

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									02/01/2025			
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
PTID		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
59TH STREET_GT_1		67.11	55.02	48.39	46.59	47.52	49.85	55.32	58.52	61.75	69.84	73.68	65.53	60.82	64.13	59.96	70.77	76.51	99.75	104.08	97.09	92.40	82.79	75.49	83.29			
24138		3.19	2.52	1.91	1.75	1.70	1.78	1.87	2.36	2.66	2.75	3.18	2.88	2.62	2.82	2.58	3.05	4.05	5.74	5.88	5.63	5.56	4.61	4.07	3.74			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-0.68	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		66.86	54.86	48.39	46.59	47.52	49.75	55.11	58.30	61.57	69.77	73.60	65.46	60.76	64.07	59.90	70.70	76.51	99.65	104.17	97.09	92.39	82.71	75.42	82.97			
24260		2.94	2.36	1.91	1.75	1.70	1.68	1.66	2.13	2.48	2.68	3.10	2.82	2.56	2.76	2.52	2.98	4.06	5.64	5.98	5.63	5.56	4.53	4.00	3.42			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-0.68	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		66.86	54.86	48.39	46.59	47.52	49.75	55.11	58.30	61.57	69.77	73.60	65.46	60.76	64.07	59.90	70.70	76.51	99.65	104.17	97.09	92.39	82.71	75.42	82.97			
24261		2.94	2.36	1.91	1.75	1.70	1.68	1.66	2.13	2.48	2.68	3.10	2.82	2.56	2.76	2.52	2.98	4.06	5.64	5.98	5.63	5.56	4.53	4.00	3.42			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-0.68	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		68.78	56.49	49.83	48.03	49.17	51.67	57.46	60.43	63.81	72.39	76.00	67.22	62.22	65.54	61.16	72.53	78.68	103.04	125.10	106.88	95.17	85.37	77.99	86.47			
24011		4.86	3.99	3.35	3.18	3.35	3.60	4.01	4.27	4.73	5.30	5.50	4.57	4.02	4.23	3.79	4.81	6.23	9.03	9.64	8.90	8.34	7.19	6.57	6.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.07	-7.20	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY		69.16	56.75	50.11	48.25	49.40	52.01	57.78	60.83	64.22	72.93	76.49	67.59	62.57	65.91	61.51	72.93	79.19	103.88	126.15	107.77	95.78	85.99	78.50	87.11			
23798		5.24	4.25	3.63	3.41	3.58	3.94	4.33	4.66	5.14	5.83	5.99	4.95	4.37	4.60	4.13	5.21	6.74	9.87	10.51	9.72	8.95	7.82	7.07	7.56			
		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	-19.24	-7.27	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS		68.78	56.49	49.83	48.03	49.17	51.67	57.46	60.43	63.81	72.39	76.00	67.22	62.22	65.54	61.16	72.53	78.68	103.04	125.10	106.88	95.17	85.37	77.99	86.47			
24028		4.86	3.99	3.35	3.18	3.35	3.60	4.01	4.27	4.73	5.30	5.50	4.57	4.02	4.23	3.79	4.81	6.23	9.03	9.64	8.90	8.34	7.19	6.57	6.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.07	-7.20	0.00	0.00	0.00	0.00			
ADK_NYS___DAM		67.75	55.54	49.08	47.26	48.30	50.66	56.23	59.25	62.39	70.71	74.52	66.15	61.40	64.74	60.47	71.37	77.09	100.50	116.50	102.18	92.91	83.34	76.06	84.32			
23527		3.83	3.04	2.60	2.42	2.47	2.59	2.78	3.09	3.31	3.62	4.02	3.51	3.20	3.43	3.10	3.65	4.64	6.48	6.75	6.35	6.08	5.16	4.64	4.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.35	-5.05	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP		65.77	54.02	47.69	45.97	46.97	49.22	54.52	57.29	60.38	68.37	72.19	64.21	59.54	62.78	58.64	68.74	74.04	96.18	108.38	96.50	88.92	80.05	73.35	81.62			
24190		1.85	1.52	1.21	1.12	1.15	1.15	1.07	1.12	1.30	1.27	1.69	1.57	1.34	1.47	1.26	1.02	1.59	2.16	2.12	2.00	2.08	1.88	1.93	2.07			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.86	-3.72	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK		65.00	53.60	47.46	45.74	46.69	49.03	54.57	57.35	60.21	68.37	71.63	63.58	59.25	62.17	58.35	68.67	72.60	93.45	95.63	90.42	86.57	78.65	71.85	80.50			
355683		1.09	1.10	0.98	0.90	0.87	0.96	1.12	1.18	1.12	1.27	1.13	0.94	1.05	0.86	0.98	0.95	0.14	-0.56	-0.77	-0.36	-0.26	0.47	0.43	0.95			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		68.07	55.91	49.36	47.54	48.67	51.05	56.55	59.09	62.10	69.97	73.53	65.21	60.41	63.70	59.56	70.36	76.51	100.04	110.26	99.43	92.56	83.18	76.21	85.11			
323833		4.15	3.41	2.88	2.69	2.84	2.98	3.10	2.92	3.01	2.88	3.03	2.57	2.21	2.39	2.18	2.64	4.05	6.02	5.88	5.63	5.73	5.01	4.79	5.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.98	-3.02	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		68.07	55.91	49.36	47.54	48.62	51.05	56.55	59.09	62.10	69.97	73.53	65.21	60.36	63.70	59.56	70.36	76.51	99.94	110.26	99.34	92.47	83.10	76.21	85.11			
323834		4.15	3.41	2.88	2.69	2.80	2.98	3.10	2.92	3.01	2.88	3.03	2.57	2.15	2.39	2.18	2.64	4.05	5.93	5.88	5.54	5.64	4.93	4.79	5.57			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.98	-3.02	0.00	0.00	0.00	0.00			
ALBANY___1		65.77	54.02	47.69	45.97	46.97	49.22	54.52	57.29	60.38	68.37	72.19	64.21	59.54	62.78	58.64	68.74	74.04	96.18	108.38	96.50	88.92	80.05	73.35	81.62			
23571		1.85	1.52	1.21	1.12	1.15	1.15	1.07	1.12	1.30	1.27	1.69	1.57	1.34	1.47	1.26	1.02	1.59	2.16	2.12	2.00	2.08	1.88	1.93	2.07			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.86	-3.72	0.00	0.00	0.00	0.00			

ALBANY___2 23572	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.37 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.04 1.59 0.00	96.18 2.16 0.00	108.38 2.12 -9.86	96.50 2.00 -3.72	88.92 2.08 0.00	80.05 1.88 0.00	73.35 1.93 0.00	81.62 2.07 0.00
ALBANY___3 23573	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.37 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.04 1.59 0.00	96.18 2.16 0.00	108.38 2.12 -9.86	96.50 2.00 -3.72	88.92 2.08 0.00	80.05 1.88 0.00	73.35 1.93 0.00	81.62 2.07 0.00
ALBANY___4 23574	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.37 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.04 1.59 0.00	96.18 2.16 0.00	108.38 2.12 -9.86	96.50 2.00 -3.72	88.92 2.08 0.00	80.05 1.88 0.00	73.35 1.93 0.00	81.62 2.07 0.00
ALBANY___LFGE 323615	66.22 2.30 0.00	54.39 1.89 0.00	48.01 1.53 0.00	46.28 1.43 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.94 1.49 0.00	57.74 1.57 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.06 0.00	59.95 1.74 0.00	63.27 1.96 0.00	59.09 1.72 0.00	69.34 1.62 0.00	74.84 2.39 0.00	97.30 3.29 0.00	112.23 3.28 -12.55	98.61 3.09 -4.74	89.96 3.12 0.00	80.84 2.66 0.00	74.07 2.64 0.00	82.33 2.78 0.00
ALCOA_PA_115KV_PL-6C 55860	65.32 1.41 0.00	54.07 1.57 0.00	47.83 1.35 0.00	46.15 1.30 0.00	47.06 1.24 0.00	49.41 1.35 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.50 1.42 0.00	68.63 1.54 0.00	71.91 1.41 0.00	63.83 1.19 0.00	59.66 1.46 0.00	62.41 1.10 0.00	58.81 1.43 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.73 -0.28 0.00	95.82 -0.58 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	78.96 0.78 0.00	72.21 0.79 0.00	80.98 1.43 0.00
ALCOA_RYNLDS___DRP 24188	65.32 1.41 0.00	54.07 1.57 0.00	47.83 1.35 0.00	46.15 1.30 0.00	47.06 1.24 0.00	49.41 1.35 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.50 1.42 0.00	68.63 1.54 0.00	71.91 1.41 0.00	63.83 1.19 0.00	59.66 1.46 0.00	62.41 1.10 0.00	58.81 1.43 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.73 -0.28 0.00	95.82 -0.58 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	78.96 0.78 0.00	72.21 0.79 0.00	80.98 1.43 0.00
ALCOA___DSASP 323711	65.32 1.40 0.00	54.02 1.52 0.00	47.83 1.35 0.00	46.15 1.30 0.00	47.06 1.24 0.00	49.41 1.34 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.50 1.42 0.00	68.64 1.54 0.00	71.91 1.41 0.00	63.83 1.19 0.00	59.66 1.46 0.00	62.41 1.10 0.00	58.81 1.43 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.64 -0.37 0.00	95.82 -0.57 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	78.96 0.78 0.00	72.21 0.79 0.00	80.98 1.43 0.00
ALLEGHENY___COGEN 23514	60.66 -3.26 0.00	49.82 -2.68 0.00	44.81 -1.67 0.00	43.50 -1.34 0.00	44.54 -1.28 0.00	46.63 -1.44 0.00	52.59 -0.86 0.00	54.54 -1.63 0.00	56.90 -2.18 0.00	64.74 -2.35 0.00	67.33 -3.17 0.00	60.02 -2.63 0.00	55.64 -2.56 0.00	58.98 -2.33 0.00	55.25 -2.12 0.00	65.96 -1.76 0.00	71.58 -0.87 0.00	93.45 -0.56 0.00	96.01 -0.38 0.00	89.60 -1.18 0.00	84.84 -1.99 0.00	75.52 -2.66 0.00	69.64 -1.78 0.00	77.56 -1.99 0.00
ALTAMONT_115KV_TB 2 55880	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.62 1.18 0.00	57.46 1.29 0.00	60.56 1.48 0.00	68.63 1.54 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.69 1.32 0.00	69.21 1.49 0.00	74.62 2.17 0.00	97.12 3.10 0.00	107.16 3.18 -7.58	96.64 3.00 -2.86	89.70 2.87 0.00	80.60 2.42 0.00	73.71 2.29 0.00	81.85 2.31 0.00
ALTONA_WT_PWR 323606	65.96 2.04 0.00	54.39 1.89 0.00	48.20 1.72 0.00	46.50 1.66 0.00	47.47 1.65 0.00	49.85 1.78 0.00	55.11 1.66 0.00	57.91 1.74 0.00	60.92 1.83 0.00	69.10 2.01 0.00	72.33 1.83 0.00	64.09 1.44 0.00	59.48 1.28 0.00	62.35 1.04 0.00	58.52 1.15 0.00	68.87 1.15 0.00	72.96 0.51 0.00	93.45 -0.56 0.00	95.62 -0.77 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	79.04 0.86 0.00	72.21 0.79 0.00	80.98 1.43 0.00
AMERICAN_REF_FUEL 24010	56.38 -7.54 0.00	46.72 -5.77 0.00	42.16 -4.32 0.00	41.26 -3.59 0.00	42.25 -3.57 0.00	43.98 -4.09 0.00	49.49 -3.95 0.00	50.38 -5.78 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.67 -7.83 0.00	56.07 -6.58 0.00	52.27 -5.94 0.00	55.85 -5.46 0.00	52.27 -5.11 0.00	61.90 -5.82 0.00	66.07 -6.38 0.00	84.70 -9.31 0.00	86.56 -9.83 0.00	80.70 -10.08 0.00	76.15 -10.68 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.52 -8.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	58.61 -5.30 0.00	48.51 -3.99 0.00	43.69 -2.79 0.00	42.69 -2.15 0.00	43.76 -2.06 0.00	45.76 -2.31 0.00	51.74 -1.71 0.00	53.02 -3.14 0.00	55.42 -3.66 0.00	64.01 -3.09 0.00	66.62 -3.88 0.00	59.70 -2.94 0.00	55.64 -2.56 0.00	59.34 -1.96 0.00	55.66 -1.72 0.00	66.03 -1.69 0.00	70.57 -1.88 0.00	90.72 -3.29 0.00	92.64 -3.76 0.00	86.34 -4.45 0.00	81.37 -5.47 0.00	71.92 -6.26 0.00	66.71 -4.72 0.00	75.57 -3.98 0.00
ARTHUR KILL_GT_1 23520	65.90 1.98 0.00	54.18 1.68 0.00	51.45 1.91 -3.06	51.42 1.70 -4.88	51.48 1.70 -3.96	51.41 1.68 -1.66	54.25 0.80 0.00	57.51 1.35 0.00	60.80 1.71 0.00	69.04 1.95 0.00	72.82 2.32 0.00	54.29 2.13 10.48	55.08 1.98 5.11	63.45 2.14 0.00	59.33 1.95 0.00	54.97 2.10 14.86	86.64 3.26 -10.92	112.32 4.89 -13.42	121.99 5.20 -20.39	110.13 4.90 -14.44	110.20 4.86 -18.51	97.68 3.91 -15.59	81.72 3.29 -7.01	81.86 2.31 0.00
ARTHUR_KILL_2 23512	65.77 1.85 0.00	54.02 1.52 0.00	51.30 1.77 -3.06	51.33 1.61 -4.88	51.34 1.56 -3.96	51.27 1.54 -1.66	54.09 0.64 0.00	57.35 1.18 0.00	60.62 1.53 0.00	68.83 1.74 0.00	72.61 2.11 0.00	54.17 2.00 10.48	54.90 1.81 5.11	63.27 1.96 0.00	59.16 1.78 0.00	54.76 1.89 14.86	86.42 3.04 -10.92	111.95 4.51 -13.42	121.61 4.82 -20.39	109.86 4.63 -14.44	109.94 4.60 -18.51	97.45 3.68 -15.59	81.50 3.07 -7.01	81.61 2.06 0.00
ARTHUR_KILL_3 23513	64.21 2.24 1.94	54.22 1.73 0.01	50.94 1.39 -3.07	50.94 1.21 -4.88	50.94 1.15 -3.97	50.94 1.20 -1.67	54.22 1.01 0.24	55.95 1.46 1.67	55.95 1.77 4.91	55.22 1.88 13.75	54.22 2.26 18.54	54.22 2.06 10.49	54.95 1.86 5.11	54.95 2.02 8.38	54.95 1.84 4.26	54.96 2.10 14.86	54.22 3.11 21.34	56.70 4.61 41.92	61.70 4.72 39.42	55.33 4.54 39.99	57.70 4.51 33.65	55.22 3.68 26.63	53.71 3.14 20.85	54.73 2.54 27.36

ARTHUR_KILL_COGEN 323718	65.90 1.98 0.00	54.18 1.68 0.00	51.45 1.91 -3.06	51.42 1.70 -4.88	51.48 1.70 -3.96	51.41 1.68 -1.66	54.25 0.80 0.00	57.51 1.35 0.00	60.80 1.71 0.00	69.04 1.95 0.00	72.82 2.32 0.00	54.29 2.13 10.48	55.08 1.98 5.11	63.45 2.14 0.00	59.33 1.95 0.00	54.97 2.10 14.86	86.64 3.26 -10.92	112.32 4.89 -13.42	121.99 5.20 -20.39	110.13 4.90 -14.44	110.20 4.86 -18.51	97.68 3.91 -15.59	81.72 3.29 -7.01	81.86 2.31 0.00
ASHOKAN____ 23654	67.43 3.51 0.00	55.17 2.68 0.00	48.67 2.19 0.00	46.82 1.97 0.00	47.98 2.15 0.00	50.28 2.21 0.00	55.75 2.30 0.00	58.30 2.13 0.00	61.51 2.42 0.00	69.17 2.08 0.00	72.90 2.40 0.00	64.46 1.82 0.00	59.77 1.57 0.00	62.96 1.66 0.00	58.98 1.60 0.00	69.82 2.10 0.00	76.00 3.55 0.00	100.12 6.11 0.00	105.43 3.28 -5.76	96.05 3.09 -2.17	92.56 5.73 0.00	83.10 4.93 0.00	75.78 4.36 0.00	84.40 4.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	66.02 2.11 0.01	54.12 1.63 0.01	48.00 1.53 0.01	46.18 1.34 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.35 0.91 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.89 2.40 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.50 2.20 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.71 3.26 0.01	98.95 4.79 -0.15	103.32 5.01 -1.91	96.26 4.81 -0.67	91.62 4.69 -0.10	82.00 3.83 0.01	74.70 3.29 0.01	81.92 2.38 0.01
ASTORIA_EAST_ENERGY_CC2 323582	66.02 2.11 0.01	54.12 1.63 0.01	48.00 1.53 0.01	46.18 1.34 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.35 0.91 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.89 2.40 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.50 2.20 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.71 3.26 0.01	98.95 4.79 -0.15	103.32 5.01 -1.91	96.26 4.81 -0.67	91.62 4.69 -0.10	82.00 3.83 0.01	74.70 3.29 0.01	81.92 2.38 0.01
ASTORIA_GT2_1 24094	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT2_2 24095	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT2_3 24096	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT2_4 24097	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT3_1 24098	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT3_2 24099	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT3_3 24100	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT3_4 24101	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT4_1 24102	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT4_2 24103	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT4_3 24104	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00

ASTORIA_GT4_4 24105	66.09 2.17 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.41 0.96 0.00	57.68 1.52 0.00	60.86 1.77 0.00	69.10 2.01 0.00	72.97 2.47 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.02 2.30 0.00	75.78 3.33 0.00	98.87 4.70 -0.15	103.43 5.11 -1.92	96.28 4.81 -0.68	91.71 4.78 -0.10	82.09 3.91 0.00	74.78 3.36 0.00	81.93 2.39 0.00
ASTORIA_GT_1 23523	66.21 2.30 0.01	54.22 1.73 0.01	48.10 1.63 0.01	46.27 1.43 0.01	47.19 1.37 0.01	49.50 1.44 0.01	54.51 1.07 0.01	57.68 1.52 0.01	60.97 1.89 0.01	69.23 2.15 0.01	73.10 2.61 0.01	65.08 2.44 0.01	60.41 2.21 0.01	63.69 2.39 0.01	59.55 2.18 0.01	70.15 2.43 0.01	75.92 3.48 0.01	99.14 4.98 -0.15	103.61 5.30 -1.91	96.45 4.99 -0.67	91.88 4.95 -0.10	82.23 4.06 0.01	74.91 3.50 0.01	82.08 2.54 0.01
ASTORIA_GT_10 24110	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.17 2.63 0.00
ASTORIA_GT_11 24225	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.17 2.63 0.00
ASTORIA_GT_12 24226	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.17 2.63 0.00
ASTORIA_GT_13 24227	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.17 2.63 0.00
ASTORIA_GT_5 24106	66.22 2.30 0.00	54.34 1.84 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.52 1.07 0.00	57.74 1.57 0.00	60.98 1.89 0.00	69.24 2.15 0.00	73.11 2.61 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.16 2.44 0.00	75.93 3.48 0.00	99.06 4.89 -0.15	103.62 5.30 -1.92	96.46 4.99 -0.68	91.89 4.95 -0.10	82.24 4.07 0.00	74.92 3.50 0.00	82.09 2.55 0.00
ASTORIA_GT_7 24107	66.22 2.30 0.00	54.34 1.84 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.52 1.07 0.00	57.74 1.57 0.00	60.98 1.89 0.00	69.24 2.15 0.00	73.11 2.61 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.16 2.44 0.00	75.93 3.48 0.00	99.06 4.89 -0.15	103.62 5.30 -1.92	96.46 4.99 -0.68	91.89 4.95 -0.10	82.24 4.07 0.00	74.92 3.50 0.00	82.09 2.55 0.00
ASTORIA_GT_8 24108	66.22 2.30 0.00	54.34 1.84 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.52 1.07 0.00	57.74 1.57 0.00	60.98 1.89 0.00	69.24 2.15 0.00	73.11 2.61 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.16 2.44 0.00	75.93 3.48 0.00	99.06 4.89 -0.15	103.62 5.30 -1.92	96.46 4.99 -0.68	91.89 4.95 -0.10	82.24 4.07 0.00	74.92 3.50 0.00	82.09 2.55 0.00
ASTORIA___2 24149	66.08 2.17 0.01	54.17 1.68 0.01	48.00 1.53 0.01	46.23 1.39 0.01	47.15 1.33 0.01	49.45 1.39 0.01	54.40 0.96 0.01	57.62 1.46 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.96 2.47 0.01	64.96 2.32 0.01	60.29 2.09 0.01	63.57 2.27 0.01	59.43 2.06 0.01	70.02 2.30 0.01	75.78 3.33 0.01	98.95 4.79 -0.15	103.41 5.11 -1.91	96.26 4.81 -0.67	91.70 4.77 -0.10	82.08 3.91 0.01	74.77 3.36 0.01	82.01 2.47 0.01
ASTORIA___3 23516	66.28 2.37 0.00	54.39 1.89 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.62 1.17 0.00	57.80 1.63 0.00	61.03 1.95 0.00	69.30 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.09 5.07 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.71 0.00
ASTORIA___4 23517	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.17 2.63 0.00
ASTORIA___5 23518	66.28 2.37 0.00	54.39 1.89 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.62 1.17 0.00	57.80 1.63 0.00	61.03 1.95 0.00	69.30 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.09 5.07 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.71 0.00
AST_ENERGY_2_CC3 323677	66.48 2.56 0.00	54.49 1.99 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.20 1.37 0.00	49.51 1.44 0.00	54.73 1.28 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.24 2.15 0.00	73.04 2.53 0.00	64.96 2.32 0.00	60.29 2.09 0.00	63.58 2.27 0.00	59.44 2.06 0.00	70.09 2.37 0.00	75.86 3.41 0.00	98.90 4.89 0.00	103.30 5.11 -1.80	96.36 4.90 -0.68	91.69 4.86 0.00	82.16 3.98 0.00	74.92 3.50 0.00	82.49 2.94 0.00
AST_ENERGY_2_CC4 323678	66.48 2.56 0.00	54.49 1.99 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.20 1.37 0.00	49.51 1.44 0.00	54.73 1.28 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.24 2.15 0.00	73.04 2.53 0.00	64.96 2.32 0.00	60.29 2.09 0.00	63.58 2.27 0.00	59.44 2.06 0.00	70.09 2.37 0.00	75.86 3.41 0.00	98.90 4.89 0.00	103.30 5.11 -1.80	96.36 4.90 -0.68	91.69 4.86 0.00	82.16 3.98 0.00	74.92 3.50 0.00	82.49 2.94 0.00

ATHENS_STG_1 23668	65.90 1.98 0.00	54.02 1.52 0.00	47.74 1.26 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.57 1.12 0.00	57.51 1.35 0.00	60.62 1.53 0.00	68.70 1.61 0.00	72.41 1.90 0.00	64.34 1.69 0.00	59.71 1.51 0.00	62.96 1.66 0.00	58.86 1.49 0.00	69.41 1.69 0.00	74.84 2.39 0.00	97.49 3.48 0.00	101.44 3.66 -1.38	94.75 3.45 -0.52	90.22 3.38 0.00	80.99 2.81 0.00	73.92 2.50 0.00	81.86 2.31 0.00
ATHENS_STG_2 23670	65.90 1.98 0.00	54.02 1.52 0.00	47.74 1.26 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.57 1.12 0.00	57.51 1.35 0.00	60.62 1.53 0.00	68.70 1.61 0.00	72.41 1.90 0.00	64.34 1.69 0.00	59.71 1.51 0.00	62.96 1.66 0.00	58.86 1.49 0.00	69.41 1.69 0.00	74.84 2.39 0.00	97.49 3.48 0.00	101.44 3.66 -1.38	94.75 3.45 -0.52	90.22 3.38 0.00	80.99 2.81 0.00	73.92 2.50 0.00	81.86 2.31 0.00
ATHENS_STG_3 23677	65.90 1.98 0.00	54.02 1.52 0.00	47.74 1.26 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.57 1.12 0.00	57.51 1.35 0.00	60.62 1.53 0.00	68.70 1.61 0.00	72.41 1.90 0.00	64.34 1.69 0.00	59.71 1.51 0.00	62.96 1.66 0.00	58.86 1.49 0.00	69.41 1.69 0.00	74.84 2.39 0.00	97.49 3.48 0.00	101.44 3.66 -1.38	94.75 3.45 -0.52	90.22 3.38 0.00	80.99 2.81 0.00	73.92 2.50 0.00	81.86 2.31 0.00
AUBURN___LFGE 323710	62.58 -1.34 0.00	51.29 -1.21 0.00	45.69 -0.79 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.49 -0.58 0.00	52.97 -0.48 0.00	55.44 -0.73 0.00	58.26 -0.83 0.00	66.42 -0.67 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.70 -0.61 0.00	56.74 -0.63 0.00	67.18 -0.54 0.00	72.23 -0.22 0.00	94.11 0.09 0.00	96.69 0.29 0.00	90.69 -0.09 0.00	86.49 -0.35 0.00	77.40 -0.78 0.00	70.85 -0.57 0.00	78.83 -0.72 0.00
BABYLON_RES_REC 323704	70.19 4.35 -1.92	62.34 3.36 -6.48	65.02 2.84 -15.70	61.19 2.60 -13.75	61.71 2.61 -13.28	61.79 2.74 -10.99	70.77 2.83 -14.49	86.63 3.26 -27.21	86.21 3.60 -23.52	78.51 3.89 -7.53	77.60 4.30 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.05 3.74 0.00	60.82 3.44 0.00	75.39 3.59 -4.08	91.53 4.57 -14.51	112.47 6.30 -12.16	104.27 6.36 -1.51	102.75 6.08 -5.88	97.22 5.91 -4.48	91.29 5.16 -7.96	80.54 4.58 -4.54	83.52 3.98 0.00
BABYLON___69_KV_BK2 356345	70.89 5.05 -1.92	63.02 4.04 -6.48	65.53 3.35 -15.70	61.73 3.14 -13.75	62.22 3.12 -13.28	62.27 3.22 -10.99	71.41 3.47 -14.49	87.36 3.99 -27.21	86.91 4.31 -23.52	79.32 4.70 -7.53	78.45 5.15 -2.80	75.57 4.64 -8.29	62.28 4.07 0.00	65.78 4.48 0.00	61.51 4.13 0.00	76.74 4.94 -4.08	93.12 6.16 -14.51	114.81 8.65 -12.15	106.87 8.97 -1.51	104.93 8.26 -5.88	99.29 7.99 -4.47	92.86 6.72 -7.96	81.96 6.00 -4.54	84.80 5.25 0.00
BALL_HILL_WT_PWR 323825	58.42 -5.50 0.00	48.35 -4.15 0.00	43.55 -2.93 0.00	42.56 -2.29 0.00	43.58 -2.24 0.00	45.47 -2.60 0.00	51.26 -2.19 0.00	52.40 -3.76 0.00	54.59 -4.49 0.00	62.93 -4.16 0.00	65.50 -5.00 0.00	58.63 -4.01 0.00	54.59 -3.61 0.00	58.24 -3.06 0.00	54.62 -2.75 0.00	64.74 -2.98 0.00	69.19 -3.26 0.00	88.94 -5.08 0.00	90.80 -5.59 0.00	84.70 -6.08 0.00	79.97 -6.86 0.00	70.83 -7.35 0.00	65.78 -5.64 0.00	74.54 -5.01 0.00
BARON_WINDS___WT_PWR 323822	59.96 -3.96 0.00	49.40 -3.10 0.00	44.34 -2.14 0.00	43.05 -1.80 0.00	44.04 -1.79 0.00	46.05 -2.02 0.00	51.79 -1.66 0.00	53.58 -2.58 0.00	56.01 -3.07 0.00	64.01 -3.09 0.00	66.91 -3.59 0.00	59.70 -2.94 0.00	55.58 -2.62 0.00	58.92 -2.39 0.00	55.25 -2.12 0.00	65.62 -2.10 0.00	70.64 -1.81 0.00	91.67 -2.35 0.00	94.30 -2.60 -0.50	87.98 -2.99 -0.19	83.27 -3.56 0.00	74.11 -4.07 0.00	68.35 -3.07 0.00	76.76 -2.79 0.00
BARRETT_IC_1 23704	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_10 23701	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.86 3.91 -14.50	96.39 5.36 2.98	91.63 5.40 10.16	101.91 5.26 -5.87	90.08 5.47 2.23	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_11 23702	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.86 3.91 -14.50	96.39 5.36 2.98	91.63 5.40 10.16	101.91 5.26 -5.87	90.08 5.47 2.23	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_12 23703	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.86 3.91 -14.50	96.39 5.36 2.98	91.63 5.40 10.16	101.91 5.26 -5.87	90.08 5.47 2.23	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_2 23705	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_3 23706	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_4 23707	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00

