 -2.79	80.64 3.84 -4.25	70.51 2.71 -3.26	60.06 2.20 -0.01	53.23 2.72 -0.01
NYPA_HARLEM__RVR__GT1 24160	57.60 2.06 -0.01	53.02 2.14 -0.01	49.03 2.33 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.48 2.24 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.32 6.56 -0.06	81.34 5.00 0.63	74.94 3.34 0.96	66.07 2.26 0.73	59.72 1.85 -0.01	53.08 2.57 -0.01
NYPA_HARLEM__RVR__GT2 24161	57.60 2.06 -0.01	53.02 2.14 -0.01	49.03 2.33 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.48 2.24 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.32 6.56 -0.06	81.34 5.00 0.63	74.94 3.34 0.96	66.07 2.26 0.73	59.72 1.85 -0.01	53.08 2.57 -0.01
NYPA_KENT____GT 24152	57.60 2.06 0.00	52.96 2.09 0.00	48.98 2.29 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.40 2.30 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.52 2.73 0.00	58.90 2.86 0.00	63.62 2.77 0.70	68.94 3.39 2.34	74.92 5.04 2.15	79.09 6.22 -0.56	82.37 6.87 0.01	91.93 7.99 -1.50	101.62 8.70 -0.35	95.58 6.83 -0.06	63.44 5.31 18.84	52.01 3.63 24.17	49.81 2.51 17.25	59.94 2.08 0.00	53.08 2.57 -0.01
NYPA_POUCH1____GT 24155	51.39 1.89 6.03	50.96 1.88 1.80	48.93 2.24 -0.01	45.21 2.15 -0.01	44.88 2.10 -0.01	48.40 2.30 -0.01	50.60 1.88 3.50	50.56 1.82 4.81	50.51 2.27 5.83	51.03 2.50 8.26	51.95 2.63 6.73	52.30 2.58 11.83	55.66 3.19 15.42	62.84 4.83 14.01	70.00 6.00 8.30	76.38 6.65 5.77	83.11 7.75 7.08	87.60 8.42 13.40	79.60 6.66 15.75	62.24 5.16 19.89	56.34 3.48 19.69	53.02 2.39 13.91	51.72 1.91 8.04	52.10 2.47 0.87
NYPA_VERNON____GT2 24162	57.48 1.94 0.00	52.91 2.04 0.00	48.84 2.15 -0.01	45.04 1.98 -0.01	44.75 1.97 -0.01	48.31 2.21 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.47 2.67 0.00	58.79 2.75 0.00	62.86 2.71 1.39	66.55 3.33 4.66	72.64 4.90 4.28	79.01 6.14 -0.56	82.30 6.80 0.01	91.85 7.91 -1.49	101.42 8.51 -0.34	95.40 6.66 -0.05	66.92 5.16 15.21	61.81 3.41 14.15	58.65 2.39 8.28	59.77 1.91 0.00	52.93 2.42 -0.01
NYPA_VERNON____GT3 24163	57.48 1.94 0.00	52.91 2.04 0.00	48.84 2.15 -0.01	45.04 1.98 -0.01	44.75 1.97 -0.01	48.31 2.21 -0.01	54.37 2.14 0.00	55.64 2.09 0.00	56.66 2.60 0.00	59.47 2.67 0.00	58.79 2.75 0.00	62.86 2.71 1.39	66.55 3.33 4.66	72.64 4.90 4.28	79.01 6.14 -0.56	82.30 6.80 0.01	91.85 7.91 -1.49	101.42 8.51 -0.34	95.40 6.66 -0.05	66.92 5.16 15.21	61.81 3.41 14.15	58.65 2.39 8.28	59.77 1.91 0.00	52.93 2.42 -0.01
NYPA____ASTORIA_CC1 323568	57.37 1.83 0.00	52.81 1.93 0.00	48.84 2.15 -0.01	45.00 1.94 -0.01	44.71 1.93 -0.01	48.27 2.17 -0.01	54.27 2.03 0.00	55.54 1.98 0.00	56.50 2.44 0.00	59.36 2.56 0.00	58.68 2.63 0.00	62.41 2.52 1.67	65.41 3.12 5.60	71.56 4.68 5.14	78.80 5.93 -0.56	81.99 6.49 0.01	91.51 7.58 -1.49	101.15 8.24 -0.34	95.04 6.30 -0.05	67.94 4.93 13.95	65.30 3.19 10.44	61.75 2.13 4.91	59.59 1.73 0.00	52.88 2.37 -0.01
NYPA____ASTORIA_CC2 323569	57.37 1.83 0.00	52.81 1.93 0.00	48.84 2.15 -0.01	45.00 1.94 -0.01	44.71 1.93 -0.01	48.27 2.17 -0.01	54.27 2.03 0.00	55.54 1.98 0.00	56.50 2.44 0.00	59.36 2.56 0.00	58.68 2.63 0.00	62.41 2.52 1.67	65.41 3.12 5.60	71.56 4.68 5.14	78.80 5.93 -0.56	81.99 6.49 0.01	91.51 7.58 -1.49	101.15 8.24 -0.34	95.04 6.30 -0.05	67.94 4.93 13.95	65.30 3.19 10.44	61.75 2.13 4.91	59.59 1.73 0.00	52.88 2.37 -0.01
NYPA____HOLTSVILL 23794	58.70 3.16 0.00	54.39 3.51 -0.01	49.87 3.18 -0.01	45.95 2.88 -0.01	45.70 2.91 -0.01	49.42 3.32 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.75 3.68 0.00	59.24 2.44 0.00	58.06 2.01 0.00	64.62 3.08 0.00	74.28 4.41 -1.98	123.65 6.26 -45.36	194.11 7.52 -114.28	216.07 8.16 -132.41	243.69 9.39 -151.86	246.88 10.27 -144.03	226.03 8.52 -128.83	220.86 6.85 -137.05	124.81 5.15 -47.11	115.21 3.48 -47.19	60.35 2.49 0.00	54.05 2.17 -1.38
NYPA____HELLGATE_GT1 24158	57.60 2.06 -0.01	53.02 2.14 -0.01	49.03 2.33 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.48 2.24 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.32 6.56 -0.06	81.34 5.00 0.63	74.94 3.34 0.96	66.07 2.26 0.73	59.72 1.85 -0.01	53.08 2.57 -0.01
NYPA____HELLGATE_GT2 24159	57.60 2.06 -0.01	53.02 2.14 -0.01	49.03 2.33 -0.01	45.17 2.11 -0.01	44.88 2.10 -0.01	48.45 2.35 -0.01	54.48 2.24 -0.01	55.75 2.20 0.00	56.66 2.60 0.00	59.58 2.78 0.00	58.80 2.75 -0.01	64.20 2.64 -0.01	71.09 3.19 -0.01	76.86 4.83 -0.01	78.96 6.07 -0.58	82.16 6.65 -0.01	91.69 7.75 -1.51	101.26 8.33 -0.35	95.32 6.56 -0.06	81.34 5.00 0.63	74.94 3.34 0.96	66.07 2.26 0.73	59.72 1.85 -0.01	53.08 2.57 -0.01
NYS_BARGE____HYD 23848	54.98 -0.56 0.00	50.11 -0.76 0.00	44.82 -1.87 0.00	41.12 -1.94 0.00	40.85 -1.92 0.00	44.02 -2.07 0.00	49.93 -2.30 0.00	51.36 -2.20 0.00	51.64 -2.43 0.00	55.49 -1.30 0.00	55.37 -0.67 0.00	60.56 -0.99 0.00	66.87 -1.02 0.00	71.23 -0.79 0.00	71.65 -0.65 0.00	75.96 0.46 0.00	82.11 -0.33 0.00	92.66 0.09 0.00	88.78 0.09 0.00	77.58 0.61 0.00	71.61 -0.95 0.00	63.77 -0.77 0.00	57.34 -0.52 0.00	50.95 0.45 0.00
OAK ORCHARD____HYD 24046	55.65 0.11 0.00	50.67 -0.20 0.00	45.80 -0.89 0.00	42.02 -1.03 0.00	41.71 -1.07 0.00	45.08 -1.01 0.00	51.13 -1.10 0.00	53.13 -0.43 0.00	53.53 -0.54 0.00	57.03 0.23 0.00	56.72 0.67 0.00	62.16 0.62 0.00	68.70 0.82 0.00	73.17 1.15 0.00	73.53 1.23 0.00	77.46 1.96 0.00	84.00 1.56 0.00	94.97 2.40 0.00	91.27 2.57 0.00	79.43 2.46 0.00	74.00 1.45 0.00	65.57 1.03 0.00	58.44 0.58 0.00	51.05 0.56 0.00

OAKDALE___35_KV_LOAD 356122	55.82 0.28 0.00	50.98 0.10 0.00	46.45 -0.23 0.00	42.84 -0.22 0.00	42.56 -0.21 0.00	45.86 -0.23 0.00	52.02 -0.21 0.00	53.45 -0.11 0.00	53.91 -0.16 0.00	56.85 0.06 0.00	56.21 0.17 0.00	61.85 0.31 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.68 1.37 0.00	77.32 1.81 0.00	84.17 1.73 0.00	94.79 2.22 0.00	90.73 2.04 0.00	78.97 2.00 0.00	73.79 1.23 0.00	65.25 0.71 0.00	58.26 0.41 0.00	51.00 0.50 0.00
OCC_CHEM___DRP 24175	53.76 -1.78 0.00	49.04 -1.83 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.05 -3.04 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.70 -2.10 0.00	54.30 -1.74 0.00	59.76 -1.78 0.00	65.85 -2.04 0.00	70.08 -1.94 0.00	70.50 -1.81 0.00	74.75 -0.76 0.00	80.62 -1.81 0.00	91.27 -1.30 0.00	87.27 -1.42 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	50.19 -0.30 0.00
OH_GEN_PROXY 24063	54.37 -1.17 0.00	49.60 -1.27 0.00	44.35 -2.33 0.00	40.77 -2.28 0.00	40.51 -2.27 0.00	43.65 -2.44 0.00	49.51 -2.72 0.00	51.20 -2.36 0.00	51.47 -2.59 0.00	55.32 -1.48 0.00	55.09 -0.95 0.00	60.38 -1.17 0.00	66.60 -1.29 0.00	70.95 -1.08 0.00	71.36 -0.94 0.00	75.58 0.08 0.00	81.87 -0.57 0.00	92.29 -0.28 0.00	88.25 -0.44 0.00	77.04 0.08 0.00	71.17 -1.38 0.00	63.50 -1.04 0.00	57.10 -0.75 0.00	50.30 -0.20 0.00
OLIN_CORP_DRP 24177	54.48 -1.06 0.00	49.70 -1.17 0.00	44.49 -2.19 0.00	40.86 -2.20 0.00	40.60 -2.18 0.00	43.69 -2.40 0.00	49.51 -2.72 0.00	50.83 -2.73 0.00	51.04 -3.03 0.00	54.92 -1.87 0.00	54.47 -1.57 0.00	59.95 -1.60 0.00	66.12 -1.77 0.00	70.37 -1.66 0.00	70.79 -1.52 0.00	75.13 -0.38 0.00	80.95 -1.48 0.00	91.64 -0.93 0.00	87.72 -0.98 0.00	76.66 -0.31 0.00	70.74 -1.81 0.00	63.06 -1.48 0.00	56.76 -1.10 0.00	49.89 -0.61 0.00
OLIN_CORP_DSASP 323712	53.82 -1.72 0.00	49.09 -1.78 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.10 -3.00 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.76 -2.04 0.00	54.58 -1.46 0.00	59.76 -1.79 0.00	65.85 -2.03 0.00	70.08 -1.94 0.00	70.50 -1.80 0.00	74.75 -0.75 0.00	80.87 -1.57 0.00	91.18 -1.39 0.00	87.18 -1.51 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	49.79 -0.71 0.00
ONEIDA_HERK_LFGE 323681	57.54 2.00 0.00	52.60 1.73 0.00	48.08 1.40 0.00	44.26 1.20 0.00	43.97 1.20 0.00	47.47 1.38 0.00	53.95 1.72 0.00	55.43 1.87 0.00	55.80 1.73 0.00	58.56 1.76 0.00	57.56 1.51 0.00	63.02 1.47 0.00	69.51 1.63 0.00	73.83 1.80 0.00	74.18 1.88 0.00	77.46 1.96 0.00	84.09 1.65 0.00	94.89 2.32 0.00	92.15 3.46 0.00	80.20 3.23 0.00	75.53 2.98 0.00	66.93 2.39 0.00	59.83 1.97 0.00	52.01 1.51 0.00
ONEIDA___115KV_TB4 55905	57.32 1.78 0.00	52.40 1.53 0.00	47.85 1.17 0.00	44.00 0.95 0.00	43.76 0.98 0.00	47.20 1.11 0.00	53.64 1.41 0.00	55.16 1.61 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.46 0.00	63.02 1.48 0.00	69.65 1.77 0.00	74.11 2.09 0.00	74.55 2.24 0.00	77.92 2.42 0.00	84.91 2.47 0.00	95.81 3.24 0.00	92.59 3.90 0.00	80.58 3.62 0.00	75.67 3.12 0.00	66.86 2.32 0.00	59.71 1.85 0.00	51.91 1.41 0.00
ONONDAGA_REF_OCCRA 23987	55.09 -0.44 0.00	50.31 -0.56 0.00	45.98 -0.70 0.00	42.32 -0.73 0.00	42.05 -0.73 0.00	45.35 -0.74 0.00	51.50 -0.73 0.00	53.02 -0.54 0.00	53.47 -0.59 0.00	56.23 -0.57 0.00	55.59 -0.45 0.00	61.05 -0.49 0.00	67.62 -0.27 0.00	71.95 -0.07 0.00	72.45 0.14 0.00	75.96 0.45 0.00	82.60 0.16 0.00	93.22 0.65 0.00	89.40 0.71 0.00	77.81 0.85 0.00	72.99 0.44 0.00	64.41 -0.13 0.00	57.57 -0.29 0.00	50.14 -0.35 0.00
ONONDAGA___COGEN 23986	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
ONTARIO___LFGE 23819	56.15 0.61 0.00	51.13 0.26 0.00	46.45 -0.23 0.00	42.80 -0.26 0.00	42.52 -0.26 0.00	45.91 -0.18 0.00	52.07 -0.16 0.00	53.66 0.11 0.00	53.96 -0.11 0.00	56.97 0.17 0.00	56.55 0.50 0.00	62.04 0.49 0.00	68.70 0.82 0.00	73.17 1.15 0.00	73.61 1.30 0.00	77.46 1.96 0.00	84.25 1.81 0.00	94.60 2.03 0.00	91.44 2.75 0.00	80.12 3.16 0.00	74.87 2.32 0.00	65.96 1.42 0.00	58.78 0.92 0.00	51.35 0.86 0.00
ORANGEVILLE_WT_PWR 323706	55.65 0.11 0.00	50.67 -0.20 0.00	45.47 -1.21 0.00	41.80 -1.25 0.00	41.54 -1.24 0.00	44.75 -1.34 0.00	50.82 -1.41 0.00	52.33 -1.23 0.00	52.39 -1.68 0.00	56.00 -0.80 0.00	55.76 -0.28 0.00	61.05 -0.49 0.00	67.62 -0.27 0.00	72.10 0.07 0.00	72.59 0.29 0.00	76.86 1.36 0.00	83.18 0.74 0.00	93.96 1.39 0.00	90.20 1.51 0.00	79.12 2.15 0.00	73.28 0.73 0.00	65.05 0.51 0.00	58.32 0.46 0.00	51.41 0.91 0.00
ORANGEVILLE___ESR 323794	55.65 0.11 0.00	50.67 -0.20 0.00	45.47 -1.21 0.00	41.80 -1.25 0.00	41.54 -1.24 0.00	44.75 -1.34 0.00	50.82 -1.41 0.00	52.33 -1.23 0.00	52.39 -1.68 0.00	56.00 -0.80 0.00	55.76 -0.28 0.00	61.05 -0.49 0.00	67.62 -0.27 0.00	72.10 0.07 0.00	72.59 0.29 0.00	76.86 1.36 0.00	83.18 0.74 0.00	93.96 1.39 0.00	90.20 1.51 0.00	79.12 2.15 0.00	73.28 0.73 0.00	65.05 0.51 0.00	58.32 0.46 0.00	51.41 0.91 0.00
OSWEGATCHIE___HYD 24044	57.54 2.00 0.00	52.81 1.93 0.00	48.36 1.68 0.00	44.47 1.42 0.00	44.23 1.46 0.00	47.75 1.66 0.00	54.27 2.03 0.00	55.59 2.03 0.00	55.69 1.62 0.00	58.45 1.65 0.00	57.27 1.23 0.00	62.41 0.86 0.00	68.50 0.61 0.00	71.88 -0.14 0.00	71.51 -0.79 0.00	74.22 -1.28 0.00	80.46 -1.98 0.00	90.72 -1.85 0.00	88.78 0.09 0.00	77.35 0.39 0.00	73.71 1.16 0.00	65.90 1.36 0.00	59.31 1.45 0.00	51.76 1.26 0.00
OSWEGO___5 23606	54.26 -1.28 0.00	49.60 -1.27 0.00	45.38 -1.31 0.00	41.80 -1.25 0.00	41.54 -1.24 0.00	44.80 -1.29 0.00	50.82 -1.41 0.00	52.22 -1.34 0.00	52.66 -1.41 0.00	55.43 -1.36 0.00	54.81 -1.23 0.00	60.13 -1.41 0.00	66.46 -1.43 0.00	70.73 -1.29 0.00	71.14 -1.16 0.00	74.52 -0.98 0.00	81.12 -1.32 0.00	91.27 -1.30 0.00	87.63 -1.06 0.00	76.20 -0.77 0.00	71.47 -1.09 0.00	63.31 -1.23 0.00	56.64 -1.22 0.00	49.39 -1.11 0.00
OSWEGO___6 23613	54.26 -1.28 0.00	49.60 -1.27 0.00	45.38 -1.31 0.00	41.80 -1.25 0.00	41.54 -1.24 0.00	44.80 -1.29 0.00	50.82 -1.41 0.00	52.22 -1.34 0.00	52.66 -1.41 0.00	55.43 -1.36 0.00	54.81 -1.23 0.00	60.13 -1.41 0.00	66.46 -1.43 0.00	70.73 -1.29 0.00	71.14 -1.16 0.00	74.52 -0.98 0.00	81.12 -1.32 0.00	91.27 -1.30 0.00	87.63 -1.06 0.00	76.20 -0.77 0.00	71.47 -1.09 0.00	63.31 -1.23 0.00	56.64 -1.22 0.00	49.39 -1.11 0.00