BARRETT_IC_5 23708	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_6 23709	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_7 23710	69.10 3.26 -1.92	61.65 2.68 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	60.97 1.92 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.01 2.70 0.00	59.79 2.41 0.00	74.78 2.98 -4.08	90.95 3.98 -14.52	111.85 5.26 -12.57	103.82 5.59 -1.83	101.93 5.27 -5.88	97.35 5.21 -5.30	90.75 4.61 -7.96	80.04 4.07 -4.54	82.97 3.42 0.00
BARRETT_IC_8 23711	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	111.94 5.36 -12.57	103.62 5.40 -1.83	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT_IC_9 23700	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.86 3.91 -14.50	96.39 5.36 2.98	91.63 5.40 10.16	101.91 5.26 -5.87	90.08 5.47 2.23	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT___1 23545	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.88 3.91 -14.52	112.06 5.36 -12.69	103.72 5.40 -1.92	101.93 5.26 -5.88	97.61 5.47 -5.30	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BARRETT___2 23546	69.10 3.26 -1.92	61.60 2.62 -6.48	64.27 2.09 -15.70	60.56 1.97 -13.75	61.07 1.97 -13.28	61.07 2.02 -10.99	69.81 1.87 -14.49	85.68 2.30 -27.21	85.14 2.54 -23.52	77.37 2.75 -7.53	76.40 3.10 -2.80	73.76 2.82 -8.29	60.65 2.44 0.00	64.00 2.69 0.00	59.78 2.41 0.00	74.71 2.91 -4.08	90.86 3.91 -14.50	96.39 5.36 2.98	91.63 5.40 10.16	101.91 5.26 -5.87	90.08 5.47 2.23	90.75 4.61 -7.96	80.03 4.07 -4.54	83.13 3.58 0.00
BATAVIA___115KV_TB1 55881	59.32 -4.60 0.00	48.67 -3.83 0.00	44.16 -2.32 0.00	43.10 -1.75 0.00	44.13 -1.70 0.00	46.38 -1.68 0.00	51.85 -1.60 0.00	52.96 -3.20 0.00	55.36 -3.72 0.00	63.60 -3.49 0.00	66.13 -4.37 0.00	59.07 -3.57 0.00	55.06 -3.14 0.00	58.67 -2.64 0.00	54.79 -2.58 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.16 -3.85 0.00	92.06 -4.34 0.00	85.97 -4.81 0.00	81.19 -5.64 0.00	72.00 -6.18 0.00	66.92 -4.50 0.00	75.65 -3.90 0.00
BAYONEEC___CTG1 323682	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG10 323750	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG2 323683	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG3 323684	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG4 323685	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG5 323686	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG6 323687	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32

BAYONEEC___CTG7 323688	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG8 323689	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BAYONEEC___CTG9 323749	66.47 2.56 0.00	54.49 1.99 0.00	48.06 1.63 0.05	46.20 1.43 0.08	47.18 1.42 0.06	49.53 1.49 0.02	54.68 1.34 0.11	57.16 1.74 0.75	58.95 2.07 2.20	63.12 2.21 6.18	64.78 2.61 8.33	60.31 2.38 4.71	58.06 2.15 2.30	59.87 2.33 3.77	57.58 2.12 1.92	63.47 2.43 6.68	61.17 3.41 14.69	73.89 4.98 25.10	76.11 5.11 25.40	71.66 4.90 24.02	67.94 4.86 23.75	62.92 3.98 19.24	62.28 3.50 12.64	67.17 2.94 15.32
BEACON___LESR 323632	66.80 2.88 0.00	54.81 2.31 0.00	48.39 1.91 0.00	46.64 1.80 0.00	47.66 1.83 0.00	50.04 1.97 0.00	55.43 1.98 0.00	58.25 2.08 0.00	61.45 2.37 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.21 2.57 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.50 2.12 0.00	69.89 2.17 0.00	75.49 3.04 0.00	98.34 4.33 0.00	111.09 4.44 -10.25	98.84 4.18 -3.87	90.92 4.08 0.00	81.70 3.52 0.00	74.85 3.43 0.00	83.29 3.74 0.00
BEAVER RIVER___HYD 24048	64.75 0.83 0.00	53.08 0.58 0.00	46.95 0.46 0.00	45.38 0.54 0.00	46.42 0.59 0.00	48.79 0.72 0.00	54.41 0.96 0.00	57.35 1.18 0.00	60.20 1.12 0.00	68.50 1.41 0.00	71.91 1.41 0.00	64.09 1.44 0.00	59.66 1.46 0.00	62.66 1.35 0.00	58.75 1.37 0.00	69.48 1.76 0.00	74.41 1.96 0.00	97.02 3.01 0.00	99.29 2.89 0.00	93.69 2.90 0.00	89.18 2.35 0.00	80.75 2.58 0.00	73.92 2.50 0.00	82.41 2.86 0.00
BEEBEE_GT_13 23619	60.34 -3.58 0.00	49.51 -2.99 0.00	44.57 -1.91 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.53 -1.54 0.00	51.95 -1.50 0.00	53.64 -2.53 0.00	56.19 -2.90 0.00	64.34 -2.75 0.00	67.26 -3.24 0.00	60.01 -2.63 0.00	55.87 -2.33 0.00	59.22 -2.08 0.00	55.31 -2.07 0.00	65.55 -2.17 0.00	70.28 -2.17 0.00	91.01 -3.01 0.00	93.12 -3.28 0.00	87.15 -3.63 0.00	82.67 -4.17 0.00	73.72 -4.46 0.00	68.07 -3.36 0.00	76.45 -3.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	66.67 2.75 0.00	54.91 2.41 0.00	51.68 2.14 -3.06	51.65 1.93 -4.88	51.66 1.88 -3.96	51.60 1.87 -1.66	54.89 1.44 0.00	58.19 2.02 0.00	61.51 2.42 0.00	69.84 2.75 0.00	73.67 3.17 0.00	65.59 2.94 0.00	60.88 2.68 0.00	64.25 2.94 0.00	60.01 2.64 0.00	70.70 2.98 -10.92	87.58 4.20 -13.42	113.26 5.83 -20.39	123.06 6.27 -14.44	111.13 5.90 -18.51	111.16 5.82 -15.59	98.54 4.77 -7.01	82.58 4.14 0.00	82.81 3.26 0.00
BETHLEHEM___GRP 23843	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.37 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.04 1.59 0.00	96.18 2.16 0.00	108.38 2.12 -9.86	96.50 2.00 -3.72	88.92 2.08 0.00	80.05 1.88 0.00	73.35 1.93 0.00	81.62 2.07 0.00
BETHLEHEM___GS1 323560	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.27 1.20 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.36 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.12 1.67 0.00	96.18 2.16 0.00	108.37 2.12 -9.86	96.50 1.99 -3.72	88.91 2.08 0.00	80.05 1.87 0.00	73.35 1.93 0.00	81.61 2.06 0.00
BETHLEHEM___GS2 323561	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.27 1.20 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.36 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.12 1.67 0.00	96.18 2.16 0.00	108.37 2.12 -9.86	96.50 1.99 -3.72	88.91 2.08 0.00	80.05 1.87 0.00	73.35 1.93 0.00	81.61 2.06 0.00
BETHLEHEM___GS3 323562	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.97 1.12 0.00	46.97 1.15 0.00	49.27 1.20 0.00	54.52 1.07 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.36 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.74 1.02 0.00	74.12 1.67 0.00	96.18 2.16 0.00	108.37 2.12 -9.86	96.50 1.99 -3.72	88.91 2.08 0.00	80.05 1.87 0.00	73.35 1.93 0.00	81.61 2.06 0.00
BETHLEHEM___STEEL 23779	58.23 -5.69 0.00	47.98 -4.51 0.00	43.51 -2.97 0.00	42.51 -2.33 0.00	43.49 -2.34 0.00	45.66 -2.40 0.00	51.04 -2.41 0.00	52.01 -4.16 0.00	54.30 -4.79 0.00	62.46 -4.63 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.22 -3.16 0.00	64.27 -3.45 0.00	68.61 -3.84 0.00	88.19 -5.83 0.00	89.94 -6.46 0.00	83.97 -6.81 0.00	79.37 -7.47 0.00	70.28 -7.90 0.00	65.42 -6.00 0.00	74.46 -5.09 0.00
BETHLHEM_115KV_TB1 79974	65.77 1.85 0.00	54.02 1.52 0.00	47.69 1.21 0.00	45.92 1.08 0.00	46.97 1.15 0.00	49.22 1.15 0.00	54.52 1.07 0.00	57.35 1.18 0.00	60.38 1.30 0.00	68.37 1.27 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.64 1.26 0.00	68.80 1.08 0.00	74.19 1.74 0.00	96.36 2.35 0.00	107.94 2.22 -9.32	96.48 2.18 -3.52	89.09 2.26 0.00	80.13 1.95 0.00	73.35 1.93 0.00	81.62 2.07 0.00
BETHPAGE_CC_5 323564	69.61 3.77 -1.92	61.97 2.99 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.35 2.24 -13.28	61.41 2.35 -10.99	70.29 2.35 -14.49	86.18 2.81 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.32 3.38 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.36 2.98 0.00	75.39 3.59 -4.08	91.61 4.64 -14.51	112.80 6.58 -12.20	104.69 6.75 -1.55	103.02 6.35 -5.88	97.51 6.17 -4.51	91.37 5.24 -7.96	80.60 4.64 -4.54	83.68 4.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.36 -5.56 0.00	48.09 -4.41 0.00	43.60 -2.88 0.00	42.56 -2.29 0.00	43.58 -2.25 0.00	45.76 -2.31 0.00	51.15 -2.30 0.00	52.12 -4.04 0.00	54.48 -4.61 0.00	62.66 -4.43 0.00	65.28 -5.22 0.00	58.38 -4.26 0.00	54.42 -3.78 0.00	58.06 -3.25 0.00	54.39 -2.98 0.00	64.47 -3.25 0.00	68.90 -3.55 0.00	88.56 -5.45 0.00	90.23 -6.17 0.00	84.34 -6.45 0.00	79.63 -7.21 0.00	70.59 -7.58 0.00	65.64 -5.79 0.00	74.70 -4.85 0.00

BINGHAMTON___COGEN 23790	62.77 -1.15 0.00	51.50 -1.00 0.00	45.92 -0.56 0.00	44.40 -0.45 0.00	45.41 -0.41 0.00	47.63 -0.43 0.00	53.13 -0.32 0.00	55.55 -0.62 0.00	58.32 -0.77 0.00	66.42 -0.67 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.62 -0.58 0.00	60.82 -0.49 0.00	56.92 -0.46 0.00	67.38 -0.34 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	97.30 0.10 -0.81	91.00 -0.09 -0.30	86.40 -0.43 0.00	77.32 -0.86 0.00	70.85 -0.57 0.00	79.07 -0.48 0.00
BIXINCNT_115KV_LOAD 355685	58.87 -5.05 0.00	48.46 -4.04 0.00	43.88 -2.60 0.00	42.65 -2.20 0.00	43.67 -2.15 0.00	45.81 -2.26 0.00	51.52 -1.92 0.00	52.68 -3.48 0.00	55.13 -3.96 0.00	63.40 -3.69 0.00	66.06 -4.44 0.00	59.20 -3.45 0.00	55.23 -2.97 0.00	58.86 -2.45 0.00	55.20 -2.18 0.00	65.55 -2.17 0.00	69.99 -2.46 0.00	90.07 -3.95 0.00	91.77 -4.63 0.00	85.79 -4.99 0.00	81.10 -5.73 0.00	71.77 -6.41 0.00	66.50 -4.93 0.00	75.57 -3.98 0.00
BLACK RIVER___HYD 24047	65.00 1.09 0.00	53.23 0.73 0.00	47.08 0.60 0.00	45.56 0.72 0.00	46.60 0.78 0.00	48.98 0.91 0.00	54.68 1.23 0.00	57.57 1.40 0.00	60.56 1.48 0.00	68.90 1.81 0.00	72.33 1.83 0.00	64.27 1.63 0.00	59.71 1.51 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.89 2.17 0.00	75.13 2.68 0.00	98.34 4.33 0.00	100.74 4.34 0.00	94.96 4.18 0.00	90.22 3.38 0.00	81.46 3.28 0.00	74.49 3.07 0.00	83.04 3.50 0.00
BLACKRVR_115KV_TB2 79977	65.00 1.09 0.00	53.23 0.73 0.00	47.08 0.60 0.00	45.56 0.72 0.00	46.60 0.78 0.00	49.03 0.96 0.00	54.68 1.23 0.00	57.57 1.40 0.00	60.56 1.48 0.00	68.90 1.81 0.00	72.33 1.83 0.00	64.27 1.63 0.00	59.72 1.51 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.75 2.03 0.00	75.13 2.68 0.00	98.34 4.32 0.00	100.64 4.24 0.00	94.96 4.18 0.00	90.22 3.39 0.00	81.46 3.28 0.00	74.49 3.07 0.00	83.05 3.50 0.00
BLISS_WT_PWR 323608	58.80 -5.12 0.00	48.61 -3.88 0.00	43.78 -2.70 0.00	42.51 -2.33 0.00	43.58 -2.24 0.00	45.42 -2.64 0.00	51.42 -2.03 0.00	52.74 -3.43 0.00	55.06 -4.02 0.00	63.40 -3.69 0.00	66.06 -4.44 0.00	59.20 -3.45 0.00	55.29 -2.91 0.00	58.92 -2.39 0.00	55.31 -2.06 0.00	65.69 -2.03 0.00	70.13 -2.32 0.00	90.25 -3.76 0.00	92.06 -4.34 0.00	85.88 -4.90 0.00	81.19 -5.64 0.00	71.92 -6.26 0.00	66.56 -4.86 0.00	75.33 -4.22 0.00
BLUESTONE___WT_PWR 323821	66.35 2.43 0.00	54.18 1.68 0.00	47.97 1.49 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	55.43 1.98 0.00	58.25 2.08 0.00	61.39 2.30 0.00	70.04 2.95 0.00	73.53 3.03 0.00	65.15 2.51 0.00	60.36 2.15 0.00	63.70 2.39 0.00	59.56 2.18 0.00	71.10 3.38 0.00	77.02 4.57 0.00	101.07 7.05 -1.50	105.14 7.23 -0.57	98.25 6.90 0.00	92.82 5.99 0.00	83.34 5.16 0.00	76.28 4.86 0.00	84.88 5.33 0.00
BLUE_CIRC_CHEM_DRP 24182	67.82 3.90 0.00	55.70 3.20 0.00	49.22 2.74 0.00	47.40 2.56 0.00	48.48 2.66 0.00	50.85 2.79 0.00	56.34 2.89 0.00	58.92 2.75 0.00	61.92 2.84 0.00	69.84 2.75 0.00	73.46 2.96 0.00	65.15 2.51 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.29 2.57 0.00	76.29 3.84 0.00	99.56 5.55 0.00	109.86 5.49 -7.97	99.06 5.27 -3.01	92.13 5.30 0.00	82.87 4.69 0.00	75.92 4.50 0.00	84.80 5.25 0.00
BOC_GAS_DRP 24189	65.52 1.60 0.00	53.81 1.31 0.00	47.50 1.02 0.00	45.79 0.94 0.00	46.79 0.96 0.00	49.03 0.96 0.00	54.41 0.96 0.00	57.23 1.07 0.00	60.27 1.18 0.00	68.30 1.21 0.00	71.98 1.48 0.00	63.96 1.32 0.00	59.37 1.16 0.00	62.60 1.29 0.00	58.52 1.15 0.00	68.94 1.22 0.00	74.26 1.81 0.00	96.46 2.44 0.00	105.25 2.51 -6.35	95.54 2.36 -2.40	89.27 2.43 0.00	80.21 2.03 0.00	73.35 1.93 0.00	81.38 1.83 0.00
BOONVILLE_115KV_TB1 79983	65.13 1.21 0.00	53.34 0.84 0.00	47.22 0.74 0.00	45.65 0.81 0.00	46.69 0.87 0.00	49.03 0.96 0.00	54.62 1.18 0.00	57.51 1.35 0.00	60.56 1.48 0.00	68.90 1.81 0.00	72.33 1.83 0.00	64.40 1.75 0.00	59.77 1.57 0.00	62.96 1.66 0.00	58.92 1.55 0.00	69.75 2.03 0.00	74.91 2.46 0.00	97.68 3.67 0.00	100.06 3.66 0.00	94.32 3.54 0.00	89.87 3.04 0.00	80.99 2.81 0.00	74.07 2.64 0.00	82.41 2.86 0.00
BORALEX_4TH_BRANCH 23824	67.75 3.84 0.00	55.60 3.10 0.00	49.08 2.60 0.00	47.27 2.42 0.00	48.30 2.47 0.00	50.66 2.60 0.00	56.23 2.78 0.00	59.26 3.09 0.00	62.39 3.31 0.00	70.71 3.62 0.00	74.52 4.02 0.00	66.15 3.51 0.00	61.40 3.20 0.00	64.74 3.43 0.00	60.47 3.10 0.00	71.44 3.72 0.00	77.09 4.64 0.00	100.50 6.49 -13.35	116.50 6.75 -5.05	102.18 6.35 -5.05	92.91 6.08 0.00	83.34 5.16 0.00	76.07 4.64 0.00	84.24 4.69 0.00
BOWLINE___1 23526	66.09 2.17 0.00	54.13 1.63 0.00	47.59 1.11 0.00	45.83 0.99 0.00	46.79 0.96 0.00	49.03 0.96 0.00	54.25 0.80 0.00	57.35 1.18 0.00	60.44 1.36 0.00	68.43 1.34 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.60 1.39 0.00	62.84 1.53 0.00	58.75 1.37 0.00	69.28 1.56 0.00	74.92 2.46 0.00	97.68 3.66 0.00	102.00 3.86 -1.74	95.08 3.64 -0.66	90.48 3.65 0.00	81.15 2.97 0.00	73.99 2.57 0.00	81.61 2.06 0.00
BOWLINE___2 23595	66.09 2.17 0.00	54.13 1.63 0.00	47.64 1.16 0.00	45.83 0.99 0.00	46.79 0.96 0.00	49.08 1.01 0.00	54.25 0.80 0.00	57.35 1.18 0.00	60.44 1.36 0.00	68.43 1.34 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.28 1.56 0.00	74.84 2.39 0.00	97.68 3.66 0.00	101.89 3.76 -1.74	95.08 3.64 -0.66	90.48 3.65 0.00	81.15 2.97 0.00	73.99 2.57 0.00	81.61 2.06 0.00
BRADY___115KV_TB2 356060	65.96 2.05 0.00	54.60 2.10 0.00	48.34 1.86 0.00	46.64 1.79 0.00	47.52 1.70 0.00	49.89 1.83 0.00	55.53 2.08 0.00	58.41 2.25 0.00	61.09 2.01 0.00	69.24 2.15 0.00	72.55 2.04 0.00	64.34 1.69 0.00	60.18 1.98 0.00	62.84 1.53 0.00	59.33 1.95 0.00	69.48 1.76 0.00	73.54 1.09 0.00	94.77 0.75 0.00	96.78 0.39 0.00	91.69 0.91 0.00	87.62 0.78 0.00	79.90 1.72 0.00	73.14 1.71 0.00	82.09 2.55 0.00
BRANSCOMB___SOLAR 323811	67.82 3.90 0.00	55.65 3.15 0.00	49.13 2.65 0.00	47.35 2.51 0.00	48.43 2.61 0.00	50.85 2.79 0.00	56.49 3.05 0.00	59.42 3.26 0.00	62.63 3.54 0.00	70.98 3.89 0.00	74.59 4.09 0.00	66.02 3.38 0.00	61.17 2.97 0.00	64.49 3.19 0.00	60.24 2.87 0.00	71.37 3.65 0.00	77.31 4.85 0.00	101.07 7.05 0.00	121.97 7.42 -18.14	104.54 6.90 -6.86	93.35 6.52 0.00	83.73 5.55 0.00	76.50 5.07 0.00	84.88 5.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	70.70 4.86 -1.92	62.86 3.88 -6.48	65.39 3.21 -15.70	61.59 3.00 -13.75	62.13 3.02 -13.28	62.18 3.12 -10.99	71.25 3.31 -14.49	87.14 3.76 -27.21	86.68 4.08 -23.52	79.05 4.43 -7.53	78.17 4.86 -2.80	75.38 4.45 -8.29	62.10 3.90 0.00	65.60 4.29 0.00	61.33 3.96 0.00	76.68 4.88 -4.08	92.83 5.87 -14.51	114.49 8.37 -12.11	106.45 8.58 -1.48	104.56 7.90 -5.88	98.92 7.64 -4.45	92.54 6.41 -7.96	81.68 5.71 -4.54	84.48 4.93 0.00

BRISTLHL_115KV_TB1 79998	61.81 -2.11 0.00	50.71 -1.78 0.00	45.04 -1.44 0.00	43.50 -1.35 0.00	44.45 -1.37 0.00	46.67 -1.39 0.00	52.01 -1.44 0.00	54.54 -1.63 0.00	57.31 -1.77 0.00	65.28 -1.81 0.00	68.60 -1.90 0.00	60.95 -1.69 0.00	56.69 -1.51 0.00	59.71 -1.59 0.00	55.83 -1.55 0.00	65.89 -1.83 0.00	70.78 -1.67 0.00	92.13 -1.88 0.00	94.57 -1.83 0.00	88.79 -2.00 0.00	84.75 -2.08 0.00	75.99 -2.19 0.00	69.57 -1.86 0.00	77.40 -2.15 0.00
BROOKHAVEN___DRP 24191	70.57 4.73 -1.92	62.65 3.67 -6.48	65.25 3.07 -15.70	61.42 2.83 -13.75	61.94 2.84 -13.28	61.98 2.93 -10.99	71.09 3.15 -14.49	87.02 3.65 -27.21	86.50 3.90 -23.52	78.78 4.16 -7.53	77.81 4.51 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.27 4.47 -4.08	92.62 5.65 -14.51	114.10 7.99 -12.10	106.06 8.19 -1.47	103.84 7.17 -5.88	98.22 6.95 -4.43	91.84 5.71 -7.96	81.18 5.21 -4.54	83.84 4.30 0.00
BROOKLYN_NAVY_YARD 23515	66.48 2.56 0.00	54.44 1.94 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.25 1.42 0.00	49.56 1.49 0.00	54.73 1.28 0.00	57.91 1.74 0.00	61.21 2.12 0.00	69.37 2.28 0.00	73.11 2.61 0.00	65.02 2.38 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.50 2.12 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.41 5.17 -0.23	103.67 5.30 -1.98	96.54 5.08 -0.68	92.02 5.03 -0.16	82.32 4.14 0.00	74.99 3.57 0.00	82.49 2.94 0.00
BROOKLYN___ARMY_DRP 323595	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
BROOKVLE_69_KV_TB1 55790	69.93 4.09 -1.92	62.33 3.36 -6.48	64.92 2.74 -15.70	61.10 2.51 -13.75	61.62 2.52 -13.28	61.50 2.45 -10.99	70.51 2.57 -14.49	86.46 3.09 -27.21	85.97 3.37 -23.52	78.31 3.69 -7.53	77.46 4.16 -2.80	74.63 3.70 -8.29	61.46 3.26 0.00	64.86 3.56 0.00	60.59 3.21 0.00	75.73 3.93 -4.08	92.04 5.07 -14.51	113.69 7.15 -12.53	105.62 7.42 -1.80	103.66 6.99 -5.88	98.33 6.77 -4.73	91.92 5.79 -7.96	81.04 5.07 -4.54	84.00 4.45 0.00
BROOME_2_LFGE 323671	62.77 -1.15 0.00	51.55 -0.94 0.00	45.92 -0.56 0.00	44.40 -0.45 0.00	45.41 -0.41 0.00	47.59 -0.48 0.00	53.13 -0.32 0.00	55.60 -0.56 0.00	58.31 -0.77 0.00	66.42 -0.67 0.00	69.66 -0.84 0.00	61.96 -0.69 0.00	57.62 -0.58 0.00	60.82 -0.49 0.00	56.91 -0.46 0.00	67.38 -0.34 0.00	72.45 0.00 0.00	94.11 0.09 0.00	97.40 0.19 -0.81	91.00 -0.09 -0.30	86.40 -0.43 0.00	77.32 -0.86 0.00	70.85 -0.57 0.00	79.00 -0.55 0.00
BROOME___LFGE 323600	62.77 -1.15 0.00	51.55 -0.94 0.00	45.92 -0.56 0.00	44.40 -0.45 0.00	45.41 -0.41 0.00	47.59 -0.48 0.00	53.13 -0.32 0.00	55.60 -0.56 0.00	58.31 -0.77 0.00	66.42 -0.67 0.00	69.66 -0.84 0.00	61.96 -0.69 0.00	57.62 -0.58 0.00	60.82 -0.49 0.00	56.91 -0.46 0.00	67.38 -0.34 0.00	72.45 0.00 0.00	94.11 0.09 0.00	97.40 0.19 -0.81	91.00 -0.09 -0.30	86.40 -0.43 0.00	77.32 -0.86 0.00	70.85 -0.57 0.00	79.00 -0.55 0.00
BROWNFLS_115KV_TB_3_5 80003	64.88 0.96 0.00	53.50 1.00 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.24 0.00	60.21 1.12 0.00	68.37 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.80 1.08 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.49 0.00	72.99 1.57 0.00	81.78 2.23 0.00
BROWNSV1_27_KV_LOAD 356125	67.05 3.13 0.00	55.02 2.52 0.00	48.48 2.00 0.00	46.64 1.79 0.00	47.61 1.79 0.00	49.84 1.78 0.00	55.21 1.76 0.00	58.47 2.30 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.74 3.24 0.00	65.59 2.94 0.00	60.88 2.68 0.00	64.25 2.94 0.00	60.01 2.64 0.00	70.90 3.18 0.00	76.65 4.20 0.00	99.94 5.92 0.00	104.46 6.27 -1.80	97.36 5.90 -0.68	92.65 5.82 0.00	82.95 4.77 0.00	75.64 4.21 0.00	83.21 3.66 0.00
BURROWS___LYONSDAL 23803	64.94 1.02 0.00	53.23 0.73 0.00	47.08 0.60 0.00	45.52 0.67 0.00	46.56 0.73 0.00	48.93 0.87 0.00	54.57 1.12 0.00	57.46 1.29 0.00	60.44 1.36 0.00	68.77 1.68 0.00	72.26 1.76 0.00	64.34 1.69 0.00	59.77 1.57 0.00	62.90 1.59 0.00	58.87 1.49 0.00	69.75 2.03 0.00	74.84 2.39 0.00	97.68 3.67 0.00	99.96 3.57 0.00	94.23 3.45 0.00	89.79 2.95 0.00	80.99 2.81 0.00	74.07 2.64 0.00	82.49 2.94 0.00
CAITHNESS_CC_1 323624	70.38 4.54 -1.92	62.49 3.52 -6.48	65.11 2.93 -15.70	61.33 2.74 -13.75	61.85 2.75 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.65 4.03 -7.53	77.67 4.37 -2.80	74.89 3.95 -8.29	61.64 3.43 0.00	65.11 3.80 0.00	60.82 3.44 0.00	76.07 4.27 -4.08	92.40 5.44 -14.51	113.91 7.80 -12.10	105.48 7.61 -1.47	103.75 7.09 -5.88	97.86 6.60 -4.43	91.77 5.63 -7.96	81.11 5.15 -4.54	84.16 4.61 0.00
CALPINE BETH_PAGE_GT4 24209	69.68 3.84 -1.92	62.02 3.04 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.39 2.29 -13.28	61.36 2.31 -10.99	70.29 2.35 -14.49	86.24 2.86 -27.21	85.73 3.13 -23.52	77.98 3.35 -7.53	77.11 3.81 -2.80	74.38 3.45 -8.29	61.17 2.97 0.00	64.62 3.31 0.00	60.36 2.98 0.00	75.46 3.66 -4.08	91.67 4.71 -14.51	112.95 6.67 -12.26	104.93 6.94 -1.59	103.11 6.45 -5.88	97.72 6.34 -4.54	91.45 5.32 -7.96	80.68 4.71 -4.54	83.53 3.98 0.00
CALPINE_BETH_PAGE_GT_4 323586	69.68 3.83 -1.92	61.97 2.99 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.39 2.29 -13.28	61.41 2.35 -10.99	70.29 2.35 -14.49	86.18 2.81 -27.21	85.73 3.13 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.38 3.44 -8.29	61.17 2.97 0.00	64.62 3.31 0.00	60.36 2.98 0.00	75.39 3.59 -4.08	91.61 4.64 -14.51	112.95 6.68 -12.26	104.73 6.75 -1.59	103.11 6.45 -5.88	97.63 6.26 -4.54	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00
CALPINE_BP_GT1 23823	69.68 3.83 -1.92	61.97 2.99 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.39 2.29 -13.28	61.41 2.35 -10.99	70.29 2.35 -14.49	86.18 2.81 -27.21	85.73 3.13 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.38 3.44 -8.29	61.17 2.97 0.00	64.62 3.31 0.00	60.36 2.98 0.00	75.39 3.59 -4.08	91.61 4.64 -14.51	112.95 6.68 -12.26	104.73 6.75 -1.59	103.11 6.45 -5.88	97.63 6.26 -4.54	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00
CALSPAN___DRP 24200	58.23 -5.69 0.00	47.98 -4.51 0.00	43.51 -2.97 0.00	42.51 -2.33 0.00	43.49 -2.34 0.00	45.66 -2.40 0.00	51.04 -2.41 0.00	52.01 -4.16 0.00	54.30 -4.79 0.00	62.46 -4.63 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.22 -3.16 0.00	64.27 -3.45 0.00	68.61 -3.84 0.00	88.19 -5.83 0.00	89.94 -6.46 0.00	83.97 -6.81 0.00	79.37 -7.47 0.00	70.28 -7.90 0.00	65.42 -6.00 0.00	74.46 -5.09 0.00