OUTOKUMPU-AB___DRP 24206	55.37 -0.17 0.00	50.42 -0.46 0.00	45.10 -1.59 0.00	41.42 -1.64 0.00	41.15 -1.63 0.00	44.29 -1.80 0.00	50.30 -1.93 0.00	52.00 -1.55 0.00	52.28 -1.78 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	72.17 0.14 0.00	72.59 0.29 0.00	77.01 1.51 0.00	82.93 0.49 0.00	93.96 1.39 0.00	89.93 1.24 0.00	78.58 1.62 0.00	72.34 -0.22 0.00	64.41 -0.13 0.00	58.09 0.23 0.00	51.25 0.76 0.00
OXBOW___BTM 323836	54.76 -0.78 0.00	49.91 -0.97 0.00	44.58 -2.10 0.00	40.90 -2.15 0.00	40.68 -2.10 0.00	43.79 -2.30 0.00	49.72 -2.51 0.00	51.47 -2.09 0.00	51.69 -2.38 0.00	55.66 -1.14 0.00	55.54 -0.51 0.00	60.69 -0.86 0.00	66.94 -0.95 0.00	71.38 -0.65 0.00	71.80 -0.50 0.00	76.11 0.60 0.00	82.27 -0.16 0.00	92.85 0.28 0.00	88.78 0.09 0.00	77.58 0.61 0.00	71.54 -1.02 0.00	63.77 -0.77 0.00	57.46 -0.40 0.00	50.65 0.15 0.00
OXBOW___ 24026	54.71 -0.83 0.00	49.81 -1.07 0.00	44.58 -2.10 0.00	40.90 -2.15 0.00	40.68 -2.10 0.00	43.74 -2.35 0.00	49.72 -2.51 0.00	51.47 -2.09 0.00	51.69 -2.38 0.00	55.60 -1.19 0.00	55.20 -0.84 0.00	60.69 -0.86 0.00	66.94 -0.95 0.00	71.38 -0.65 0.00	71.80 -0.51 0.00	76.11 0.60 0.00	82.03 -0.41 0.00	92.85 0.28 0.00	88.87 0.18 0.00	77.66 0.69 0.00	71.54 -1.02 0.00	63.77 -0.77 0.00	57.45 -0.41 0.00	50.85 0.35 0.00
OXY_CHEM_DSASP 323612	53.76 -1.78 0.00	49.04 -1.83 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.05 -3.04 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.70 -2.10 0.00	54.30 -1.74 0.00	59.76 -1.78 0.00	65.85 -2.04 0.00	70.08 -1.94 0.00	70.50 -1.81 0.00	74.75 -0.76 0.00	80.62 -1.81 0.00	91.27 -1.30 0.00	87.27 -1.42 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	50.19 -0.30 0.00
OZONE_PARK_ESR 323760	58.21 2.67 0.00	53.52 2.65 0.00	49.11 2.43 0.00	45.29 2.24 0.00	44.96 2.18 0.00	48.58 2.49 0.00	54.89 2.66 0.00	56.34 2.78 0.00	57.26 3.19 0.00	60.04 3.24 0.00	59.57 3.53 0.00	65.49 3.94 0.00	72.64 4.75 0.00	78.44 6.41 0.00	80.61 7.74 -0.57	84.04 8.53 0.00	93.83 9.89 -1.50	103.65 10.74 -0.35	97.44 8.69 -0.06	83.82 6.85 0.00	77.63 5.08 0.00	68.28 3.74 0.00	60.98 3.12 0.00	53.38 2.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	53.76 -1.78 0.00	49.04 -1.83 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.05 -3.04 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.70 -2.10 0.00	54.30 -1.74 0.00	59.76 -1.78 0.00	65.85 -2.04 0.00	70.08 -1.94 0.00	70.50 -1.81 0.00	74.75 -0.76 0.00	80.62 -1.81 0.00	91.27 -1.30 0.00	87.27 -1.42 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	50.19 -0.30 0.00
PACKARD___115KV_DUPONT_184 80571	53.76 -1.78 0.00	49.04 -1.83 0.00	43.84 -2.85 0.00	40.30 -2.76 0.00	40.04 -2.74 0.00	43.05 -3.04 0.00	48.94 -3.29 0.00	50.61 -2.95 0.00	50.88 -3.19 0.00	54.70 -2.10 0.00	54.30 -1.74 0.00	59.76 -1.78 0.00	65.85 -2.04 0.00	70.08 -1.94 0.00	70.50 -1.81 0.00	74.75 -0.76 0.00	80.62 -1.81 0.00	91.27 -1.30 0.00	87.27 -1.42 0.00	76.20 -0.77 0.00	70.30 -2.25 0.00	62.73 -1.81 0.00	56.53 -1.33 0.00	50.19 -0.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.55 2.00 -0.01	53.02 2.14 -0.01	48.97 2.29 0.00	45.12 2.07 0.00	44.83 2.05 0.00	48.39 2.30 0.00	54.43 2.19 -0.01	55.70 2.14 0.00	56.61 2.54 0.00	59.13 2.33 0.00	58.96 2.91 -0.01	64.20 2.65 -0.01	71.15 3.26 -0.01	76.86 4.83 -0.01	78.97 6.07 -0.59	82.24 6.72 -0.02	91.78 7.83 -1.51	101.35 8.42 -0.36	95.32 6.56 -0.07	81.32 5.00 0.65	74.98 3.41 0.99	66.11 2.32 0.76	59.78 1.91 -0.01	53.07 2.58 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.82 3.28 -0.01	54.19 3.31 -0.01	50.00 3.31 0.00	46.07 3.01 0.00	45.77 2.99 0.00	49.41 3.32 0.00	55.58 3.34 -0.01	56.82 3.27 0.00	57.74 3.68 0.00	60.32 3.52 0.00	60.20 4.15 -0.01	65.56 4.00 -0.01	72.65 4.75 -0.01	78.52 6.48 -0.01	80.70 7.81 -0.59	84.05 8.53 -0.02	93.84 9.89 -1.51	103.76 10.83 -0.36	97.72 8.96 -0.07	83.40 7.08 0.65	76.79 5.22 0.99	67.72 3.94 0.76	61.22 3.36 -0.01	54.23 3.74 0.00
PATROON___115KV_TB1 80586	55.82 0.28 0.00	51.13 0.25 0.00	47.01 0.33 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.51 0.41 0.00	52.65 0.42 0.00	53.93 0.37 0.00	54.55 0.49 0.00	57.20 0.40 0.00	56.27 0.22 0.00	61.79 0.25 0.00	68.36 0.48 0.00	73.39 1.37 0.00	74.98 2.17 -0.51	77.70 2.19 0.00	86.58 2.80 -1.34	95.93 3.05 -0.31	91.56 2.66 -0.21	76.41 2.16 2.71	73.86 1.31 0.00	65.06 0.52 0.00	58.03 0.17 0.00	50.55 0.05 0.00
PATTRSNVILLE___SOLAR 323815	57.32 1.78 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.43 1.38 0.00	44.15 1.37 0.00	47.66 1.57 0.00	54.01 1.78 0.00	55.22 1.66 0.00	55.53 1.46 0.00	57.87 1.08 0.00	56.77 0.73 0.00	62.29 0.74 0.00	68.84 0.95 0.00	73.68 1.66 0.00	75.99 2.38 -1.30	78.30 2.80 0.00	89.31 3.46 -3.41	97.62 4.26 -0.79	93.53 4.52 -0.32	81.12 4.15 0.00	75.96 3.41 0.00	67.05 2.51 0.00	59.83 1.97 0.00	52.11 1.62 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	55.59 0.06 0.00	50.57 -0.31 0.00	45.24 -1.45 0.00	41.59 -1.46 0.00	41.37 -1.41 0.00	44.52 -1.57 0.00	50.61 -1.62 0.00	52.27 -1.29 0.00	52.55 -1.51 0.00	56.40 -0.40 0.00	55.99 -0.06 0.00	61.79 0.25 0.00	68.50 0.61 0.00	73.25 1.22 0.00	73.68 1.37 0.00	78.15 2.64 0.00	84.17 1.73 0.00	95.44 2.87 0.00	91.18 2.48 0.00	79.66 2.69 0.00	73.35 0.80 0.00	65.06 0.52 0.00	58.32 0.46 0.00	51.31 0.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	57.93 2.39 0.00	53.11 2.24 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.53 1.75 0.00	48.21 2.12 0.00	54.63 2.40 0.00	55.86 2.30 0.00	56.66 2.60 0.00	59.35 2.56 0.00	58.79 2.75 0.00	64.75 3.20 0.00	72.10 4.21 0.00	77.79 5.76 0.00	79.63 6.80 -0.53	83.28 7.78 0.00	92.64 8.82 -1.38	102.70 9.81 -0.32	96.76 8.07 0.00	83.28 6.31 0.00	77.34 4.79 0.00	67.83 3.29 0.00	60.46 2.60 0.00	52.82 2.32 0.00
PEEKSKILL___ 23653	57.15 1.61 0.00	52.50 1.63 0.00	48.18 1.49 0.00	44.47 1.42 0.00	44.15 1.37 0.00	47.66 1.57 0.00	53.90 1.67 0.00	55.22 1.66 0.00	56.12 2.05 0.00	58.78 1.99 0.00	58.12 2.07 0.00	64.01 2.46 0.00	71.08 3.19 0.00	76.70 4.68 0.00	78.72 5.85 -0.56	82.00 6.49 0.00	91.33 7.42 -1.46	101.06 8.15 -0.34	95.14 6.39 -0.05	81.97 5.00 0.00	76.04 3.48 0.00	66.86 2.32 0.00	59.65 1.80 0.00	52.21 1.72 0.00
PGE MADISON___WINDPWR 24146	60.26 4.72 0.00	54.95 4.07 0.00	49.90 3.22 0.00	45.85 2.80 0.00	45.56 2.78 0.00	49.32 3.23 0.00	56.25 4.02 0.00	58.00 4.44 0.00	58.07 4.00 0.00	61.00 4.20 0.00	59.85 3.81 0.00	65.49 3.94 0.00	72.51 4.62 0.00	77.07 5.04 0.00	77.44 5.13 0.00	81.17 5.67 0.00	88.21 5.77 0.00	100.25 7.68 0.00	98.00 9.31 0.00	85.51 8.54 0.00	80.03 7.47 0.00	70.41 5.87 0.00	62.66 4.80 0.00	54.39 3.89 0.00

PIERCEFIELD___HYD 23852	56.93 1.39 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.95 1.72 0.00	55.11 1.55 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.83 0.78 0.00	61.79 0.25 0.00	67.55 -0.34 0.00	70.30 -1.73 0.00	69.34 -2.96 0.00	71.58 -3.93 0.00	77.90 -4.53 0.00	87.29 -5.28 0.00	85.32 -3.37 0.00	74.04 -2.92 0.00	71.17 -1.38 0.00	64.28 -0.26 0.00	58.26 0.41 0.00	51.05 0.56 0.00
PINELAWN_CC_1 323563	58.65 3.11 0.00	54.24 3.36 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.28 3.18 -0.01	55.52 3.29 0.00	56.82 3.27 0.00	57.64 3.57 0.00	58.73 1.93 0.00	57.67 1.63 0.00	64.13 2.58 0.00	71.61 3.60 -0.13	81.41 5.55 -3.84	87.88 6.79 -8.79	92.11 7.48 -9.13	103.58 8.65 -12.48	112.00 9.54 -9.89	105.11 7.81 -8.61	92.15 6.08 -9.10	80.11 4.43 -3.13	70.44 2.77 -3.13	59.88 2.02 0.00	52.31 1.72 -0.09
PJM_GEN_HTTP_PROXY 323702	57.48 1.94 0.00	52.86 1.98 0.00	48.55 1.87 0.00	44.78 1.72 0.00	44.49 1.71 0.00	48.03 1.94 0.00	54.27 2.03 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.36 2.56 0.00	58.73 2.69 0.00	64.62 3.08 0.00	71.69 3.80 0.00	77.43 5.40 0.00	79.60 6.73 -0.57	82.83 7.32 0.00	92.43 8.49 -1.50	102.08 9.17 -0.35	96.02 7.27 -0.06	82.66 5.70 0.00	76.40 3.84 0.00	67.25 2.71 0.00	60.11 2.25 0.00	52.62 2.12 0.00
PJM_GEN_KEystone 24065	55.34 0.22 0.42	50.90 0.15 0.13	46.06 -0.38 0.25	42.75 -0.30 0.00	42.48 -0.30 0.00	45.77 -0.32 0.00	51.57 -0.42 0.25	52.90 -0.32 0.34	53.45 -0.22 0.41	56.33 0.11 0.58	55.97 0.40 0.47	61.33 0.62 0.83	67.89 1.08 1.08	73.06 2.01 0.98	74.66 2.68 0.32	78.50 3.40 0.40	86.33 3.71 -0.18	95.96 4.17 0.78	90.69 3.10 1.11	77.98 2.62 1.60	72.01 1.16 1.70	63.97 0.65 1.22	57.64 0.35 0.56	51.19 0.76 0.06
PJM_GEN_NEPTUNE_PROXY 323594	57.87 2.33 0.00	53.47 2.59 -0.01	49.07 2.38 -0.01	45.30 2.24 -0.01	45.01 2.22 -0.01	48.59 2.49 -0.01	54.74 2.51 0.00	56.07 2.52 0.00	56.82 2.76 0.00	58.56 1.76 0.00	57.72 1.68 0.00	64.13 2.58 0.00	71.62 3.73 0.00	77.67 5.55 -0.10	79.68 6.73 -0.65	82.95 7.40 -0.05	92.55 8.49 -1.61	102.18 9.26 -0.35	96.29 7.53 -0.06	82.98 6.01 -0.01	76.84 4.28 -0.01	67.31 2.77 0.00	59.76 1.91 0.01	52.11 1.62 0.00
PJM_GEN_VFT_PROXY 323633	51.05 1.55 6.04	50.69 1.63 1.81	48.32 1.63 0.00	44.56 1.51 0.00	44.23 1.46 0.00	47.75 1.66 0.00	50.44 1.72 3.51	50.50 1.76 4.82	50.46 2.22 5.82	50.68 2.16 8.27	51.61 2.30 6.74	52.35 2.64 11.84	55.72 3.26 15.43	62.83 4.83 14.02	70.14 6.14 8.31	76.44 6.72 5.78	83.27 7.91 7.08	87.68 8.51 13.40	79.50 6.56 15.76	61.09 5.08 20.95	54.58 3.34 21.31	51.64 2.26 15.15	51.66 1.85 8.05	51.39 1.77 0.88
PLATSBURG_115KV_PMLD1 355749	56.43 0.89 0.00	51.74 0.86 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.89 1.11 0.00	47.29 1.20 0.00	53.38 1.15 0.00	54.57 1.02 0.00	54.83 0.76 0.00	57.65 0.85 0.00	56.83 0.78 0.00	62.29 0.74 0.00	68.29 0.41 0.00	71.45 -0.58 0.00	70.86 -1.45 0.00	73.62 -1.89 0.00	80.29 -2.14 0.00	89.89 -2.68 0.00	87.27 -1.42 0.00	75.66 -1.31 0.00	72.41 -0.15 0.00	64.93 0.39 0.00	58.50 0.64 0.00	51.15 0.66 0.00
PLEASANTVLY___LBMP 24000	56.82 1.28 0.00	52.20 1.32 0.00	47.90 1.21 0.00	44.22 1.16 0.00	43.93 1.15 0.00	47.43 1.34 0.00	53.59 1.36 0.00	54.95 1.39 0.00	55.80 1.73 0.00	58.44 1.65 0.00	57.72 1.68 0.00	63.52 1.97 0.00	70.47 2.58 0.00	75.91 3.89 0.00	77.95 4.99 -0.66	80.94 5.44 0.00	90.51 6.35 -1.72	99.82 6.85 -0.40	94.26 5.50 -0.07	81.20 4.23 0.00	75.46 2.90 0.00	66.41 1.87 0.00	59.31 1.45 0.00	51.86 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.65 1.59 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.11 1.88 0.00	55.49 1.93 0.00	56.39 2.32 0.00	59.13 2.33 0.00	58.51 2.47 0.00	64.38 2.83 0.00	71.42 3.53 0.00	77.14 5.11 0.00	79.24 6.36 -0.58	82.45 6.95 0.00	92.03 8.08 -1.51	101.62 8.70 -0.35	95.67 6.92 -0.06	82.35 5.39 0.00	76.40 3.85 0.00	67.12 2.58 0.00	59.88 2.03 0.00	52.47 1.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.37 1.83 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.65 1.59 0.00	44.32 1.54 0.00	47.84 1.75 0.00	54.11 1.88 0.00	55.49 1.93 0.00	56.39 2.32 0.00	59.13 2.33 0.00	58.51 2.47 0.00	64.38 2.83 0.00	71.42 3.53 0.00	77.14 5.11 0.00	79.24 6.36 -0.58	82.45 6.95 0.00	92.03 8.08 -1.51	101.62 8.70 -0.35	95.67 6.92 -0.06	82.35 5.39 0.00	76.40 3.85 0.00	67.12 2.58 0.00	59.88 2.03 0.00	52.47 1.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.48 1.94 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.60 1.55 0.00	44.27 1.50 0.00	47.80 1.71 0.00	54.16 1.93 0.00	55.49 1.93 0.00	56.23 2.16 0.00	58.90 2.10 0.00	58.17 2.13 0.00	64.07 2.52 0.00	71.15 3.26 0.00	76.56 4.54 0.00	78.49 5.64 -0.54	81.77 6.27 0.00	91.11 7.25 -1.42	100.86 7.96 -0.33	95.32 6.56 -0.06	82.28 5.31 0.00	76.47 3.92 0.00	67.25 2.71 0.00	59.94 2.08 0.00	52.31 1.82 0.00
POLETTI_____ 23519	57.37 1.83 0.00	52.81 1.93 0.00	48.51 1.82 0.00	44.73 1.68 0.00	44.45 1.67 0.00	47.98 1.89 0.00	54.22 1.98 0.00	55.59 2.04 0.00	56.56 2.49 0.00	59.24 2.44 0.00	58.73 2.69 0.00	64.50 2.95 0.00	71.49 3.60 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.76 7.01 -0.06	82.43 5.46 0.00	76.33 3.77 0.00	67.12 2.58 0.00	60.00 2.14 0.00	52.57 2.07 0.00
POMONA___ESR 323819	57.15 1.61 0.00	52.40 1.52 0.00	48.08 1.40 0.00	44.34 1.29 0.00	44.06 1.28 0.00	47.56 1.47 0.00	53.80 1.57 0.00	55.16 1.61 0.00	56.01 1.94 0.00	58.67 1.87 0.00	58.00 1.96 0.00	63.94 2.40 0.00	71.01 3.12 0.00	76.64 4.61 0.00	78.54 5.71 -0.53	81.85 6.34 0.00	91.07 7.26 -1.38	100.85 7.96 -0.32	94.95 6.21 -0.05	81.90 4.93 0.00	75.96 3.41 0.00	66.86 2.32 0.00	59.59 1.73 0.00	52.16 1.66 0.00
PORT_JEFF_3 23555	58.76 3.22 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.99 2.93 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.80 3.73 0.00	59.29 2.50 0.00	58.00 1.96 0.00	64.44 2.89 0.00	74.02 4.07 -2.06	125.09 5.76 -47.30	198.48 7.01 -119.16	221.23 7.62 -138.10	249.57 8.83 -158.31	252.41 9.63 -150.21	230.95 7.89 -134.36	226.14 6.23 -142.94	126.26 4.57 -49.13	116.92 3.16 -49.22	60.24 2.37 -0.01	54.21 2.27 -1.44
PORT_JEFF_4 23616	58.76 3.22 0.00	54.44 3.56 -0.01	49.91 3.22 -0.01	45.99 2.93 -0.01	45.70 2.91 -0.01	49.46 3.36 -0.01	55.68 3.45 0.00	56.93 3.38 0.00	57.80 3.73 0.00	59.29 2.50 0.00	58.00 1.96 0.00	64.44 2.89 0.00	74.02 4.07 -2.06	125.09 5.76 -47.30	198.48 7.01 -119.16	221.23 7.62 -138.10	249.57 8.83 -158.31	252.41 9.63 -150.21	230.95 7.89 -134.36	226.14 6.23 -142.94	126.26 4.57 -49.13	116.92 3.16 -49.22	60.24 2.37 -0.01	54.21 2.27 -1.44

PORT_JEFF_IC 23713	58.98 3.44 0.00	54.59 3.71 0.00	50.00 3.31 0.00	46.07 3.01 0.00	45.77 2.99 0.00	49.55 3.46 0.00	55.78 3.55 0.00	56.88 3.32 0.00	58.12 4.06 0.00	60.43 3.64 0.00	58.34 2.30 0.00	64.75 3.20 0.00	74.48 4.21 -2.38	132.50 5.98 -54.50	216.81 7.23 -137.28	242.57 7.85 -159.22	273.84 9.15 -182.25	275.62 9.91 -173.14	251.67 8.07 -154.91	248.16 6.39 -164.81	133.99 4.79 -56.65	124.52 3.23 -56.75	60.47 2.60 -0.01	54.73 2.58 -1.66
PPL PILGRIM_ST_GT1 24216	59.10 3.56 0.00	54.80 3.92 -0.01	50.24 3.55 -0.01	46.29 3.23 -0.01	46.03 3.25 -0.01	49.79 3.69 -0.01	56.04 3.81 0.00	57.36 3.80 0.00	58.13 4.06 0.00	59.64 2.84 0.00	58.45 2.41 0.00	64.87 3.32 0.00	72.99 4.68 -0.42	88.75 6.70 -10.02	104.90 7.52 -25.07	112.08 8.23 -28.34	125.87 9.48 -33.95	133.97 10.46 -30.94	124.86 8.70 -27.47	112.99 6.85 -29.18	88.10 5.51 -10.03	78.33 3.74 -10.05	60.69 2.83 0.00	53.16 2.37 -0.29
PPL PILGRIM_ST_GT2 24217	59.10 3.56 0.00	54.80 3.92 -0.01	50.24 3.55 -0.01	46.29 3.23 -0.01	46.03 3.25 -0.01	49.79 3.69 -0.01	56.04 3.81 0.00	57.36 3.80 0.00	58.13 4.06 0.00	59.64 2.84 0.00	58.45 2.41 0.00	64.87 3.32 0.00	72.99 4.68 -0.42	88.75 6.70 -10.02	104.90 7.52 -25.07	112.08 8.23 -28.34	125.87 9.48 -33.95	133.97 10.46 -30.94	124.86 8.70 -27.47	112.99 6.85 -29.18	88.10 5.51 -10.03	78.33 3.74 -10.05	60.69 2.83 0.00	53.16 2.37 -0.29
PPL_SHRM_GT3 24213	58.76 3.22 0.00	54.39 3.51 -0.01	49.82 3.13 -0.01	45.90 2.84 -0.01	45.65 2.87 -0.01	49.42 3.32 -0.01	55.58 3.35 0.00	56.45 2.89 0.00	57.31 3.24 0.00	58.84 2.04 0.00	57.78 1.74 0.00	64.38 2.83 0.00	74.34 4.35 -2.11	126.67 6.34 -48.31	201.65 7.66 -121.69	224.78 8.23 -141.04	253.72 9.64 -161.64	257.54 11.57 -153.40	235.67 9.76 -137.22	230.64 7.70 -145.98	128.68 5.95 -50.18	118.94 4.13 -50.27	60.76 2.89 -0.01	54.44 2.47 -1.47
PPL_SHRM_GT4 24214	58.76 3.22 0.00	54.39 3.51 -0.01	49.82 3.13 -0.01	45.90 2.84 -0.01	45.65 2.87 -0.01	49.42 3.32 -0.01	55.58 3.35 0.00	56.45 2.89 0.00	57.31 3.24 0.00	58.84 2.04 0.00	57.78 1.74 0.00	64.38 2.83 0.00	74.34 4.35 -2.11	126.67 6.34 -48.31	201.65 7.66 -121.69	224.78 8.23 -141.04	253.72 9.64 -161.64	257.54 11.57 -153.40	235.67 9.76 -137.22	230.64 7.70 -145.98	128.68 5.95 -50.18	118.94 4.13 -50.27	60.76 2.89 -0.01	54.44 2.47 -1.47
PROJECT___ORANGE 1 24174	54.93 -0.61 0.00	50.16 -0.71 0.00	45.84 -0.84 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.21 -0.88 0.00	51.34 -0.89 0.00	52.81 -0.75 0.00	53.31 -0.76 0.00	56.12 -0.68 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.41 -0.48 0.00	71.81 -0.22 0.00	72.23 -0.07 0.00	75.73 0.23 0.00	82.36 -0.08 0.00	92.94 0.37 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.63 0.07 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
PROJECT___ORANGE 2 24166	54.93 -0.61 0.00	50.16 -0.71 0.00	45.84 -0.84 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.21 -0.88 0.00	51.34 -0.89 0.00	52.81 -0.75 0.00	53.31 -0.76 0.00	56.12 -0.68 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.41 -0.48 0.00	71.81 -0.22 0.00	72.23 -0.07 0.00	75.73 0.23 0.00	82.36 -0.08 0.00	92.94 0.37 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.63 0.07 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
PUCKETT___SOLAR 323809	56.87 1.33 0.00	51.89 1.02 0.00	47.29 0.61 0.00	43.57 0.52 0.00	43.29 0.52 0.00	46.69 0.60 0.00	53.02 0.78 0.00	54.52 0.97 0.00	54.82 0.76 0.00	57.70 0.91 0.00	56.94 0.89 0.00	62.47 0.92 0.00	69.17 1.29 0.00	73.75 1.73 0.00	74.33 2.02 0.00	77.99 2.49 0.00	84.91 2.47 0.00	96.00 3.43 0.00	92.42 3.72 0.00	80.58 3.62 0.00	75.31 2.76 0.00	66.47 1.93 0.00	59.36 1.50 0.00	51.86 1.36 0.00
PYRITES___HYD 24023	58.09 2.55 0.00	53.47 2.59 0.00	49.02 2.33 0.00	45.12 2.07 0.00	44.87 2.10 0.00	48.39 2.30 0.00	54.95 2.72 0.00	56.07 2.52 0.00	56.01 1.95 0.00	58.73 1.93 0.00	57.56 1.51 0.00	62.59 1.05 0.00	68.36 0.48 0.00	71.09 -0.94 0.00	70.28 -2.02 0.00	72.48 -3.02 0.00	78.98 -3.46 0.00	88.59 -3.98 0.00	87.01 -1.69 0.00	75.73 -1.23 0.00	72.99 0.44 0.00	65.90 1.36 0.00	59.59 1.74 0.00	52.11 1.62 0.00
QUAKERRD_115KV_BK1 80622	54.43 -1.11 0.00	49.50 -1.37 0.00	44.96 -1.73 0.00	41.25 -1.81 0.00	40.98 -1.80 0.00	44.25 -1.84 0.00	50.19 -2.04 0.00	51.95 -1.61 0.00	52.39 -1.68 0.00	55.66 -1.14 0.00	55.15 -0.90 0.00	60.62 -0.92 0.00	67.00 -0.88 0.00	71.38 -0.65 0.00	71.65 -0.65 0.00	75.43 -0.08 0.00	81.78 -0.66 0.00	92.57 0.00 0.00	88.87 0.18 0.00	77.35 0.38 0.00	72.12 -0.44 0.00	63.83 -0.71 0.00	56.93 -0.93 0.00	49.64 -0.86 0.00
QUENSBRY_115KV_TB8 356137	58.09 2.55 0.00	53.01 2.14 0.00	48.65 1.96 0.00	44.82 1.77 0.00	44.57 1.80 0.00	48.26 2.17 0.00	54.79 2.56 0.00	56.18 2.62 0.00	56.72 2.65 0.00	59.35 2.56 0.00	57.78 1.74 0.00	63.39 1.85 0.00	69.99 2.10 0.00	75.19 3.17 0.00	78.39 3.83 -2.25	79.59 4.08 -0.01	93.29 4.95 -5.91	99.77 5.83 -1.36	96.13 6.92 -0.52	85.24 6.08 -2.19	77.85 5.30 0.00	68.41 3.87 0.00	60.69 2.84 0.00	52.82 2.32 0.00
RAMAPO___LBMP 323565	56.93 1.39 0.00	52.25 1.37 0.00	47.90 1.21 0.00	44.22 1.16 0.00	43.93 1.15 0.00	47.43 1.34 0.00	53.59 1.36 0.00	54.95 1.39 0.00	55.80 1.73 0.00	58.50 1.70 0.00	57.84 1.79 0.00	63.70 2.15 0.00	70.74 2.85 0.00	76.27 4.25 0.00	78.17 5.35 -0.52	81.40 5.89 0.00	90.63 6.84 -1.35	100.29 7.41 -0.31	94.46 5.76 0.00	81.43 4.46 0.00	75.60 3.05 0.00	66.54 2.00 0.00	59.36 1.50 0.00	52.01 1.51 0.00
RANKINE____ 23646	55.76 0.22 0.00	50.72 -0.15 0.00	45.38 -1.31 0.00	41.72 -1.33 0.00	41.45 -1.33 0.00	44.62 -1.47 0.00	50.72 -1.51 0.00	52.43 -1.12 0.00	52.72 -1.35 0.00	56.63 -0.17 0.00	56.21 0.17 0.00	61.92 0.37 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.53 1.23 0.00	78.00 2.49 0.00	84.00 1.57 0.00	95.16 2.59 0.00	91.09 2.39 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.19 0.65 0.00	58.55 0.69 0.00	51.46 0.96 0.00
RAVENSWOOD_GT2_1 24244	57.48 1.94 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.27 2.04 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.19 2.65 0.00	60.12 2.26 0.00	52.67 2.17 0.00
RAVENSWOOD_GT2_2 24245	57.48 1.94 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.27 2.04 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.19 2.65 0.00	60.12 2.26 0.00	52.67 2.17 0.00

RAVENSWOOD_GT2_3 24246	57.54 2.00 0.00	52.96 2.09 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.32 2.09 0.00	55.75 2.20 0.00	56.66 2.60 0.00	59.35 2.56 0.00	58.84 2.80 0.00	64.62 3.08 0.00	71.62 3.73 0.00	77.36 5.33 0.00	79.46 6.58 -0.57	82.75 7.25 0.00	92.43 8.49 -1.50	101.99 9.07 -0.35	95.93 7.18 -0.06	82.51 5.54 0.00	76.47 3.92 0.00	67.25 2.71 0.00	60.17 2.31 0.00	52.72 2.22 0.00
RAVENSWOOD_GT2_4 24247	57.54 2.00 0.00	52.96 2.09 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.53 1.75 0.00	48.12 2.03 0.00	54.32 2.09 0.00	55.75 2.20 0.00	56.66 2.60 0.00	59.35 2.56 0.00	58.84 2.80 0.00	64.62 3.08 0.00	71.62 3.73 0.00	77.36 5.33 0.00	79.46 6.58 -0.57	82.75 7.25 0.00	92.43 8.49 -1.50	101.99 9.07 -0.35	95.93 7.18 -0.06	82.51 5.54 0.00	76.47 3.92 0.00	67.25 2.71 0.00	60.17 2.31 0.00	52.72 2.22 0.00
RAVENSWOOD_GT3_1 24248	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.19 2.65 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT3_2 24249	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.19 2.65 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT3_3 24250	57.59 2.05 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.72 2.65 0.00	59.41 2.61 0.00	58.96 2.91 0.00	64.75 3.20 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.60 6.72 -0.57	82.91 7.40 0.00	92.59 8.66 -1.50	102.17 9.26 -0.35	96.11 7.36 -0.06	82.66 5.70 0.00	76.54 3.99 0.00	67.38 2.84 0.00	60.23 2.37 0.00	52.82 2.32 0.00
RAVENSWOOD_GT3_4 24251	57.59 2.05 0.00	53.01 2.14 0.00	48.69 2.01 0.00	44.91 1.85 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.37 2.14 0.00	55.81 2.25 0.00	56.72 2.65 0.00	59.41 2.61 0.00	58.96 2.91 0.00	64.75 3.20 0.00	71.69 3.80 0.00	77.50 5.47 0.00	79.60 6.72 -0.57	82.91 7.40 0.00	92.59 8.66 -1.50	102.17 9.26 -0.35	96.11 7.36 -0.06	82.66 5.70 0.00	76.54 3.99 0.00	67.38 2.84 0.00	60.23 2.37 0.00	52.82 2.32 0.00
RAVENSWOOD_GT_1 23729	57.48 1.94 0.00	52.96 2.09 0.00	48.83 2.15 0.00	45.03 1.98 0.00	44.75 1.97 0.00	48.30 2.21 0.00	54.37 2.14 0.00	55.70 2.14 0.00	56.66 2.60 0.00	59.18 2.39 0.00	58.96 2.91 0.00	62.87 2.71 1.39	66.55 3.33 4.66	72.64 4.90 4.28	79.02 6.15 -0.57	82.30 6.80 0.00	91.93 8.00 -1.50	101.43 8.52 -0.35	95.40 6.65 -0.06	66.84 5.08 15.21	61.89 3.48 14.15	58.65 2.39 8.28	59.83 1.97 0.00	52.97 2.47 0.00
RAVENSWOOD_GT_10 24258	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.62 3.08 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.46 6.58 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.99 9.07 -0.35	95.84 7.10 -0.06	81.53 5.46 0.90	75.03 3.85 1.37	66.20 2.71 1.05	60.12 2.26 0.00	52.67 2.17 0.00
RAVENSWOOD_GT_11 24259	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.62 3.08 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.46 6.58 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.99 9.07 -0.35	95.84 7.10 -0.06	81.53 5.46 0.90	75.03 3.85 1.37	66.20 2.71 1.05	60.12 2.26 0.00	52.67 2.17 0.00
RAVENSWOOD_GT_4 24252	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.25 2.71 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT_5 24254	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.25 2.71 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT_6 24253	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.25 2.71 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT_7 24255	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.56 3.02 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.38 6.51 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.90 8.98 -0.35	95.84 7.10 -0.06	82.43 5.46 0.00	76.40 3.85 0.00	67.25 2.71 0.00	60.12 2.26 0.00	52.72 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.62 3.08 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.46 6.58 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.99 9.07 -0.35	95.84 7.10 -0.06	81.53 5.46 0.90	75.03 3.85 1.37	66.20 2.71 1.05	60.12 2.26 0.00	52.67 2.17 0.00