CALVERTON___SOLAR 323806	70.76 4.92 -1.92	62.76 3.78 -6.48	65.34 3.16 -15.70	61.50 2.91 -13.75	62.04 2.94 -13.28	62.17 3.12 -10.99	71.25 3.32 -14.49	87.19 3.82 -27.21	86.68 4.07 -23.52	78.98 4.36 -7.53	77.88 4.58 -2.80	75.07 4.13 -8.29	61.81 3.61 0.00	65.29 3.98 0.00	60.99 3.62 0.00	76.34 4.54 -4.08	92.76 5.80 -14.51	114.39 8.28 -12.10	105.96 8.10 -1.47	104.11 7.45 -5.88	98.22 6.95 -4.44	92.00 5.87 -7.96	81.32 5.36 -4.54	84.48 4.93 0.00
CANDIGU_WT_PWR 323617	59.96 -3.96 0.00	49.40 -3.10 0.00	44.34 -2.14 0.00	43.05 -1.80 0.00	44.04 -1.79 0.00	46.05 -2.02 0.00	51.79 -1.66 0.00	53.58 -2.58 0.00	56.01 -3.07 0.00	64.01 -3.09 0.00	66.91 -3.59 0.00	59.70 -2.94 0.00	55.58 -2.62 0.00	58.92 -2.39 0.00	55.25 -2.12 0.00	65.62 -2.10 0.00	70.64 -1.81 0.00	91.67 -2.35 0.00	94.30 -2.60 -0.50	87.98 -2.99 -0.19	83.27 -3.56 0.00	74.11 -4.07 0.00	68.35 -3.07 0.00	76.76 -2.79 0.00
CARR STREET_E_SYR 24060	61.87 -2.05 0.00	50.82 -1.68 0.00	45.13 -1.35 0.00	43.59 -1.26 0.00	44.59 -1.24 0.00	46.77 -1.30 0.00	52.11 -1.33 0.00	54.65 -1.51 0.00	57.37 -1.72 0.00	65.35 -1.74 0.00	68.67 -1.83 0.00	61.02 -1.63 0.00	56.75 -1.45 0.00	59.84 -1.47 0.00	55.94 -1.43 0.00	66.17 -1.55 0.00	71.00 -1.45 0.00	92.42 -1.60 0.00	94.85 -1.55 0.00	89.06 -1.73 0.00	85.01 -1.83 0.00	76.14 -2.03 0.00	69.71 -1.71 0.00	77.56 -1.99 0.00
CARTHAGE___PAPER 23857	64.88 0.96 0.00	53.18 0.68 0.00	47.04 0.56 0.00	45.47 0.63 0.00	46.51 0.69 0.00	48.93 0.87 0.00	54.57 1.12 0.00	57.51 1.35 0.00	60.44 1.36 0.00	68.70 1.61 0.00	72.12 1.62 0.00	64.15 1.50 0.00	59.71 1.51 0.00	62.78 1.47 0.00	58.81 1.43 0.00	69.61 1.89 0.00	74.77 2.32 0.00	97.59 3.57 0.00	99.86 3.47 0.00	94.23 3.45 0.00	89.70 2.86 0.00	81.07 2.89 0.00	74.14 2.71 0.00	82.65 3.10 0.00
CASSADAGA_WT_PWR 323784	59.25 -4.66 0.00	48.98 -3.52 0.00	44.11 -2.37 0.00	43.05 -1.80 0.00	44.13 -1.69 0.00	46.19 -1.88 0.00	52.27 -1.18 0.00	53.58 -2.58 0.00	56.01 -3.07 0.00	64.68 -2.41 0.00	67.33 -3.17 0.00	60.33 -2.32 0.00	56.16 -2.04 0.00	59.90 -1.41 0.00	56.17 -1.21 0.00	66.71 -1.01 0.00	71.29 -1.16 0.00	91.67 -2.35 0.00	93.60 -2.80 0.00	87.15 -3.63 0.00	82.31 -4.52 0.00	72.78 -5.39 0.00	67.50 -3.93 0.00	76.36 -3.18 0.00
CE_DUNWOOD___DRP 24194	66.60 2.68 0.00	54.65 2.15 0.00	48.11 1.63 0.00	46.32 1.48 0.00	47.29 1.47 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.24 2.15 0.00	73.04 2.54 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.16 2.44 0.00	75.86 3.41 0.00	98.81 4.79 0.00	103.30 5.11 -1.80	96.27 4.81 -0.68	91.61 4.78 0.00	82.09 3.91 0.00	74.85 3.43 0.00	82.41 2.86 0.00
CE_MILLWOOD___DRP 24193	66.54 2.62 0.00	54.55 2.05 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.73 1.28 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.10 2.01 0.00	72.90 2.40 0.00	64.77 2.13 0.00	60.12 1.92 0.00	63.45 2.15 0.00	59.27 1.89 0.00	70.02 2.30 0.00	75.64 3.19 0.00	98.62 4.61 0.00	103.01 4.82 -1.79	96.00 4.54 -0.68	91.35 4.52 0.00	81.93 3.75 0.00	74.71 3.29 0.00	82.33 2.78 0.00
CE_NYC2_DRP 24202	66.35 2.43 0.00	54.55 2.05 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.68 1.23 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.37 2.28 0.00	73.25 2.75 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.61 2.24 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.64 5.17 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.33 2.78 0.00
CE_NYC_DRP 24195	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.18 5.17 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	84.47 3.02 -1.90
CHAFFEE___LFGE 323603	58.42 -5.50 0.00	48.40 -4.09 0.00	43.64 -2.84 0.00	42.60 -2.24 0.00	43.62 -2.20 0.00	45.47 -2.60 0.00	51.21 -2.24 0.00	52.35 -3.82 0.00	54.48 -4.61 0.00	62.73 -4.36 0.00	65.28 -5.22 0.00	58.38 -4.26 0.00	54.42 -3.78 0.00	58.06 -3.25 0.00	54.39 -2.99 0.00	64.47 -3.25 0.00	68.90 -3.55 0.00	88.56 -5.46 0.00	90.42 -5.98 0.00	84.34 -6.44 0.00	79.63 -7.21 0.00	70.59 -7.58 0.00	65.64 -5.78 0.00	74.38 -5.17 0.00
CHATEAUG_35_KV_LOAD 355732	65.71 1.79 0.00	54.23 1.73 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.60 1.54 0.00	55.05 1.60 0.00	57.85 1.68 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.26 1.76 0.00	64.02 1.38 0.00	59.42 1.22 0.00	62.29 0.98 0.00	58.52 1.15 0.00	68.87 1.15 0.00	72.89 0.43 0.00	93.45 -0.56 0.00	95.53 -0.87 0.00	90.51 -0.27 0.00	86.66 -0.17 0.00	78.96 0.78 0.00	72.14 0.71 0.00	80.90 1.35 0.00
CHATEAUG_WT_PWR 323614	65.64 1.73 0.00	54.13 1.63 0.00	47.97 1.49 0.00	46.24 1.39 0.00	47.20 1.37 0.00	49.56 1.49 0.00	54.89 1.44 0.00	57.68 1.52 0.00	60.62 1.53 0.00	68.77 1.68 0.00	71.98 1.48 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.05 0.74 0.00	58.24 0.86 0.00	68.54 0.82 0.00	72.45 0.00 0.00	92.89 -1.12 0.00	95.05 -1.35 0.00	90.05 -0.73 0.00	86.23 -0.60 0.00	78.57 0.39 0.00	71.78 0.36 0.00	80.42 0.88 0.00
CHAT_HIGH_FALL_HYD 323578	65.71 1.79 0.00	54.23 1.73 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.60 1.54 0.00	55.05 1.60 0.00	57.85 1.68 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.26 1.76 0.00	64.02 1.38 0.00	59.42 1.22 0.00	62.29 0.98 0.00	58.52 1.15 0.00	68.87 1.15 0.00	72.89 0.43 0.00	93.45 -0.56 0.00	95.53 -0.87 0.00	90.51 -0.27 0.00	86.66 -0.17 0.00	78.96 0.78 0.00	72.14 0.71 0.00	80.90 1.35 0.00
CHAUTAUQUA___LFGE 323629	58.80 -5.12 0.00	48.67 -3.83 0.00	43.83 -2.65 0.00	42.83 -2.02 0.00	43.85 -1.97 0.00	45.81 -2.26 0.00	51.74 -1.71 0.00	52.97 -3.20 0.00	55.24 -3.84 0.00	63.74 -3.35 0.00	66.34 -4.16 0.00	59.38 -3.26 0.00	55.35 -2.85 0.00	59.04 -2.27 0.00	55.31 -2.06 0.00	65.62 -2.10 0.00	70.20 -2.25 0.00	90.16 -3.86 0.00	92.16 -4.24 0.00	85.88 -4.90 0.00	81.02 -5.82 0.00	71.69 -6.49 0.00	66.56 -4.86 0.00	75.41 -4.14 0.00
CHERRYST_13_KV_LD 356241	66.79 2.88 0.00	54.81 2.31 0.00	48.29 1.81 0.00	46.46 1.61 0.00	47.43 1.60 0.00	49.65 1.59 0.00	55.00 1.55 0.00	58.24 2.08 0.00	61.45 2.36 0.00	69.64 2.55 0.00	73.46 2.96 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.63 2.91 0.00	76.36 3.91 0.00	99.47 5.45 0.00	103.98 5.78 -1.80	96.91 5.45 -0.68	92.22 5.38 0.00	82.63 4.46 0.00	75.28 3.86 0.00	82.81 3.26 0.00

CHESTROR_138KV_BK263 355645	66.03 2.11 0.00	54.13 1.63 0.00	47.64 1.16 0.00	45.88 1.03 0.00	46.83 1.01 0.00	49.03 0.96 0.00	54.41 0.96 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.50 1.41 0.00	72.19 1.69 0.00	64.15 1.50 0.00	59.60 1.40 0.00	62.84 1.53 0.00	58.75 1.38 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	101.92 3.86 -1.67	95.14 3.72 -0.63	90.48 3.65 0.00	81.15 2.97 0.00	73.99 2.57 0.00	81.70 2.15 0.00
CH_MIDHUDSON___DRP 24192	66.79 2.88 0.00	54.76 2.26 0.00	48.25 1.77 0.00	46.46 1.61 0.00	47.47 1.65 0.00	49.65 1.59 0.00	55.11 1.66 0.00	58.13 1.97 0.00	61.27 2.19 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.02 2.38 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.29 2.57 0.00	76.00 3.55 0.00	99.09 5.08 0.00	103.61 5.30 -1.91	96.50 4.99 -0.72	91.78 4.95 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.81 3.26 0.00
CH_MISC_IPPS 23765	66.99 3.07 0.00	54.86 2.36 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.89 1.83 0.00	55.27 1.82 0.00	58.25 2.08 0.00	61.51 2.42 0.00	69.50 2.41 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.56 5.55 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.45 0.00	75.35 3.93 0.00	83.21 3.66 0.00
CH_RES_BVR_FALLS 23983	63.92 0.00 0.00	52.60 0.11 0.00	46.57 0.09 0.00	44.93 0.09 0.00	45.92 0.09 0.00	48.21 0.14 0.00	53.61 0.16 0.00	56.39 0.23 0.00	59.32 0.24 0.00	67.43 0.34 0.00	70.86 0.35 0.00	62.96 0.31 0.00	58.55 0.35 0.00	61.55 0.25 0.00	57.72 0.35 0.00	67.99 0.27 0.00	72.23 -0.22 0.00	93.36 -0.65 0.00	95.62 -0.77 0.00	90.24 -0.54 0.00	86.40 -0.43 0.00	78.18 0.00 0.00	71.35 -0.07 0.00	79.79 0.24 0.00
CH_RES_NIAGARA 23895	56.63 -7.29 0.00	46.62 -5.88 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.70 -3.36 0.00	49.55 -3.90 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.51 0.00	52.32 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.83 -7.72 0.00
CH_RES_SYRACUSE 23985	62.06 -1.86 0.00	50.92 -1.57 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	46.96 -1.10 0.00	52.22 -1.23 0.00	54.82 -1.35 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.37 -1.35 0.00	71.22 -1.23 0.00	92.61 -1.41 0.00	95.14 -1.26 0.00	89.33 -1.46 0.00	85.27 -1.56 0.00	76.38 -1.79 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
CLINTON_WT_PWR 323605	65.64 1.73 0.00	54.13 1.63 0.00	47.97 1.49 0.00	46.24 1.39 0.00	47.20 1.37 0.00	49.56 1.49 0.00	54.89 1.44 0.00	57.68 1.52 0.00	60.62 1.53 0.00	68.77 1.68 0.00	71.98 1.48 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.05 0.74 0.00	58.24 0.86 0.00	68.54 0.82 0.00	72.45 0.00 0.00	92.89 -1.12 0.00	95.05 -1.35 0.00	90.05 -0.73 0.00	86.23 -0.60 0.00	78.57 0.39 0.00	71.78 0.36 0.00	80.42 0.88 0.00
CLINTON___LFGE 323618	66.86 2.94 0.00	55.12 2.62 0.00	48.85 2.37 0.00	47.09 2.24 0.00	48.02 2.20 0.00	50.47 2.40 0.00	55.75 2.30 0.00	58.63 2.47 0.00	61.75 2.66 0.00	69.97 2.88 0.00	73.32 2.82 0.00	64.96 2.32 0.00	60.24 2.04 0.00	63.15 1.84 0.00	59.27 1.89 0.00	69.82 2.10 0.00	73.97 1.52 0.00	94.68 0.66 0.00	96.79 0.39 0.00	91.78 1.00 0.00	87.70 0.87 0.00	80.05 1.87 0.00	73.13 1.71 0.00	82.02 2.47 0.00
COBBLENY_34_KV_TB1 80064	58.42 -5.50 0.00	48.09 -4.41 0.00	43.65 -2.84 0.00	42.60 -2.24 0.00	43.62 -2.20 0.00	45.81 -2.26 0.00	51.20 -2.24 0.00	52.18 -3.99 0.00	54.48 -4.61 0.00	62.73 -4.36 0.00	65.28 -5.22 0.00	58.38 -4.26 0.00	54.42 -3.78 0.00	58.06 -3.25 0.00	54.39 -2.98 0.00	64.47 -3.25 0.00	68.90 -3.55 0.00	88.56 -5.45 0.00	90.23 -6.17 0.00	84.34 -6.45 0.00	79.63 -7.21 0.00	70.59 -7.58 0.00	65.64 -5.79 0.00	74.70 -4.85 0.00
COFFEEN___115KV_TB3 355620	65.39 1.47 0.00	53.50 1.00 0.00	47.32 0.84 0.00	45.83 0.99 0.00	46.88 1.05 0.00	49.27 1.20 0.00	55.00 1.55 0.00	57.91 1.74 0.00	60.92 1.83 0.00	69.31 2.21 0.00	72.76 2.26 0.00	64.59 1.94 0.00	60.01 1.80 0.00	63.21 1.90 0.00	59.10 1.72 0.00	70.16 2.44 0.00	75.71 3.26 0.00	99.28 5.26 0.00	101.51 5.11 0.00	95.78 4.99 0.00	91.00 4.17 0.00	82.16 3.99 0.00	75.07 3.64 0.00	83.68 4.14 0.00
COLDSPRG_115KV_BK1 355956	59.96 -3.96 0.00	49.35 -3.15 0.00	44.71 -1.77 0.00	43.59 -1.26 0.00	44.68 -1.15 0.00	46.96 -1.11 0.00	52.75 -0.69 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	65.15 -1.95 0.00	67.75 -2.75 0.00	60.64 -2.00 0.00	56.51 -1.69 0.00	60.21 -1.10 0.00	56.46 -0.92 0.00	66.98 -0.74 0.00	71.36 -1.09 0.00	91.85 -2.16 0.00	93.60 -2.80 0.00	87.42 -3.36 0.00	82.58 -4.25 0.00	73.17 -5.00 0.00	67.78 -3.64 0.00	77.08 -2.47 0.00
COLONIE_LFGE___ 323577	66.92 3.00 0.00	54.91 2.42 0.00	48.52 2.04 0.00	46.73 1.88 0.00	47.79 1.97 0.00	50.13 2.07 0.00	55.64 2.19 0.00	58.52 2.36 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.60 3.10 0.00	65.34 2.69 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.43 2.71 0.00	76.07 3.62 0.00	99.18 5.17 0.00	117.46 5.40 -15.67	101.78 5.08 -5.92	91.61 4.77 0.00	82.24 4.06 0.00	75.21 3.78 0.00	83.44 3.90 0.00
COOPERNY_115KV_TB1 80082	65.32 1.41 0.00	53.60 1.10 0.00	47.27 0.79 0.00	45.52 0.67 0.00	46.51 0.69 0.00	48.69 0.62 0.00	54.09 0.64 0.00	57.01 0.84 0.00	60.03 0.95 0.00	68.10 1.01 0.00	71.70 1.20 0.00	63.71 1.06 0.00	59.13 0.93 0.00	62.35 1.04 0.00	58.35 0.98 0.00	68.87 1.15 0.00	74.26 1.81 0.00	96.74 2.73 0.00	100.67 2.89 -1.38	94.03 2.72 -0.52	89.44 2.61 0.00	80.29 2.11 0.00	73.28 1.86 0.00	81.06 1.51 0.00
COPENHAGEN_WT_PWR 323753	64.69 0.77 0.00	52.97 0.47 0.00	46.90 0.42 0.00	45.38 0.54 0.00	46.38 0.55 0.00	48.74 0.67 0.00	54.41 0.96 0.00	57.29 1.12 0.00	60.20 1.12 0.00	68.50 1.41 0.00	71.98 1.48 0.00	63.90 1.25 0.00	59.43 1.22 0.00	62.53 1.23 0.00	58.52 1.15 0.00	69.41 1.69 0.00	74.70 2.25 0.00	97.68 3.66 0.00	100.06 3.66 0.00	94.32 3.54 0.00	89.70 2.86 0.00	80.91 2.73 0.00	73.99 2.57 0.00	82.41 2.86 0.00
CORNELL_____ 23752	63.85 -0.06 0.00	52.34 -0.16 0.00	46.62 0.14 0.00	45.07 0.22 0.00	46.05 0.23 0.00	48.35 0.29 0.00	53.98 0.53 0.00	56.62 0.45 0.00	59.44 0.35 0.00	67.70 0.60 0.00	70.99 0.49 0.00	63.08 0.44 0.00	58.67 0.47 0.00	61.80 0.49 0.00	57.83 0.46 0.00	68.60 0.88 0.00	73.90 1.45 0.00	96.36 2.35 0.00	99.47 2.51 -0.56	93.08 2.09 -0.21	88.48 1.65 0.00	79.19 1.02 0.00	72.49 1.07 0.00	80.66 1.11 0.00

CORONA__69_KV_TB1 355595	69.68 3.84 -1.92	62.02 3.04 -6.48	64.64 2.46 -15.70	60.83 2.24 -13.75	61.35 2.25 -13.28	61.31 2.26 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.04 3.74 -2.80	74.32 3.38 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.36 2.98 0.00	75.39 3.59 -4.08	91.67 4.71 -14.51	113.49 6.49 -12.99	105.39 6.84 -2.15	103.11 6.45 -5.88	98.21 6.34 -5.04	91.53 5.39 -7.96	80.75 4.79 -4.54	83.68 4.14 0.00
CORTLAND__115KV_TB3 80093	63.47 -0.45 0.00	52.03 -0.47 0.00	46.29 -0.19 0.00	44.71 -0.13 0.00	45.73 -0.09 0.00	48.02 -0.05 0.00	53.50 0.05 0.00	56.11 -0.06 0.00	58.97 -0.12 0.00	67.09 0.00 0.00	70.43 -0.07 0.00	62.58 -0.06 0.00	58.20 0.00 0.00	61.37 0.06 0.00	57.38 0.00 0.00	67.99 0.27 0.00	73.10 0.65 0.00	95.24 1.22 0.00	97.75 1.35 0.00	91.78 1.00 0.00	87.53 0.69 0.00	78.41 0.23 0.00	71.78 0.36 0.00	79.87 0.32 0.00
COXSACKIE__GT 23611	68.91 4.99 0.00	56.49 3.99 0.00	49.92 3.44 0.00	48.08 3.23 0.00	49.26 3.44 0.00	51.72 3.65 0.00	57.46 4.01 0.00	59.93 3.76 0.00	63.22 4.13 0.00	71.12 4.03 0.00	74.80 4.30 0.00	66.15 3.51 0.00	61.23 3.02 0.00	64.56 3.25 0.00	60.47 3.10 0.00	71.51 3.79 0.00	77.89 5.44 0.00	102.38 8.36 0.00	111.31 7.71 -7.20	100.59 7.09 -2.72	94.38 7.55 0.00	84.66 6.49 0.00	77.42 6.00 0.00	86.71 7.16 0.00
CPV_VALLEY__CC1 323721	65.52 1.60 0.00	53.71 1.21 0.00	47.32 0.84 0.00	45.56 0.72 0.00	46.51 0.69 0.00	48.79 0.72 0.00	54.04 0.59 0.00	57.01 0.84 0.00	60.09 1.00 0.00	68.03 0.94 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.41 1.10 0.00	58.35 0.97 0.00	68.87 1.15 0.00	74.33 1.88 0.00	96.93 2.92 0.00	100.94 2.99 -1.55	94.27 2.90 -0.58	89.70 2.86 0.00	80.52 2.34 0.00	73.42 2.00 0.00	81.14 1.59 0.00
CPV_VALLEY__CC2 323722	65.52 1.60 0.00	53.71 1.21 0.00	47.32 0.84 0.00	45.56 0.72 0.00	46.51 0.69 0.00	48.79 0.72 0.00	54.04 0.59 0.00	57.01 0.84 0.00	60.09 1.00 0.00	68.03 0.94 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.41 1.10 0.00	58.35 0.97 0.00	68.87 1.15 0.00	74.33 1.88 0.00	96.93 2.92 0.00	100.94 2.99 -1.55	94.27 2.90 -0.58	89.70 2.86 0.00	80.52 2.34 0.00	73.42 2.00 0.00	81.14 1.59 0.00
CRESCENT__HYD 24018	66.92 3.00 0.00	54.91 2.42 0.00	48.52 2.04 0.00	46.73 1.88 0.00	47.79 1.97 0.00	50.13 2.07 0.00	55.64 2.19 0.00	58.52 2.36 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.60 3.10 0.00	65.34 2.69 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.43 2.71 0.00	76.07 3.62 0.00	99.18 5.17 0.00	117.46 5.40 -15.67	101.78 5.08 -5.92	91.61 4.77 0.00	82.24 4.06 0.00	75.21 3.78 0.00	83.44 3.90 0.00
CRICKET__VALLEY_CC1 323756	66.66 2.75 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.94 1.49 0.00	57.91 1.74 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.97 2.47 0.00	64.90 2.25 0.00	60.24 2.04 0.00	63.51 2.20 0.00	59.38 2.01 0.00	70.02 2.30 0.00	75.64 3.18 0.00	98.43 4.42 0.00	103.22 4.63 -2.19	95.97 4.36 -0.83	91.26 4.43 0.00	81.85 3.68 0.00	74.71 3.29 0.00	82.49 2.94 0.00
CRICKET__VALLEY_CC2 323757	66.66 2.75 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.94 1.49 0.00	57.91 1.74 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.97 2.47 0.00	64.90 2.25 0.00	60.24 2.04 0.00	63.51 2.20 0.00	59.38 2.01 0.00	70.02 2.30 0.00	75.64 3.18 0.00	98.43 4.42 0.00	103.22 4.63 -2.19	95.97 4.36 -0.83	91.26 4.43 0.00	81.85 3.68 0.00	74.71 3.29 0.00	82.49 2.94 0.00
CRICKET__VALLEY_CC3 323758	66.66 2.75 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.94 1.49 0.00	57.91 1.74 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.97 2.47 0.00	64.90 2.25 0.00	60.24 2.04 0.00	63.51 2.20 0.00	59.38 2.01 0.00	70.02 2.30 0.00	75.64 3.18 0.00	98.43 4.42 0.00	103.22 4.63 -2.19	95.97 4.36 -0.83	91.26 4.43 0.00	81.85 3.68 0.00	74.71 3.29 0.00	82.49 2.94 0.00
CRUCIBLE__METL_DRP 24180	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
DAHOWA__HYDRO 323763	68.20 4.28 0.00	55.96 3.46 0.00	49.41 2.93 0.00	47.58 2.74 0.00	48.71 2.89 0.00	51.19 3.12 0.00	56.87 3.42 0.00	59.82 3.65 0.00	63.10 4.02 0.00	71.52 4.43 0.00	75.08 4.58 0.00	66.47 3.82 0.00	61.58 3.37 0.00	64.86 3.55 0.00	60.59 3.21 0.00	71.78 4.06 0.00	77.81 5.36 0.00	101.81 7.80 0.00	123.19 8.29 -18.50	105.40 7.63 -6.99	93.96 7.12 0.00	84.35 6.17 0.00	77.06 5.64 0.00	85.52 5.97 0.00
DANC__LFGE 323619	63.54 -0.38 0.00	52.08 -0.42 0.00	46.11 -0.37 0.00	44.62 -0.22 0.00	45.60 -0.23 0.00	47.87 -0.19 0.00	53.40 -0.05 0.00	56.17 0.00 0.00	59.03 -0.06 0.00	67.16 0.07 0.00	70.57 0.07 0.00	62.71 0.06 0.00	58.26 0.06 0.00	61.37 0.06 0.00	57.38 0.00 0.00	67.99 0.27 0.00	73.03 0.58 0.00	95.33 1.32 0.00	97.65 1.25 0.00	91.96 1.18 0.00	87.53 0.69 0.00	78.80 0.62 0.00	72.14 0.71 0.00	80.42 0.88 0.00
DANSKAMMER__1 23586	66.99 3.07 0.00	54.86 2.36 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.89 1.83 0.00	55.27 1.82 0.00	58.25 2.08 0.00	61.51 2.42 0.00	69.50 2.41 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.56 5.55 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.45 0.00	75.35 3.93 0.00	83.21 3.66 0.00
DANSKAMMER__2 23589	66.99 3.07 0.00	54.86 2.36 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.89 1.83 0.00	55.27 1.82 0.00	58.25 2.08 0.00	61.51 2.42 0.00	69.50 2.41 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.56 5.55 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.45 0.00	75.35 3.93 0.00	83.21 3.66 0.00
DANSKAMMER__3 23590	66.99 3.07 0.00	54.86 2.36 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.89 1.83 0.00	55.27 1.82 0.00	58.25 2.08 0.00	61.51 2.42 0.00	69.50 2.41 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.56 5.55 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.45 0.00	75.35 3.93 0.00	83.21 3.66 0.00