RAVENSWOOD_GT_9 24257	57.54 2.00 0.00	52.91 2.03 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.30 2.50 0.00	58.79 2.75 0.00	64.62 3.08 0.00	71.55 3.67 0.00	77.28 5.26 0.00	79.46 6.58 -0.57	82.68 7.17 0.00	92.35 8.41 -1.50	101.99 9.07 -0.35	95.84 7.10 -0.06	81.53 5.46 0.90	75.03 3.85 1.37	66.20 2.71 1.05	60.12 2.26 0.00	52.67 2.17 0.00

RAVENSWOOD___1 23533	57.43 1.89 0.00	52.86 1.98 0.00	48.84 2.15 -0.01	45.04 1.98 -0.01	44.75 1.97 -0.01	48.27 2.17 -0.01	54.32 2.09 0.00	55.59 2.03 0.00	56.61 2.54 0.00	59.47 2.67 0.00	58.73 2.69 0.00	62.53 2.64 1.66	65.49 3.19 5.59	71.72 4.83 5.13	78.87 6.00 -0.56	82.14 6.65 0.01	91.68 7.75 -1.49	101.33 8.42 -0.34	95.21 6.47 -0.05	66.93 5.08 15.11	63.68 3.34 12.21	60.52 2.26 6.28	59.71 1.85 0.00	52.93 2.42 -0.01
RAVENSWOOD___2 23534	57.32 1.78 0.00	52.76 1.88 0.00	48.74 2.05 -0.01	44.95 1.89 -0.01	44.67 1.88 -0.01	48.17 2.08 -0.01	54.22 1.98 0.00	55.48 1.93 0.00	56.50 2.44 0.00	59.36 2.56 0.00	58.45 2.41 0.00	61.97 2.09 1.67	64.85 2.58 5.61	71.04 4.18 5.16	78.22 5.35 -0.56	81.46 5.96 0.01	90.93 7.00 -1.49	100.41 7.49 -0.34	94.42 5.68 -0.05	66.24 4.38 15.11	63.15 2.76 12.16	60.12 1.80 6.22	59.30 1.45 0.00	52.83 2.32 -0.01
RAVENSWOOD___3 23535	57.48 1.94 0.00	52.86 1.98 0.00	48.60 1.91 0.00	44.82 1.77 0.00	44.53 1.75 0.00	48.07 1.98 0.00	54.32 2.09 0.00	55.70 2.14 0.00	56.61 2.54 0.00	59.36 2.56 0.00	58.73 2.69 0.00	64.62 3.08 0.00	71.55 3.66 0.00	77.28 5.26 0.00	79.39 6.51 -0.57	82.68 7.18 0.00	92.26 8.32 -1.50	101.89 8.98 -0.35	95.85 7.10 -0.06	82.58 5.62 0.00	76.40 3.84 0.00	67.25 2.71 0.00	60.11 2.25 0.00	52.67 2.17 0.00
RAVENSWOOD___4 23820	57.37 1.83 0.00	52.81 1.93 0.00	48.84 2.15 -0.01	45.04 1.98 -0.01	44.71 1.93 -0.01	48.27 2.17 -0.01	54.27 2.03 0.00	55.54 1.98 0.00	56.56 2.49 0.00	59.41 2.61 0.00	58.68 2.63 0.00	62.13 2.52 1.94	64.48 3.12 6.53	70.78 4.75 6.00	78.80 5.93 -0.56	81.99 6.49 0.01	91.60 7.67 -1.49	101.14 8.24 -0.34	95.13 6.39 -0.05	66.89 4.93 15.01	65.57 3.27 10.25	62.48 2.20 4.25	59.65 1.80 0.00	52.93 2.42 -0.01
RCPL_TRUST___DRP 24196	57.59 2.05 0.00	52.96 2.09 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.77 2.70 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.81 3.26 0.00	71.82 3.94 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.13 7.63 0.00	92.76 8.82 -1.50	102.36 9.44 -0.35	96.20 7.45 -0.06	82.74 5.77 0.00	76.62 4.06 0.00	67.38 2.84 0.00	60.29 2.43 0.00	52.77 2.27 0.00
RED___ROCHESTER 323720	56.09 0.56 0.00	51.03 0.15 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.55 -0.68 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.53 0.74 0.00	57.22 1.18 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.95 0.00	74.26 1.95 0.00	78.22 2.71 0.00	84.74 2.31 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.73 2.17 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.45 0.96 0.00
REGAN___SOLAR 323812	59.48 3.94 0.00	54.28 3.41 0.00	49.76 3.08 0.00	45.85 2.80 0.00	45.64 2.87 0.00	49.41 3.32 0.00	56.10 3.87 0.00	57.20 3.64 0.00	57.04 2.97 0.00	58.96 2.16 0.00	57.33 1.29 0.00	62.66 1.11 0.00	69.11 1.22 0.00	74.18 2.16 0.00	76.49 2.97 -1.22	79.21 3.70 0.00	90.58 4.95 -3.19	100.06 6.75 -0.74	97.06 8.07 -0.30	84.66 7.70 0.00	79.37 6.82 0.00	69.89 5.35 0.00	62.08 4.22 0.00	54.08 3.59 0.00
RENSSELAER___COGEN 23796	55.37 -0.17 0.00	50.67 -0.20 0.00	46.64 -0.05 0.00	43.05 0.00 0.00	42.78 0.00 0.00	46.14 0.05 0.00	52.18 -0.05 0.00	53.40 -0.16 0.00	54.07 0.00 0.00	56.63 -0.17 0.00	55.65 -0.39 0.00	61.12 -0.43 0.00	67.62 -0.27 0.00	72.60 0.57 0.00	63.42 1.37 10.25	76.83 1.36 0.04	57.47 1.90 26.86	88.40 2.03 6.20	88.40 1.60 1.89	75.03 1.23 3.16	72.99 0.44 0.00	64.35 -0.19 0.00	57.46 -0.40 0.00	50.04 -0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	60.98 5.44 0.00	55.55 4.68 0.00	50.84 4.15 0.00	46.80 3.75 0.00	46.54 3.76 0.00	50.52 4.42 0.00	57.51 5.28 0.00	58.86 5.30 0.00	59.31 5.24 0.00	61.97 5.17 0.00	60.19 4.15 0.00	65.92 4.37 0.00	72.71 4.82 0.00	78.44 6.41 0.00	81.70 7.09 -2.31	82.99 7.47 -0.01	97.39 8.90 -6.05	104.43 10.46 -1.40	101.20 11.97 -0.53	89.97 10.70 -2.31	82.28 9.72 0.00	72.22 7.68 0.00	63.82 5.96 0.00	55.50 5.00 0.00
REVERE_CPPR_DRP 24186	58.15 2.61 0.00	53.11 2.24 0.00	48.46 1.77 0.00	44.56 1.51 0.00	44.27 1.50 0.00	47.84 1.75 0.00	54.37 2.14 0.00	55.91 2.36 0.00	56.28 2.22 0.00	59.07 2.27 0.00	58.12 2.07 0.00	63.64 2.09 0.00	70.33 2.44 0.00	74.76 2.74 0.00	75.20 2.89 0.00	78.52 3.02 0.00	85.41 2.97 0.00	96.46 3.89 0.00	93.66 4.97 0.00	81.51 4.54 0.00	76.62 4.06 0.00	67.70 3.16 0.00	60.46 2.60 0.00	52.52 2.02 0.00
REYNLDPA_13_KV_LD 356490	56.65 1.11 0.00	51.99 1.12 0.00	47.80 1.12 0.00	44.04 0.99 0.00	43.76 0.98 0.00	47.15 1.06 0.00	53.43 1.20 0.00	54.63 1.07 0.00	54.93 0.87 0.00	57.71 0.91 0.00	56.94 0.90 0.00	62.41 0.86 0.00	68.43 0.54 0.00	71.59 -0.43 0.00	71.00 -1.30 0.00	73.77 -1.74 0.00	80.38 -2.06 0.00	89.89 -2.68 0.00	87.10 -1.60 0.00	75.50 -1.46 0.00	72.26 -0.29 0.00	64.93 0.39 0.00	58.55 0.69 0.00	51.25 0.76 0.00
REYNOLDS_115KV_TB3 80639	55.87 0.33 0.00	51.18 0.31 0.00	47.06 0.37 0.00	43.48 0.43 0.00	43.21 0.43 0.00	46.55 0.46 0.00	52.70 0.47 0.00	53.99 0.43 0.00	54.66 0.59 0.00	57.31 0.51 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.57 0.68 0.00	73.54 1.51 0.00	81.34 2.39 -6.65	77.95 2.42 -0.03	102.92 3.05 -17.43	99.84 3.24 -4.03	92.96 2.84 -1.43	75.13 2.23 4.07	73.86 1.31 0.00	65.12 0.58 0.00	58.15 0.29 0.00	50.60 0.10 0.00
RIVERBAY____ 323610	58.82 3.28 -0.01	54.19 3.31 -0.01	50.00 3.31 0.00	46.07 3.01 0.00	45.77 2.99 0.00	49.41 3.32 0.00	55.58 3.34 -0.01	56.82 3.27 0.00	57.74 3.68 0.00	60.32 3.52 0.00	60.20 4.15 -0.01	65.56 4.00 -0.01	72.65 4.75 -0.01	78.52 6.48 -0.01	80.70 7.81 -0.59	84.05 8.53 -0.02	93.84 9.89 -1.51	103.76 10.83 -0.36	97.72 8.96 -0.07	83.40 7.08 0.65	76.79 5.22 0.99	67.72 3.94 0.76	61.22 3.36 -0.01	54.23 3.74 0.00
RIVERSDE_115KV_TB3 55908	55.71 0.17 0.00	51.03 0.15 0.00	46.92 0.23 0.00	43.36 0.30 0.00	43.08 0.30 0.00	46.41 0.32 0.00	52.54 0.31 0.00	53.82 0.27 0.00	54.50 0.43 0.00	57.08 0.28 0.00	56.15 0.11 0.00	61.73 0.18 0.00	68.29 0.41 0.00	73.32 1.30 0.00	77.14 2.10 -2.74	77.70 2.19 -0.01	92.33 2.72 -7.17	97.10 2.87 -1.66	91.83 2.48 -0.66	75.51 2.00 3.46	73.64 1.09 0.00	64.93 0.39 0.00	57.97 0.12 0.00	50.45 -0.05 0.00
ROARING___BROOK_WT_PWR 323790	55.48 -0.06 0.00	50.87 0.00 0.00	46.78 0.09 0.00	43.14 0.09 0.00	42.91 0.13 0.00	46.23 0.14 0.00	52.39 0.16 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.85 0.06 0.00	56.10 0.06 0.00	61.55 0.00 0.00	67.55 -0.34 0.00	71.38 -0.65 0.00	71.51 -0.79 0.00	74.52 -0.98 0.00	81.36 -1.07 0.00	91.27 -1.30 0.00	87.63 -1.06 0.00	75.96 -1.00 0.00	71.83 -0.73 0.00	64.15 -0.38 0.00	57.57 -0.29 0.00	50.30 -0.20 0.00

ROCHESRG_115KV_T4 355643	55.32 -0.22 0.00	50.36 -0.51 0.00	45.61 -1.07 0.00	41.85 -1.21 0.00	41.54 -1.24 0.00	44.85 -1.24 0.00	50.93 -1.31 0.00	52.33 -1.23 0.00	52.72 -1.35 0.00	56.12 -0.68 0.00	55.65 -0.39 0.00	61.18 -0.37 0.00	67.55 -0.34 0.00	71.95 -0.07 0.00	72.30 0.00 0.00	76.18 0.68 0.00	82.52 0.08 0.00	93.40 0.83 0.00	89.58 0.89 0.00	78.04 1.08 0.00	72.63 0.07 0.00	64.41 -0.13 0.00	57.57 -0.29 0.00	50.30 -0.20 0.00
ROCHESTER_9_IC 23652	55.76 0.22 0.00	50.72 -0.15 0.00	45.89 -0.79 0.00	42.11 -0.95 0.00	41.79 -0.98 0.00	45.12 -0.97 0.00	51.24 -0.99 0.00	53.18 -0.37 0.00	53.64 -0.43 0.00	57.14 0.34 0.00	56.66 0.62 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.39 1.37 0.00	73.68 1.37 0.00	77.69 2.19 0.00	84.09 1.65 0.00	95.16 2.59 0.00	91.44 2.75 0.00	79.58 2.62 0.00	74.15 1.60 0.00	65.70 1.16 0.00	58.50 0.64 0.00	51.05 0.56 0.00
ROCKVIEW_13_KV_LD 356306	57.71 2.17 0.00	53.01 2.14 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.57 1.80 0.00	48.12 2.03 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.72 2.65 0.00	59.47 2.67 0.00	58.90 2.86 0.00	64.81 3.26 0.00	71.89 4.01 0.00	77.72 5.69 0.00	79.89 7.01 -0.57	83.21 7.70 0.00	92.76 8.82 -1.50	102.45 9.53 -0.35	96.38 7.63 -0.06	82.55 5.93 0.34	76.39 4.35 0.52	67.17 3.03 0.40	60.29 2.43 0.00	52.77 2.27 0.00
ROME____115KV_TB2 80656	58.15 2.61 0.00	53.11 2.24 0.00	48.46 1.77 0.00	44.56 1.51 0.00	44.27 1.50 0.00	47.84 1.75 0.00	54.37 2.14 0.00	55.91 2.36 0.00	56.28 2.22 0.00	59.07 2.27 0.00	58.12 2.07 0.00	63.64 2.09 0.00	70.33 2.44 0.00	74.76 2.74 0.00	75.20 2.89 0.00	78.52 3.02 0.00	85.41 2.97 0.00	96.46 3.89 0.00	93.66 4.97 0.00	81.51 4.54 0.00	76.62 4.06 0.00	67.70 3.16 0.00	60.46 2.60 0.00	52.52 2.02 0.00
ROSETON___1 23587	56.76 1.22 0.00	52.09 1.22 0.00	47.85 1.17 0.00	44.17 1.12 0.00	43.89 1.11 0.00	47.34 1.24 0.00	53.54 1.31 0.00	54.90 1.34 0.00	55.69 1.62 0.00	58.33 1.53 0.00	57.56 1.51 0.00	63.33 1.79 0.00	70.26 2.37 0.00	75.70 3.67 0.00	77.51 4.70 -0.51	80.71 5.21 0.00	89.79 6.01 -1.33	99.45 6.57 -0.31	93.83 5.14 0.00	81.04 4.08 0.00	75.24 2.69 0.00	66.28 1.74 0.00	59.13 1.27 0.00	51.76 1.26 0.00
ROSETON___2 23588	56.76 1.22 0.00	52.09 1.22 0.00	47.85 1.17 0.00	44.17 1.12 0.00	43.89 1.11 0.00	47.34 1.24 0.00	53.54 1.31 0.00	54.90 1.34 0.00	55.69 1.62 0.00	58.33 1.53 0.00	57.56 1.51 0.00	63.33 1.79 0.00	70.26 2.37 0.00	75.70 3.67 0.00	77.51 4.70 -0.51	80.71 5.21 0.00	89.79 6.01 -1.33	99.45 6.57 -0.31	93.83 5.14 0.00	81.04 4.08 0.00	75.24 2.69 0.00	66.28 1.74 0.00	59.13 1.27 0.00	51.76 1.26 0.00
ROTRDAM_115KV_TB3 80664	56.65 1.11 0.00	51.84 0.97 0.00	47.66 0.98 0.00	43.96 0.90 0.00	43.72 0.94 0.00	47.10 1.01 0.00	53.38 1.15 0.00	54.68 1.12 0.00	55.20 1.14 0.00	57.82 1.02 0.00	56.88 0.84 0.00	62.47 0.92 0.00	69.04 1.15 0.00	73.90 1.87 0.00	76.17 2.53 -1.33	78.23 2.72 -0.01	89.23 3.30 -3.50	97.08 3.70 -0.81	92.57 3.55 -0.33	80.04 3.08 0.00	74.95 2.39 0.00	66.15 1.61 0.00	59.07 1.22 0.00	51.51 1.01 0.00
RUSSELL___1 23602	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
RUSSELL___2 23532	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
RUSSELL___3 23549	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
RUSSELL___4 23556	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
RUSSELL___STATION 23914	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
S SALMON___HYD 24043	55.82 0.28 0.00	51.03 0.15 0.00	46.59 -0.09 0.00	42.88 -0.17 0.00	42.61 -0.17 0.00	46.00 -0.09 0.00	52.23 0.00 0.00	53.72 0.16 0.00	54.01 -0.05 0.00	56.80 0.00 0.00	55.93 -0.11 0.00	61.24 -0.31 0.00	67.68 -0.20 0.00	71.88 -0.14 0.00	72.23 -0.07 0.00	75.66 0.15 0.00	81.95 -0.49 0.00	92.57 0.00 0.00	89.58 0.89 0.00	78.12 1.16 0.00	73.49 0.94 0.00	65.05 0.51 0.00	58.21 0.35 0.00	50.65 0.15 0.00
S.PERRY__115KV_TB1 80734	56.09 0.56 0.00	50.98 0.10 0.00	46.08 -0.61 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.35 -0.74 0.00	51.55 -0.68 0.00	53.02 -0.54 0.00	52.82 -1.24 0.00	55.95 -0.85 0.00	55.37 -0.67 0.00	60.69 -0.86 0.00	67.21 -0.68 0.00	71.38 -0.65 0.00	71.80 -0.51 0.00	76.18 0.68 0.00	82.60 0.16 0.00	94.14 1.57 0.00	91.18 2.48 0.00	80.20 3.23 0.00	75.09 2.54 0.00	66.28 1.74 0.00	58.90 1.04 0.00	51.41 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	55.21 -0.33 0.00	50.26 -0.61 0.00	45.00 -1.68 0.00	41.37 -1.68 0.00	41.11 -1.67 0.00	44.25 -1.84 0.00	50.25 -1.98 0.00	51.95 -1.61 0.00	52.23 -1.84 0.00	56.12 -0.68 0.00	55.71 -0.34 0.00	61.36 -0.18 0.00	67.75 -0.14 0.00	72.24 0.22 0.00	72.67 0.36 0.00	77.09 1.59 0.00	83.10 0.66 0.00	94.05 1.48 0.00	89.93 1.24 0.00	78.66 1.69 0.00	72.48 -0.07 0.00	64.54 0.00 0.00	58.03 0.17 0.00	50.95 0.45 0.00