DANSKAMMER___4 23591	66.99 3.07 0.00	54.86 2.36 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.89 1.83 0.00	55.27 1.82 0.00	58.25 2.08 0.00	61.51 2.42 0.00	69.50 2.41 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.56 5.55 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.45 0.00	75.35 3.93 0.00	83.21 3.66 0.00
DANSKAMMER___DIESEL 23592	66.99 3.07 0.00	54.91 2.41 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.80 1.73 0.00	55.27 1.82 0.00	58.30 2.13 0.00	61.51 2.42 0.00	69.51 2.42 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.43 2.71 0.00	76.22 3.77 0.00	99.47 5.45 0.00	103.95 5.69 -1.87	96.94 5.45 -0.71	92.13 5.30 0.00	82.63 4.46 0.00	75.35 3.93 0.00	83.13 3.58 0.00
DARBY___SOLAR 323810	67.82 3.90 0.00	55.70 3.20 0.00	49.18 2.69 0.00	47.35 2.51 0.00	48.48 2.66 0.00	50.90 2.84 0.00	56.55 3.10 0.00	59.48 3.31 0.00	62.69 3.60 0.00	71.05 3.96 0.00	74.66 4.16 0.00	66.09 3.44 0.00	61.23 3.02 0.00	64.56 3.25 0.00	60.30 2.92 0.00	71.44 3.72 0.00	77.38 4.93 0.00	101.16 7.14 0.00	122.08 7.52 -18.16	104.64 6.99 -6.86	93.43 6.60 0.00	83.81 5.63 0.00	76.63 5.21 0.00	84.96 5.41 0.00
DASHVILLE___HYD 23610	66.35 2.43 0.00	54.39 1.89 0.00	47.92 1.44 0.00	46.10 1.26 0.00	47.15 1.33 0.00	49.32 1.25 0.00	54.73 1.28 0.00	57.68 1.52 0.00	60.80 1.71 0.00	68.70 1.61 0.00	72.47 1.97 0.00	64.34 1.69 0.00	59.72 1.51 0.00	62.96 1.66 0.00	58.92 1.55 0.00	69.62 1.90 0.00	75.28 2.83 0.00	98.34 4.32 0.00	103.12 3.76 -2.96	95.44 3.54 -1.12	91.09 4.25 0.00	81.69 3.52 0.00	74.49 3.07 0.00	82.33 2.78 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	71.15 5.31 -1.92	63.02 4.04 -6.48	65.57 3.39 -15.70	61.68 3.09 -13.75	62.22 3.12 -13.28	62.32 3.27 -10.99	71.52 3.58 -14.49	87.53 4.16 -27.21	86.97 4.37 -23.52	79.39 4.76 -7.53	78.10 4.79 -2.80	75.32 4.39 -8.29	61.99 3.78 0.00	65.48 4.17 0.00	61.10 3.73 0.00	76.61 4.81 -4.08	93.12 6.16 -14.51	114.95 8.84 -12.10	107.02 9.16 -1.47	104.84 8.17 -5.88	99.17 7.90 -4.44	92.62 6.49 -7.96	81.89 5.93 -4.54	84.80 5.25 0.00
DELAWARE___LFGE 323621	65.32 1.41 0.00	53.55 1.05 0.00	47.36 0.88 0.00	45.74 0.90 0.00	46.69 0.87 0.00	48.98 0.91 0.00	54.46 1.02 0.00	57.29 1.12 0.00	60.38 1.30 0.00	68.57 1.48 0.00	72.12 1.62 0.00	64.02 1.38 0.00	59.37 1.16 0.00	62.60 1.29 0.00	58.52 1.15 0.00	69.28 1.56 0.00	74.77 2.32 0.00	97.49 3.48 0.00	102.62 3.57 -2.66	95.15 3.36 -1.00	89.87 3.04 0.00	80.68 2.50 0.00	73.71 2.29 0.00	81.85 2.31 0.00
DERFIELD_115KV_TB7 355931	64.17 0.26 0.00	52.66 0.16 0.00	46.57 0.09 0.00	44.93 0.09 0.00	45.92 0.09 0.00	48.16 0.10 0.00	53.56 0.11 0.00	56.28 0.11 0.00	59.26 0.18 0.00	67.29 0.20 0.00	70.78 0.28 0.00	62.89 0.25 0.00	58.38 0.17 0.00	61.55 0.25 0.00	57.55 0.17 0.00	67.99 0.27 0.00	72.96 0.51 0.00	94.86 0.85 0.00	97.27 0.87 0.00	91.60 0.82 0.00	87.62 0.78 0.00	78.72 0.55 0.00	71.99 0.57 0.00	80.03 0.48 0.00
DOGLEVILLE___HYD 23807	69.42 5.50 0.00	56.80 4.31 0.00	50.20 3.72 0.00	48.43 3.59 0.00	49.44 3.62 0.00	51.82 3.75 0.00	57.67 4.22 0.00	60.60 4.44 0.00	63.93 4.85 0.00	72.66 5.57 0.00	76.42 5.92 0.00	67.84 5.20 0.00	62.86 4.66 0.00	66.15 4.84 0.00	61.85 4.48 0.00	73.41 5.69 0.00	78.97 6.52 0.00	102.95 8.94 0.00	105.56 9.16 0.00	99.69 8.90 0.00	95.35 8.51 0.00	86.38 8.21 0.00	79.21 7.79 0.00	88.38 8.83 0.00
DUNKIRK___115KV_TB_200 55889	58.74 -5.18 0.00	48.35 -4.15 0.00	43.83 -2.65 0.00	42.78 -2.06 0.00	43.85 -1.97 0.00	46.14 -1.92 0.00	51.69 -1.76 0.00	52.68 -3.48 0.00	55.13 -3.96 0.00	63.60 -3.49 0.00	66.20 -4.30 0.00	59.26 -3.38 0.00	55.18 -3.03 0.00	58.92 -2.39 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	69.92 -2.54 0.00	89.97 -4.04 0.00	91.67 -4.72 0.00	85.61 -5.17 0.00	80.84 -5.99 0.00	71.53 -6.65 0.00	66.42 -5.00 0.00	75.57 -3.98 0.00
DUNKIRK___1 23563	58.74 -5.18 0.00	48.35 -4.15 0.00	43.83 -2.65 0.00	42.78 -2.06 0.00	43.85 -1.97 0.00	46.14 -1.92 0.00	51.69 -1.76 0.00	52.68 -3.48 0.00	55.13 -3.96 0.00	63.60 -3.49 0.00	66.20 -4.30 0.00	59.26 -3.38 0.00	55.18 -3.03 0.00	58.92 -2.39 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	69.92 -2.54 0.00	89.97 -4.04 0.00	91.67 -4.72 0.00	85.61 -5.17 0.00	80.84 -5.99 0.00	71.53 -6.65 0.00	66.42 -5.00 0.00	75.57 -3.98 0.00
DUNKIRK___2 23564	58.74 -5.18 0.00	48.35 -4.15 0.00	43.83 -2.65 0.00	42.78 -2.06 0.00	43.85 -1.97 0.00	46.14 -1.92 0.00	51.69 -1.76 0.00	52.68 -3.48 0.00	55.13 -3.96 0.00	63.60 -3.49 0.00	66.20 -4.30 0.00	59.26 -3.38 0.00	55.18 -3.03 0.00	58.92 -2.39 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	69.92 -2.54 0.00	89.97 -4.04 0.00	91.67 -4.72 0.00	85.61 -5.17 0.00	80.84 -5.99 0.00	71.53 -6.65 0.00	66.42 -5.00 0.00	75.57 -3.98 0.00
DUNKIRK___3 23565	58.55 -5.37 0.00	48.19 -4.30 0.00	43.69 -2.79 0.00	42.65 -2.20 0.00	43.67 -2.15 0.00	45.90 -2.16 0.00	51.42 -2.03 0.00	52.40 -3.76 0.00	54.83 -4.25 0.00	63.13 -3.96 0.00	65.71 -4.79 0.00	58.82 -3.82 0.00	54.83 -3.38 0.00	58.49 -2.82 0.00	54.79 -2.58 0.00	64.94 -2.78 0.00	69.41 -3.04 0.00	89.22 -4.79 0.00	91.00 -5.40 0.00	84.97 -5.81 0.00	80.23 -6.60 0.00	71.06 -7.11 0.00	66.00 -5.43 0.00	75.17 -4.38 0.00
DUNKIRK___4 23566	58.55 -5.37 0.00	48.19 -4.30 0.00	43.69 -2.79 0.00	42.65 -2.20 0.00	43.67 -2.15 0.00	45.90 -2.16 0.00	51.42 -2.03 0.00	52.40 -3.76 0.00	54.83 -4.25 0.00	63.13 -3.96 0.00	65.71 -4.79 0.00	58.82 -3.82 0.00	54.83 -3.38 0.00	58.49 -2.82 0.00	54.79 -2.58 0.00	64.94 -2.78 0.00	69.41 -3.04 0.00	89.22 -4.79 0.00	91.00 -5.40 0.00	84.97 -5.81 0.00	80.23 -6.60 0.00	71.06 -7.11 0.00	66.00 -5.43 0.00	75.17 -4.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	66.73 2.81 0.00	54.76 2.26 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.95 1.50 0.00	58.13 1.97 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.00 3.55 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.65 3.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	66.41 2.49 0.00	54.44 1.94 0.00	47.92 1.44 0.00	46.15 1.30 0.00	47.15 1.33 0.00	49.32 1.25 0.00	54.73 1.28 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.90 1.81 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.95 1.75 0.00	63.21 1.90 0.00	59.10 1.72 0.00	69.82 2.10 0.00	75.49 3.04 0.00	98.43 4.42 0.00	102.84 4.63 -1.81	95.92 4.45 -0.68	91.18 4.34 0.00	81.77 3.60 0.00	74.57 3.14 0.00	82.33 2.78 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	66.03 2.11 0.00	54.28 1.78 0.00	47.97 1.49 0.00	46.19 1.35 0.00	47.11 1.28 0.00	49.32 1.25 0.00	54.36 0.91 0.00	57.57 1.40 0.00	60.80 1.71 0.00	69.04 1.95 0.00	72.90 2.40 0.00	64.84 2.19 0.00	60.24 2.04 0.00	63.52 2.21 0.00	59.33 1.95 0.00	69.89 2.17 0.00	75.71 3.26 0.00	98.62 4.61 0.00	103.11 4.92 -1.80	96.09 4.63 -0.68	91.44 4.60 0.00	81.93 3.75 0.00	74.71 3.29 0.00	81.85 2.31 0.00
E179THST_13_KV_LOAD 356214	66.28 2.36 0.00	54.44 1.94 0.00	48.15 1.67 0.00	46.37 1.52 0.00	47.24 1.42 0.00	49.46 1.39 0.00	54.57 1.12 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.64 5.17 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.25 2.70 0.00
EAST HAMPTON___GT 23717	70.89 5.05 -1.92	62.70 3.73 -6.48	65.25 3.07 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	62.08 3.03 -10.99	71.20 3.26 -14.49	87.19 3.82 -27.21	86.68 4.07 -23.52	79.12 4.50 -7.53	77.39 4.09 -2.80	74.82 3.89 -8.29	61.52 3.32 0.00	64.99 3.68 0.00	60.53 3.15 0.00	75.93 4.13 -4.08	92.40 5.44 -14.51	114.29 8.18 -12.10	106.05 8.19 -1.47	104.66 7.99 -5.88	98.82 7.55 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	85.35 5.80 0.00
EAST RIVER___6 23660	66.54 2.62 0.00	54.49 1.99 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.25 1.42 0.00	49.56 1.49 0.00	54.79 1.34 0.00	58.02 1.85 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.28 5.26 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.06 3.64 0.00	82.65 3.10 0.00
EAST RIVER___7 23524	66.54 2.62 0.00	54.49 1.99 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.25 1.42 0.00	49.56 1.49 0.00	54.79 1.34 0.00	58.02 1.85 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.28 5.26 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.06 3.64 0.00	82.65 3.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	66.60 2.68 0.00	54.65 2.15 0.00	48.11 1.63 0.00	46.32 1.48 0.00	47.29 1.47 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.24 2.15 0.00	73.04 2.54 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.16 2.44 0.00	75.86 3.41 0.00	98.81 4.79 0.00	103.30 5.11 -1.80	96.27 4.81 -0.68	91.61 4.78 0.00	82.09 3.91 0.00	74.85 3.43 0.00	82.41 2.86 0.00
EAST_HAMPTON___DIESEL 23722	70.83 4.99 -1.92	62.59 3.62 -6.48	65.16 2.98 -15.70	61.28 2.69 -13.75	61.80 2.70 -13.28	61.98 2.93 -10.99	71.09 3.15 -14.49	87.08 3.71 -27.21	86.56 3.96 -23.52	78.98 4.36 -7.53	77.18 3.87 -2.80	74.70 3.76 -8.29	61.40 3.20 0.00	64.86 3.55 0.00	60.41 3.04 0.00	75.73 3.93 -4.08	92.25 5.29 -14.51	114.10 7.99 -12.10	105.77 7.91 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.31 6.17 -7.96	81.54 5.57 -4.54	85.20 5.65 0.00
EAST_POINT___SOLAR 323840	68.01 4.09 0.00	55.81 3.31 0.00	49.27 2.79 0.00	47.44 2.60 0.00	48.57 2.75 0.00	51.15 3.08 0.00	56.98 3.53 0.00	59.93 3.76 0.00	63.16 4.07 0.00	70.85 3.75 0.00	73.39 2.89 0.00	64.34 1.69 0.00	59.13 0.93 0.00	62.53 1.23 0.00	58.01 0.63 0.00	69.61 1.89 0.00	77.74 5.29 0.00	103.04 9.03 0.00	124.90 9.73 -18.77	106.95 9.08 -7.09	95.09 8.25 0.00	85.13 6.96 0.00	77.71 6.29 0.00	86.07 6.52 0.00
EAST_PULASKI___ESR 323781	62.45 -1.47 0.00	51.24 -1.26 0.00	45.41 -1.07 0.00	43.90 -0.94 0.00	44.91 -0.92 0.00	47.11 -0.96 0.00	52.49 -0.96 0.00	55.10 -1.07 0.00	57.96 -1.12 0.00	65.95 -1.14 0.00	69.37 -1.13 0.00	61.64 -1.00 0.00	57.27 -0.93 0.00	60.33 -0.98 0.00	56.34 -1.03 0.00	66.63 -1.09 0.00	71.37 -1.08 0.00	92.98 -1.03 0.00	95.43 -0.96 0.00	89.70 -1.09 0.00	85.53 -1.30 0.00	76.77 -1.40 0.00	70.35 -1.07 0.00	78.36 -1.19 0.00
EAST_RIVER___1 323558	66.60 2.68 0.00	54.60 2.10 0.00	48.20 1.72 0.00	46.37 1.53 0.00	47.33 1.51 0.00	49.65 1.58 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.07 3.62 0.00	99.28 5.26 0.00	103.59 5.40 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.06 3.64 0.00	82.65 3.10 0.00
EAST_RIVER___2 323559	66.54 2.62 0.00	54.49 1.99 0.00	48.11 1.63 0.00	46.28 1.43 0.00	47.25 1.42 0.00	49.56 1.49 0.00	54.79 1.34 0.00	58.02 1.85 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.14 3.69 0.00	99.28 5.26 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.06 3.64 0.00	82.65 3.10 0.00
EAST___DELAWARE_HYD 23607	66.35 2.43 0.00	54.28 1.79 0.00	47.87 1.39 0.00	46.10 1.25 0.00	47.10 1.28 0.00	49.41 1.34 0.00	54.84 1.39 0.00	57.74 1.57 0.00	60.97 1.89 0.00	68.90 1.81 0.00	72.61 2.11 0.00	64.40 1.75 0.00	59.77 1.57 0.00	62.96 1.66 0.00	58.93 1.55 0.00	69.69 1.97 0.00	75.49 3.04 0.00	98.90 4.89 0.00	103.36 5.01 -1.95	96.33 4.81 -0.74	91.52 4.69 0.00	82.08 3.91 0.00	74.71 3.29 0.00	82.65 3.10 0.00
EIGHT_POINT___WT_PWR 323820	60.02 -3.90 0.00	49.40 -3.10 0.00	44.25 -2.23 0.00	42.92 -1.93 0.00	43.90 -1.92 0.00	45.95 -2.11 0.00	51.95 -1.50 0.00	53.58 -2.58 0.00	56.19 -2.89 0.00	64.47 -2.62 0.00	67.54 -2.96 0.00	60.33 -2.32 0.00	56.11 -2.09 0.00	59.59 -1.72 0.00	56.00 -1.38 0.00	66.63 -1.09 0.00	71.95 -0.50 0.00	93.45 -0.56 0.00	96.20 -0.67 -0.47	89.78 -1.18 -0.18	84.92 -1.91 0.00	75.52 -2.66 0.00	69.64 -1.78 0.00	78.12 -1.43 0.00
ELBRIDGE_115KV_TB2 80188	62.00 -1.92 0.00	50.82 -1.68 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.68 -1.15 0.00	46.96 -1.11 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.48 -1.61 0.00	68.81 -1.69 0.00	61.14 -1.50 0.00	56.86 -1.34 0.00	59.90 -1.41 0.00	56.00 -1.38 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.24 -1.54 0.00	85.18 -1.65 0.00	76.30 -1.88 0.00	69.92 -1.50 0.00	77.80 -1.75 0.00
ELEC_TRO_TEK 24086	69.49 3.64 -1.92	61.91 2.94 -6.48	64.50 2.32 -15.70	60.74 2.15 -13.75	61.25 2.15 -13.28	61.21 2.16 -10.99	70.13 2.19 -14.49	86.07 2.70 -27.21	85.56 2.95 -23.52	77.84 3.22 -7.53	76.97 3.67 -2.80	74.19 3.26 -8.29	61.05 2.85 0.00	64.44 3.13 0.00	60.24 2.87 0.00	75.25 3.45 -4.08	91.46 4.49 -14.51	112.84 6.30 -12.53	104.75 6.56 -1.80	102.93 6.26 -5.88	97.64 6.08 -4.73	91.29 5.16 -7.96	80.54 4.57 -4.54	83.45 3.90 0.00

ELLENBURG_WT_PWR 323604	65.64 1.73 0.00	54.13 1.63 0.00	47.97 1.49 0.00	46.24 1.39 0.00	47.20 1.37 0.00	49.56 1.49 0.00	54.89 1.44 0.00	57.68 1.52 0.00	60.62 1.53 0.00	68.77 1.68 0.00	71.98 1.48 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.05 0.74 0.00	58.24 0.86 0.00	68.54 0.82 0.00	72.45 0.00 0.00	92.89 -1.12 0.00	95.05 -1.35 0.00	90.05 -0.73 0.00	86.23 -0.60 0.00	78.57 0.39 0.00	71.78 0.36 0.00	80.42 0.88 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.97 -5.94 0.00	47.72 -4.78 0.00	43.27 -3.21 0.00	42.29 -2.56 0.00	43.30 -2.52 0.00	45.47 -2.60 0.00	50.83 -2.62 0.00	51.67 -4.49 0.00	53.94 -5.14 0.00	62.13 -4.96 0.00	64.65 -5.85 0.00	57.82 -4.82 0.00	53.90 -4.31 0.00	57.57 -3.74 0.00	53.88 -3.50 0.00	63.86 -3.86 0.00	68.18 -4.27 0.00	87.62 -6.39 0.00	89.26 -7.13 0.00	83.43 -7.35 0.00	78.76 -8.08 0.00	69.81 -8.36 0.00	65.00 -6.43 0.00	73.98 -5.57 0.00
EMPIRE_CC_1 323656	66.28 2.37 0.00	54.39 1.89 0.00	48.06 1.58 0.00	46.28 1.43 0.00	47.29 1.47 0.00	49.60 1.54 0.00	55.00 1.55 0.00	57.85 1.68 0.00	60.97 1.89 0.00	69.10 2.01 0.00	72.82 2.32 0.00	64.71 2.06 0.00	60.06 1.86 0.00	63.33 2.02 0.00	59.16 1.78 0.00	69.69 1.97 0.00	75.20 2.75 0.00	97.87 3.86 0.00	105.32 3.95 -4.96	96.38 3.72 -1.88	90.48 3.65 0.00	81.31 3.13 0.00	74.28 2.86 0.00	82.41 2.86 0.00
EMPIRE_CC_2 323658	66.28 2.37 0.00	54.39 1.89 0.00	48.06 1.58 0.00	46.28 1.43 0.00	47.29 1.47 0.00	49.60 1.54 0.00	55.00 1.55 0.00	57.85 1.68 0.00	60.97 1.89 0.00	69.10 2.01 0.00	72.82 2.32 0.00	64.71 2.06 0.00	60.06 1.86 0.00	63.33 2.02 0.00	59.16 1.78 0.00	69.69 1.97 0.00	75.20 2.75 0.00	97.87 3.86 0.00	105.32 3.95 -4.96	96.38 3.72 -1.88	90.48 3.65 0.00	81.31 3.13 0.00	74.28 2.86 0.00	82.41 2.86 0.00
ENORWICH_115KV_TB1 80156	67.69 3.77 0.00	55.18 2.68 0.00	48.99 2.51 0.00	47.45 2.60 0.00	48.44 2.61 0.00	50.81 2.74 0.00	56.82 3.37 0.00	59.70 3.54 0.00	62.98 3.90 0.00	71.99 4.90 0.00	75.51 5.01 0.00	66.78 4.13 0.00	61.75 3.55 0.00	65.11 3.80 0.00	60.82 3.44 0.00	72.80 5.08 0.00	79.04 6.59 0.00	103.89 9.87 0.00	107.73 10.12 -1.21	100.96 9.71 -0.46	95.34 8.51 0.00	85.53 7.35 0.00	78.28 6.86 0.00	87.11 7.56 0.00
ERIE_ST__34_KV_TB1-2 80199	58.49 -5.43 0.00	48.14 -4.36 0.00	43.65 -2.84 0.00	42.65 -2.20 0.00	43.62 -2.20 0.00	45.81 -2.26 0.00	51.26 -2.19 0.00	52.29 -3.88 0.00	54.65 -4.43 0.00	62.86 -4.23 0.00	65.42 -5.08 0.00	58.51 -4.13 0.00	54.54 -3.67 0.00	58.18 -3.13 0.00	54.51 -2.87 0.00	64.60 -3.12 0.00	69.05 -3.41 0.00	88.75 -5.26 0.00	90.52 -5.88 0.00	84.52 -6.26 0.00	79.89 -6.95 0.00	70.83 -7.35 0.00	65.78 -5.64 0.00	74.85 -4.69 0.00
ERIE_WT_PWR 323693	58.29 -5.63 0.00	48.25 -4.25 0.00	43.50 -2.98 0.00	42.51 -2.33 0.00	43.53 -2.29 0.00	45.38 -2.69 0.00	51.10 -2.35 0.00	52.18 -3.99 0.00	54.30 -4.78 0.00	62.53 -4.56 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.28 -3.10 0.00	64.34 -3.38 0.00	68.76 -3.69 0.00	88.28 -5.74 0.00	90.23 -6.17 0.00	84.07 -6.72 0.00	79.37 -7.47 0.00	70.36 -7.82 0.00	65.50 -5.93 0.00	74.22 -5.33 0.00
ESPRGFLD_115KV_TB1 80157	65.71 1.79 0.00	53.86 1.36 0.00	47.60 1.12 0.00	45.97 1.12 0.00	47.01 1.19 0.00	49.36 1.30 0.00	55.05 1.60 0.00	57.96 1.80 0.00	61.09 2.01 0.00	69.24 2.15 0.00	72.40 1.90 0.00	63.96 1.32 0.00	59.13 0.93 0.00	62.41 1.10 0.00	58.24 0.86 0.00	69.41 1.69 0.00	75.64 3.19 0.00	99.28 5.26 0.00	115.44 5.59 -13.45	101.04 5.17 -5.08	91.44 4.60 0.00	82.01 3.83 0.00	74.85 3.43 0.00	82.97 3.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.79 -0.13 0.00	52.29 -0.21 0.00	46.57 0.09 0.00	44.98 0.13 0.00	46.01 0.18 0.00	48.31 0.24 0.00	53.93 0.48 0.00	56.50 0.34 0.00	59.38 0.30 0.00	67.63 0.54 0.00	70.92 0.42 0.00	63.02 0.38 0.00	58.55 0.35 0.00	61.74 0.43 0.00	57.72 0.34 0.00	68.46 0.74 0.00	73.75 1.30 0.00	96.18 2.16 0.00	99.27 2.31 -0.56	92.90 1.91 -0.21	88.31 1.48 0.00	79.04 0.86 0.00	72.42 1.00 0.00	80.58 1.03 0.00
ETNA____115KV_TB2 80207	63.79 -0.13 0.00	52.29 -0.21 0.00	46.57 0.09 0.00	44.98 0.13 0.00	46.01 0.18 0.00	48.31 0.24 0.00	53.93 0.48 0.00	56.50 0.34 0.00	59.38 0.30 0.00	67.63 0.54 0.00	70.92 0.42 0.00	63.02 0.38 0.00	58.55 0.35 0.00	61.74 0.43 0.00	57.72 0.34 0.00	68.46 0.74 0.00	73.75 1.30 0.00	96.18 2.16 0.00	99.27 2.31 -0.56	92.90 1.91 -0.21	88.31 1.48 0.00	79.04 0.86 0.00	72.42 1.00 0.00	80.58 1.03 0.00
EUCLID____115KV_TB2 356179	61.81 -2.11 0.00	50.66 -1.84 0.00	45.04 -1.44 0.00	43.50 -1.35 0.00	44.49 -1.33 0.00	46.72 -1.35 0.00	52.01 -1.44 0.00	54.48 -1.68 0.00	57.25 -1.83 0.00	65.21 -1.88 0.00	68.46 -2.04 0.00	60.89 -1.75 0.00	56.57 -1.63 0.00	59.65 -1.66 0.00	55.77 -1.61 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	92.13 -1.88 0.00	94.47 -1.93 0.00	88.79 -2.00 0.00	84.75 -2.08 0.00	75.99 -2.19 0.00	69.57 -1.86 0.00	77.40 -2.15 0.00
E_CANADA_CAP_HY 24051	66.60 2.68 0.00	54.65 2.15 0.00	48.25 1.77 0.00	46.50 1.66 0.00	47.56 1.74 0.00	50.04 1.97 0.00	55.75 2.30 0.00	58.70 2.53 0.00	61.86 2.78 0.00	69.78 2.69 0.00	72.76 2.26 0.00	64.15 1.50 0.00	59.19 0.99 0.00	62.47 1.16 0.00	58.29 0.92 0.00	69.41 1.69 0.00	76.29 3.84 0.00	100.50 6.48 0.00	120.87 7.03 -17.44	103.91 6.54 -6.59	92.74 5.91 0.00	83.18 5.01 0.00	75.93 4.50 0.00	84.16 4.61 0.00
E_CANADA_MHWK_HY 24050	69.42 5.50 0.00	56.80 4.31 0.00	50.20 3.72 0.00	48.43 3.59 0.00	49.44 3.62 0.00	51.82 3.75 0.00	57.67 4.22 0.00	60.60 4.44 0.00	63.93 4.85 0.00	72.66 5.57 0.00	76.42 5.92 0.00	67.84 5.20 0.00	62.86 4.66 0.00	66.15 4.84 0.00	61.85 4.48 0.00	73.41 5.69 0.00	78.97 6.52 0.00	102.95 8.94 0.00	105.56 9.16 0.00	99.69 8.90 0.00	95.35 8.51 0.00	86.38 8.21 0.00	79.21 7.79 0.00	88.38 8.83 0.00
E_FISHKILL____LBMP 23776	66.47 2.56 0.00	54.49 1.99 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.79 1.34 0.00	57.85 1.68 0.00	60.98 1.89 0.00	69.04 1.95 0.00	72.83 2.33 0.00	64.77 2.13 0.00	60.12 1.92 0.00	63.39 2.08 0.00	59.27 1.89 0.00	69.95 2.23 0.00	75.57 3.12 0.00	98.43 4.42 0.00	102.86 4.63 -1.83	95.92 4.45 -0.69	91.18 4.34 0.00	81.77 3.60 0.00	74.64 3.21 0.00	82.33 2.78 0.00
FALCON____SEABRD_CC1 323796	66.54 2.62 0.00	54.86 2.36 0.00	48.62 2.14 0.00	46.86 2.02 0.00	47.84 2.01 0.00	50.23 2.16 0.00	55.32 1.87 0.00	58.13 1.96 0.00	61.15 2.07 0.00	69.37 2.28 0.00	72.69 2.19 0.00	64.40 1.75 0.00	59.71 1.51 0.00	62.60 1.29 0.00	58.75 1.37 0.00	69.14 1.42 0.00	73.25 0.80 0.00	93.73 -0.28 0.00	95.92 -0.48 0.00	90.87 0.09 0.00	87.01 0.17 0.00	79.27 1.09 0.00	72.50 1.07 0.00	81.30 1.75 0.00

FALCON___SEABRD_CC2 323797	66.54 2.62 0.00	54.86 2.36 0.00	48.62 2.14 0.00	46.86 2.02 0.00	47.84 2.01 0.00	50.23 2.16 0.00	55.32 1.87 0.00	58.13 1.96 0.00	61.15 2.07 0.00	69.37 2.28 0.00	72.69 2.19 0.00	64.40 1.75 0.00	59.71 1.51 0.00	62.60 1.29 0.00	58.75 1.37 0.00	69.14 1.42 0.00	73.25 0.80 0.00	93.73 -0.28 0.00	95.92 -0.48 0.00	90.87 0.09 0.00	87.01 0.17 0.00	79.27 1.09 0.00	72.50 1.07 0.00	81.30 1.75 0.00
FAR ROCKAWAY___4 23548	70.19 4.35 -1.92	62.44 3.46 -6.48	65.02 2.84 -15.70	61.19 2.60 -13.75	61.71 2.61 -13.28	61.70 2.64 -10.99	70.72 2.78 -14.49	86.63 3.26 -27.21	86.15 3.55 -23.52	78.58 3.96 -7.53	77.67 4.37 -2.80	74.82 3.88 -8.29	61.64 3.43 0.00	65.05 3.74 0.00	60.82 3.44 0.00	76.00 4.20 -4.08	92.40 5.43 -14.51	114.56 7.52 -13.02	106.48 7.90 -2.18	104.11 7.44 -5.88	99.10 7.21 -5.06	92.31 6.18 -7.96	81.46 5.50 -4.54	84.48 4.93 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	66.67 2.75 0.00	54.70 2.20 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.33 2.25 0.00	69.51 2.42 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.61 2.24 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.28 5.26 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	82.65 3.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	66.67 2.75 0.00	54.70 2.20 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.33 2.25 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.28 5.26 0.00	103.69 5.49 -1.80	96.73 5.27 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	82.65 3.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.07 3.62 0.00	99.18 5.17 0.00	103.60 5.40 -1.80	96.64 5.17 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.57 3.02 0.00
FARRAGUT___LBMP 323566	66.60 2.68 0.00	54.65 2.15 0.00	48.15 1.67 0.00	46.37 1.52 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.49 2.94 0.00
FENNER___WINDPWR 24204	64.49 0.57 0.00	52.92 0.42 0.00	46.90 0.42 0.00	45.34 0.49 0.00	46.33 0.50 0.00	48.65 0.58 0.00	54.25 0.80 0.00	57.01 0.84 0.00	59.97 0.89 0.00	68.16 1.07 0.00	71.63 1.12 0.00	63.59 0.94 0.00	59.08 0.87 0.00	62.23 0.92 0.00	58.24 0.86 0.00	69.00 1.28 0.00	74.12 1.67 0.00	96.55 2.54 0.00	99.00 2.60 0.00	93.14 2.36 0.00	88.83 2.00 0.00	79.74 1.56 0.00	72.93 1.50 0.00	81.14 1.59 0.00
FIBERTEK___ENERGY 23856	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
FITZPATRICK____ 23598	61.11 -2.81 0.00	50.19 -2.31 0.00	44.53 -1.95 0.00	43.00 -1.84 0.00	43.94 -1.88 0.00	46.09 -1.97 0.00	51.31 -2.14 0.00	53.86 -2.31 0.00	56.61 -2.48 0.00	64.34 -2.75 0.00	67.61 -2.89 0.00	60.07 -2.57 0.00	55.87 -2.33 0.00	58.85 -2.45 0.00	55.08 -2.30 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.72 -3.29 0.00	93.02 -3.38 0.00	87.43 -3.36 0.00	83.53 -3.30 0.00	74.97 -3.21 0.00	68.64 -2.79 0.00	76.36 -3.18 0.00
FLOWRFLD_69_KV_BK1 356044	70.83 4.99 -1.92	62.91 3.94 -6.48	65.43 3.25 -15.70	61.64 3.05 -13.75	62.17 3.07 -13.28	62.22 3.17 -10.99	71.36 3.42 -14.49	87.30 3.93 -27.21	86.86 4.25 -23.52	79.18 4.56 -7.53	78.31 5.01 -2.80	75.45 4.51 -8.29	62.16 3.96 0.00	65.66 4.35 0.00	61.39 4.02 0.00	76.81 5.01 -4.08	93.19 6.23 -14.51	114.67 8.56 -12.10	106.73 8.87 -1.47	104.56 7.90 -5.88	99.17 7.90 -4.44	92.70 6.57 -7.96	81.89 5.93 -4.54	84.64 5.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	67.11 3.20 0.00	55.02 2.52 0.00	48.43 1.95 0.00	46.64 1.79 0.00	47.66 1.83 0.00	49.89 1.83 0.00	55.37 1.92 0.00	58.41 2.25 0.00	61.63 2.54 0.00	69.64 2.55 0.00	73.53 3.03 0.00	65.28 2.63 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.56 2.84 0.00	76.36 3.91 0.00	99.75 5.73 0.00	104.24 5.98 -1.87	97.12 5.63 -0.71	92.39 5.56 0.00	82.87 4.69 0.00	75.49 4.07 0.00	83.37 3.82 0.00
FORT ORANGE____ 23900	66.41 2.49 0.00	54.54 2.05 0.00	48.15 1.67 0.00	46.41 1.57 0.00	47.43 1.60 0.00	49.75 1.68 0.00	55.11 1.66 0.00	57.51 1.35 0.00	60.62 1.53 0.00	68.57 1.47 0.00	72.33 1.83 0.00	64.27 1.63 0.00	59.54 1.34 0.00	62.78 1.47 0.00	58.70 1.32 0.00	68.87 1.15 0.00	74.41 1.96 0.00	96.83 2.82 0.00	109.00 2.70 -9.90	97.16 2.63 -3.74	89.53 2.69 0.00	80.52 2.34 0.00	73.78 2.35 0.00	82.65 3.10 0.00
FORT_DRUM_COGEN 23780	64.94 1.02 0.00	53.18 0.68 0.00	47.04 0.56 0.00	45.52 0.67 0.00	46.56 0.73 0.00	48.93 0.87 0.00	54.62 1.18 0.00	57.51 1.35 0.00	60.50 1.42 0.00	68.84 1.74 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.78 1.47 0.00	58.75 1.38 0.00	69.68 1.96 0.00	74.99 2.54 0.00	98.15 4.14 0.00	100.45 4.05 0.00	94.78 3.99 0.00	90.13 3.30 0.00	81.38 3.21 0.00	74.35 2.93 0.00	82.89 3.34 0.00
FOX_HILLS___ESR 323835	66.16 2.24 0.00	54.55 2.05 0.00	51.44 1.91 -3.06	51.47 1.75 -4.88	51.48 1.70 -3.96	51.36 1.63 -1.66	54.46 1.02 0.00	57.74 1.57 0.00	60.98 1.89 0.00	69.24 2.15 0.00	73.04 2.54 0.00	65.02 2.38 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	55.17 2.30 14.86	86.85 3.48 -10.92	112.32 4.89 -13.42	122.19 5.40 -20.39	110.31 5.08 -14.44	110.29 4.95 -18.51	97.84 4.07 -15.59	81.93 3.50 -7.01	82.01 2.47 0.00
FPL FAR_ROCK_GT1 24212	70.19 4.35 -1.92	62.39 3.41 -6.48	65.02 2.84 -15.70	61.19 2.60 -13.75	61.71 2.61 -13.28	61.79 2.74 -10.99	70.72 2.78 -14.49	86.63 3.26 -27.21	86.15 3.54 -23.52	78.58 3.96 -7.53	77.67 4.37 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.05 3.74 0.00	60.82 3.44 0.00	75.93 4.13 -4.08	92.33 5.36 -14.51	114.56 7.52 -13.02	106.29 7.71 -2.18	104.11 7.45 -5.88	99.19 7.29 -5.06	92.31 6.17 -7.96	81.39 5.43 -4.54	84.64 5.10 0.00

FPL FAR_ROCK_GT2 23815	70.19 4.35 -1.92	62.39 3.41 -6.48	65.02 2.84 -15.70	61.19 2.60 -13.75	61.71 2.61 -13.28	61.79 2.74 -10.99	70.72 2.78 -14.49	86.63 3.26 -27.21	86.15 3.54 -23.52	78.58 3.96 -7.53	77.67 4.37 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.05 3.74 0.00	60.82 3.44 0.00	75.93 4.13 -4.08	92.33 5.36 -14.51	114.56 7.52 -13.02	106.29 7.71 -2.18	104.11 7.45 -5.88	99.19 7.29 -5.06	92.31 6.17 -7.96	81.39 5.43 -4.54	84.64 5.10 0.00
FRANKLIN_FALL_HYD 24054	66.67 2.75 0.00	55.07 2.57 0.00	48.76 2.28 0.00	47.00 2.15 0.00	47.89 2.06 0.00	50.37 2.31 0.00	55.96 2.51 0.00	58.86 2.70 0.00	61.92 2.84 0.00	70.24 3.15 0.00	73.60 3.10 0.00	65.21 2.57 0.00	60.65 2.44 0.00	63.52 2.21 0.00	59.67 2.30 0.00	70.16 2.44 0.00	74.26 1.81 0.00	95.14 1.13 0.00	97.17 0.77 0.00	92.15 1.36 0.00	87.96 1.13 0.00	80.44 2.27 0.00	73.57 2.14 0.00	82.57 3.02 0.00
FREEPORT_EQUS_GT1 23764	69.87 4.03 -1.92	62.12 3.15 -6.48	64.78 2.60 -15.70	61.01 2.42 -13.75	61.53 2.43 -13.28	61.55 2.50 -10.99	70.45 2.51 -14.49	86.35 2.97 -27.21	85.91 3.31 -23.52	78.24 3.62 -7.53	77.32 4.02 -2.80	74.57 3.63 -8.29	61.34 3.14 0.00	64.80 3.49 0.00	60.53 3.15 0.00	75.66 3.86 -4.08	91.67 4.71 -14.51	113.09 6.68 -12.40	104.95 6.85 -1.70	103.21 6.54 -5.88	97.99 6.43 -4.73	91.77 5.63 -7.96	80.96 5.00 -4.54	84.08 4.53 0.00
FREEPORT___CT2 23818	69.87 4.03 -1.92	62.12 3.15 -6.48	64.78 2.60 -15.70	61.01 2.42 -13.75	61.53 2.43 -13.28	61.55 2.50 -10.99	70.45 2.51 -14.49	86.35 2.97 -27.21	85.91 3.31 -23.52	78.24 3.62 -7.53	77.32 4.02 -2.80	74.57 3.63 -8.29	61.34 3.14 0.00	64.80 3.49 0.00	60.53 3.15 0.00	75.66 3.86 -4.08	91.67 4.71 -14.51	113.09 6.68 -12.40	104.95 6.85 -1.70	103.21 6.54 -5.88	97.99 6.43 -4.73	91.77 5.63 -7.96	80.96 5.00 -4.54	84.08 4.53 0.00
FRESHKLS_33_KV_LOAD 356253	65.96 2.05 0.00	54.49 1.99 0.00	51.44 1.91 -3.06	51.42 1.70 -4.88	51.48 1.70 -3.96	51.32 1.59 -1.66	54.25 0.80 0.00	57.51 1.35 0.00	60.80 1.71 0.00	69.04 1.95 0.00	72.83 2.33 0.00	54.29 2.13 10.48	55.07 1.98 5.11	63.45 2.15 0.00	59.33 1.95 0.00	54.96 2.10 14.86	86.63 3.26 -10.92	112.04 4.61 -13.42	121.90 5.11 -20.39	110.04 4.81 -14.44	110.12 4.78 -18.51	97.68 3.91 -15.59	81.72 3.29 -7.01	81.78 2.23 0.00
FULTON COGEN____ 23766	61.81 -2.11 0.00	50.71 -1.78 0.00	45.04 -1.44 0.00	43.50 -1.35 0.00	44.45 -1.37 0.00	46.67 -1.39 0.00	52.01 -1.44 0.00	54.54 -1.63 0.00	57.31 -1.77 0.00	65.28 -1.81 0.00	68.60 -1.90 0.00	60.95 -1.69 0.00	56.69 -1.51 0.00	59.71 -1.59 0.00	55.83 -1.55 0.00	65.89 -1.83 0.00	70.78 -1.67 0.00	92.13 -1.88 0.00	94.57 -1.83 0.00	88.79 -2.00 0.00	84.75 -2.08 0.00	75.99 -2.19 0.00	69.57 -1.86 0.00	77.40 -2.15 0.00
FULTON___LFGE 323630	67.62 3.71 0.00	55.44 2.94 0.00	48.94 2.46 0.00	47.18 2.33 0.00	48.30 2.47 0.00	50.80 2.74 0.00	56.55 3.10 0.00	59.48 3.31 0.00	62.69 3.60 0.00	70.85 3.75 0.00	73.95 3.45 0.00	65.27 2.63 0.00	60.24 2.04 0.00	63.58 2.27 0.00	59.33 1.95 0.00	70.63 2.91 0.00	77.38 4.93 0.00	101.91 7.90 0.00	123.98 8.49 -19.10	105.89 7.89 -7.22	94.04 7.20 0.00	84.35 6.17 0.00	77.00 5.57 0.00	85.35 5.80 0.00
G.F.CEMENT___DRP 24184	68.78 4.86 0.00	56.49 3.99 0.00	49.83 3.35 0.00	48.03 3.18 0.00	49.17 3.35 0.00	51.67 3.60 0.00	57.46 4.01 0.00	60.43 4.27 0.00	63.81 4.73 0.00	72.39 5.30 0.00	76.00 5.50 0.00	67.22 4.57 0.00	62.22 4.02 0.00	65.54 4.23 0.00	61.16 3.79 0.00	72.53 4.81 0.00	78.68 6.23 0.00	103.04 9.03 0.00	125.10 9.64 -19.07	106.88 8.90 -7.20	95.17 8.34 0.00	85.37 7.19 0.00	77.99 6.57 0.00	86.47 6.92 0.00
GARDENVILLE___LBMP 24039	58.10 -5.82 0.00	47.83 -4.67 0.00	43.41 -3.07 0.00	42.38 -2.47 0.00	43.39 -2.43 0.00	45.57 -2.50 0.00	50.94 -2.51 0.00	51.90 -4.27 0.00	54.18 -4.90 0.00	62.33 -4.76 0.00	64.93 -5.57 0.00	58.07 -4.57 0.00	54.13 -4.07 0.00	57.75 -3.56 0.00	54.10 -3.27 0.00	64.06 -3.66 0.00	68.47 -3.98 0.00	88.00 -6.02 0.00	89.75 -6.65 0.00	83.88 -6.90 0.00	79.19 -7.64 0.00	70.12 -8.05 0.00	65.28 -6.14 0.00	74.30 -5.25 0.00
GARDNVLA_35_KV_LD 355827	58.36 -5.56 0.00	48.04 -4.46 0.00	43.55 -2.93 0.00	42.56 -2.29 0.00	43.58 -2.25 0.00	45.76 -2.31 0.00	51.15 -2.30 0.00	52.07 -4.10 0.00	54.36 -4.73 0.00	62.60 -4.50 0.00	65.14 -5.36 0.00	58.26 -4.39 0.00	54.30 -3.90 0.00	57.94 -3.37 0.00	54.33 -3.04 0.00	64.33 -3.39 0.00	68.76 -3.69 0.00	88.37 -5.64 0.00	90.04 -6.36 0.00	84.16 -6.63 0.00	79.45 -7.38 0.00	70.44 -7.74 0.00	65.50 -5.93 0.00	74.62 -4.93 0.00
GELCKHM___115KV_LOAD 80723	61.87 -2.05 0.00	50.77 -1.73 0.00	45.09 -1.39 0.00	43.59 -1.26 0.00	44.59 -1.24 0.00	46.82 -1.25 0.00	52.06 -1.39 0.00	54.59 -1.57 0.00	57.37 -1.71 0.00	65.35 -1.74 0.00	68.67 -1.83 0.00	61.02 -1.63 0.00	56.69 -1.51 0.00	59.78 -1.53 0.00	55.88 -1.49 0.00	66.09 -1.63 0.00	70.93 -1.52 0.00	92.23 -1.79 0.00	94.66 -1.74 0.00	88.97 -1.82 0.00	84.92 -1.91 0.00	76.14 -2.03 0.00	69.71 -1.71 0.00	77.56 -1.99 0.00
GENERAL___MILLS 23808	58.23 -5.69 0.00	47.98 -4.51 0.00	43.51 -2.97 0.00	42.51 -2.33 0.00	43.49 -2.34 0.00	45.66 -2.40 0.00	51.04 -2.41 0.00	52.01 -4.16 0.00	54.30 -4.79 0.00	62.46 -4.63 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.22 -3.16 0.00	64.27 -3.45 0.00	68.61 -3.84 0.00	88.19 -5.83 0.00	89.94 -6.46 0.00	83.97 -6.81 0.00	79.37 -7.47 0.00	70.28 -7.90 0.00	65.42 -6.00 0.00	74.46 -5.09 0.00
GE_PLASTICS___DRP 24183	65.90 1.98 0.00	54.07 1.57 0.00	47.78 1.30 0.00	46.06 1.21 0.00	47.06 1.24 0.00	49.32 1.25 0.00	54.68 1.23 0.00	57.46 1.29 0.00	60.50 1.42 0.00	68.57 1.48 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.60 1.40 0.00	62.84 1.53 0.00	58.69 1.32 0.00	69.07 1.35 0.00	74.48 2.03 0.00	96.83 2.82 0.00	106.99 2.80 -7.80	96.45 2.72 -2.95	89.61 2.78 0.00	80.52 2.35 0.00	73.64 2.21 0.00	81.93 2.39 0.00
GILBOA___1 23756	65.39 1.47 0.00	53.65 1.15 0.00	47.41 0.93 0.00	45.69 0.85 0.00	46.69 0.87 0.00	48.98 0.91 0.00	54.36 0.91 0.00	57.18 1.01 0.00	60.20 1.12 0.00	68.30 1.21 0.00	71.91 1.41 0.00	63.90 1.25 0.00	59.31 1.10 0.00	62.53 1.23 0.00	58.46 1.09 0.00	69.00 1.28 0.00	74.33 1.88 0.00	96.83 2.82 0.00	100.42 2.89 -1.13	93.93 2.72 -0.43	89.44 2.60 0.00	80.29 2.11 0.00	73.35 1.93 0.00	81.38 1.83 0.00
GILBOA___2 23757	65.39 1.47 0.00	53.65 1.15 0.00	47.41 0.93 0.00	45.69 0.85 0.00	46.69 0.87 0.00	48.98 0.91 0.00	54.36 0.91 0.00	57.18 1.01 0.00	60.20 1.12 0.00	68.30 1.21 0.00	71.91 1.41 0.00	63.90 1.25 0.00	59.31 1.10 0.00	62.53 1.23 0.00	58.46 1.09 0.00	69.00 1.28 0.00	74.33 1.88 0.00	96.83 2.82 0.00	100.42 2.89 -1.13	93.93 2.72 -0.43	89.44 2.60 0.00	80.29 2.11 0.00	73.35 1.93 0.00	81.38 1.83 0.00

GILBOA___3 23758	65.39 1.47 0.00	53.65 1.15 0.00	47.41 0.93 0.00	45.69 0.85 0.00	46.69 0.87 0.00	48.98 0.91 0.00	54.36 0.91 0.00	57.18 1.01 0.00	60.20 1.12 0.00	68.30 1.21 0.00	71.91 1.41 0.00	63.90 1.25 0.00	59.31 1.10 0.00	62.53 1.23 0.00	58.46 1.09 0.00	69.00 1.28 0.00	74.33 1.88 0.00	96.83 2.82 0.00	100.42 2.89 -1.13	93.93 2.72 -0.43	89.44 2.60 0.00	80.29 2.11 0.00	73.35 1.93 0.00	81.38 1.83 0.00
GILBOA___4 23759	65.39 1.47 0.00	53.65 1.15 0.00	47.41 0.93 0.00	45.69 0.85 0.00	46.69 0.87 0.00	48.98 0.91 0.00	54.36 0.91 0.00	57.18 1.01 0.00	60.20 1.12 0.00	68.30 1.21 0.00	71.91 1.41 0.00	63.90 1.25 0.00	59.31 1.10 0.00	62.53 1.23 0.00	58.46 1.09 0.00	69.00 1.28 0.00	74.33 1.88 0.00	96.83 2.82 0.00	100.42 2.89 -1.13	93.93 2.72 -0.43	89.44 2.60 0.00	80.29 2.11 0.00	73.35 1.93 0.00	81.38 1.83 0.00
GILBOA___ 23599	65.39 1.47 0.00	53.65 1.15 0.00	47.41 0.93 0.00	45.70 0.85 0.00	46.69 0.87 0.00	48.93 0.87 0.00	54.36 0.91 0.00	57.18 1.01 0.00	60.21 1.12 0.00	68.30 1.21 0.00	71.91 1.41 0.00	63.90 1.25 0.00	59.31 1.11 0.00	62.53 1.23 0.00	58.47 1.09 0.00	69.01 1.29 0.00	74.41 1.96 0.00	96.83 2.82 0.00	100.42 2.89 -1.13	93.94 2.72 -0.43	89.44 2.61 0.00	80.29 2.11 0.00	73.35 1.93 0.00	81.38 1.83 0.00
GINNA___ 23603	58.17 -5.75 0.00	47.83 -4.67 0.00	42.85 -3.63 0.00	41.57 -3.27 0.00	42.52 -3.30 0.00	44.51 -3.56 0.00	49.87 -3.58 0.00	51.79 -4.38 0.00	54.24 -4.84 0.00	61.99 -5.10 0.00	64.86 -5.64 0.00	57.82 -4.82 0.00	53.84 -4.37 0.00	57.02 -4.29 0.00	53.19 -4.19 0.00	63.05 -4.67 0.00	67.67 -4.78 0.00	87.81 -6.21 0.00	90.03 -6.37 0.00	84.25 -6.54 0.00	79.97 -6.86 0.00	71.37 -6.80 0.00	65.78 -5.64 0.00	73.42 -6.12 0.00
GLEN PARK___ 23778	65.26 1.34 0.00	53.44 0.95 0.00	47.27 0.79 0.00	45.79 0.94 0.00	46.79 0.96 0.00	49.17 1.11 0.00	54.89 1.44 0.00	57.85 1.68 0.00	60.80 1.71 0.00	69.24 2.15 0.00	72.69 2.19 0.00	64.52 1.88 0.00	59.95 1.74 0.00	63.15 1.84 0.00	59.04 1.66 0.00	70.15 2.43 0.00	75.56 3.11 0.00	98.99 4.98 0.00	101.31 4.91 0.00	95.59 4.81 0.00	90.83 4.00 0.00	81.93 3.75 0.00	74.92 3.50 0.00	83.44 3.90 0.00
GLENDALE_27_KV_LOAD 356172	66.60 2.68 0.00	54.76 2.26 0.00	48.39 1.91 0.00	46.59 1.75 0.00	47.52 1.70 0.00	49.75 1.68 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.39 2.30 0.00	69.71 2.62 0.00	73.53 3.03 0.00	65.46 2.82 0.00	60.76 2.56 0.00	64.07 2.76 0.00	59.90 2.52 0.00	70.56 2.84 0.00	76.44 3.98 0.00	99.56 5.55 0.00	104.17 5.98 -1.80	97.09 5.63 -0.68	92.30 5.47 0.00	82.71 4.53 0.00	75.42 4.00 0.00	82.65 3.10 0.00
GLENWOOD_IC_1_G5 23712	69.61 3.77 -1.92	62.18 3.20 -6.48	64.78 2.60 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.26 2.21 -10.99	70.24 2.30 -14.49	86.18 2.81 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.81 -2.80	74.38 3.45 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.30 2.93 0.00	75.39 3.59 -4.08	91.67 4.71 -14.51	113.22 6.67 -12.53	105.14 6.94 -1.80	103.20 6.54 -5.88	97.90 6.34 -4.73	91.45 5.32 -7.96	80.68 4.71 -4.54	83.60 4.06 0.00
GLENWOOD_IC_2_G1 23688	69.61 3.77 -1.92	61.97 2.99 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.35 2.24 -13.28	61.36 2.31 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.32 3.38 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.36 2.98 0.00	75.32 3.52 -4.08	91.61 4.64 -14.51	113.12 6.58 -12.53	104.94 6.75 -1.80	103.11 6.45 -5.88	97.90 6.34 -4.73	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00
GLENWOOD_IC_3_G1 23689	69.61 3.77 -1.92	61.97 2.99 -6.48	64.64 2.46 -15.70	60.88 2.29 -13.75	61.35 2.24 -13.28	61.36 2.31 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.32 3.38 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.36 2.98 0.00	75.32 3.52 -4.08	91.61 4.64 -14.51	113.12 6.58 -12.53	104.94 6.75 -1.80	103.11 6.45 -5.88	97.90 6.34 -4.73	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00
GLENWOOD___4 23550	69.68 3.84 -1.92	62.18 3.20 -6.48	64.78 2.60 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.36 2.31 -10.99	70.35 2.41 -14.49	86.24 2.86 -27.21	85.79 3.19 -23.52	78.04 3.42 -7.53	77.18 3.88 -2.80	74.45 3.51 -8.29	61.23 3.03 0.00	64.62 3.31 0.00	60.42 3.04 0.00	75.52 3.72 -4.08	91.75 4.78 -14.51	113.31 6.77 -12.53	105.23 7.04 -1.80	103.29 6.63 -5.88	97.99 6.43 -4.73	91.61 5.47 -7.96	80.75 4.79 -4.54	83.76 4.22 0.00
GLENWOOD___5 23614	69.68 3.84 -1.92	62.18 3.20 -6.48	64.78 2.60 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.36 2.31 -10.99	70.35 2.41 -14.49	86.24 2.86 -27.21	85.79 3.19 -23.52	78.04 3.42 -7.53	77.18 3.88 -2.80	74.45 3.51 -8.29	61.23 3.03 0.00	64.62 3.31 0.00	60.42 3.04 0.00	75.52 3.72 -4.08	91.75 4.78 -14.51	113.31 6.77 -12.53	105.23 7.04 -1.80	103.29 6.63 -5.88	97.99 6.43 -4.73	91.61 5.47 -7.96	80.75 4.79 -4.54	83.76 4.22 0.00
GLOBAL GREEN_PORT_GT1 23814	71.34 5.50 -1.92	63.02 4.04 -6.48	65.62 3.44 -15.70	61.73 3.14 -13.75	62.26 3.16 -13.28	62.46 3.41 -10.99	71.63 3.69 -14.49	87.64 4.27 -27.21	87.09 4.49 -23.52	79.59 4.96 -7.53	78.03 4.72 -2.80	75.32 4.38 -8.29	61.98 3.78 0.00	65.54 4.23 0.00	61.10 3.73 0.00	76.54 4.74 -4.08	93.12 6.15 -14.51	115.23 9.12 -12.10	106.92 9.06 -1.47	105.38 8.72 -5.88	99.43 8.16 -4.44	92.93 6.80 -7.96	82.17 6.21 -4.54	85.76 6.21 0.00
GLOBE___DSASP 323697	56.57 -7.35 0.00	46.57 -5.93 0.00	42.44 -4.04 0.00	41.57 -3.27 0.00	42.52 -3.30 0.00	44.65 -3.41 0.00	49.44 -4.01 0.00	50.16 -6.01 0.00	52.29 -6.79 0.00	60.11 -6.98 0.00	62.60 -7.90 0.00	56.00 -6.64 0.00	52.21 -5.99 0.00	55.79 -5.52 0.00	52.27 -5.11 0.00	61.83 -5.89 0.00	65.93 -6.52 0.00	84.52 -9.50 0.00	86.08 -10.31 0.00	80.43 -10.35 0.00	75.89 -10.94 0.00	67.23 -10.94 0.00	62.78 -8.64 0.00	71.67 -7.88 0.00
GOETHSLN___LBMP 323567	66.16 2.24 0.00	54.28 1.78 0.00	47.72 1.35 0.11	45.88 1.21 0.17	46.83 1.15 0.14	49.12 1.11 0.05	54.22 1.02 0.24	56.01 1.52 1.67	55.95 1.77 4.91	55.22 1.88 13.75	54.22 2.26 18.54	54.22 2.07 10.49	54.95 1.86 5.11	54.95 2.02 8.38	54.95 1.84 4.26	55.02 2.17 14.86	42.89 3.12 32.68	42.68 4.51 55.85	42.51 4.82 58.71	41.05 4.54 54.27	38.50 4.52 52.85	39.04 3.67 42.81	46.44 3.14 28.12	52.19 2.47 29.82
GOLAH___69_KV_TB 1_2 80279	59.83 -4.09 0.00	49.09 -3.41 0.00	44.30 -2.18 0.00	43.10 -1.75 0.00	44.13 -1.70 0.00	46.38 -1.68 0.00	51.79 -1.66 0.00	53.25 -2.92 0.00	55.78 -3.31 0.00	63.94 -3.15 0.00	66.76 -3.74 0.00	59.57 -3.07 0.00	55.41 -2.79 0.00	58.79 -2.51 0.00	54.91 -2.47 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.25 -3.76 0.00	92.45 -3.95 0.00	86.34 -4.45 0.00	81.80 -5.04 0.00	72.86 -5.32 0.00	67.28 -4.14 0.00	75.81 -3.74 0.00