SAWYER___23_KV_LOAD 55526	55.21 -0.33 0.00	50.26 -0.61 0.00	45.00 -1.68 0.00	41.37 -1.68 0.00	41.11 -1.67 0.00	44.25 -1.84 0.00	50.25 -1.98 0.00	51.95 -1.61 0.00	52.23 -1.84 0.00	56.12 -0.68 0.00	55.71 -0.34 0.00	61.36 -0.18 0.00	67.75 -0.14 0.00	72.24 0.22 0.00	72.67 0.36 0.00	77.09 1.59 0.00	83.10 0.66 0.00	94.05 1.48 0.00	89.93 1.24 0.00	78.66 1.69 0.00	72.48 -0.07 0.00	64.54 0.00 0.00	58.03 0.17 0.00	50.95 0.45 0.00
SELKIRK___I 23801	54.82 -0.72 0.00	50.16 -0.71 0.00	46.22 -0.47 0.00	42.67 -0.39 0.00	42.39 -0.39 0.00	45.67 -0.42 0.00	51.66 -0.57 0.00	52.86 -0.70 0.00	53.36 -0.70 0.00	55.83 -0.97 0.00	54.86 -1.18 0.00	60.25 -1.30 0.00	66.60 -1.29 0.00	71.38 -0.65 0.00	67.26 0.07 5.12	75.41 -0.08 0.02	69.44 0.41 13.41	89.94 0.47 3.10	88.12 0.36 0.93	75.32 0.23 1.87	72.19 -0.36 0.00	63.70 -0.84 0.00	56.93 -0.93 0.00	49.64 -0.86 0.00
SELKIRK___II 23799	55.15 -0.39 0.00	50.52 -0.35 0.00	46.50 -0.19 0.00	42.93 -0.13 0.00	42.69 -0.09 0.00	46.00 -0.09 0.00	52.02 -0.21 0.00	53.24 -0.32 0.00	53.85 -0.22 0.00	56.40 -0.39 0.00	55.48 -0.56 0.00	60.99 -0.56 0.00	67.55 -0.34 0.00	72.39 0.36 0.00	67.46 1.09 5.93	76.62 1.13 0.02	68.45 1.56 15.55	90.65 1.67 3.59	88.85 1.24 1.08	75.79 0.93 2.10	72.77 0.22 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
SENECA OSWGO___HYD 24041	54.59 -0.94 0.00	49.86 -1.02 0.00	45.61 -1.07 0.00	41.98 -1.07 0.00	41.71 -1.07 0.00	44.98 -1.11 0.00	51.08 -1.15 0.00	52.54 -1.02 0.00	52.99 -1.08 0.00	55.72 -1.08 0.00	55.09 -0.95 0.00	60.44 -1.11 0.00	66.87 -1.02 0.00	71.16 -0.86 0.00	71.65 -0.65 0.00	75.05 -0.45 0.00	81.69 -0.74 0.00	92.11 -0.46 0.00	88.34 -0.35 0.00	76.97 0.00 0.00	72.19 -0.36 0.00	63.83 -0.71 0.00	57.05 -0.81 0.00	49.69 -0.81 0.00
SENECA___115KV_TB3 355854	55.87 0.33 0.00	50.82 -0.05 0.00	45.47 -1.21 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.71 -1.38 0.00	50.82 -1.41 0.00	52.54 -1.02 0.00	52.82 -1.24 0.00	56.74 -0.06 0.00	56.32 0.28 0.00	62.04 0.49 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.68 1.37 0.00	78.22 2.72 0.00	84.25 1.81 0.00	95.44 2.87 0.00	91.26 2.57 0.00	79.81 2.85 0.00	73.50 0.94 0.00	65.31 0.77 0.00	58.67 0.81 0.00	51.56 1.06 0.00
SENECA___ENERGY 23797	55.54 0.00 0.00	50.62 -0.25 0.00	46.13 -0.56 0.00	42.41 -0.64 0.00	42.14 -0.64 0.00	45.54 -0.55 0.00	51.66 -0.57 0.00	53.24 -0.32 0.00	53.58 -0.49 0.00	56.57 -0.23 0.00	56.10 0.06 0.00	61.55 0.00 0.00	68.16 0.27 0.00	72.53 0.51 0.00	72.95 0.65 0.00	76.71 1.20 0.00	83.43 0.99 0.00	93.87 1.30 0.00	90.47 1.77 0.00	78.96 2.00 0.00	73.93 1.38 0.00	65.19 0.65 0.00	58.15 0.29 0.00	50.75 0.25 0.00
SHOEMAKER___GT 23640	56.87 1.33 0.00	52.15 1.27 0.00	47.80 1.12 0.00	44.09 1.03 0.00	43.80 1.02 0.00	47.24 1.15 0.00	53.54 1.31 0.00	54.79 1.23 0.00	55.53 1.46 0.00	58.16 1.36 0.00	57.38 1.34 0.00	63.21 1.66 0.00	70.12 2.24 0.00	75.41 3.39 0.00	77.02 4.26 -0.45	80.27 4.76 0.00	89.15 5.52 -1.19	98.95 6.11 -0.27	93.66 4.96 0.00	81.04 4.08 0.00	75.38 2.83 0.00	66.41 1.87 0.00	59.25 1.39 0.00	51.81 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	56.82 1.28 0.00	52.09 1.22 0.00	47.80 1.12 0.00	44.09 1.03 0.00	43.80 1.03 0.00	47.24 1.15 0.00	53.48 1.25 0.00	54.79 1.23 0.00	55.47 1.41 0.00	58.16 1.36 0.00	57.44 1.40 0.00	63.21 1.66 0.00	70.13 2.24 0.00	75.41 3.39 0.00	77.02 4.27 -0.45	80.34 4.83 0.00	89.22 5.61 -1.17	98.95 6.11 -0.27	93.66 4.97 0.00	80.89 3.93 0.00	75.31 2.76 0.00	66.35 1.81 0.00	59.19 1.33 0.00	51.81 1.31 0.00
SHOREHAM_IC_1 23715	58.76 3.22 0.00	54.39 3.51 -0.01	49.82 3.13 -0.01	45.90 2.84 -0.01	45.65 2.87 -0.01	49.42 3.32 -0.01	55.58 3.35 0.00	56.45 2.89 0.00	57.31 3.24 0.00	58.84 2.04 0.00	57.78 1.74 0.00	64.38 2.83 0.00	74.34 4.35 -2.11	126.67 6.34 -48.31	201.65 7.66 -121.69	224.78 8.23 -141.04	253.72 9.64 -161.64	257.54 11.57 -153.40	235.67 9.76 -137.22	230.64 7.70 -145.98	128.68 5.95 -50.18	118.94 4.13 -50.27	60.76 2.89 -0.01	54.44 2.47 -1.47
SHOREHAM_IC_2 23716	58.82 3.28 0.00	54.43 3.56 0.00	49.81 3.13 0.00	45.90 2.84 0.00	45.64 2.87 0.00	49.45 3.36 0.00	55.57 3.34 0.00	56.18 2.62 0.00	57.53 3.46 0.00	59.86 3.07 0.00	57.89 1.85 0.00	64.38 2.83 0.00	74.34 4.34 -2.11	126.67 6.34 -48.31	201.65 7.66 -121.69	224.77 8.23 -141.04	253.81 9.73 -161.64	257.44 11.48 -153.39	235.57 9.67 -137.22	230.56 7.62 -145.97	128.75 6.02 -50.17	118.94 4.13 -50.27	60.76 2.89 -0.01	54.59 2.63 -1.47
SISSONVILLE____ 23735	56.93 1.39 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.35 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.95 1.72 0.00	55.11 1.55 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.83 0.78 0.00	61.79 0.25 0.00	67.55 -0.34 0.00	70.30 -1.73 0.00	69.34 -2.96 0.00	71.58 -3.93 0.00	77.90 -4.53 0.00	87.29 -5.28 0.00	85.32 -3.37 0.00	74.04 -2.92 0.00	71.17 -1.38 0.00	64.28 -0.26 0.00	58.26 0.41 0.00	51.05 0.56 0.00
SITHE_IND_GS1 24169	53.82 -1.72 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.43 -1.66 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	54.98 -1.82 0.00	54.36 -1.68 0.00	59.64 -1.91 0.00	65.92 -1.97 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.91 -1.59 0.00	80.46 -1.98 0.00	90.53 -2.04 0.00	86.83 -1.87 0.00	75.50 -1.46 0.00	70.89 -1.67 0.00	62.80 -1.74 0.00	56.18 -1.68 0.00	48.98 -1.51 0.00
SITHE_IND_GS2 24170	53.82 -1.72 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.43 -1.66 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	54.98 -1.82 0.00	54.36 -1.68 0.00	59.64 -1.91 0.00	65.92 -1.97 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.91 -1.59 0.00	80.46 -1.98 0.00	90.53 -2.04 0.00	86.83 -1.87 0.00	75.50 -1.46 0.00	70.89 -1.67 0.00	62.80 -1.74 0.00	56.18 -1.68 0.00	48.98 -1.51 0.00
SITHE_IND_GS3 24171	53.82 -1.72 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.43 -1.66 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	54.98 -1.82 0.00	54.36 -1.68 0.00	59.64 -1.91 0.00	65.92 -1.97 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.91 -1.59 0.00	80.46 -1.98 0.00	90.53 -2.04 0.00	86.83 -1.87 0.00	75.50 -1.46 0.00	70.89 -1.67 0.00	62.80 -1.74 0.00	56.18 -1.68 0.00	48.98 -1.51 0.00
SITHE_IND_GS4 24172	53.82 -1.72 0.00	49.24 -1.63 0.00	45.05 -1.64 0.00	41.51 -1.55 0.00	41.24 -1.54 0.00	44.43 -1.66 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.29 -1.78 0.00	54.98 -1.82 0.00	54.36 -1.68 0.00	59.64 -1.91 0.00	65.92 -1.97 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.91 -1.59 0.00	80.46 -1.98 0.00	90.53 -2.04 0.00	86.83 -1.87 0.00	75.50 -1.46 0.00	70.89 -1.67 0.00	62.80 -1.74 0.00	56.18 -1.68 0.00	48.98 -1.51 0.00

SITHE___BATAVIA 24024	56.59 1.05 0.00	51.49 0.61 0.00	46.22 -0.47 0.00	42.32 -0.73 0.00	42.05 -0.73 0.00	45.45 -0.65 0.00	51.55 -0.68 0.00	53.29 -0.27 0.00	53.53 -0.54 0.00	57.37 0.57 0.00	57.10 1.06 0.00	62.47 0.92 0.00	69.04 1.15 0.00	73.61 1.58 0.00	73.89 1.59 0.00	78.15 2.64 0.00	84.67 2.23 0.00	95.81 3.24 0.00	92.24 3.55 0.00	80.51 3.54 0.00	74.66 2.11 0.00	66.22 1.68 0.00	59.08 1.22 0.00	52.16 1.66 0.00
SITHE___INDEPEND 23800	53.82 -1.72 0.00	49.25 -1.63 0.00	45.05 -1.63 0.00	41.50 -1.55 0.00	41.24 -1.54 0.00	44.43 -1.66 0.00	50.40 -1.83 0.00	51.79 -1.77 0.00	52.28 -1.78 0.00	54.98 -1.82 0.00	54.30 -1.74 0.00	59.64 -1.91 0.00	65.92 -1.97 0.00	70.15 -1.87 0.00	70.57 -1.74 0.00	73.92 -1.59 0.00	80.46 -1.98 0.00	90.53 -2.04 0.00	86.83 -1.86 0.00	75.50 -1.46 0.00	70.88 -1.67 0.00	62.80 -1.74 0.00	56.18 -1.68 0.00	48.98 -1.51 0.00
SITHE___MASSENA 23902	56.76 1.22 0.00	52.09 1.22 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.59 1.36 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.82 1.02 0.00	56.94 0.89 0.00	62.35 0.80 0.00	68.23 0.34 0.00	71.31 -0.72 0.00	70.71 -1.59 0.00	73.16 -2.34 0.00	79.64 -2.80 0.00	89.33 -3.24 0.00	86.56 -2.13 0.00	75.04 -1.92 0.00	72.12 -0.43 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.30 0.81 0.00
SITHE___OGDNSBRG 24021	57.98 2.44 0.00	53.32 2.44 0.00	48.88 2.19 0.00	44.99 1.94 0.00	44.75 1.97 0.00	48.26 2.17 0.00	54.74 2.51 0.00	55.81 2.25 0.00	55.80 1.73 0.00	58.50 1.70 0.00	57.39 1.35 0.00	62.53 0.98 0.00	68.29 0.41 0.00	71.16 -0.86 0.00	70.42 -1.88 0.00	72.71 -2.79 0.00	79.31 -3.13 0.00	88.96 -3.61 0.00	87.10 -1.60 0.00	75.81 -1.15 0.00	73.06 0.51 0.00	65.96 1.42 0.00	59.59 1.74 0.00	52.11 1.62 0.00
SITHE___STERLING 23777	57.32 1.78 0.00	52.40 1.52 0.00	47.85 1.17 0.00	44.00 0.95 0.00	43.76 0.98 0.00	47.24 1.15 0.00	53.64 1.41 0.00	55.16 1.61 0.00	55.53 1.46 0.00	58.33 1.53 0.00	57.50 1.45 0.00	63.02 1.47 0.00	69.65 1.76 0.00	74.12 2.09 0.00	74.55 2.24 0.00	77.92 2.42 0.00	84.91 2.47 0.00	95.72 3.15 0.00	92.59 3.90 0.00	80.58 3.62 0.00	75.67 3.12 0.00	66.86 2.32 0.00	59.71 1.85 0.00	51.91 1.41 0.00
SLEIGHT__34_KV_TB1 80719	55.37 -0.17 0.00	50.42 -0.46 0.00	45.80 -0.89 0.00	42.02 -1.03 0.00	41.75 -1.03 0.00	45.12 -0.97 0.00	51.24 -0.99 0.00	53.02 -0.54 0.00	53.42 -0.65 0.00	56.63 -0.17 0.00	56.10 0.06 0.00	61.61 0.06 0.00	68.16 0.27 0.00	72.53 0.50 0.00	72.88 0.58 0.00	76.64 1.13 0.00	83.10 0.66 0.00	94.14 1.57 0.00	90.47 1.77 0.00	78.81 1.85 0.00	73.57 1.02 0.00	64.99 0.45 0.00	57.97 0.12 0.00	50.50 0.00 0.00
SMITHTWN_69_KV_BK 1 55830	59.09 3.55 0.00	54.69 3.82 0.00	50.09 3.41 0.00	46.15 3.10 0.00	45.86 3.08 0.00	49.64 3.55 0.00	55.89 3.66 0.00	56.98 3.43 0.00	58.23 4.16 0.00	60.55 3.75 0.00	58.62 2.58 0.00	65.18 3.63 0.00	76.05 4.89 -3.28	153.72 6.91 -74.78	268.94 8.24 -188.39	303.31 8.98 -218.82	342.64 10.39 -249.81	341.66 11.20 -237.89	310.94 9.31 -212.94	310.99 7.47 -226.56	156.08 5.66 -77.87	146.37 3.81 -78.02	60.77 2.89 -0.02	55.51 2.73 -2.29
SOUTH CAIRO___GT 23612	57.48 1.94 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.26 1.21 0.00	43.98 1.20 0.00	47.52 1.43 0.00	54.01 1.78 0.00	54.90 1.34 0.00	55.10 1.03 0.00	57.42 0.62 0.00	56.21 0.17 0.00	61.67 0.12 0.00	68.29 0.41 0.00	73.18 1.15 0.00	69.64 2.82 5.49	77.82 2.34 0.02	72.26 4.20 14.38	94.53 5.28 3.32	93.27 5.59 1.01	80.26 5.16 1.86	75.89 3.34 0.00	66.80 2.26 0.00	59.48 1.62 0.00	51.61 1.11 0.00
SOUTH HAMPTN___IC 23720	59.71 4.17 0.00	55.20 4.32 -0.01	50.57 3.87 -0.01	46.55 3.49 -0.01	46.29 3.51 -0.01	50.20 4.10 -0.01	56.41 4.18 0.00	57.84 4.29 0.00	58.94 4.87 0.00	60.71 3.92 0.00	59.80 3.76 0.00	66.72 5.17 0.00	76.83 6.93 -2.02	127.53 9.22 -46.28	199.53 10.63 -116.59	221.78 11.17 -135.11	250.21 12.86 -154.91	253.96 14.44 -146.96	232.65 12.51 -131.45	226.73 9.93 -139.83	128.74 8.12 -48.07	118.62 5.93 -48.15	62.26 4.40 -0.01	55.64 3.74 -1.41
SOUTHDOW_115KV_TB1 355954	57.32 1.78 0.00	52.04 1.17 0.00	46.54 -0.14 0.00	42.84 -0.22 0.00	42.61 -0.17 0.00	45.95 -0.14 0.00	52.44 0.21 0.00	54.31 0.75 0.00	54.61 0.54 0.00	58.56 1.76 0.00	58.12 2.07 0.00	64.13 2.58 0.00	71.08 3.19 0.00	76.06 4.03 0.00	76.50 4.19 0.00	81.09 5.59 0.00	87.14 4.70 0.00	98.77 6.20 0.00	94.46 5.76 0.00	82.66 5.70 0.00	76.04 3.48 0.00	67.38 2.84 0.00	60.40 2.55 0.00	53.07 2.58 0.00