GOODYEAR_LAKE_HYD 323669	65.64 1.73 0.00	53.76 1.26 0.00	47.55 1.07 0.00	45.92 1.08 0.00	46.92 1.10 0.00	49.22 1.15 0.00	54.84 1.39 0.00	57.68 1.52 0.00	60.80 1.71 0.00	69.10 2.01 0.00	72.55 2.04 0.00	64.27 1.63 0.00	59.60 1.40 0.00	62.84 1.53 0.00	58.69 1.32 0.00	69.68 1.96 0.00	75.35 2.90 0.00	98.53 4.51 0.00	106.90 4.63 -5.88	97.36 4.36 -2.22	90.74 3.91 0.00	81.38 3.21 0.00	74.35 2.93 0.00	82.49 2.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	62.70 -1.21 0.00	51.50 -1.00 0.00	45.97 -0.51 0.00	44.44 -0.40 0.00	45.41 -0.41 0.00	47.63 -0.43 0.00	53.13 -0.32 0.00	55.55 -0.62 0.00	58.32 -0.77 0.00	66.35 -0.74 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.82 -0.49 0.00	56.92 -0.46 0.00	67.31 -0.41 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	97.29 0.10 -0.80	90.90 -0.18 -0.30	86.31 -0.52 0.00	77.24 -0.94 0.00	70.85 -0.57 0.00	79.07 -0.48 0.00
GOUDEY___7 23579	62.70 -1.21 0.00	51.50 -1.00 0.00	45.97 -0.51 0.00	44.44 -0.40 0.00	45.41 -0.41 0.00	47.63 -0.43 0.00	53.13 -0.32 0.00	55.55 -0.62 0.00	58.32 -0.77 0.00	66.35 -0.74 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.82 -0.49 0.00	56.92 -0.46 0.00	67.31 -0.41 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	97.29 0.10 -0.80	90.90 -0.18 -0.30	86.31 -0.52 0.00	77.24 -0.94 0.00	70.85 -0.57 0.00	79.07 -0.48 0.00
GOUDEY___8 23580	62.70 -1.21 0.00	51.50 -1.00 0.00	45.97 -0.51 0.00	44.44 -0.40 0.00	45.41 -0.41 0.00	47.63 -0.43 0.00	53.13 -0.32 0.00	55.55 -0.62 0.00	58.32 -0.77 0.00	66.35 -0.74 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.82 -0.49 0.00	56.92 -0.46 0.00	67.31 -0.41 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	97.29 0.10 -0.80	90.90 -0.18 -0.30	86.31 -0.52 0.00	77.24 -0.94 0.00	70.85 -0.57 0.00	79.07 -0.48 0.00
GOWANUS_GT1_1 24077	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_2 24078	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_3 24079	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_4 24080	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_5 24084	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_6 24111	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_7 24112	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT1_8 24113	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT2_1 24114	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_2 24115	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_3 24116	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00

GOWANUS_GT2_4 24117	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_5 24118	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_6 24119	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_7 24120	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT2_8 24121	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_1 24122	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_2 24123	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_3 24124	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_4 24125	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_5 24126	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_6 24127	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_7 24128	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT3_8 24129	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
GOWANUS_GT4_1 24130	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_2 24131	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00

GOWANUS_GT4_3 24132	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_4 24133	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_5 24134	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_6 24135	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_7 24136	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GOWANUS_GT4_8 24137	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GREENBSH_115KV_TB3 55895	66.03 2.11 0.00	54.18 1.68 0.00	47.87 1.39 0.00	46.10 1.26 0.00	47.11 1.28 0.00	49.36 1.30 0.00	54.73 1.28 0.00	57.51 1.35 0.00	60.56 1.48 0.00	68.57 1.48 0.00	72.40 1.90 0.00	64.34 1.69 0.00	59.66 1.46 0.00	62.96 1.66 0.00	58.81 1.43 0.00	69.01 1.29 0.00	74.41 1.96 0.00	96.74 2.73 0.00	109.35 2.70 -10.25	97.20 2.54 -3.87	89.44 2.61 0.00	80.44 2.27 0.00	73.64 2.21 0.00	81.93 2.39 0.00
GREENIDGE_115KV_TB5 80291	61.68 -2.24 0.00	50.61 -1.89 0.00	45.60 -0.88 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.49 -0.58 0.00	52.91 -0.53 0.00	55.04 -1.12 0.00	57.67 -1.42 0.00	65.88 -1.21 0.00	68.95 -1.55 0.00	61.39 -1.25 0.00	57.10 -1.11 0.00	60.33 -0.98 0.00	56.46 -0.92 0.00	67.04 -0.68 0.00	72.16 -0.29 0.00	93.92 -0.09 0.00	96.46 -0.39 -0.45	90.59 -0.36 -0.17	85.88 -0.96 0.00	76.46 -1.72 0.00	70.28 -1.14 0.00	78.59 -0.95 0.00
GREENIDGE___3 23582	61.68 -2.24 0.00	50.61 -1.89 0.00	45.60 -0.88 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.49 -0.58 0.00	52.91 -0.53 0.00	55.04 -1.12 0.00	57.67 -1.42 0.00	65.88 -1.21 0.00	68.95 -1.55 0.00	61.39 -1.25 0.00	57.10 -1.11 0.00	60.33 -0.98 0.00	56.46 -0.92 0.00	67.04 -0.68 0.00	72.16 -0.29 0.00	93.92 -0.09 0.00	96.46 -0.39 -0.45	90.59 -0.36 -0.17	85.88 -0.96 0.00	76.46 -1.72 0.00	70.28 -1.14 0.00	78.59 -0.95 0.00
GREENIDGE___4 23583	61.68 -2.24 0.00	50.71 -1.79 0.00	45.60 -0.88 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.35 -0.72 0.00	52.91 -0.53 0.00	55.10 -1.07 0.00	57.67 -1.42 0.00	65.89 -1.21 0.00	68.95 -1.55 0.00	61.39 -1.25 0.00	57.09 -1.11 0.00	60.33 -0.98 0.00	56.46 -0.92 0.00	67.04 -0.68 0.00	72.16 -0.29 0.00	94.01 0.00 0.00	96.56 -0.29 -0.45	90.59 -0.36 -0.17	85.88 -0.95 0.00	76.46 -1.72 0.00	70.28 -1.15 0.00	78.51 -1.04 0.00
GREENLWN_69_KV_BK 3 55738	70.06 4.22 -1.92	62.33 3.36 -6.48	64.92 2.74 -15.70	61.10 2.51 -13.75	61.62 2.52 -13.28	61.65 2.60 -10.99	70.67 2.73 -14.49	86.57 3.20 -27.21	86.09 3.49 -23.52	78.45 3.82 -7.53	77.60 4.30 -2.80	74.76 3.82 -8.29	61.58 3.38 0.00	65.05 3.74 0.00	60.76 3.39 0.00	75.93 4.13 -4.08	92.18 5.22 -14.51	113.44 7.33 -12.10	105.48 7.62 -1.47	103.84 7.17 -5.88	98.22 6.95 -4.44	92.00 5.86 -7.96	81.11 5.14 -4.54	84.08 4.53 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00
GRISSOM___SOLAR 323813	67.56 3.64 0.00	55.44 2.94 0.00	48.94 2.46 0.00	47.13 2.29 0.00	48.25 2.43 0.00	50.76 2.69 0.00	56.44 2.99 0.00	59.37 3.20 0.00	62.63 3.54 0.00	70.78 3.69 0.00	73.95 3.45 0.00	65.34 2.69 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.44 2.06 0.00	70.70 2.98 0.00	77.31 4.85 0.00	101.63 7.61 0.00	123.99 8.19 -19.41	105.74 7.63 -7.33	93.78 6.95 0.00	84.12 5.94 0.00	76.78 5.36 0.00	85.11 5.57 0.00
GROVEVILLE___HYD 323602	67.11 3.20 0.00	55.02 2.52 0.00	48.43 1.95 0.00	46.64 1.79 0.00	47.66 1.83 0.00	49.89 1.83 0.00	55.37 1.92 0.00	58.41 2.25 0.00	61.63 2.54 0.00	69.64 2.55 0.00	73.53 3.03 0.00	65.28 2.63 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.56 2.84 0.00	76.36 3.91 0.00	99.75 5.73 0.00	104.24 5.98 -1.87	97.12 5.63 -0.71	92.39 5.56 0.00	82.87 4.69 0.00	75.49 4.07 0.00	83.37 3.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00

HAMLTNNY_34_KV_TB 80303	62.32 -1.60 0.00	51.08 -1.42 0.00	45.46 -1.02 0.00	43.95 -0.90 0.00	44.95 -0.87 0.00	47.20 -0.87 0.00	52.59 -0.86 0.00	55.10 -1.07 0.00	57.90 -1.18 0.00	65.95 -1.14 0.00	69.23 -1.27 0.00	61.58 -1.06 0.00	57.21 -0.99 0.00	60.33 -0.98 0.00	56.40 -0.98 0.00	66.70 -1.02 0.00	71.73 -0.72 0.00	93.26 -0.75 0.00	95.72 -0.67 0.00	89.88 -0.91 0.00	85.79 -1.04 0.00	76.77 -1.41 0.00	70.35 -1.07 0.00	78.28 -1.27 0.00
HAMPSHIRE___PAPER_HYD 323593	64.88 0.96 0.00	53.44 0.95 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.23 0.00	60.20 1.12 0.00	68.36 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.87 1.15 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.48 0.00	72.99 1.57 0.00	81.77 2.22 0.00
HARDSCRABBLE_WT_PWR 323673	68.14 4.22 0.00	55.75 3.26 0.00	49.27 2.79 0.00	47.54 2.69 0.00	48.53 2.70 0.00	50.85 2.79 0.00	56.60 3.15 0.00	59.48 3.31 0.00	62.75 3.66 0.00	71.39 4.30 0.00	75.08 4.58 0.00	66.66 4.01 0.00	61.75 3.55 0.00	64.99 3.68 0.00	60.76 3.38 0.00	72.06 4.34 0.00	77.52 5.07 0.00	101.07 7.05 0.00	103.63 7.23 0.00	97.87 7.09 0.00	93.69 6.86 0.00	84.82 6.64 0.00	77.71 6.29 0.00	86.71 7.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	66.47 2.56 0.00	54.49 1.99 0.00	47.92 1.44 0.00	46.10 1.26 0.00	47.11 1.28 0.00	49.27 1.20 0.00	54.68 1.23 0.00	57.74 1.57 0.00	60.86 1.77 0.00	68.84 1.74 0.00	72.62 2.12 0.00	64.52 1.88 0.00	59.95 1.75 0.00	63.21 1.90 0.00	59.10 1.72 0.00	69.75 2.03 0.00	75.42 2.97 0.00	98.43 4.42 0.00	102.71 4.63 0.00	95.87 4.45 0.00	91.18 4.34 0.00	81.77 3.60 0.00	74.49 3.07 0.00	82.25 2.70 0.00
HARSNRAD_115KV_TB1 81005	56.95 -6.97 0.00	46.88 -5.62 0.00	42.58 -3.90 0.00	41.66 -3.18 0.00	42.66 -3.16 0.00	44.80 -3.27 0.00	49.97 -3.47 0.00	50.72 -5.45 0.00	52.94 -6.14 0.00	60.92 -6.17 0.00	63.38 -7.12 0.00	56.69 -5.95 0.00	52.85 -5.35 0.00	56.47 -4.84 0.00	52.84 -4.53 0.00	62.57 -5.15 0.00	66.80 -5.65 0.00	85.74 -8.27 0.00	87.43 -8.97 0.00	81.71 -9.08 0.00	77.11 -9.73 0.00	68.33 -9.85 0.00	63.71 -7.71 0.00	72.55 -7.00 0.00
HARZA MOOSE___RIVER 24016	64.94 1.02 0.00	53.23 0.73 0.00	47.08 0.60 0.00	45.52 0.67 0.00	46.56 0.73 0.00	48.93 0.87 0.00	54.57 1.12 0.00	57.46 1.29 0.00	60.44 1.36 0.00	68.77 1.68 0.00	72.26 1.76 0.00	64.34 1.69 0.00	59.77 1.57 0.00	62.90 1.59 0.00	58.87 1.49 0.00	69.75 2.03 0.00	74.84 2.39 0.00	97.68 3.67 0.00	99.96 3.57 0.00	94.23 3.45 0.00	89.79 2.95 0.00	80.99 2.81 0.00	74.07 2.64 0.00	82.49 2.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	61.94 -1.98 0.00	50.82 -1.68 0.00	45.18 -1.30 0.00	43.63 -1.21 0.00	44.63 -1.19 0.00	46.86 -1.20 0.00	52.17 -1.28 0.00	54.71 -1.46 0.00	57.49 -1.60 0.00	65.41 -1.68 0.00	68.74 -1.76 0.00	61.14 -1.50 0.00	56.81 -1.40 0.00	59.90 -1.41 0.00	56.00 -1.38 0.00	66.23 -1.49 0.00	71.07 -1.38 0.00	92.51 -1.50 0.00	94.95 -1.45 0.00	89.15 -1.63 0.00	85.10 -1.74 0.00	76.22 -1.95 0.00	69.85 -1.57 0.00	77.72 -1.83 0.00
HELLGATE_13_KV_LD 55870	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	66.28 2.36 0.00	54.49 1.99 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.51 1.44 0.00	54.62 1.18 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.31 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.00 4.98 0.00	103.50 5.30 -1.80	96.55 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.70 0.00
HEMPSTEAD____ 23647	69.55 3.71 -1.92	61.91 2.94 -6.48	64.60 2.42 -15.70	60.83 2.24 -13.75	61.35 2.24 -13.28	61.36 2.31 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.91 3.29 -7.53	77.04 3.73 -2.80	74.32 3.38 -8.29	61.05 2.85 0.00	64.43 3.13 0.00	60.19 2.81 0.00	75.18 3.38 -4.08	91.46 4.49 -14.51	112.74 6.40 -12.33	104.60 6.56 -1.65	102.92 6.26 -5.88	97.55 6.08 -4.63	91.29 5.16 -7.96	80.54 4.58 -4.54	83.60 4.05 0.00
HEWLETT_69_KV_BK3 55828	69.87 4.03 -1.92	62.18 3.20 -6.48	64.78 2.60 -15.70	61.01 2.42 -13.75	61.53 2.43 -13.28	61.50 2.45 -10.99	70.45 2.51 -14.49	86.35 2.98 -27.21	85.85 3.25 -23.52	78.18 3.56 -7.53	77.32 4.02 -2.80	74.51 3.57 -8.29	61.40 3.20 0.00	64.80 3.49 0.00	60.53 3.16 0.00	75.66 3.86 -4.08	91.96 5.00 -14.51	113.99 6.96 -13.02	105.81 7.23 -2.18	103.57 6.90 -5.88	98.58 6.69 -5.06	91.84 5.71 -7.96	81.04 5.07 -4.54	84.00 4.45 0.00
HICKLING___1 23621	61.17 -2.75 0.00	50.24 -2.26 0.00	45.27 -1.21 0.00	43.86 -0.99 0.00	44.86 -0.96 0.00	47.10 -0.96 0.00	52.70 -0.75 0.00	54.71 -1.46 0.00	57.25 -1.83 0.00	65.35 -1.74 0.00	68.39 -2.12 0.00	60.95 -1.69 0.00	56.75 -1.46 0.00	60.02 -1.29 0.00	56.17 -1.20 0.00	66.64 -1.08 0.00	71.65 -0.80 0.00	93.07 -0.94 0.00	95.92 -1.06 -0.58	89.55 -1.45 -0.22	84.92 -1.91 0.00	75.60 -2.58 0.00	69.57 -1.86 0.00	78.04 -1.51 0.00
HICKLING___2 23622	61.17 -2.75 0.00	50.24 -2.26 0.00	45.27 -1.21 0.00	43.86 -0.99 0.00	44.86 -0.96 0.00	47.10 -0.96 0.00	52.70 -0.75 0.00	54.71 -1.46 0.00	57.25 -1.83 0.00	65.35 -1.74 0.00	68.39 -2.12 0.00	60.95 -1.69 0.00	56.75 -1.46 0.00	60.02 -1.29 0.00	56.17 -1.20 0.00	66.64 -1.08 0.00	71.65 -0.80 0.00	93.07 -0.94 0.00	95.92 -1.06 -0.58	89.55 -1.45 -0.22	84.92 -1.91 0.00	75.60 -2.58 0.00	69.57 -1.86 0.00	78.04 -1.51 0.00
HIGH FALLS___HY 23754	66.79 2.88 0.00	54.76 2.26 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.43 1.60 0.00	49.65 1.59 0.00	55.16 1.71 0.00	58.19 2.02 0.00	61.39 2.30 0.00	69.37 2.28 0.00	73.11 2.61 0.00	64.84 2.19 0.00	60.24 2.04 0.00	63.45 2.15 0.00	59.38 2.01 0.00	70.36 2.64 0.00	76.15 3.69 0.00	99.65 5.64 0.00	104.98 5.98 -2.61	97.40 5.63 -0.99	92.30 5.47 0.00	82.71 4.53 0.00	75.28 3.86 0.00	83.05 3.50 0.00
HIGH_RIVER___SOLAR 323847	66.48 2.56 0.00	54.54 2.05 0.00	48.20 1.72 0.00	46.46 1.61 0.00	47.52 1.70 0.00	49.89 1.83 0.00	55.43 1.98 0.00	58.30 2.13 0.00	61.33 2.24 0.00	69.24 2.15 0.00	72.41 1.90 0.00	64.02 1.38 0.00	59.19 0.99 0.00	62.35 1.04 0.00	58.41 1.03 0.00	69.34 1.62 0.00	75.64 3.18 0.00	99.18 5.17 0.00	122.39 5.49 -20.50	103.61 5.08 -7.75	91.61 4.77 0.00	82.16 3.98 0.00	75.06 3.64 0.00	83.29 3.74 0.00

HILLBURN___GT 23639	66.35 2.43 0.00	54.33 1.84 0.00	47.78 1.30 0.00	45.97 1.12 0.00	46.92 1.10 0.00	49.22 1.15 0.00	54.46 1.01 0.00	57.51 1.35 0.00	60.68 1.60 0.00	68.70 1.61 0.00	72.41 1.90 0.00	64.40 1.75 0.00	59.83 1.63 0.00	63.02 1.71 0.00	58.98 1.60 0.00	69.48 1.76 0.00	75.13 2.68 0.00	98.05 4.04 0.00	102.34 4.24 -1.71	95.52 4.09 -0.65	90.83 4.00 0.00	81.46 3.28 0.00	74.28 2.86 0.00	81.93 2.38 0.00
HILLSIDE_115KV_TB1 80332	60.59 -3.32 0.00	49.77 -2.73 0.00	44.81 -1.67 0.00	43.41 -1.44 0.00	44.40 -1.42 0.00	46.58 -1.49 0.00	52.06 -1.39 0.00	54.09 -2.08 0.00	56.60 -2.48 0.00	64.54 -2.55 0.00	67.61 -2.89 0.00	60.20 -2.44 0.00	56.05 -2.15 0.00	59.29 -2.02 0.00	55.54 -1.84 0.00	65.82 -1.90 0.00	70.71 -1.74 0.00	91.76 -2.26 0.00	94.49 -2.51 -0.60	88.29 -2.72 -0.23	83.71 -3.13 0.00	74.66 -3.52 0.00	68.64 -2.79 0.00	77.00 -2.55 0.00
HISHELDN_WT_PWR 323625	58.29 -5.63 0.00	48.25 -4.25 0.00	43.46 -3.02 0.00	42.33 -2.51 0.00	43.35 -2.48 0.00	45.23 -2.84 0.00	50.94 -2.51 0.00	52.23 -3.93 0.00	54.42 -4.67 0.00	62.53 -4.56 0.00	65.14 -5.36 0.00	58.26 -4.39 0.00	54.24 -3.96 0.00	57.82 -3.49 0.00	54.16 -3.21 0.00	64.27 -3.45 0.00	68.90 -3.55 0.00	88.75 -5.26 0.00	90.71 -5.69 0.00	84.70 -6.08 0.00	80.06 -6.77 0.00	71.06 -7.11 0.00	65.93 -5.50 0.00	74.54 -5.01 0.00
HOLTSVILLE_IC_1 23690	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
HOLTSVILLE_IC_10 23699	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.54 4.74 -4.08	92.97 6.01 -14.51	114.67 8.55 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HOLTSVILLE_IC_2 23691	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
HOLTSVILLE_IC_3 23692	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
HOLTSVILLE_IC_4 23693	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
HOLTSVILLE_IC_5 23694	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
HOLTSVILLE_IC_6 23695	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.54 4.74 -4.08	92.97 6.01 -14.51	114.67 8.55 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HOLTSVILLE_IC_7 23696	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.54 4.74 -4.08	92.97 6.01 -14.51	114.67 8.55 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HOLTSVILLE_IC_8 23697	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.54 4.74 -4.08	92.97 6.01 -14.51	114.67 8.55 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HOLTSVILLE_IC_9 23698	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.54 4.74 -4.08	92.97 6.01 -14.51	114.67 8.55 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HOMER_HL_115KV_TB2 355744	58.74 -5.18 0.00	48.40 -4.09 0.00	43.88 -2.60 0.00	42.74 -2.11 0.00	43.72 -2.11 0.00	45.86 -2.21 0.00	51.47 -1.98 0.00	52.85 -3.31 0.00	55.18 -3.90 0.00	63.20 -3.89 0.00	65.85 -4.65 0.00	58.82 -3.82 0.00	54.89 -3.32 0.00	58.37 -2.94 0.00	54.74 -2.64 0.00	64.94 -2.78 0.00	68.76 -3.69 0.00	88.56 -5.45 0.00	90.33 -6.07 0.00	84.43 -6.35 0.00	79.97 -6.86 0.00	70.98 -7.19 0.00	65.64 -5.79 0.00	74.54 -5.01 0.00
HOWARD_WT_PWR 323690	60.08 -3.83 0.00	49.45 -3.05 0.00	44.30 -2.18 0.00	42.96 -1.88 0.00	43.94 -1.88 0.00	46.00 -2.07 0.00	52.01 -1.44 0.00	53.70 -2.47 0.00	56.25 -2.83 0.00	64.54 -2.55 0.00	67.61 -2.89 0.00	60.45 -2.19 0.00	56.22 -1.98 0.00	59.66 -1.65 0.00	56.06 -1.32 0.00	66.77 -0.95 0.00	72.02 -0.43 0.00	93.64 -0.37 0.00	96.40 -0.48 0.00	89.88 -1.09 -0.18	85.01 -1.83 0.00	75.60 -2.58 0.00	69.78 -1.64 0.00	78.20 -1.35 0.00

HQ_GEN_CEDARS 23644	65.32 1.41 0.00	54.23 1.73 0.00	47.97 1.49 0.00	46.28 1.44 0.00	47.20 1.37 0.00	49.56 1.49 0.00	55.11 1.66 0.00	57.96 1.80 0.00	60.50 1.42 0.00	68.63 1.54 0.00	71.98 1.48 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.98 1.61 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.64 -0.38 0.00	95.72 -0.67 0.00	90.60 -0.18 0.00	86.66 -0.17 0.00	78.96 0.78 0.00	72.21 0.79 0.00	81.06 1.51 0.00
HQ_GEN_CEDARS_PROXY 323590	65.32 1.40 0.00	54.18 1.68 0.00	47.97 1.49 0.00	46.28 1.43 0.00	47.20 1.37 0.00	49.56 1.49 0.00	55.11 1.66 0.00	57.96 1.80 0.00	60.50 1.42 0.00	68.64 1.54 0.00	71.98 1.48 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.98 1.60 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.55 -0.47 0.00	95.73 -0.67 0.00	90.60 -0.18 0.00	86.66 -0.17 0.00	78.96 0.78 0.00	72.21 0.79 0.00	81.06 1.51 0.00
HQ_GEN_IMPORT 323601	64.43 0.51 0.00	53.02 0.52 0.00	46.95 0.46 0.00	45.29 0.45 0.00	46.28 0.46 0.00	48.55 0.48 0.00	54.04 0.59 0.00	56.79 0.62 0.00	59.68 0.59 0.00	67.76 0.67 0.00	71.06 0.56 0.00	63.09 0.44 0.00	58.67 0.46 0.00	61.68 0.37 0.00	57.83 0.46 0.00	69.09 0.41 -0.96	71.20 -0.29 0.96	93.07 -0.94 0.00	95.34 -1.06 0.00	89.97 -0.82 0.00	86.23 -0.60 0.00	78.10 -0.08 0.00	71.21 -0.21 0.00	79.79 0.24 0.00
HQ_GEN_WHEEL 23651	64.43 0.51 0.00	53.02 0.52 0.00	46.95 0.46 0.00	45.29 0.45 0.00	46.28 0.46 0.00	48.55 0.48 0.00	54.04 0.59 0.00	56.79 0.62 0.00	59.68 0.59 0.00	67.76 0.67 0.00	71.06 0.56 0.00	63.09 0.44 0.00	58.67 0.46 0.00	61.68 0.37 0.00	57.83 0.46 0.00	69.09 0.41 -0.96	71.20 -0.29 0.96	93.07 -0.94 0.00	95.34 -1.06 0.00	89.97 -0.82 0.00	86.23 -0.60 0.00	78.10 -0.08 0.00	71.21 -0.21 0.00	79.79 0.24 0.00
HUDSON AVE_GT_3 23810	66.67 2.75 0.00	54.70 2.20 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.33 2.25 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.22 3.77 0.00	99.28 5.26 0.00	103.79 5.59 -1.80	96.73 5.27 -0.68	92.04 5.21 0.00	82.48 4.30 0.00	75.14 3.71 0.00	82.65 3.10 0.00
HUDSON AVE_GT_4 23540	66.67 2.75 0.00	54.70 2.20 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.33 2.25 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.22 3.77 0.00	99.28 5.26 0.00	103.79 5.59 -1.80	96.73 5.27 -0.68	92.04 5.21 0.00	82.48 4.30 0.00	75.14 3.71 0.00	82.65 3.10 0.00
HUDSON AVE_GT_5 23657	66.67 2.75 0.00	54.70 2.20 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.13 1.97 0.00	61.33 2.25 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.22 3.77 0.00	99.28 5.26 0.00	103.79 5.59 -1.80	96.73 5.27 -0.68	92.04 5.21 0.00	82.48 4.30 0.00	75.14 3.71 0.00	82.65 3.10 0.00
HUDSON_AVE_10 24168	66.47 2.56 0.00	54.55 2.05 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.46 1.39 0.00	54.73 1.28 0.00	57.96 1.80 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.11 2.61 0.00	65.02 2.38 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.50 2.12 0.00	70.29 2.57 0.00	76.00 3.55 0.00	99.32 5.08 -0.23	103.77 5.40 -1.98	96.55 5.08 -0.68	92.03 5.04 -0.16	82.32 4.14 0.00	74.99 3.57 0.00	82.41 2.86 0.00
HUDSON___115KV_TB 4 355613	67.56 3.64 0.00	55.44 2.94 0.00	48.99 2.51 0.00	47.18 2.33 0.00	48.25 2.43 0.00	50.61 2.55 0.00	56.17 2.73 0.00	58.64 2.47 0.00	61.80 2.72 0.00	69.77 2.68 0.00	73.46 2.96 0.00	65.15 2.51 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.09 2.37 0.00	75.93 3.48 0.00	99.28 5.26 0.00	109.77 4.92 -8.46	98.61 4.63 -3.19	91.70 4.86 0.00	82.40 4.22 0.00	75.49 4.07 0.00	84.40 4.85 0.00
HUNTER MOUNT___DRP 323613	67.88 3.96 0.00	55.70 3.20 0.00	49.22 2.74 0.00	47.36 2.51 0.00	48.53 2.70 0.00	50.90 2.84 0.00	56.50 3.05 0.00	58.97 2.81 0.00	62.16 3.07 0.00	70.11 3.02 0.00	73.81 3.31 0.00	65.34 2.69 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.44 3.98 0.00	100.12 6.11 0.00	108.99 5.40 -7.20	98.59 5.08 -2.72	92.48 5.64 0.00	83.02 4.85 0.00	75.99 4.57 0.00	85.04 5.49 0.00
HUNTINGTON_RES_REC 323705	70.57 4.73 -1.92	62.65 3.67 -6.48	65.25 3.07 -15.70	61.46 2.87 -13.75	61.99 2.89 -13.28	62.08 3.03 -10.99	71.09 3.15 -14.49	87.02 3.65 -27.21	86.56 3.96 -23.52	78.92 4.30 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.93 3.73 0.00	65.42 4.11 0.00	61.16 3.79 0.00	76.41 4.61 -4.08	92.83 5.87 -14.51	114.39 8.28 -12.10	106.16 8.29 -1.47	104.47 7.81 -5.88	98.74 7.47 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
HUNTLEY___63 23557	57.65 -6.26 0.00	47.51 -4.99 0.00	43.18 -3.30 0.00	42.20 -2.65 0.00	43.21 -2.61 0.00	45.37 -2.69 0.00	50.56 -2.89 0.00	51.34 -4.83 0.00	53.59 -5.49 0.00	61.72 -5.37 0.00	64.23 -6.27 0.00	57.44 -5.20 0.00	53.55 -4.66 0.00	57.14 -4.17 0.00	53.53 -3.84 0.00	63.39 -4.33 0.00	67.67 -4.78 0.00	86.96 -7.05 0.00	88.59 -7.81 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.50 -6.93 0.00	73.50 -6.05 0.00
HUNTLEY___64 23558	57.65 -6.26 0.00	47.51 -4.99 0.00	43.18 -3.30 0.00	42.20 -2.65 0.00	43.21 -2.61 0.00	45.37 -2.69 0.00	50.56 -2.89 0.00	51.34 -4.83 0.00	53.59 -5.49 0.00	61.72 -5.37 0.00	64.23 -6.27 0.00	57.44 -5.20 0.00	53.55 -4.66 0.00	57.14 -4.17 0.00	53.53 -3.84 0.00	63.39 -4.33 0.00	67.67 -4.78 0.00	86.96 -7.05 0.00	88.59 -7.81 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.50 -6.93 0.00	73.50 -6.05 0.00
HUNTLEY___65 23559	57.65 -6.26 0.00	47.51 -4.99 0.00	43.18 -3.30 0.00	42.20 -2.65 0.00	43.21 -2.61 0.00	45.37 -2.69 0.00	50.56 -2.89 0.00	51.34 -4.83 0.00	53.59 -5.49 0.00	61.72 -5.37 0.00	64.23 -6.27 0.00	57.44 -5.20 0.00	53.55 -4.66 0.00	57.14 -4.17 0.00	53.53 -3.84 0.00	63.39 -4.33 0.00	67.67 -4.78 0.00	86.96 -7.05 0.00	88.59 -7.81 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.50 -6.93 0.00	73.50 -6.05 0.00
HUNTLEY___66 23560	57.65 -6.26 0.00	47.51 -4.99 0.00	43.18 -3.30 0.00	42.20 -2.65 0.00	43.21 -2.61 0.00	45.37 -2.69 0.00	50.56 -2.89 0.00	51.34 -4.83 0.00	53.59 -5.49 0.00	61.72 -5.37 0.00	64.23 -6.27 0.00	57.44 -5.20 0.00	53.55 -4.66 0.00	57.14 -4.17 0.00	53.53 -3.84 0.00	63.39 -4.33 0.00	67.67 -4.78 0.00	86.96 -7.05 0.00	88.59 -7.81 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.50 -6.93 0.00	73.50 -6.05 0.00

HUNTLEY___67 23561	57.59 -6.33 0.00	47.41 -5.09 0.00	43.04 -3.44 0.00	42.06 -2.78 0.00	43.07 -2.75 0.00	45.23 -2.84 0.00	50.46 -2.99 0.00	51.34 -4.83 0.00	53.53 -5.55 0.00	61.59 -5.50 0.00	64.16 -6.35 0.00	57.38 -5.26 0.00	53.49 -4.71 0.00	57.08 -4.23 0.00	53.47 -3.90 0.00	63.32 -4.40 0.00	67.60 -4.85 0.00	86.77 -7.24 0.00	88.49 -7.90 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.42 -7.00 0.00	73.42 -6.13 0.00
HUNTLEY___68 23562	57.59 -6.33 0.00	47.41 -5.09 0.00	43.04 -3.44 0.00	42.06 -2.78 0.00	43.07 -2.75 0.00	45.23 -2.84 0.00	50.46 -2.99 0.00	51.34 -4.83 0.00	53.53 -5.55 0.00	61.59 -5.50 0.00	64.16 -6.35 0.00	57.38 -5.26 0.00	53.49 -4.71 0.00	57.08 -4.23 0.00	53.47 -3.90 0.00	63.32 -4.40 0.00	67.60 -4.85 0.00	86.77 -7.24 0.00	88.49 -7.90 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.42 -7.00 0.00	73.42 -6.13 0.00
HYLAND___LFGE 323620	60.98 -2.94 0.00	50.08 -2.41 0.00	45.04 -1.44 0.00	43.73 -1.12 0.00	44.77 -1.05 0.00	46.87 -1.20 0.00	52.86 -0.59 0.00	54.88 -1.29 0.00	57.25 -1.83 0.00	65.08 -2.01 0.00	67.54 -2.96 0.00	60.20 -2.44 0.00	55.76 -2.44 0.00	59.10 -2.20 0.00	55.37 -2.01 0.00	66.23 -1.49 0.00	71.95 -0.50 0.00	94.11 0.09 0.00	96.69 0.29 0.00	90.24 -0.54 0.00	85.44 -1.39 0.00	75.99 -2.19 0.00	70.06 -1.36 0.00	78.03 -1.51 0.00
INDECK___CORINTH 23802	68.52 4.60 0.00	56.23 3.73 0.00	49.64 3.16 0.00	47.85 3.00 0.00	48.94 3.12 0.00	51.48 3.41 0.00	57.24 3.80 0.00	60.21 4.05 0.00	63.57 4.49 0.00	72.19 5.10 0.00	75.72 5.22 0.00	66.91 4.26 0.00	61.98 3.78 0.00	65.29 3.98 0.00	60.93 3.56 0.00	72.19 4.47 0.00	78.32 5.87 0.00	102.57 8.55 0.00	125.11 9.16 -19.55	106.61 8.44 -7.38	94.65 7.82 0.00	84.97 6.80 0.00	77.63 6.21 0.00	86.15 6.60 0.00
INDECK___ILION 23567	69.73 5.82 0.00	57.07 4.57 0.00	50.43 3.95 0.00	48.70 3.86 0.00	49.72 3.89 0.00	52.10 4.04 0.00	57.99 4.54 0.00	60.94 4.77 0.00	64.34 5.26 0.00	73.20 6.11 0.00	76.92 6.42 0.00	68.28 5.64 0.00	63.27 5.06 0.00	66.58 5.27 0.00	62.19 4.82 0.00	73.88 6.16 0.00	79.55 7.10 0.00	103.70 9.68 0.00	106.33 9.93 0.00	100.41 9.62 0.00	96.04 9.20 0.00	87.01 8.83 0.00	79.71 8.29 0.00	88.93 9.39 0.00
INDECK___OLEAN 23982	58.74 -5.18 0.00	48.61 -3.88 0.00	43.88 -2.60 0.00	42.74 -2.11 0.00	43.72 -2.11 0.00	45.62 -2.45 0.00	51.47 -1.98 0.00	52.97 -3.20 0.00	55.18 -3.90 0.00	63.20 -3.89 0.00	65.85 -4.66 0.00	58.82 -3.82 0.00	54.89 -3.32 0.00	58.37 -2.94 0.00	54.74 -2.64 0.00	64.94 -2.78 0.00	68.83 -3.62 0.00	88.56 -5.46 0.00	90.42 -5.98 0.00	84.52 -6.26 0.00	79.97 -6.86 0.00	70.91 -7.27 0.00	65.64 -5.78 0.00	74.30 -5.25 0.00
INDECK___OSWEGO 23783	61.49 -2.43 0.00	50.50 -1.99 0.00	44.76 -1.72 0.00	43.23 -1.61 0.00	44.22 -1.61 0.00	46.38 -1.68 0.00	51.69 -1.76 0.00	54.20 -1.97 0.00	56.96 -2.12 0.00	64.88 -2.21 0.00	68.18 -2.32 0.00	60.58 -2.07 0.00	56.28 -1.92 0.00	59.34 -1.96 0.00	55.48 -1.89 0.00	65.62 -2.10 0.00	69.77 -2.68 0.00	90.72 -3.29 0.00	93.12 -3.28 0.00	87.52 -3.26 0.00	83.53 -3.30 0.00	74.97 -3.21 0.00	68.56 -2.86 0.00	76.28 -3.26 0.00
INDECK___YERKES 23781	57.72 -6.20 0.00	47.83 -4.67 0.00	43.18 -3.30 0.00	42.24 -2.60 0.00	43.26 -2.57 0.00	45.04 -3.03 0.00	50.56 -2.89 0.00	51.56 -4.60 0.00	53.65 -5.43 0.00	61.79 -5.30 0.00	64.23 -6.27 0.00	57.51 -5.14 0.00	53.54 -4.66 0.00	57.20 -4.11 0.00	53.59 -3.79 0.00	63.52 -4.20 0.00	67.81 -4.64 0.00	87.06 -6.96 0.00	88.88 -7.52 0.00	82.79 -7.99 0.00	78.15 -8.68 0.00	69.26 -8.91 0.00	64.57 -6.86 0.00	73.26 -6.29 0.00
INDIAN POINT_GT_1 24139	66.47 2.56 0.00	54.49 1.99 0.00	47.97 1.49 0.00	46.15 1.30 0.00	47.11 1.28 0.00	49.32 1.25 0.00	54.68 1.23 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	60.07 1.86 0.00	63.33 2.02 0.00	59.21 1.84 0.00	69.89 2.17 0.00	75.57 3.12 0.00	98.43 4.42 0.00	102.90 4.72 -1.78	95.90 4.45 -0.67	91.26 4.43 0.00	81.85 3.67 0.00	74.64 3.21 0.00	82.17 2.63 0.00
INDIAN POINT_GT_2 23659	66.47 2.56 0.00	54.49 1.99 0.00	47.97 1.49 0.00	46.15 1.30 0.00	47.11 1.28 0.00	49.32 1.25 0.00	54.68 1.23 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	60.07 1.86 0.00	63.33 2.02 0.00	59.21 1.84 0.00	69.89 2.17 0.00	75.57 3.12 0.00	98.43 4.42 0.00	102.90 4.72 -1.78	95.90 4.45 -0.67	91.26 4.43 0.00	81.85 3.67 0.00	74.64 3.21 0.00	82.17 2.63 0.00
INDIAN POINT_GT_3 24019	66.47 2.56 0.00	54.49 1.99 0.00	47.97 1.49 0.00	46.15 1.30 0.00	47.11 1.28 0.00	49.32 1.25 0.00	54.68 1.23 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	60.07 1.86 0.00	63.33 2.02 0.00	59.21 1.84 0.00	69.89 2.17 0.00	75.57 3.12 0.00	98.43 4.42 0.00	102.90 4.72 -1.78	95.90 4.45 -0.67	91.26 4.43 0.00	81.85 3.67 0.00	74.64 3.21 0.00	82.17 2.63 0.00
INDIAN POINT___2 23530	66.35 2.43 0.00	54.39 1.89 0.00	47.83 1.35 0.00	46.06 1.21 0.00	47.01 1.19 0.00	49.27 1.20 0.00	54.52 1.07 0.00	57.62 1.46 0.00	60.80 1.71 0.00	68.83 1.74 0.00	72.61 2.11 0.00	64.52 1.88 0.00	59.89 1.69 0.00	63.15 1.84 0.00	59.04 1.66 0.00	69.61 1.89 0.00	75.27 2.82 0.00	98.25 4.23 0.00	102.49 4.34 -1.75	95.62 4.18 -0.66	91.00 4.17 0.00	81.61 3.44 0.00	74.42 3.00 0.00	82.02 2.47 0.00
INDIAN POINT___3 23531	66.35 2.43 0.00	54.44 1.94 0.00	47.87 1.39 0.00	46.10 1.26 0.00	47.06 1.24 0.00	49.22 1.15 0.00	54.57 1.12 0.00	57.68 1.52 0.00	60.80 1.71 0.00	68.84 1.74 0.00	72.62 2.12 0.00	64.59 1.94 0.00	59.95 1.75 0.00	63.21 1.90 0.00	59.10 1.72 0.00	69.75 2.03 0.00	75.42 2.97 0.00	98.24 4.23 0.00	102.62 4.43 -1.78	95.72 4.27 -0.67	91.09 4.25 0.00	81.62 3.44 0.00	74.42 3.00 0.00	82.01 2.47 0.00
INGHAM_C_115KV_TB7 356103	69.42 5.50 0.00	56.75 4.25 0.00	50.20 3.72 0.00	48.43 3.59 0.00	49.44 3.62 0.00	51.82 3.75 0.00	57.67 4.22 0.00	60.55 4.38 0.00	63.93 4.84 0.00	72.66 5.57 0.00	76.42 5.92 0.00	67.84 5.20 0.00	62.86 4.66 0.00	66.15 4.84 0.00	61.85 4.48 0.00	73.41 5.69 0.00	78.97 6.52 0.00	102.95 8.93 0.00	105.56 9.16 0.00	99.68 8.90 0.00	95.34 8.51 0.00	86.39 8.21 0.00	79.21 7.79 0.00	88.38 8.83 0.00
IP CORINTH___1 23988	68.52 4.60 0.00	56.23 3.73 0.00	49.64 3.16 0.00	47.85 3.00 0.00	48.94 3.12 0.00	51.48 3.41 0.00	57.24 3.79 0.00	60.21 4.04 0.00	63.57 4.49 0.00	72.19 5.10 0.00	75.72 5.22 0.00	66.90 4.26 0.00	61.99 3.78 0.00	65.29 3.99 0.00	60.93 3.56 0.00	72.19 4.47 0.00	78.32 5.87 0.00	102.57 8.56 0.00	125.10 9.16 -19.55	106.61 8.44 -7.38	94.65 7.82 0.00	84.98 6.80 0.00	77.64 6.21 0.00	86.15 6.60 0.00

IP__TICONDEROGA 23804	71.27 7.35 0.00	58.54 6.04 0.00	51.59 5.11 0.00	49.69 4.84 0.00	50.91 5.09 0.00	53.64 5.58 0.00	59.70 6.25 0.00	62.79 6.63 0.00	66.41 7.33 0.00	75.41 8.32 0.00	78.96 8.46 0.00	69.72 7.08 0.00	64.43 6.23 0.00	67.93 6.62 0.00	63.34 5.97 0.00	75.24 7.52 0.00	81.94 9.49 0.00	107.83 13.82 0.00	130.39 14.75 -19.24	111.76 13.71 -7.27	99.42 12.59 0.00	89.04 10.87 0.00	81.42 10.00 0.00	90.29 10.74 0.00
ISLIP_RES_REC 323679	71.02 5.18 -1.92	63.02 4.04 -6.48	65.57 3.39 -15.70	61.77 3.18 -13.75	62.31 3.21 -13.28	62.46 3.41 -10.99	71.58 3.64 -14.49	87.47 4.10 -27.21	87.04 4.43 -23.52	79.39 4.76 -7.53	78.45 5.14 -2.80	75.57 4.64 -8.29	62.22 4.01 0.00	65.78 4.47 0.00	61.45 4.07 0.00	76.88 5.08 -4.08	93.34 6.38 -14.51	115.14 9.03 -12.10	106.84 8.97 -1.47	105.01 8.35 -5.88	99.09 7.82 -4.44	92.78 6.64 -7.96	82.03 6.07 -4.54	85.20 5.65 0.00
JAMAICA__27_KV_LOAD 355505	66.67 2.75 0.00	54.70 2.20 0.00	48.34 1.86 0.00	46.50 1.66 0.00	47.43 1.60 0.00	49.75 1.68 0.00	55.00 1.55 0.00	58.30 2.13 0.00	61.57 2.48 0.00	69.84 2.75 0.00	73.60 3.10 0.00	65.46 2.82 0.00	60.76 2.56 0.00	64.07 2.76 0.00	59.90 2.52 0.00	70.77 3.05 0.00	76.65 4.20 0.00	100.22 5.92 -0.29	104.68 6.27 -2.02	97.37 5.90 -0.68	92.85 5.82 -0.19	82.87 4.69 0.00	75.49 4.07 0.00	82.89 3.34 0.00
JANIS__SOLAR 323808	65.71 1.79 0.00	53.76 1.26 0.00	47.78 1.30 0.00	46.24 1.39 0.00	47.20 1.37 0.00	49.56 1.49 0.00	55.43 1.98 0.00	58.25 2.08 0.00	61.21 2.12 0.00	69.78 2.69 0.00	73.18 2.68 0.00	64.84 2.19 0.00	60.12 1.92 0.00	63.33 2.02 0.00	59.27 1.89 0.00	70.70 2.98 0.00	76.43 3.98 0.00	100.12 6.11 0.00	103.68 6.36 -0.92	96.95 5.82 -0.35	91.87 5.03 0.00	82.24 4.06 0.00	75.28 3.85 0.00	83.68 4.13 0.00
JARVIS____ 23743	64.17 0.26 0.00	52.66 0.16 0.00	46.57 0.09 0.00	44.93 0.09 0.00	45.92 0.09 0.00	48.16 0.10 0.00	53.56 0.11 0.00	56.28 0.11 0.00	59.26 0.18 0.00	67.29 0.20 0.00	70.78 0.28 0.00	62.90 0.25 0.00	58.38 0.18 0.00	61.55 0.25 0.00	57.55 0.17 0.00	67.99 0.27 0.00	72.96 0.51 0.00	94.86 0.84 0.00	97.26 0.87 0.00	91.60 0.82 0.00	87.61 0.78 0.00	78.73 0.55 0.00	71.99 0.57 0.00	80.03 0.48 0.00
JENNISON__1 23625	66.16 2.24 0.00	54.02 1.52 0.00	47.92 1.44 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.65 1.59 0.00	55.43 1.98 0.00	58.19 2.02 0.00	61.33 2.25 0.00	69.98 2.88 0.00	73.46 2.96 0.00	65.02 2.38 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.90 3.18 0.00	76.73 4.27 0.00	100.50 6.49 0.00	104.55 6.65 -1.50	97.71 6.35 -0.57	92.39 5.56 0.00	82.87 4.69 0.00	75.85 4.43 0.00	84.40 4.85 0.00
JENNISON__2 23626	66.16 2.24 0.00	54.02 1.52 0.00	47.92 1.44 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.65 1.59 0.00	55.43 1.98 0.00	58.19 2.02 0.00	61.33 2.25 0.00	69.98 2.88 0.00	73.46 2.96 0.00	65.02 2.38 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.90 3.18 0.00	76.73 4.27 0.00	100.50 6.49 0.00	104.55 6.65 -1.50	97.71 6.35 -0.57	92.39 5.56 0.00	82.87 4.69 0.00	75.85 4.43 0.00	84.40 4.85 0.00
JERICHO_RISE_WT_PWR 323719	65.52 1.60 0.00	54.02 1.52 0.00	47.87 1.39 0.00	46.15 1.30 0.00	47.10 1.28 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.62 1.46 0.00	60.62 1.53 0.00	68.77 1.68 0.00	71.98 1.48 0.00	63.83 1.19 0.00	59.25 1.05 0.00	62.10 0.79 0.00	58.29 0.92 0.00	68.60 0.88 0.00	72.52 0.07 0.00	92.98 -1.03 0.00	95.14 -1.26 0.00	90.05 -0.73 0.00	86.32 -0.52 0.00	78.65 0.47 0.00	71.78 0.36 0.00	80.58 1.03 0.00
KATONAH__115KV_46KV_TB4 355592	67.18 3.26 0.00	55.07 2.57 0.00	48.53 2.05 0.00	46.68 1.84 0.00	47.70 1.88 0.00	49.94 1.87 0.00	55.37 1.92 0.00	58.53 2.36 0.00	61.74 2.66 0.00	69.84 2.75 0.00	73.81 3.31 0.00	65.59 2.94 0.00	60.76 2.56 0.00	64.13 2.82 0.00	59.90 2.52 0.00	70.84 3.12 0.00	76.58 4.13 0.00	99.84 5.83 0.00	104.40 6.17 -1.83	97.47 5.99 -0.69	92.74 5.90 0.00	83.18 5.00 0.00	75.92 4.50 0.00	83.45 3.90 0.00
KCE_NY_1 323755	67.69 3.77 0.00	55.59 3.10 0.00	49.08 2.60 0.00	47.26 2.42 0.00	48.39 2.56 0.00	50.80 2.74 0.00	56.44 2.99 0.00	59.37 3.20 0.00	62.57 3.49 0.00	70.98 3.89 0.00	74.59 4.09 0.00	66.09 3.44 0.00	61.23 3.02 0.00	64.56 3.25 0.00	60.30 2.92 0.00	71.37 3.65 0.00	77.23 4.78 0.00	100.97 6.96 0.00	122.72 7.32 -19.00	104.78 6.81 -7.18	93.26 6.43 0.00	83.65 5.47 0.00	76.42 5.00 0.00	84.80 5.25 0.00
KCE_NY_6_ESR 323823	58.29 -5.63 0.00	48.25 -4.25 0.00	43.50 -2.98 0.00	42.51 -2.33 0.00	43.53 -2.29 0.00	45.38 -2.69 0.00	51.10 -2.35 0.00	52.18 -3.99 0.00	54.30 -4.78 0.00	62.53 -4.56 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.28 -3.10 0.00	64.34 -3.38 0.00	68.76 -3.69 0.00	88.28 -5.74 0.00	90.23 -6.17 0.00	84.07 -6.72 0.00	79.37 -7.47 0.00	70.36 -7.82 0.00	65.50 -5.93 0.00	74.22 -5.33 0.00
KEDC_PORT_JEFF_GT2 24210	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.28 3.90 0.00	76.61 4.81 -4.08	92.97 6.01 -14.51	114.29 8.18 -12.10	106.05 8.19 -1.47	104.20 7.53 -5.88	98.39 7.12 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
KEDC_PORT_JEFF_GT3 24211	70.76 4.92 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.12 4.50 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.28 3.90 0.00	76.61 4.81 -4.08	92.97 6.01 -14.51	114.29 8.18 -12.10	106.05 8.19 -1.47	104.20 7.53 -5.88	98.39 7.12 -4.44	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
KEDC_GLWD_GT4 24219	69.61 3.77 -1.92	62.12 3.15 -6.48	64.78 2.60 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.36 2.31 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.38 3.44 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.30 2.92 0.00	75.32 3.52 -4.08	91.61 4.64 -14.51	113.22 6.68 -12.53	105.04 6.85 -1.80	103.21 6.54 -5.88	97.90 6.34 -4.73	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00
KEDC_GLWD_GT5 24220	69.61 3.77 -1.92	62.12 3.15 -6.48	64.78 2.60 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.36 2.31 -10.99	70.24 2.30 -14.49	86.12 2.75 -27.21	85.67 3.07 -23.52	77.98 3.35 -7.53	77.11 3.80 -2.80	74.38 3.44 -8.29	61.17 2.97 0.00	64.56 3.25 0.00	60.30 2.92 0.00	75.32 3.52 -4.08	91.61 4.64 -14.51	113.22 6.68 -12.53	105.04 6.85 -1.80	103.21 6.54 -5.88	97.90 6.34 -4.73	91.45 5.32 -7.96	80.68 4.71 -4.54	83.76 4.21 0.00

KENSICO____ 23655	66.60 2.68 0.00	54.65 2.15 0.00	48.11 1.63 0.00	46.32 1.48 0.00	47.29 1.47 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.24 2.15 0.00	73.04 2.54 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.16 2.44 0.00	75.86 3.41 0.00	98.81 4.79 0.00	103.30 5.11 -1.80	96.27 4.81 -0.68	91.61 4.78 0.00	82.09 3.91 0.00	74.85 3.43 0.00	82.41 2.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	66.86 2.94 0.00	54.81 2.31 0.00	48.25 1.77 0.00	46.46 1.61 0.00	47.52 1.70 0.00	49.75 1.68 0.00	55.27 1.82 0.00	58.24 2.08 0.00	61.45 2.36 0.00	69.37 2.28 0.00	73.11 2.61 0.00	64.90 2.26 0.00	60.24 2.04 0.00	63.45 2.15 0.00	59.38 2.01 0.00	70.36 2.64 0.00	76.15 3.69 0.00	99.75 5.73 0.00	104.61 5.98 -2.23	97.26 5.63 -0.84	92.30 5.47 0.00	82.79 4.61 0.00	75.35 3.93 0.00	83.21 3.66 0.00
KIAC_JFK_GT1 23816	66.09 2.17 0.00	54.18 1.68 0.00	48.06 1.58 0.00	46.23 1.39 0.00	47.20 1.37 0.00	49.46 1.39 0.00	54.46 1.02 0.00	57.74 1.57 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.90 2.40 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.45 2.15 0.00	59.33 1.95 0.00	70.09 2.37 0.00	75.86 3.41 0.00	99.28 4.98 -0.29	103.72 5.30 -2.02	96.46 4.99 -0.68	91.98 4.95 -0.19	82.09 3.91 0.00	74.78 3.36 0.00	82.09 2.55 0.00
KIAC_JFK_GT2 23817	66.09 2.17 0.00	54.18 1.68 0.00	48.06 1.58 0.00	46.23 1.39 0.00	47.20 1.37 0.00	49.46 1.39 0.00	54.46 1.02 0.00	57.74 1.57 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.90 2.40 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.45 2.15 0.00	59.33 1.95 0.00	70.09 2.37 0.00	75.86 3.41 0.00	99.28 4.98 -0.29	103.72 5.30 -2.02	96.46 4.99 -0.68	91.98 4.95 -0.19	82.09 3.91 0.00	74.78 3.36 0.00	82.09 2.55 0.00
KIAC_JFK____ 323774	66.09 2.17 0.00	54.13 1.63 0.00	48.06 1.58 0.00	46.24 1.39 0.00	47.20 1.37 0.00	49.56 1.49 0.00	54.46 1.01 0.00	57.68 1.52 0.00	61.03 1.95 0.00	69.17 2.08 0.00	72.90 2.40 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.45 2.14 0.00	59.33 1.95 0.00	70.02 2.30 0.00	75.86 3.41 0.00	99.28 4.98 -0.29	103.62 5.20 -2.02	96.45 4.99 -0.68	91.98 4.95 -0.19	82.16 3.98 0.00	74.78 3.36 0.00	82.17 2.62 0.00
KINTIGH____ 23543	58.17 -5.75 0.00	47.83 -4.67 0.00	43.27 -3.21 0.00	42.24 -2.60 0.00	43.26 -2.57 0.00	45.37 -2.69 0.00	50.62 -2.83 0.00	51.73 -4.44 0.00	54.06 -5.02 0.00	62.06 -5.03 0.00	64.72 -5.78 0.00	57.82 -4.82 0.00	53.84 -4.37 0.00	57.38 -3.92 0.00	53.65 -3.73 0.00	63.52 -4.20 0.00	67.89 -4.56 0.00	87.34 -6.67 0.00	89.17 -7.23 0.00	83.43 -7.35 0.00	78.85 -7.99 0.00	70.05 -8.13 0.00	65.14 -6.29 0.00	73.82 -5.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	66.86 2.94 0.00	55.18 2.68 0.00	48.85 2.37 0.00	47.09 2.24 0.00	48.02 2.20 0.00	50.47 2.40 0.00	55.75 2.30 0.00	58.64 2.47 0.00	61.74 2.66 0.00	69.98 2.88 0.00	73.32 2.82 0.00	64.96 2.32 0.00	60.24 2.04 0.00	63.15 1.84 0.00	59.27 1.89 0.00	69.82 2.10 0.00	73.97 1.52 0.00	94.77 0.75 0.00	96.78 0.39 0.00	91.78 1.00 0.00	87.70 0.87 0.00	80.05 1.88 0.00	73.14 1.71 0.00	82.01 2.47 0.00
LACHUTE____HYDRO 323717	71.27 7.35 0.00	58.53 6.03 0.00	51.59 5.11 0.00	49.69 4.84 0.00	50.91 5.09 0.00	53.64 5.57 0.00	59.70 6.25 0.00	62.79 6.62 0.00	66.41 7.32 0.00	75.41 8.32 0.00	78.96 8.46 0.00	69.72 7.08 0.00	64.43 6.23 0.00	67.93 6.62 0.00	63.34 5.97 0.00	75.24 7.52 0.00	81.94 9.49 0.00	107.84 13.82 0.00	130.39 14.75 -19.24	111.76 13.71 -7.27	99.42 12.59 0.00	89.04 10.86 0.00	81.42 10.00 0.00	90.28 10.73 0.00
LAWRNCALV_115KV_TB1 80681	65.45 1.53 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.11 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	71.98 1.48 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.92 1.55 0.00	68.67 0.95 0.00	72.52 0.07 0.00	93.26 -0.75 0.00	95.34 -1.06 0.00	90.24 -0.54 0.00	86.31 -0.52 0.00	78.88 0.70 0.00	72.42 1.00 0.00	81.38 1.83 0.00
LEDERLE____ 23769	66.41 2.49 0.00	54.49 1.99 0.00	47.87 1.39 0.00	46.06 1.21 0.00	47.01 1.19 0.00	49.17 1.11 0.00	54.52 1.07 0.00	57.68 1.52 0.00	60.80 1.71 0.00	68.77 1.68 0.00	72.55 2.04 0.00	64.52 1.88 0.00	59.95 1.75 0.00	63.15 1.84 0.00	59.10 1.72 0.00	69.68 1.96 0.00	75.35 2.90 0.00	98.24 4.23 0.00	102.66 4.53 -1.73	95.70 4.27 -0.65	91.09 4.25 0.00	81.62 3.44 0.00	74.42 3.00 0.00	82.01 2.47 0.00
LIGHTHSE_115KV_TB6 355974	62.70 -1.21 0.00	51.34 -1.15 0.00	45.55 -0.93 0.00	44.04 -0.81 0.00	45.04 -0.78 0.00	47.30 -0.77 0.00	52.65 -0.80 0.00	55.32 -0.84 0.00	58.14 -0.95 0.00	66.15 -0.94 0.00	69.58 -0.92 0.00	61.83 -0.81 0.00	57.50 -0.70 0.00	60.57 -0.74 0.00	56.57 -0.80 0.00	66.70 -1.02 0.00	71.73 -0.72 0.00	93.54 -0.47 0.00	95.92 -0.48 0.00	90.24 -0.54 0.00	85.97 -0.87 0.00	77.24 -0.94 0.00	70.78 -0.64 0.00	78.91 -0.64 0.00
LINDEN COGEN____ 23786	53.51 2.24 12.64	44.50 1.68 9.68	42.66 1.35 5.17	42.66 1.16 3.35	42.66 1.15 4.31	42.66 1.20 6.61	43.50 1.01 10.96	43.50 1.40 14.07	43.50 1.71 17.30	43.50 1.81 25.40	54.15 2.19 18.54	54.16 2.00 10.49	54.89 1.81 5.11	54.89 1.96 8.38	54.89 1.78 4.26	54.96 2.10 14.86	42.82 3.04 32.68	42.68 4.51 55.85	42.41 4.72 58.71	40.96 4.45 54.27	38.41 4.43 52.85	38.96 3.60 42.81	46.44 3.14 28.12	52.19 2.47 29.82
LINDHRST_69_KV_BK1 356055	70.51 4.67 -1.92	62.65 3.67 -6.48	65.25 3.07 -15.70	61.42 2.83 -13.75	61.94 2.84 -13.28	61.98 2.93 -10.99	71.04 3.10 -14.49	86.97 3.59 -27.21	86.50 3.90 -23.52	78.85 4.23 -7.53	78.02 4.72 -2.80	75.20 4.26 -8.29	61.93 3.72 0.00	65.42 4.11 0.00	61.16 3.79 0.00	76.34 4.54 -4.08	92.62 5.65 -14.51	114.18 7.99 -12.18	106.22 8.29 -1.53	104.29 7.63 -5.88	98.71 7.38 -4.49	92.39 6.25 -7.96	81.54 5.57 -4.54	84.40 4.85 0.00
LIPA_MISC_IPP 23656	70.57 4.73 -1.92	62.65 3.67 -6.48	65.25 3.07 -15.70	61.42 2.83 -13.75	61.94 2.84 -13.28	61.98 2.93 -10.99	71.09 3.15 -14.49	87.02 3.65 -27.21	86.50 3.90 -23.52	78.78 4.16 -7.53	77.81 4.51 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.27 4.47 -4.08	92.62 5.65 -14.51	114.10 7.99 -12.10	106.06 8.19 -1.47	103.84 7.17 -5.88	98.22 6.95 -4.43	91.84 5.71 -7.96	81.18 5.21 -4.54	83.84 4.30 0.00
LISF____SOLAR 323691	70.70 4.86 -1.92	62.70 3.73 -6.48	65.34 3.16 -15.70	61.50 2.91 -13.75	62.04 2.94 -13.28	62.17 3.12 -10.99	71.20 3.26 -14.49	87.14 3.76 -27.21	86.62 4.02 -23.52	78.92 4.30 -7.53	77.88 4.58 -2.80	75.01 4.07 -8.29	61.75 3.55 0.00	65.24 3.93 0.00	60.99 3.62 0.00	76.34 4.54 -4.08	92.76 5.80 -14.51	114.39 8.28 -12.10	105.96 8.10 -1.47	104.11 7.45 -5.88	98.22 6.95 -4.44	92.00 5.87 -7.96	81.32 5.36 -4.54	84.48 4.93 0.00