SOUTHOLD_69_KV_BK 2 55809	60.54 5.00 0.00	55.91 5.04 0.00	51.17 4.48 0.00	47.10 4.05 0.00	46.88 4.11 0.00	50.93 4.84 0.00	57.19 4.96 0.00	58.59 5.03 0.00	60.34 6.27 0.00	63.16 6.36 0.00	61.48 5.44 0.00	68.56 7.02 0.00	79.07 9.16 -2.02	130.07 11.74 -46.31	202.27 13.30 -116.66	222.99 12.31 -135.18	251.95 14.51 -155.00	255.52 15.92 -147.03	233.95 13.75 -131.51	227.72 10.85 -139.90	131.38 10.74 -48.09	120.78 8.07 -48.18	64.00 6.13 -0.01	57.26 5.35 -1.41
SOUTHOLD___IC 23719	60.48 4.94 0.00	55.92 5.04 -0.01	51.17 4.48 -0.01	47.11 4.05 -0.01	46.89 4.11 -0.01	50.94 4.84 -0.01	57.20 4.96 0.00	58.81 5.25 0.00	60.18 6.11 0.00	62.14 5.34 0.00	61.42 5.38 0.00	68.56 7.01 0.00	79.07 9.16 -2.02	130.08 11.74 -46.31	202.27 13.30 -116.66	223.00 12.31 -135.18	251.70 14.26 -155.00	255.63 16.02 -147.04	234.14 13.93 -131.52	227.80 10.92 -139.91	131.32 10.67 -48.09	120.78 8.07 -48.18	63.99 6.13 -0.01	57.06 5.15 -1.41
SOUTH_FORK_WT_PWR 323839	60.20 4.67 0.00	55.72 4.84 -0.01	51.03 4.34 -0.01	46.98 3.92 -0.01	46.76 3.98 -0.01	50.85 4.75 -0.01	57.03 4.80 0.00	58.75 5.19 0.00	60.23 6.16 0.00	62.31 5.51 0.00	61.54 5.50 0.00	68.74 7.20 0.00	79.28 9.37 -2.02	130.35 12.03 -46.29	202.52 13.59 -116.62	224.08 13.44 -135.14	252.98 15.59 -154.95	256.96 17.40 -147.00	235.43 15.26 -131.48	228.92 12.08 -139.87	131.59 10.96 -48.08	121.03 8.33 -48.16	64.23 6.36 -0.01	57.31 5.41 -1.41
SPIERFLS_115KV_TB 1 80737	57.71 2.17 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.56 1.51 0.00	44.32 1.54 0.00	47.93 1.84 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.34 2.27 0.00	58.96 2.16 0.00	57.39 1.35 0.00	62.96 1.42 0.00	69.52 1.63 0.00	74.62 2.59 0.00	77.77 3.25 -2.21	78.99 3.47 -0.01	92.51 4.29 -5.79	98.91 5.00 -1.34	95.33 6.12 -0.51	84.44 5.39 -2.09	77.27 4.72 0.00	67.90 3.36 0.00	60.29 2.43 0.00	52.47 1.97 0.00
ST LAWRENCE____ 23600	55.93 0.39 0.00	51.28 0.41 0.00	47.15 0.47 0.00	43.48 0.43 0.00	43.21 0.43 0.00	46.50 0.41 0.00	52.75 0.52 0.00	53.98 0.43 0.00	54.34 0.27 0.00	57.08 0.29 0.00	56.27 0.23 0.00	61.73 0.19 0.00	67.68 -0.20 0.00	70.87 -1.16 0.00	70.42 -1.88 0.00	73.16 -2.34 0.00	79.80 -2.64 0.00	89.52 -3.05 0.00	86.30 -2.39 0.00	74.81 -2.15 0.00	71.54 -1.02 0.00	64.35 -0.19 0.00	57.97 0.12 0.00	50.70 0.20 0.00

STATE_CA_115KV_115_LB 55624	55.82 0.28 0.00	51.13 0.25 0.00	47.01 0.33 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.51 0.41 0.00	52.65 0.42 0.00	53.93 0.37 0.00	54.55 0.49 0.00	57.20 0.40 0.00	56.27 0.22 0.00	61.79 0.25 0.00	68.36 0.48 0.00	73.39 1.37 0.00	75.23 2.17 -0.76	77.77 2.27 0.00	87.23 2.80 -1.99	96.08 3.05 -0.46	91.61 2.66 -0.26	76.44 2.16 2.68	73.86 1.31 0.00	65.06 0.52 0.00	58.03 0.17 0.00	50.55 0.05 0.00
STATE_ST_34_KV_LOAD 55959	55.71 0.17 0.00	50.82 -0.05 0.00	46.40 -0.28 0.00	42.71 -0.34 0.00	42.39 -0.38 0.00	45.77 -0.32 0.00	52.02 -0.21 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.80 0.00 0.00	56.21 0.17 0.00	61.73 0.18 0.00	68.29 0.41 0.00	72.67 0.65 0.00	73.10 0.80 0.00	76.71 1.21 0.00	83.51 1.07 0.00	94.33 1.76 0.00	90.73 2.04 0.00	79.12 2.16 0.00	74.15 1.60 0.00	65.38 0.84 0.00	58.38 0.52 0.00	50.80 0.30 0.00
STATION_5_MISC_HYD 23604	55.76 0.22 0.00	50.77 -0.10 0.00	45.89 -0.79 0.00	42.11 -0.95 0.00	41.80 -0.98 0.00	45.17 -0.92 0.00	51.24 -0.99 0.00	53.18 -0.37 0.00	53.63 -0.43 0.00	57.14 0.34 0.00	56.83 0.78 0.00	62.29 0.74 0.00	68.91 1.02 0.00	73.39 1.37 0.00	73.67 1.37 0.00	77.69 2.19 0.00	84.17 1.73 0.00	95.16 2.59 0.00	91.44 2.75 0.00	79.58 2.62 0.00	74.15 1.59 0.00	65.70 1.16 0.00	58.50 0.64 0.00	51.15 0.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	55.59 0.06 0.00	50.62 -0.25 0.00	45.98 -0.70 0.00	42.24 -0.82 0.00	41.92 -0.86 0.00	45.31 -0.78 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.58 -0.49 0.00	56.80 0.00 0.00	56.32 0.28 0.00	61.85 0.31 0.00	68.43 0.54 0.00	72.89 0.86 0.00	73.24 0.94 0.00	77.09 1.59 0.00	83.59 1.15 0.00	94.51 1.94 0.00	90.91 2.22 0.00	79.20 2.23 0.00	73.93 1.38 0.00	65.31 0.77 0.00	58.21 0.35 0.00	50.75 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.43 -0.11 0.00	50.42 -0.46 0.00	45.66 -1.03 0.00	41.89 -1.16 0.00	41.58 -1.20 0.00	44.94 -1.15 0.00	51.03 -1.20 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.85 0.06 0.00	56.38 0.34 0.00	61.98 0.43 0.00	68.50 0.61 0.00	72.96 0.94 0.00	73.32 1.01 0.00	77.24 1.74 0.00	83.67 1.24 0.00	94.70 2.13 0.00	91.00 2.31 0.00	79.12 2.16 0.00	73.71 1.16 0.00	65.25 0.71 0.00	58.15 0.29 0.00	50.70 0.20 0.00
STA_56___34_KV_BUS2 355983	55.43 -0.11 0.00	50.42 -0.46 0.00	45.66 -1.03 0.00	41.89 -1.16 0.00	41.58 -1.20 0.00	44.94 -1.15 0.00	51.03 -1.20 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.85 0.06 0.00	56.38 0.34 0.00	61.98 0.43 0.00	68.50 0.61 0.00	72.96 0.94 0.00	73.32 1.01 0.00	77.24 1.74 0.00	83.67 1.24 0.00	94.70 2.13 0.00	91.00 2.31 0.00	79.12 2.16 0.00	73.71 1.16 0.00	65.25 0.71 0.00	58.15 0.29 0.00	50.70 0.20 0.00
STA_67___115KV_BK2 355882	55.59 0.06 0.00	50.57 -0.31 0.00	45.80 -0.89 0.00	41.98 -1.08 0.00	41.71 -1.07 0.00	45.03 -1.06 0.00	51.13 -1.10 0.00	53.02 -0.54 0.00	53.47 -0.59 0.00	56.97 0.17 0.00	56.49 0.45 0.00	62.10 0.55 0.00	68.63 0.75 0.00	73.11 1.08 0.00	73.46 1.16 0.00	77.39 1.89 0.00	83.76 1.32 0.00	94.88 2.31 0.00	91.09 2.39 0.00	79.35 2.39 0.00	73.86 1.31 0.00	65.44 0.90 0.00	58.32 0.46 0.00	50.90 0.40 0.00
STA_7___115KV_9TRANS 80674	56.09 0.56 0.00	50.98 0.10 0.00	46.17 -0.51 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.40 -0.69 0.00	51.50 -0.73 0.00	53.50 -0.05 0.00	53.96 -0.11 0.00	57.54 0.74 0.00	57.05 1.01 0.00	62.78 1.23 0.00	69.45 1.56 0.00	73.97 1.94 0.00	74.26 1.95 0.00	78.22 2.72 0.00	84.66 2.23 0.00	95.90 3.33 0.00	92.15 3.46 0.00	80.20 3.23 0.00	74.80 2.25 0.00	66.15 1.61 0.00	58.90 1.04 0.00	51.36 0.86 0.00
STA_82___115KV_TB1 80780	55.59 0.06 0.00	50.57 -0.31 0.00	45.80 -0.89 0.00	42.02 -1.03 0.00	41.71 -1.07 0.00	45.03 -1.06 0.00	51.13 -1.10 0.00	53.07 -0.48 0.00	53.53 -0.54 0.00	57.02 0.23 0.00	56.55 0.50 0.00	62.16 0.62 0.00	68.70 0.81 0.00	73.18 1.15 0.00	73.53 1.23 0.00	77.47 1.96 0.00	83.84 1.40 0.00	94.98 2.41 0.00	91.26 2.57 0.00	79.43 2.46 0.00	74.00 1.45 0.00	65.51 0.97 0.00	58.38 0.52 0.00	50.95 0.45 0.00
STEEL___WIND 323596	55.82 0.28 0.00	50.82 -0.05 0.00	45.43 -1.26 0.00	41.76 -1.29 0.00	41.50 -1.28 0.00	44.71 -1.38 0.00	50.77 -1.46 0.00	52.49 -1.07 0.00	52.77 -1.30 0.00	56.68 -0.11 0.00	56.55 0.50 0.00	61.98 0.43 0.00	68.50 0.61 0.00	73.11 1.08 0.00	73.61 1.30 0.00	78.07 2.57 0.00	84.34 1.90 0.00	95.26 2.69 0.00	91.09 2.40 0.00	79.58 2.62 0.00	73.35 0.80 0.00	65.25 0.71 0.00	58.61 0.75 0.00	51.71 1.21 0.00
STEPHTWN_115KV_BK_2 55603	56.04 0.50 0.00	51.28 0.41 0.00	47.10 0.42 0.00	43.48 0.43 0.00	43.25 0.47 0.00	46.64 0.55 0.00	52.86 0.63 0.00	54.09 0.54 0.00	54.72 0.65 0.00	57.31 0.51 0.00	56.27 0.22 0.00	61.79 0.25 0.00	68.43 0.54 0.00	73.54 1.51 0.00	64.37 2.31 10.25	77.88 2.42 0.04	58.63 3.05 26.86	89.79 3.43 6.20	89.91 3.10 1.89	76.27 2.46 3.16	74.15 1.60 0.00	65.25 0.71 0.00	58.21 0.35 0.00	50.70 0.20 0.00
STEUBEN_REC_LFGE 323667	56.82 1.28 0.00	51.69 0.81 0.00	46.59 -0.09 0.00	42.84 -0.22 0.00	42.56 -0.21 0.00	45.95 -0.14 0.00	52.28 0.05 0.00	53.88 0.32 0.00	53.80 -0.27 0.00	57.02 0.23 0.00	56.60 0.56 0.00	62.22 0.68 0.00	69.04 1.15 0.00	73.47 1.44 0.00	73.89 1.59 0.00	78.22 2.72 0.00	84.58 2.14 0.00	96.09 3.52 0.00	92.51 3.81 0.00	81.28 4.31 0.00	75.60 3.05 0.00	66.73 2.19 0.00	59.65 1.79 0.00	52.26 1.77 0.00
STILLWATER___SOLAR 323814	57.70 2.16 0.00	52.76 1.88 0.00	48.41 1.73 0.00	44.69 1.64 0.00	44.40 1.63 0.00	47.98 1.89 0.00	54.37 2.14 0.00	55.75 2.20 0.00	56.29 2.22 0.00	58.90 2.10 0.00	57.72 1.68 0.00	63.33 1.79 0.00	69.99 2.11 0.00	75.12 3.09 0.00	78.78 3.83 -2.65	79.59 4.07 -0.01	94.24 4.86 -6.94	99.82 5.65 -1.60	95.15 5.85 -0.61	85.08 5.08 -3.04	76.76 4.21 0.00	67.57 3.03 0.00	60.23 2.37 0.00	52.37 1.87 0.00
STONY___BROOK 24151	59.04 3.50 0.00	54.70 3.82 -0.01	50.10 3.41 -0.01	46.16 3.10 -0.01	45.87 3.08 -0.01	49.65 3.55 -0.01	55.89 3.65 0.00	57.20 3.64 0.00	58.01 3.94 0.00	59.58 2.78 0.00	58.45 2.41 0.00	65.05 3.51 0.00	75.10 4.62 -2.60	137.85 6.48 -59.34	229.60 7.81 -149.49	257.49 8.53 -173.45	290.64 9.81 -198.39	291.82 10.64 -188.61	266.25 8.78 -168.78	263.61 7.08 -179.56	139.50 5.23 -61.72	129.98 3.61 -61.83	60.70 2.83 -0.01	54.83 2.52 -1.81
STURGEON_POOL_HYD 23609	57.26 1.72 0.00	52.55 1.68 0.00	48.23 1.54 0.00	44.43 1.38 0.00	44.15 1.37 0.00	47.61 1.52 0.00	53.90 1.67 0.00	55.16 1.61 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.89 1.85 0.00	63.76 2.22 0.00	70.81 2.92 0.00	76.20 4.18 0.00	77.12 5.64 0.82	81.47 5.96 0.00	87.54 7.25 2.16	100.03 7.96 0.50	94.89 6.39 0.18	81.84 5.23 0.36	75.96 3.41 0.00	66.86 2.32 0.00	59.65 1.79 0.00	52.16 1.67 0.00

ST_LAW_115_BK7_LBMP 345037	55.98 0.44 0.00	51.38 0.51 0.00	47.20 0.51 0.00	43.53 0.47 0.00	43.25 0.47 0.00	46.60 0.51 0.00	52.81 0.58 0.00	54.04 0.48 0.00	54.39 0.33 0.00	57.08 0.29 0.00	56.32 0.28 0.00	61.73 0.19 0.00	67.68 -0.20 0.00	70.80 -1.22 0.00	70.28 -2.02 0.00	72.94 -2.57 0.00	79.55 -2.89 0.00	89.24 -3.33 0.00	86.03 -2.66 0.00	74.58 -2.39 0.00	71.47 -1.09 0.00	64.28 -0.26 0.00	58.03 0.17 0.00	50.75 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	55.98 0.44 0.00	51.38 0.51 0.00	47.20 0.51 0.00	43.53 0.47 0.00	43.25 0.47 0.00	46.60 0.51 0.00	52.81 0.58 0.00	54.04 0.48 0.00	54.39 0.33 0.00	57.08 0.29 0.00	56.32 0.28 0.00	61.73 0.19 0.00	67.68 -0.20 0.00	70.80 -1.22 0.00	70.28 -2.02 0.00	72.94 -2.57 0.00	79.55 -2.89 0.00	89.24 -3.33 0.00	86.03 -2.66 0.00	74.58 -2.39 0.00	71.47 -1.09 0.00	64.28 -0.26 0.00	58.03 0.17 0.00	50.75 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	55.93 0.39 0.00	51.28 0.41 0.00	47.15 0.47 0.00	43.48 0.43 0.00	43.21 0.43 0.00	46.50 0.41 0.00	52.75 0.52 0.00	53.98 0.43 0.00	54.34 0.27 0.00	57.08 0.29 0.00	56.27 0.23 0.00	61.73 0.19 0.00	67.68 -0.20 0.00	70.87 -1.16 0.00	70.42 -1.88 0.00	73.16 -2.34 0.00	79.80 -2.64 0.00	89.52 -3.05 0.00	86.30 -2.39 0.00	74.81 -2.15 0.00	71.54 -1.02 0.00	64.35 -0.19 0.00	57.97 0.12 0.00	50.70 0.20 0.00
ST_LAW_230_BK6_LBMP 345036	55.93 0.39 0.00	51.28 0.41 0.00	47.15 0.47 0.00	43.48 0.43 0.00	43.21 0.43 0.00	46.50 0.41 0.00	52.75 0.52 0.00	53.98 0.43 0.00	54.34 0.27 0.00	57.08 0.29 0.00	56.27 0.23 0.00	61.73 0.19 0.00	67.68 -0.20 0.00	70.87 -1.16 0.00	70.42 -1.88 0.00	73.16 -2.34 0.00	79.80 -2.64 0.00	89.52 -3.05 0.00	86.30 -2.39 0.00	74.81 -2.15 0.00	71.54 -1.02 0.00	64.35 -0.19 0.00	57.97 0.12 0.00	50.70 0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.98 1.44 0.00	52.25 1.37 0.00	47.90 1.21 0.00	44.22 1.16 0.00	43.89 1.11 0.00	47.38 1.29 0.00	53.59 1.36 0.00	54.95 1.39 0.00	55.74 1.68 0.00	58.39 1.59 0.00	57.72 1.68 0.00	63.58 2.03 0.00	70.53 2.65 0.00	75.99 3.96 0.00	77.70 4.92 -0.47	81.02 5.51 0.00	90.11 6.43 -1.24	99.80 6.94 -0.29	94.19 5.50 0.00	81.35 4.39 0.00	75.60 3.05 0.00	66.54 2.00 0.00	59.36 1.50 0.00	51.96 1.46 0.00
SWANROAD_115KV_TB1 355699	54.54 -1.00 0.00	49.75 -1.12 0.00	44.54 -2.15 0.00	40.90 -2.15 0.00	40.64 -2.14 0.00	43.74 -2.35 0.00	49.51 -2.72 0.00	50.83 -2.73 0.00	51.04 -3.03 0.00	54.92 -1.87 0.00	54.47 -1.57 0.00	59.95 -1.60 0.00	66.12 -1.77 0.00	70.44 -1.58 0.00	70.86 -1.45 0.00	75.13 -0.38 0.00	80.95 -1.48 0.00	91.74 -0.83 0.00	87.81 -0.89 0.00	76.73 -0.23 0.00	70.81 -1.74 0.00	63.12 -1.42 0.00	56.76 -1.10 0.00	49.89 -0.61 0.00
SYNERGY___BIOGAS 323694	56.59 1.06 0.00	51.38 0.51 0.00	46.22 -0.47 0.00	42.32 -0.73 0.00	42.05 -0.73 0.00	45.40 -0.69 0.00	51.55 -0.68 0.00	53.29 -0.27 0.00	53.53 -0.54 0.00	57.37 0.57 0.00	56.88 0.84 0.00	62.47 0.92 0.00	69.04 1.15 0.00	73.61 1.58 0.00	73.89 1.59 0.00	78.15 2.64 0.00	84.42 1.98 0.00	95.90 3.33 0.00	92.33 3.64 0.00	80.58 3.62 0.00	74.66 2.10 0.00	66.22 1.68 0.00	59.07 1.22 0.00	51.76 1.26 0.00
SYRACUSE___ENERGY_ST1 323597	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
SYRACUSE___ENERGY_ST2 323598	54.98 -0.56 0.00	50.21 -0.66 0.00	45.89 -0.79 0.00	42.24 -0.82 0.00	41.96 -0.81 0.00	45.26 -0.83 0.00	51.40 -0.84 0.00	52.91 -0.64 0.00	53.37 -0.70 0.00	56.12 -0.68 0.00	55.43 -0.62 0.00	60.81 -0.74 0.00	67.34 -0.54 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.76 0.19 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.70 0.15 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
SYRACUSE___POWER 24017	55.09 -0.44 0.00	50.31 -0.56 0.00	45.98 -0.70 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.31 -0.78 0.00	51.50 -0.73 0.00	52.97 -0.59 0.00	53.42 -0.65 0.00	56.23 -0.57 0.00	55.59 -0.45 0.00	61.05 -0.49 0.00	67.55 -0.34 0.00	71.88 -0.14 0.00	72.38 0.07 0.00	75.88 0.38 0.00	82.60 0.16 0.00	93.13 0.56 0.00	89.31 0.62 0.00	77.74 0.77 0.00	72.92 0.36 0.00	64.41 -0.13 0.00	57.51 -0.35 0.00	50.09 -0.40 0.00
TALLMAN_138KV_BK151 55660	57.09 1.56 0.00	52.40 1.53 0.00	48.04 1.35 0.00	44.35 1.29 0.00	44.02 1.24 0.00	47.52 1.43 0.00	53.75 1.51 0.00	55.11 1.55 0.00	55.96 1.89 0.00	58.67 1.87 0.00	58.00 1.96 0.00	63.95 2.40 0.00	71.01 3.12 0.00	76.56 4.54 0.00	78.46 5.64 -0.51	81.77 6.27 0.00	91.04 7.25 -1.35	100.75 7.87 -0.31	94.81 6.12 0.00	81.74 4.77 0.00	75.89 3.34 0.00	66.80 2.26 0.00	59.54 1.68 0.00	52.16 1.67 0.00
TEALLAVE_115KV_TB7 355573	54.87 -0.67 0.00	50.11 -0.76 0.00	45.80 -0.89 0.00	42.15 -0.90 0.00	41.88 -0.90 0.00	45.17 -0.92 0.00	51.29 -0.94 0.00	52.81 -0.75 0.00	53.26 -0.81 0.00	56.06 -0.74 0.00	55.43 -0.62 0.00	60.87 -0.68 0.00	67.34 -0.54 0.00	71.74 -0.29 0.00	72.16 -0.14 0.00	75.65 0.15 0.00	82.36 -0.08 0.00	92.85 0.28 0.00	89.05 0.35 0.00	77.43 0.46 0.00	72.63 0.07 0.00	64.15 -0.39 0.00	57.34 -0.52 0.00	49.94 -0.56 0.00
TELGRAPH_34_KV_EAST 80808	55.54 0.00 0.00	50.57 -0.31 0.00	45.33 -1.35 0.00	41.59 -1.46 0.00	41.32 -1.45 0.00	44.57 -1.52 0.00	50.56 -1.67 0.00	52.16 -1.39 0.00	52.39 -1.68 0.00	56.23 -0.57 0.00	55.82 -0.22 0.00	61.36 -0.18 0.00	67.75 -0.14 0.00	72.17 0.14 0.00	72.59 0.29 0.00	76.86 1.36 0.00	82.93 0.49 0.00	93.96 1.39 0.00	90.20 1.51 0.00	78.81 1.85 0.00	72.84 0.29 0.00	64.73 0.19 0.00	58.03 0.17 0.00	50.95 0.45 0.00
TEMPLE___115KV_TB 2 55572	54.93 -0.61 0.00	50.16 -0.71 0.00	45.84 -0.84 0.00	42.19 -0.86 0.00	41.92 -0.86 0.00	45.21 -0.88 0.00	51.34 -0.89 0.00	52.81 -0.75 0.00	53.31 -0.76 0.00	56.12 -0.68 0.00	55.48 -0.56 0.00	60.93 -0.62 0.00	67.41 -0.48 0.00	71.81 -0.22 0.00	72.23 -0.07 0.00	75.73 0.23 0.00	82.36 -0.08 0.00	92.94 0.37 0.00	89.05 0.35 0.00	77.50 0.54 0.00	72.63 0.07 0.00	64.22 -0.32 0.00	57.34 -0.52 0.00	49.99 -0.50 0.00
TIANA____69_KV_BK 1 55817	59.59 4.05 0.00	55.10 4.22 0.00	50.42 3.73 0.00	46.41 3.36 0.00	46.20 3.42 0.00	50.05 3.96 0.00	56.25 4.02 0.00	57.41 3.86 0.00	58.88 4.81 0.00	61.34 4.54 0.00	59.52 3.47 0.00	66.29 4.74 0.00	76.36 6.45 -2.02	126.97 8.64 -46.30	199.00 10.05 -116.65	221.24 10.57 -135.17	249.79 12.37 -154.98	253.29 13.70 -147.02	231.90 11.71 -131.50	226.17 9.31 -139.89	128.32 7.69 -48.08	118.20 5.49 -48.17	61.91 4.05 -0.01	55.49 3.59 -1.41

TILDEN___115KV_TB1 80814	55.09 -0.44 0.00	50.31 -0.56 0.00	45.98 -0.70 0.00	42.32 -0.73 0.00	42.01 -0.77 0.00	45.31 -0.78 0.00	51.50 -0.73 0.00	52.97 -0.59 0.00	53.42 -0.65 0.00	56.23 -0.57 0.00	55.59 -0.45 0.00	61.05 -0.49 0.00	67.55 -0.34 0.00	71.88 -0.14 0.00	72.38 0.07 0.00	75.88 0.38 0.00	82.60 0.16 0.00	93.13 0.56 0.00	89.31 0.62 0.00	77.74 0.77 0.00	72.92 0.36 0.00	64.41 -0.13 0.00	57.51 -0.35 0.00	50.09 -0.40 0.00
TRIGEN___CC 323695	58.21 2.67 0.00	53.62 2.75 0.00	49.21 2.52 0.00	45.38 2.32 0.00	45.09 2.31 0.00	48.67 2.58 0.00	54.89 2.66 0.00	56.07 2.52 0.00	57.15 3.08 0.00	59.52 2.73 0.00	58.28 2.24 0.00	64.56 3.02 0.00	72.10 4.21 0.00	80.95 5.98 -2.95	82.41 7.16 -2.94	84.57 7.85 -1.21	96.52 8.99 -5.09	102.73 9.81 -0.35	96.73 7.98 -0.06	83.35 6.39 0.00	77.34 4.79 0.00	67.77 3.23 0.00	60.19 2.31 -0.02	52.62 2.12 0.00
TRINITY___115KV___4 BK 55933	55.54 0.00 0.00	50.87 0.00 0.00	46.78 0.09 0.00	43.18 0.13 0.00	42.95 0.17 0.00	46.27 0.18 0.00	52.39 0.16 0.00	53.66 0.11 0.00	54.28 0.22 0.00	56.91 0.11 0.00	55.99 -0.06 0.00	61.49 -0.06 0.00	68.02 0.14 0.00	73.03 1.01 0.00	71.88 1.81 2.23	77.31 1.81 0.01	78.98 2.39 5.85	93.72 2.50 1.35	90.49 2.13 0.33	75.57 1.69 3.09	73.42 0.87 0.00	64.67 0.13 0.00	57.74 -0.12 0.00	50.30 -0.20 0.00
UNION___PROCESSING_DRP 323587	55.59 0.06 0.00	50.62 -0.25 0.00	45.80 -0.89 0.00	42.02 -1.03 0.00	41.71 -1.07 0.00	45.03 -1.06 0.00	51.13 -1.10 0.00	53.13 -0.43 0.00	53.53 -0.54 0.00	57.02 0.23 0.00	56.55 0.50 0.00	62.16 0.62 0.00	68.70 0.81 0.00	73.18 1.15 0.00	73.53 1.23 0.00	77.47 1.96 0.00	83.92 1.48 0.00	94.98 2.41 0.00	91.26 2.57 0.00	79.43 2.46 0.00	74.00 1.45 0.00	65.57 1.03 0.00	58.44 0.58 0.00	50.95 0.45 0.00
UPPER HUDSON___HYD 24058	57.70 2.16 0.00	52.70 1.83 0.00	48.36 1.68 0.00	44.56 1.51 0.00	44.32 1.54 0.00	47.94 1.85 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.34 2.27 0.00	58.96 2.16 0.00	57.38 1.34 0.00	62.96 1.42 0.00	69.51 1.63 0.00	74.61 2.59 0.00	77.77 3.26 -2.21	78.99 3.48 -0.01	92.51 4.28 -5.79	98.90 5.00 -1.34	95.32 6.12 -0.51	84.44 5.39 -2.09	77.20 4.65 0.00	67.89 3.35 0.00	60.29 2.43 0.00	52.46 1.97 0.00
UPPER RAQUET___HYD 24056	56.93 1.39 0.00	52.45 1.58 0.00	48.13 1.45 0.00	44.34 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.95 1.72 0.00	55.11 1.55 0.00	55.26 1.19 0.00	57.99 1.19 0.00	56.83 0.78 0.00	61.79 0.25 0.00	67.55 -0.34 0.00	70.30 -1.73 0.00	69.34 -2.97 0.00	71.57 -3.93 0.00	77.82 -4.61 0.00	87.39 -5.18 0.00	85.23 -3.46 0.00	74.04 -2.92 0.00	71.32 -1.23 0.00	64.28 -0.26 0.00	58.27 0.41 0.00	51.05 0.56 0.00
VALLEY44_115KV_TB2 355964	55.09 -0.44 0.00	50.11 -0.76 0.00	44.86 -1.82 0.00	41.33 -1.72 0.00	41.11 -1.67 0.00	44.25 -1.84 0.00	50.30 -1.93 0.00	51.90 -1.66 0.00	52.12 -1.95 0.00	55.78 -1.02 0.00	55.31 -0.73 0.00	61.18 -0.37 0.00	67.89 0.00 0.00	72.67 0.65 0.00	73.03 0.72 0.00	77.39 1.89 0.00	83.51 1.07 0.00	94.61 2.04 0.00	90.20 1.51 0.00	78.89 1.92 0.00	72.70 0.15 0.00	64.48 -0.06 0.00	57.74 -0.12 0.00	51.00 0.50 0.00
VALLEY___115KV_TB 1-4 80826	56.09 0.56 0.00	51.33 0.46 0.00	47.06 0.37 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.51 0.41 0.00	52.75 0.52 0.00	54.09 0.54 0.00	54.66 0.59 0.00	57.42 0.62 0.00	56.60 0.56 0.00	62.10 0.55 0.00	68.57 0.68 0.00	72.96 0.94 0.00	73.39 1.08 0.00	76.64 1.13 0.00	83.59 1.15 0.00	93.87 1.30 0.00	90.11 1.42 0.00	78.12 1.15 0.00	73.35 0.80 0.00	65.12 0.58 0.00	58.32 0.46 0.00	50.80 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.54 2.00 0.00	52.65 1.78 0.00	48.27 1.59 0.00	44.52 1.46 0.00	44.23 1.45 0.00	47.66 1.57 0.00	54.01 1.78 0.00	55.49 1.93 0.00	56.07 2.00 0.00	58.96 2.16 0.00	58.06 2.02 0.00	63.76 2.22 0.00	70.60 2.72 0.00	75.48 3.46 0.00	76.21 3.90 0.00	79.73 4.23 0.00	86.97 4.53 0.00	97.85 5.28 0.00	93.92 5.23 0.00	81.43 4.46 0.00	76.18 3.63 0.00	67.25 2.71 0.00	60.00 2.14 0.00	52.31 1.82 0.00
VISCHER___FERRY HYD 24020	56.82 1.28 0.00	51.99 1.12 0.00	47.80 1.12 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.34 1.24 0.00	53.59 1.36 0.00	55.00 1.45 0.00	55.64 1.57 0.00	58.27 1.47 0.00	57.27 1.23 0.00	62.96 1.42 0.00	69.65 1.76 0.00	74.69 2.67 0.00	79.93 3.54 -4.08	79.22 3.70 -0.02	97.50 4.37 -10.70	99.94 4.90 -2.47	94.21 4.61 -0.91	86.86 3.85 -6.05	75.38 2.83 0.00	66.47 1.93 0.00	59.31 1.45 0.00	51.56 1.06 0.00
V_A_10_SYNC_DSASP 323832	54.71 -0.83 0.00	49.86 -1.02 0.00	44.82 -1.87 0.00	41.16 -1.89 0.00	40.90 -1.88 0.00	44.06 -2.03 0.00	50.04 -2.19 0.00	51.74 -1.82 0.00	52.07 -2.00 0.00	55.78 -1.02 0.00	55.31 -0.73 0.00	60.87 -0.68 0.00	67.14 -0.75 0.00	71.45 -0.58 0.00	71.87 -0.43 0.00	76.03 0.53 0.00	82.11 -0.33 0.00	92.94 0.37 0.00	88.96 0.27 0.00	77.66 0.69 0.00	71.90 -0.65 0.00	64.02 -0.52 0.00	57.45 -0.41 0.00	50.35 -0.15 0.00
V_CMM_10_SYNC_DSASP 323787	56.32 0.78 0.00	51.69 0.81 0.00	47.48 0.79 0.00	43.79 0.73 0.00	43.50 0.73 0.00	46.87 0.78 0.00	53.12 0.89 0.00	54.36 0.80 0.00	54.66 0.60 0.00	57.42 0.63 0.00	56.60 0.56 0.00	62.04 0.49 0.00	68.02 0.14 0.00	71.16 -0.86 0.00	70.64 -1.66 0.00	73.39 -2.11 0.00	79.97 -2.47 0.00	89.60 -2.97 0.00	86.56 -2.13 0.00	75.04 -1.92 0.00	71.90 -0.65 0.00	64.60 0.06 0.00	58.27 0.41 0.00	51.00 0.50 0.00
V_CMP_10_SYNC_DSASP 323788	56.43 0.89 0.00	51.74 0.86 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.89 1.11 0.00	47.29 1.20 0.00	53.38 1.15 0.00	54.57 1.02 0.00	54.82 0.76 0.00	57.65 0.85 0.00	56.83 0.78 0.00	62.29 0.74 0.00	68.30 0.41 0.00	71.45 -0.58 0.00	70.86 -1.45 0.00	73.62 -1.88 0.00	80.22 -2.22 0.00	89.98 -2.59 0.00	87.27 -1.42 0.00	75.66 -1.31 0.00	72.41 -0.14 0.00	64.93 0.39 0.00	58.50 0.64 0.00	51.15 0.65 0.00
V_D_10_SYNC_DSASP 323841	56.76 1.22 0.00	52.09 1.22 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.85 1.07 0.00	47.24 1.15 0.00	53.59 1.36 0.00	54.79 1.23 0.00	55.04 0.97 0.00	57.82 1.02 0.00	56.94 0.89 0.00	62.35 0.80 0.00	68.23 0.34 0.00	71.31 -0.72 0.00	70.71 -1.59 0.00	73.16 -2.34 0.00	79.72 -2.72 0.00	89.33 -3.24 0.00	86.56 -2.13 0.00	75.04 -1.92 0.00	72.12 -0.43 0.00	64.93 0.39 0.00	58.61 0.75 0.00	51.30 0.81 0.00
V_E_10_SYNC_DSASP 323830	60.26 4.72 0.00	54.95 4.07 0.00	49.90 3.22 0.00	45.85 2.80 0.00	45.56 2.78 0.00	49.32 3.23 0.00	56.25 4.02 0.00	58.00 4.44 0.00	58.07 4.00 0.00	61.00 4.20 0.00	59.85 3.81 0.00	65.49 3.94 0.00	72.51 4.62 0.00	77.07 5.04 0.00	77.44 5.13 0.00	81.17 5.67 0.00	88.21 5.77 0.00	100.25 7.68 0.00	98.00 9.31 0.00	85.51 8.54 0.00	80.03 7.47 0.00	70.41 5.87 0.00	62.66 4.80 0.00	54.39 3.89 0.00

V_F_30_NSYNC___DSASP 323816	57.76 2.22 0.00	52.81 1.93 0.00	48.50 1.82 0.00	44.73 1.68 0.00	44.44 1.67 0.00	48.03 1.94 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.39 2.32 0.00	59.01 2.21 0.00	57.83 1.79 0.00	63.52 1.97 0.00	70.20 2.31 0.00	75.27 3.24 0.00	78.73 3.97 -2.45	79.74 4.23 -0.01	93.89 5.03 -6.42	99.79 5.74 -1.48	95.29 6.03 -0.56	84.81 5.24 -2.61	76.83 4.28 0.00	67.70 3.16 0.00	60.29 2.43 0.00	52.46 1.97 0.00
V_F_30_SYNC_DSASP 323786	55.82 0.28 0.00	51.13 0.25 0.00	47.01 0.33 0.00	43.40 0.34 0.00	43.12 0.34 0.00	46.51 0.41 0.00	52.65 0.42 0.00	53.93 0.37 0.00	54.55 0.49 0.00	57.20 0.40 0.00	56.27 0.22 0.00	61.79 0.25 0.00	68.36 0.48 0.00	73.39 1.37 0.00	74.98 2.17 -0.51	77.70 2.19 0.00	86.58 2.80 -1.34	95.93 3.05 -0.31	91.56 2.66 -0.21	76.41 2.16 2.71	73.86 1.31 0.00	65.06 0.52 0.00	58.03 0.17 0.00	50.55 0.05 0.00
V_XM_10_SYNC_DSASP 323789	56.43 0.89 0.00	51.74 0.86 0.00	47.90 1.21 0.00	44.13 1.08 0.00	43.89 1.11 0.00	47.29 1.20 0.00	53.38 1.15 0.00	54.57 1.02 0.00	54.82 0.76 0.00	57.65 0.85 0.00	56.83 0.78 0.00	62.29 0.74 0.00	68.30 0.41 0.00	71.45 -0.58 0.00	70.86 -1.45 0.00	73.62 -1.88 0.00	80.22 -2.22 0.00	89.98 -2.59 0.00	87.27 -1.42 0.00	75.66 -1.31 0.00	72.41 -0.14 0.00	64.93 0.39 0.00	58.50 0.64 0.00	51.15 0.65 0.00
W.BABYLN_69_KV_BK1 56697	59.48 3.94 0.00	54.94 4.07 0.00	50.33 3.64 0.00	46.37 3.32 0.00	46.11 3.34 0.00	49.87 3.78 0.00	56.15 3.92 0.00	57.25 3.70 0.00	58.50 4.43 0.00	60.89 4.09 0.00	59.01 2.97 0.00	65.49 3.94 0.00	73.49 5.36 -0.24	85.85 7.42 -6.41	96.18 8.60 -15.27	101.56 9.36 -16.69	114.37 10.88 -21.05	122.51 11.85 -18.09	114.68 10.02 -15.96	101.82 7.93 -16.93	84.76 6.38 -5.82	74.76 4.39 -5.83	61.16 3.30 0.00	53.60 2.93 -0.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	57.32 1.78 0.00	52.60 1.73 0.00	48.23 1.54 0.00	44.47 1.42 0.00	44.19 1.41 0.00	47.70 1.61 0.00	53.95 1.72 0.00	55.32 1.77 0.00	56.18 2.11 0.00	58.84 2.04 0.00	58.23 2.19 0.00	64.19 2.65 0.00	71.21 3.33 0.00	76.85 4.83 0.00	78.76 5.93 -0.53	82.07 6.57 0.00	91.40 7.58 -1.38	101.13 8.24 -0.32	95.31 6.56 -0.05	82.12 5.16 0.00	76.25 3.70 0.00	67.06 2.52 0.00	59.77 1.91 0.00	52.37 1.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.59 2.05 0.00	52.96 2.09 0.00	48.65 1.96 0.00	44.86 1.81 0.00	44.57 1.80 0.00	48.16 2.07 0.00	54.42 2.19 0.00	55.86 2.30 0.00	56.77 2.70 0.00	59.52 2.73 0.00	59.01 2.97 0.00	64.81 3.26 0.00	71.82 3.94 0.00	77.64 5.62 0.00	79.82 6.94 -0.57	83.13 7.63 0.00	92.76 8.82 -1.50	102.36 9.44 -0.35	96.20 7.45 -0.06	82.74 5.77 0.00	76.62 4.06 0.00	67.38 2.84 0.00	60.29 2.43 0.00	52.77 2.27 0.00
W50THST__13_KV_LOAD 356117	57.98 2.44 0.00	53.26 2.39 0.00	48.93 2.24 0.00	45.12 2.07 0.00	44.83 2.05 0.00	48.44 2.35 0.00	54.79 2.56 0.00	56.23 2.68 0.00	57.20 3.14 0.00	60.04 3.24 0.00	59.52 3.47 0.00	65.30 3.75 0.00	72.44 4.55 0.00	78.29 6.27 0.00	80.54 7.66 -0.57	83.89 8.38 0.00	93.66 9.73 -1.50	103.28 10.37 -0.35	97.00 8.25 -0.06	82.91 6.39 0.44	76.45 4.57 0.67	67.32 3.29 0.51	60.69 2.84 0.00	53.12 2.63 0.00
WADING RIVER_IC_1 23522	58.70 3.16 0.00	54.34 3.46 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.37 3.27 -0.01	55.52 3.29 0.00	56.77 3.21 0.00	57.64 3.57 0.00	59.24 2.44 0.00	58.17 2.13 0.00	64.87 3.32 0.00	74.65 4.75 -2.01	125.03 6.85 -46.16	196.76 8.17 -116.29	218.93 8.68 -134.75	247.09 10.14 -154.51	250.53 11.38 -146.57	229.38 9.58 -131.10	224.06 7.62 -139.47	126.37 5.87 -47.94	116.57 4.00 -48.02	60.70 2.83 -0.01	54.32 2.42 -1.40
WADING RIVER_IC_2 23547	58.70 3.16 0.00	54.34 3.46 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.37 3.27 -0.01	55.52 3.29 0.00	56.77 3.21 0.00	57.64 3.57 0.00	59.24 2.44 0.00	58.17 2.13 0.00	64.87 3.32 0.00	74.65 4.75 -2.01	125.03 6.85 -46.16	196.76 8.17 -116.29	218.93 8.68 -134.75	247.09 10.14 -154.51	250.53 11.38 -146.57	229.38 9.58 -131.10	224.06 7.62 -139.47	126.37 5.87 -47.94	116.57 4.00 -48.02	60.70 2.83 -0.01	54.32 2.42 -1.40
WADING RIVER_IC_3 23601	58.70 3.16 0.00	54.34 3.46 -0.01	49.77 3.08 -0.01	45.86 2.80 -0.01	45.61 2.82 -0.01	49.37 3.27 -0.01	55.52 3.29 0.00	56.77 3.21 0.00	57.64 3.57 0.00	59.24 2.44 0.00	58.17 2.13 0.00	64.87 3.32 0.00	74.65 4.75 -2.01	125.03 6.85 -46.16	196.76 8.17 -116.29	218.93 8.68 -134.75	247.09 10.14 -154.51	250.53 11.38 -146.57	229.38 9.58 -131.10	224.06 7.62 -139.47	126.37 5.87 -47.94	116.57 4.00 -48.02	60.70 2.83 -0.01	54.32 2.42 -1.40
WALDENNY_12_KV_BK2 80841	55.87 0.33 0.00	50.82 -0.05 0.00	45.52 -1.17 0.00	41.81 -1.25 0.00	41.54 -1.24 0.00	44.75 -1.34 0.00	50.87 -1.36 0.00	52.54 -1.02 0.00	52.82 -1.24 0.00	56.74 -0.06 0.00	56.32 0.28 0.00	62.10 0.55 0.00	68.70 0.81 0.00	73.32 1.30 0.00	73.75 1.45 0.00	78.22 2.72 0.00	84.25 1.81 0.00	95.44 2.87 0.00	91.35 2.66 0.00	79.81 2.85 0.00	73.50 0.94 0.00	65.31 0.77 0.00	58.67 0.81 0.00	51.51 1.01 0.00
WALDEN__HYDRO 24148	57.32 1.78 0.00	52.55 1.68 0.00	48.23 1.54 0.00	44.43 1.38 0.00	44.15 1.37 0.00	47.66 1.57 0.00	53.95 1.72 0.00	55.27 1.71 0.00	56.01 1.95 0.00	58.67 1.87 0.00	57.95 1.91 0.00	63.89 2.34 0.00	70.87 2.99 0.00	76.35 4.32 0.00	78.04 5.35 -0.38	81.47 5.96 0.00	90.36 6.92 -1.00	100.39 7.59 -0.23	94.90 6.21 0.00	81.97 5.00 0.00	76.18 3.63 0.00	66.99 2.45 0.00	59.77 1.91 0.00	52.26 1.77 0.00
WARRENSBURG____ 23737	57.71 2.17 0.00	52.71 1.83 0.00	48.37 1.68 0.00	44.56 1.51 0.00	44.32 1.54 0.00	47.93 1.84 0.00	54.42 2.19 0.00	55.81 2.25 0.00	56.34 2.27 0.00	58.96 2.16 0.00	57.39 1.35 0.00	62.96 1.42 0.00	69.52 1.63 0.00	74.62 2.59 0.00	77.77 3.25 -2.21	78.99 3.47 -0.01	92.51 4.29 -5.79	98.91 5.00 -1.34	95.33 6.12 -0.51	84.44 5.39 -2.09	77.27 4.72 0.00	67.90 3.36 0.00	60.29 2.43 0.00	52.47 1.97 0.00
WATERSIDE____6 8 9 23538	57.37 1.83 0.00	52.86 1.98 0.00	48.83 2.15 0.00	45.03 1.98 0.00	44.70 1.92 0.00	48.30 2.21 0.00	54.27 2.04 0.00	55.59 2.04 0.00	56.56 2.49 0.00	59.07 2.27 0.00	58.90 2.86 0.00	62.13 2.52 1.94	64.48 3.12 6.53	70.78 4.75 6.00	78.80 5.93 -0.57	82.00 6.49 0.00	91.60 7.67 -1.49	101.15 8.24 -0.34	95.13 6.39 -0.05	66.80 4.85 15.01	65.57 3.26 10.25	62.48 2.19 4.25	59.65 1.79 0.00	52.92 2.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.87 0.33 0.00	51.13 0.25 0.00	46.92 0.23 0.00	43.27 0.22 0.00	42.99 0.21 0.00	46.37 0.28 0.00	52.54 0.31 0.00	53.88 0.32 0.00	54.45 0.38 0.00	57.20 0.40 0.00	56.38 0.34 0.00	61.92 0.37 0.00	68.36 0.48 0.00	72.75 0.72 0.00	73.17 0.87 0.00	76.41 0.91 0.00	83.43 0.99 0.00	93.68 1.11 0.00	89.85 1.15 0.00	77.89 0.92 0.00	73.21 0.65 0.00	64.93 0.39 0.00	58.15 0.29 0.00	50.70 0.20 0.00

WDELAWARE___HYD 323627	57.43 1.89 0.00	52.55 1.68 0.00	48.13 1.45 0.00	44.34 1.29 0.00	44.06 1.28 0.00	47.52 1.43 0.00	53.90 1.67 0.00	55.16 1.61 0.00	55.91 1.84 0.00	58.56 1.76 0.00	57.72 1.68 0.00	63.70 2.15 0.00	70.67 2.78 0.00	75.98 3.96 0.00	77.22 4.92 0.00	81.01 5.51 0.00	88.87 6.43 0.00	99.88 7.31 0.00	94.90 6.21 0.00	82.12 5.16 0.00	76.40 3.84 0.00	67.19 2.65 0.00	59.88 2.02 0.00	52.26 1.77 0.00
WEST BABYLON___IC 23714	59.48 3.94 0.00	54.94 4.07 0.00	50.33 3.64 0.00	46.37 3.32 0.00	46.11 3.34 0.00	49.87 3.78 0.00	56.15 3.92 0.00	57.25 3.70 0.00	58.50 4.43 0.00	60.89 4.09 0.00	59.01 2.97 0.00	65.49 3.94 0.00	73.49 5.36 -0.24	85.85 7.42 -6.41	96.18 8.60 -15.27	101.56 9.36 -16.69	114.37 10.88 -21.05	122.51 11.85 -18.09	114.68 10.02 -15.96	101.82 7.93 -16.93	84.76 6.38 -5.82	74.76 4.39 -5.83	61.16 3.30 0.00	53.60 2.93 -0.17
WEST CANADA___HYD 24049	55.59 0.06 0.00	50.92 0.05 0.00	46.73 0.05 0.00	43.10 0.04 0.00	42.82 0.04 0.00	46.18 0.09 0.00	52.28 0.05 0.00	53.66 0.11 0.00	54.18 0.11 0.00	56.91 0.11 0.00	56.10 0.06 0.00	61.61 0.06 0.00	68.02 0.14 0.00	72.46 0.43 0.00	72.95 0.65 0.00	76.18 0.68 0.00	83.26 0.82 0.00	93.50 0.93 0.00	89.49 0.80 0.00	77.66 0.69 0.00	72.99 0.44 0.00	64.73 0.19 0.00	57.92 0.06 0.00	50.55 0.05 0.00
WESTERN_NY_WIND 24143	56.54 1.00 0.00	51.33 0.46 0.00	46.17 -0.51 0.00	42.28 -0.77 0.00	41.96 -0.81 0.00	45.31 -0.78 0.00	51.45 -0.78 0.00	53.18 -0.37 0.00	53.42 -0.65 0.00	57.25 0.45 0.00	56.77 0.73 0.00	62.41 0.86 0.00	68.91 1.02 0.00	73.47 1.44 0.00	73.75 1.45 0.00	78.07 2.57 0.00	84.25 1.81 0.00	95.72 3.15 0.00	92.15 3.46 0.00	80.43 3.46 0.00	74.51 1.96 0.00	66.09 1.55 0.00	59.02 1.16 0.00	51.71 1.21 0.00
WESTOVER___LESR 323668	55.98 0.44 0.00	51.08 0.20 0.00	46.54 -0.14 0.00	42.92 -0.13 0.00	42.65 -0.13 0.00	45.95 -0.14 0.00	52.13 -0.10 0.00	53.56 0.00 0.00	53.96 -0.11 0.00	56.91 0.11 0.00	56.32 0.28 0.00	61.92 0.37 0.00	68.63 0.75 0.00	73.25 1.22 0.00	73.82 1.52 0.00	77.47 1.96 0.00	84.33 1.90 0.00	95.07 2.50 0.00	91.00 2.31 0.00	79.27 2.31 0.00	74.00 1.45 0.00	65.38 0.84 0.00	58.44 0.58 0.00	51.15 0.66 0.00
WETHRSFD_WT_PWR 323626	55.65 0.11 0.00	50.72 -0.15 0.00	45.47 -1.21 0.00	41.85 -1.21 0.00	41.58 -1.20 0.00	44.80 -1.29 0.00	50.87 -1.36 0.00	52.38 -1.18 0.00	52.39 -1.68 0.00	55.95 -0.85 0.00	55.71 -0.33 0.00	61.05 -0.49 0.00	67.62 -0.27 0.00	72.10 0.07 0.00	72.59 0.29 0.00	76.86 1.36 0.00	83.18 0.74 0.00	93.96 1.39 0.00	90.20 1.51 0.00	79.12 2.15 0.00	73.28 0.73 0.00	65.05 0.51 0.00	58.32 0.46 0.00	51.41 0.91 0.00
WHAVSTOR_138KV_BK127 55557	56.98 1.44 0.00	52.30 1.42 0.00	47.94 1.26 0.00	44.26 1.21 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.64 1.41 0.00	55.00 1.45 0.00	55.85 1.78 0.00	58.56 1.76 0.00	57.95 1.91 0.00	63.76 2.22 0.00	70.81 2.92 0.00	76.42 4.39 0.00	78.33 5.50 -0.53	81.55 6.04 0.00	90.83 7.01 -1.39	100.48 7.59 -0.32	94.69 5.94 -0.05	81.58 4.62 0.00	75.75 3.19 0.00	66.61 2.07 0.00	59.42 1.56 0.00	52.06 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.98 1.44 0.00	52.30 1.42 0.00	47.94 1.26 0.00	44.26 1.21 0.00	43.98 1.20 0.00	47.47 1.38 0.00	53.64 1.41 0.00	55.00 1.45 0.00	55.85 1.78 0.00	58.56 1.76 0.00	57.95 1.91 0.00	63.76 2.22 0.00	70.81 2.92 0.00	76.42 4.39 0.00	78.33 5.50 -0.53	81.55 6.04 0.00	90.83 7.01 -1.39	100.48 7.59 -0.32	94.69 5.94 -0.05	81.58 4.62 0.00	75.75 3.19 0.00	66.61 2.07 0.00	59.42 1.56 0.00	52.06 1.57 0.00
WHITEHAL_115KV_TB1 80871	58.76 3.22 0.00	53.57 2.70 0.00	49.11 2.43 0.00	45.25 2.20 0.00	45.00 2.22 0.00	48.76 2.67 0.00	55.42 3.19 0.00	56.77 3.21 0.00	57.26 3.19 0.00	59.86 3.07 0.00	58.23 2.19 0.00	63.82 2.28 0.00	70.47 2.58 0.00	75.77 3.75 0.00	79.02 4.41 -2.31	80.19 4.68 -0.01	94.26 5.77 -6.05	100.82 6.85 -1.40	97.39 8.16 -0.53	86.51 7.23 -2.31	79.01 6.46 0.00	69.38 4.84 0.00	61.45 3.59 0.00	53.43 2.93 0.00
WHITEPLN_13_KV_LOAD 356215	58.09 2.55 0.00	53.32 2.44 0.00	48.93 2.24 0.00	45.12 2.07 0.00	44.79 2.01 0.00	48.39 2.30 0.00	54.79 2.56 0.00	56.18 2.62 0.00	57.20 3.14 0.00	60.04 3.24 0.00	59.57 3.53 0.00	65.55 4.00 0.00	72.77 4.89 0.00	78.80 6.77 0.00	81.12 8.24 -0.57	84.57 9.06 0.00	94.15 10.22 -1.49	104.02 11.11 -0.35	97.62 8.87 -0.06	83.82 6.85 0.00	77.70 5.15 0.00	68.22 3.68 0.00	60.69 2.84 0.00	53.17 2.68 0.00
WM_FLOYD_69_KV_BK2 356380	59.32 3.78 0.00	54.84 3.97 0.00	50.23 3.55 0.00	46.24 3.19 0.00	45.99 3.21 0.00	49.82 3.73 0.00	56.04 3.81 0.00	57.15 3.59 0.00	58.45 4.38 0.00	60.77 3.98 0.00	58.79 2.75 0.00	65.36 3.82 0.00	75.31 5.36 -2.06	126.53 7.42 -47.09	199.67 8.75 -118.61	222.32 9.36 -137.46	250.99 10.96 -157.58	254.11 12.03 -149.50	232.62 10.20 -133.73	227.38 8.16 -142.26	127.98 6.53 -48.89	118.11 4.58 -48.99	61.16 3.30 -0.01	54.96 3.03 -1.43
WOODARD___115KV_TB2 355635	54.82 -0.72 0.00	50.06 -0.81 0.00	45.80 -0.89 0.00	42.15 -0.90 0.00	41.88 -0.90 0.00	45.17 -0.92 0.00	51.29 -0.94 0.00	52.75 -0.80 0.00	53.26 -0.81 0.00	56.00 -0.80 0.00	55.37 -0.67 0.00	60.81 -0.74 0.00	67.28 -0.61 0.00	71.59 -0.43 0.00	72.09 -0.22 0.00	75.50 0.00 0.00	82.19 -0.25 0.00	92.66 0.09 0.00	88.87 0.18 0.00	77.27 0.31 0.00	72.48 -0.07 0.00	64.09 -0.45 0.00	57.28 -0.58 0.00	49.89 -0.61 0.00
WOODMERE_69_KV_BK1 55827	59.26 3.72 0.00	54.49 3.61 0.00	49.95 3.27 0.00	46.07 3.01 0.00	45.77 2.99 0.00	49.41 3.32 0.00	55.63 3.40 0.00	56.88 3.32 0.00	57.96 3.89 0.00	60.49 3.69 0.00	59.35 3.31 0.00	65.86 4.31 0.00	73.66 5.77 0.00	86.59 7.71 -6.86	87.29 8.89 -6.09	88.05 9.74 -2.81	103.35 11.05 -9.86	104.95 12.03 -0.35	98.95 10.20 -0.06	85.20 8.24 0.00	79.08 6.53 0.00	69.19 4.65 0.00	61.44 3.53 -0.05	53.58 3.08 0.00
YORK___WARBASSE 23770	57.76 2.22 0.00	53.11 2.24 0.00	49.07 2.38 0.00	45.25 2.20 0.00	44.96 2.18 0.00	48.49 2.40 0.00	54.42 2.19 0.00	55.65 2.09 0.00	56.61 2.54 0.00	59.30 2.50 0.00	59.18 3.14 0.00	64.49 2.95 0.01	71.48 3.60 0.01	77.28 5.26 0.01	79.31 6.44 -0.57	82.60 7.10 0.00	92.27 8.33 -1.51	101.91 8.98 -0.36	95.86 7.10 -0.07	85.30 5.54 -2.79	80.72 3.92 -4.25	70.51 2.71 -3.26	60.12 2.26 -0.01	53.27 2.78 0.00