LITTLE FALLS___HYD 24013	69.42 5.50 0.00	56.75 4.25 0.00	50.20 3.72 0.00	48.43 3.59 0.00	49.44 3.62 0.00	51.82 3.75 0.00	57.67 4.22 0.00	60.55 4.38 0.00	63.93 4.84 0.00	72.66 5.57 0.00	76.42 5.92 0.00	67.84 5.20 0.00	62.86 4.66 0.00	66.15 4.84 0.00	61.85 4.48 0.00	73.41 5.69 0.00	78.97 6.52 0.00	102.95 8.93 0.00	105.56 9.16 0.00	99.68 8.90 0.00	95.34 8.51 0.00	86.39 8.21 0.00	79.21 7.79 0.00	88.38 8.83 0.00
LITTLRIV_115KV_TB1 356100	66.22 2.30 0.00	54.86 2.36 0.00	48.53 2.05 0.00	46.82 1.97 0.00	47.66 1.83 0.00	50.04 1.97 0.00	55.64 2.19 0.00	58.58 2.42 0.00	61.27 2.19 0.00	69.44 2.35 0.00	72.76 2.26 0.00	64.52 1.88 0.00	60.36 2.15 0.00	63.03 1.72 0.00	59.50 2.12 0.00	69.48 1.76 0.00	73.39 0.94 0.00	94.58 0.56 0.00	96.59 0.19 0.00	91.51 0.73 0.00	87.44 0.61 0.00	79.97 1.80 0.00	73.42 2.00 0.00	82.57 3.02 0.00
LI_NEWBRDGE___DRP 323616	69.36 3.52 -1.92	61.81 2.83 -6.48	64.46 2.28 -15.70	60.65 2.06 -13.75	61.16 2.06 -13.28	61.12 2.07 -10.99	70.08 2.14 -14.49	85.96 2.58 -27.21	85.44 2.84 -23.52	77.71 3.09 -7.53	76.83 3.53 -2.80	74.13 3.19 -8.29	61.00 2.79 0.00	64.37 3.07 0.00	60.19 2.81 0.00	75.19 3.39 -4.08	91.38 4.42 -14.51	112.12 6.11 -11.99	104.24 6.46 -1.38	102.75 6.08 -5.88	97.10 5.90 -4.36	91.06 4.93 -7.96	80.32 4.36 -4.54	83.21 3.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	57.14 -6.78 0.00	46.99 -5.51 0.00	42.72 -3.76 0.00	41.75 -3.09 0.00	42.75 -3.07 0.00	44.89 -3.17 0.00	50.08 -3.37 0.00	50.89 -5.28 0.00	53.12 -5.97 0.00	61.12 -5.97 0.00	63.59 -6.91 0.00	56.88 -5.76 0.00	53.02 -5.18 0.00	56.59 -4.72 0.00	52.96 -4.42 0.00	62.78 -4.94 0.00	67.02 -5.43 0.00	86.12 -7.90 0.00	87.72 -8.68 0.00	81.98 -8.81 0.00	77.37 -9.46 0.00	68.56 -9.62 0.00	63.92 -7.50 0.00	72.79 -6.76 0.00
LOCKPORT___CC1 323769	56.95 -6.97 0.00	47.20 -5.30 0.00	42.58 -3.90 0.00	41.66 -3.18 0.00	42.66 -3.16 0.00	44.41 -3.66 0.00	49.98 -3.47 0.00	50.94 -5.22 0.00	52.94 -6.15 0.00	60.92 -6.17 0.00	63.38 -7.12 0.00	56.69 -5.95 0.00	52.85 -5.35 0.00	56.46 -4.84 0.00	52.84 -4.53 0.00	62.64 -5.08 0.00	66.87 -5.58 0.00	85.74 -8.27 0.00	87.63 -8.77 0.00	81.71 -9.08 0.00	77.11 -9.72 0.00	68.32 -9.85 0.00	63.71 -7.72 0.00	72.23 -7.32 0.00
LOCKPORT___CC2 323770	56.95 -6.97 0.00	47.20 -5.30 0.00	42.58 -3.90 0.00	41.66 -3.18 0.00	42.66 -3.16 0.00	44.41 -3.66 0.00	49.98 -3.47 0.00	50.94 -5.22 0.00	52.94 -6.15 0.00	60.92 -6.17 0.00	63.38 -7.12 0.00	56.69 -5.95 0.00	52.85 -5.35 0.00	56.46 -4.84 0.00	52.84 -4.53 0.00	62.64 -5.08 0.00	66.87 -5.58 0.00	85.74 -8.27 0.00	87.63 -8.77 0.00	81.71 -9.08 0.00	77.11 -9.72 0.00	68.32 -9.85 0.00	63.71 -7.72 0.00	72.23 -7.32 0.00
LOCKPORT___CC3 323771	56.95 -6.97 0.00	47.20 -5.30 0.00	42.58 -3.90 0.00	41.66 -3.18 0.00	42.66 -3.16 0.00	44.41 -3.66 0.00	49.98 -3.47 0.00	50.94 -5.22 0.00	52.94 -6.15 0.00	60.92 -6.17 0.00	63.38 -7.12 0.00	56.69 -5.95 0.00	52.85 -5.35 0.00	56.46 -4.84 0.00	52.84 -4.53 0.00	62.64 -5.08 0.00	66.87 -5.58 0.00	85.74 -8.27 0.00	87.63 -8.77 0.00	81.71 -9.08 0.00	77.11 -9.72 0.00	68.32 -9.85 0.00	63.71 -7.72 0.00	72.23 -7.32 0.00
LONG_LAKE_PHOENIX 24014	61.81 -2.11 0.00	50.71 -1.78 0.00	45.04 -1.44 0.00	43.50 -1.35 0.00	44.45 -1.37 0.00	46.67 -1.39 0.00	52.01 -1.44 0.00	54.54 -1.63 0.00	57.31 -1.77 0.00	65.28 -1.81 0.00	68.60 -1.90 0.00	60.95 -1.69 0.00	56.69 -1.51 0.00	59.71 -1.59 0.00	55.83 -1.55 0.00	65.89 -1.83 0.00	70.78 -1.67 0.00	92.13 -1.88 0.00	94.57 -1.83 0.00	88.79 -2.00 0.00	84.75 -2.08 0.00	75.99 -2.19 0.00	69.57 -1.86 0.00	77.40 -2.15 0.00
LOVETT___3 23632	66.09 2.17 0.00	54.23 1.73 0.00	47.64 1.16 0.00	45.83 0.99 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.25 0.80 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.43 1.34 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	101.99 3.86 -1.73	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	73.99 2.57 0.00	81.54 1.99 0.00
LOVETT___4 23642	66.09 2.17 0.00	54.23 1.73 0.00	47.64 1.16 0.00	45.83 0.99 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.25 0.80 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.43 1.34 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	101.99 3.86 -1.73	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	73.99 2.57 0.00	81.54 1.99 0.00
LOVETT___5 23593	66.09 2.17 0.00	54.23 1.73 0.00	47.64 1.16 0.00	45.83 0.99 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.25 0.80 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.43 1.34 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	101.99 3.86 -1.73	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	73.99 2.57 0.00	81.54 1.99 0.00
LOWER RAQUET___HYD 24057	65.52 1.60 0.00	54.23 1.73 0.00	48.01 1.53 0.00	46.32 1.48 0.00	47.10 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	72.05 1.55 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.93 1.55 0.00	68.60 0.88 0.00	72.45 0.00 0.00	93.07 -0.94 0.00	95.25 -1.15 0.00	90.24 -0.54 0.00	86.23 -0.60 0.00	78.88 0.70 0.00	72.50 1.07 0.00	81.54 1.99 0.00
LOWER___HUDSON 24059	66.92 3.00 0.00	54.91 2.42 0.00	48.52 2.04 0.00	46.73 1.88 0.00	47.79 1.97 0.00	50.13 2.07 0.00	55.64 2.19 0.00	58.52 2.36 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.60 3.10 0.00	65.34 2.69 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.43 2.71 0.00	76.07 3.62 0.00	99.18 5.17 0.00	117.46 5.40 -15.67	101.78 5.08 -5.92	91.61 4.77 0.00	82.24 4.06 0.00	75.21 3.78 0.00	83.44 3.90 0.00
LOWVILLE_115KV_TB2 356335	64.75 0.83 0.00	53.08 0.58 0.00	46.90 0.42 0.00	45.38 0.54 0.00	46.42 0.60 0.00	48.84 0.77 0.00	54.46 1.02 0.00	57.40 1.24 0.00	60.38 1.30 0.00	68.63 1.54 0.00	72.12 1.62 0.00	64.40 1.75 0.00	59.89 1.69 0.00	62.96 1.66 0.00	58.98 1.61 0.00	69.75 2.03 0.00	74.91 2.46 0.00	97.68 3.67 0.00	100.06 3.66 0.00	94.32 3.54 0.00	89.79 2.95 0.00	81.15 2.97 0.00	74.21 2.79 0.00	82.73 3.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	67.69 3.77 0.00	55.54 3.04 0.00	49.04 2.56 0.00	47.27 2.42 0.00	48.34 2.52 0.00	50.76 2.69 0.00	56.39 2.94 0.00	59.31 3.15 0.00	62.57 3.49 0.00	70.92 3.82 0.00	74.52 4.02 0.00	66.03 3.38 0.00	61.23 3.03 0.00	64.50 3.19 0.00	60.24 2.87 0.00	71.31 3.59 0.00	77.16 4.71 0.00	100.88 6.86 0.00	122.63 7.23 -19.00	104.68 6.72 -7.18	93.17 6.34 0.00	83.57 5.39 0.00	76.35 4.93 0.00	84.72 5.17 0.00

LUTHERNY_35_KV_BK2 355980	67.69 3.77 0.00	55.60 3.10 0.00	49.08 2.60 0.00	47.27 2.42 0.00	48.39 2.57 0.00	50.81 2.74 0.00	56.44 2.99 0.00	59.37 3.20 0.00	62.57 3.49 0.00	70.98 3.89 0.00	74.59 4.09 0.00	66.09 3.45 0.00	61.23 3.03 0.00	64.56 3.25 0.00	60.30 2.93 0.00	71.38 3.66 0.00	77.23 4.78 0.00	100.97 6.96 0.00	122.73 7.33 -19.00	104.77 6.81 -7.18	93.26 6.43 0.00	83.65 5.47 0.00	76.42 5.00 0.00	84.80 5.25 0.00
LWR___OSWEGATCHIE_HYD 23850	64.88 0.96 0.00	53.50 1.00 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.24 0.00	60.21 1.12 0.00	68.37 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.80 1.08 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.49 0.00	72.99 1.57 0.00	81.78 2.23 0.00
LYONS_FALL_HYD 23570	64.94 1.02 0.00	53.23 0.73 0.00	47.08 0.60 0.00	45.52 0.67 0.00	46.55 0.73 0.00	48.93 0.87 0.00	54.57 1.12 0.00	57.46 1.29 0.00	60.44 1.36 0.00	68.77 1.68 0.00	72.26 1.76 0.00	64.34 1.69 0.00	59.77 1.57 0.00	62.90 1.59 0.00	58.86 1.49 0.00	69.75 2.03 0.00	74.84 2.39 0.00	97.68 3.66 0.00	99.97 3.57 0.00	94.23 3.45 0.00	89.79 2.95 0.00	80.99 2.81 0.00	74.07 2.64 0.00	82.49 2.94 0.00
MADISON___COUNTY_LFGE 323628	65.07 1.15 0.00	53.34 0.84 0.00	47.27 0.79 0.00	45.70 0.85 0.00	46.69 0.87 0.00	49.08 1.01 0.00	54.68 1.23 0.00	57.46 1.29 0.00	60.50 1.42 0.00	68.84 1.74 0.00	72.26 1.76 0.00	64.15 1.50 0.00	59.60 1.40 0.00	62.78 1.47 0.00	58.75 1.38 0.00	69.62 1.90 0.00	74.84 2.39 0.00	97.49 3.48 0.00	99.96 3.57 0.00	94.05 3.27 0.00	89.61 2.78 0.00	80.60 2.42 0.00	73.64 2.21 0.00	81.93 2.39 0.00
MALONE___115KV_TB1 356076	66.67 2.75 0.00	55.07 2.57 0.00	48.76 2.28 0.00	47.00 2.15 0.00	47.89 2.06 0.00	50.37 2.31 0.00	55.96 2.51 0.00	58.86 2.70 0.00	61.92 2.84 0.00	70.24 3.15 0.00	73.60 3.10 0.00	65.21 2.57 0.00	60.65 2.44 0.00	63.52 2.21 0.00	59.67 2.30 0.00	70.16 2.44 0.00	74.26 1.81 0.00	95.14 1.13 0.00	97.17 0.77 0.00	92.15 1.36 0.00	87.96 1.13 0.00	80.44 2.27 0.00	73.57 2.14 0.00	82.57 3.02 0.00
MAPLEWOD_115KV_TB3 80458	66.47 2.56 0.00	54.60 2.10 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.47 1.65 0.00	49.75 1.68 0.00	55.16 1.71 0.00	58.02 1.85 0.00	61.15 2.07 0.00	69.31 2.21 0.00	73.04 2.54 0.00	64.90 2.26 0.00	60.18 1.98 0.00	63.45 2.15 0.00	59.33 1.95 0.00	69.82 2.10 0.00	75.28 2.83 0.00	98.06 4.04 -12.53	113.08 4.15 -4.73	99.42 3.90 0.00	90.65 3.82 0.00	81.46 3.28 0.00	74.49 3.07 0.00	82.73 3.18 0.00
MAPLE_RIDGE_WT_1 323574	63.60 -0.32 0.00	52.29 -0.21 0.00	46.30 -0.19 0.00	44.67 -0.18 0.00	45.69 -0.14 0.00	47.97 -0.10 0.00	53.34 -0.11 0.00	56.11 -0.06 0.00	59.08 0.00 0.00	67.23 0.13 0.00	70.71 0.21 0.00	62.83 0.19 0.00	58.50 0.29 0.00	61.49 0.18 0.00	57.66 0.29 0.00	67.92 0.20 0.00	72.38 -0.07 0.00	93.64 -0.37 0.00	95.92 -0.48 0.00	90.51 -0.27 0.00	86.57 -0.26 0.00	78.26 0.08 0.00	71.50 0.07 0.00	79.79 0.24 0.00
MAPLE_RIDGE_WT_2 323611	63.60 -0.32 0.00	52.29 -0.21 0.00	46.30 -0.19 0.00	44.67 -0.18 0.00	45.69 -0.14 0.00	47.97 -0.10 0.00	53.34 -0.11 0.00	56.11 -0.06 0.00	59.08 0.00 0.00	67.23 0.13 0.00	70.71 0.21 0.00	62.83 0.19 0.00	58.50 0.29 0.00	61.49 0.18 0.00	57.66 0.29 0.00	67.92 0.20 0.00	72.38 -0.07 0.00	93.64 -0.37 0.00	95.92 -0.48 0.00	90.51 -0.27 0.00	86.57 -0.26 0.00	78.26 0.08 0.00	71.50 0.07 0.00	79.79 0.24 0.00
MARBLE_RIVER_WT_PWR 323696	65.52 1.60 0.00	54.02 1.52 0.00	47.87 1.39 0.00	46.15 1.30 0.00	47.10 1.28 0.00	49.51 1.44 0.00	54.84 1.39 0.00	57.62 1.46 0.00	60.56 1.48 0.00	68.70 1.61 0.00	71.98 1.48 0.00	63.77 1.13 0.00	59.19 0.99 0.00	62.10 0.79 0.00	58.24 0.86 0.00	68.54 0.82 0.00	72.52 0.07 0.00	93.07 -0.94 0.00	95.25 -1.15 0.00	90.15 -0.63 0.00	86.32 -0.52 0.00	78.65 0.47 0.00	71.85 0.43 0.00	80.58 1.03 0.00
MARSHVLE_115KV_TB1 80742	66.99 3.07 0.00	54.91 2.41 0.00	48.48 2.00 0.00	46.73 1.88 0.00	47.84 2.02 0.00	50.33 2.26 0.00	56.07 2.62 0.00	59.03 2.86 0.00	62.22 3.13 0.00	70.11 3.02 0.00	73.11 2.61 0.00	64.40 1.75 0.00	59.37 1.16 0.00	62.72 1.41 0.00	58.47 1.09 0.00	69.75 2.03 0.00	76.73 4.27 0.00	101.16 7.15 0.00	122.05 7.81 -17.85	104.70 7.17 -6.74	93.35 6.51 0.00	83.73 5.55 0.00	76.42 5.00 0.00	84.64 5.09 0.00
MARSH_HILL_WT_PWR 323713	60.02 -3.90 0.00	49.40 -3.10 0.00	44.25 -2.23 0.00	42.92 -1.93 0.00	43.90 -1.92 0.00	45.95 -2.11 0.00	51.95 -1.50 0.00	53.58 -2.58 0.00	56.19 -2.89 0.00	64.47 -2.62 0.00	67.54 -2.96 0.00	60.33 -2.32 0.00	56.11 -2.09 0.00	59.59 -1.72 0.00	56.00 -1.38 0.00	66.63 -1.09 0.00	71.95 -0.50 0.00	93.45 -0.56 0.00	96.20 -0.67 -0.47	89.78 -1.18 -0.18	84.92 -1.91 0.00	75.52 -2.66 0.00	69.64 -1.78 0.00	78.12 -1.43 0.00
MCINTYRE_115KV_TB2 80467	66.60 2.68 0.00	55.12 2.62 0.00	48.76 2.28 0.00	47.09 2.24 0.00	47.98 2.15 0.00	50.37 2.31 0.00	56.07 2.62 0.00	58.97 2.81 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.18 2.68 0.00	64.84 2.19 0.00	60.65 2.44 0.00	63.33 2.02 0.00	59.79 2.41 0.00	70.09 2.37 0.00	74.12 1.67 0.00	95.52 1.50 0.00	97.55 1.16 0.00	92.42 1.63 0.00	88.22 1.39 0.00	80.68 2.50 0.00	73.92 2.50 0.00	83.05 3.50 0.00
MECO_____69_KV_BK1 80468	68.52 4.60 0.00	56.23 3.73 0.00	49.59 3.11 0.00	47.80 2.96 0.00	48.94 3.12 0.00	51.53 3.46 0.00	57.35 3.90 0.00	60.32 4.16 0.00	63.57 4.49 0.00	71.79 4.70 0.00	74.94 4.44 0.00	66.15 3.51 0.00	61.05 2.85 0.00	64.44 3.13 0.00	60.19 2.81 0.00	71.72 4.00 0.00	78.61 6.16 0.00	103.51 9.50 0.00	125.77 10.22 -19.15	107.55 9.53 -7.24	95.60 8.77 0.00	85.60 7.43 0.00	78.21 6.79 0.00	86.63 7.08 0.00
MENANDS___115KV_TB5 355628	66.28 2.36 0.00	54.44 1.94 0.00	48.06 1.58 0.00	46.28 1.44 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.95 1.50 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	60.01 1.80 0.00	63.27 1.96 0.00	59.10 1.72 0.00	69.48 1.76 0.00	74.91 2.46 0.00	97.40 3.38 0.00	111.84 3.47 -11.97	98.58 3.27 -4.52	90.05 3.21 0.00	80.99 2.81 0.00	74.14 2.71 0.00	82.41 2.86 0.00
MG INDUSTRY___DRP 24185	67.82 3.90 0.00	55.70 3.20 0.00	49.22 2.74 0.00	47.40 2.56 0.00	48.48 2.66 0.00	50.85 2.79 0.00	56.34 2.89 0.00	58.92 2.75 0.00	61.92 2.84 0.00	69.84 2.75 0.00	73.46 2.96 0.00	65.15 2.51 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.29 2.57 0.00	76.29 3.84 0.00	99.56 5.55 0.00	109.86 5.49 -7.97	99.06 5.27 -3.01	92.13 5.30 0.00	82.87 4.69 0.00	75.92 4.50 0.00	84.80 5.25 0.00

MID___OSWEGATCHIE_HYD 23849	64.88 0.96 0.00	53.50 1.00 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.24 0.00	60.21 1.12 0.00	68.37 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.80 1.08 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.49 0.00	72.99 1.57 0.00	81.78 2.23 0.00
MID___RAQUETTE_HYD 23851	65.52 1.60 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.32 1.48 0.00	47.11 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	72.05 1.55 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.92 1.55 0.00	68.67 0.95 0.00	72.45 0.00 0.00	93.17 -0.85 0.00	95.24 -1.16 0.00	90.24 -0.54 0.00	86.23 -0.61 0.00	78.88 0.70 0.00	72.49 1.07 0.00	81.54 1.99 0.00
MILLIKEN___1 23584	63.73 -0.19 0.00	52.24 -0.26 0.00	46.53 0.05 0.00	44.98 0.13 0.00	45.96 0.14 0.00	48.31 0.24 0.00	53.88 0.43 0.00	56.50 0.34 0.00	59.32 0.24 0.00	67.56 0.47 0.00	70.92 0.42 0.00	63.02 0.38 0.00	58.55 0.35 0.00	61.68 0.37 0.00	57.72 0.34 0.00	68.46 0.74 0.00	73.68 1.23 0.00	96.08 2.07 0.00	99.12 2.22 -0.50	92.79 1.82 -0.19	88.31 1.48 0.00	78.96 0.78 0.00	72.35 0.93 0.00	80.50 0.95 0.00
MILLIKEN___2 23585	63.73 -0.19 0.00	52.24 -0.26 0.00	46.53 0.05 0.00	44.98 0.13 0.00	45.96 0.14 0.00	48.31 0.24 0.00	53.88 0.43 0.00	56.50 0.34 0.00	59.32 0.24 0.00	67.56 0.47 0.00	70.92 0.42 0.00	63.02 0.38 0.00	58.55 0.35 0.00	61.68 0.37 0.00	57.72 0.34 0.00	68.46 0.74 0.00	73.68 1.23 0.00	96.08 2.07 0.00	99.12 2.22 -0.50	92.79 1.82 -0.19	88.31 1.48 0.00	78.96 0.78 0.00	72.35 0.93 0.00	80.50 0.95 0.00
MILLIKEN___DIESEL 23629	63.73 -0.19 0.00	52.24 -0.26 0.00	46.53 0.05 0.00	44.98 0.13 0.00	45.96 0.14 0.00	48.31 0.24 0.00	53.88 0.43 0.00	56.50 0.34 0.00	59.32 0.24 0.00	67.56 0.47 0.00	70.92 0.42 0.00	63.02 0.38 0.00	58.55 0.35 0.00	61.68 0.37 0.00	57.72 0.34 0.00	68.46 0.74 0.00	73.68 1.23 0.00	96.08 2.07 0.00	99.12 2.22 -0.50	92.79 1.82 -0.19	88.31 1.48 0.00	78.96 0.78 0.00	72.35 0.93 0.00	80.50 0.95 0.00
MILLSEAT___LFGE 323607	58.68 -5.24 0.00	48.46 -4.04 0.00	43.74 -2.74 0.00	42.74 -2.11 0.00	43.76 -2.06 0.00	45.62 -2.45 0.00	51.31 -2.14 0.00	52.57 -3.60 0.00	54.71 -4.37 0.00	62.87 -4.22 0.00	65.42 -5.08 0.00	58.45 -4.20 0.00	54.48 -3.73 0.00	58.06 -3.25 0.00	54.28 -3.10 0.00	64.47 -3.25 0.00	69.05 -3.40 0.00	89.03 -4.99 0.00	91.10 -5.30 0.00	84.88 -5.90 0.00	80.06 -6.77 0.00	70.99 -7.19 0.00	66.07 -5.36 0.00	74.54 -5.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	66.54 2.62 0.00	54.55 2.05 0.00	48.01 1.53 0.00	46.23 1.39 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.73 1.28 0.00	57.85 1.68 0.00	61.03 1.95 0.00	69.10 2.01 0.00	72.90 2.40 0.00	64.77 2.13 0.00	60.12 1.92 0.00	63.45 2.15 0.00	59.27 1.89 0.00	70.02 2.30 0.00	75.64 3.19 0.00	98.62 4.61 0.00	103.01 4.82 -1.79	96.00 4.54 -0.68	91.35 4.52 0.00	81.93 3.75 0.00	74.71 3.29 0.00	82.33 2.78 0.00
MILLWOOD_13_KV_LOAD 356217	66.67 2.75 0.00	54.65 2.15 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.29 1.47 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.24 2.15 0.00	73.04 2.54 0.00	64.90 2.26 0.00	60.24 2.04 0.00	63.52 2.21 0.00	59.38 2.01 0.00	70.16 2.44 0.00	75.86 3.41 0.00	98.81 4.79 0.00	103.30 5.11 -1.79	96.27 4.81 -0.68	91.61 4.78 0.00	82.16 3.99 0.00	74.92 3.50 0.00	82.49 2.94 0.00
MODEL_CITY_ENERGY 24167	56.57 -7.35 0.00	46.88 -5.62 0.00	42.30 -4.18 0.00	41.39 -3.45 0.00	42.39 -3.44 0.00	44.13 -3.94 0.00	49.60 -3.85 0.00	50.55 -5.62 0.00	52.52 -6.56 0.00	60.45 -6.64 0.00	62.96 -7.54 0.00	56.25 -6.39 0.00	52.44 -5.76 0.00	56.04 -5.27 0.00	52.44 -4.93 0.00	62.17 -5.55 0.00	66.37 -6.09 0.00	85.08 -8.93 0.00	86.95 -9.44 0.00	81.07 -9.71 0.00	76.41 -10.42 0.00	67.70 -10.47 0.00	63.21 -8.21 0.00	71.76 -7.79 0.00
MODERN_LFGE___ 323580	56.57 -7.35 0.00	46.88 -5.62 0.00	42.30 -4.18 0.00	41.39 -3.45 0.00	42.39 -3.44 0.00	44.13 -3.94 0.00	49.60 -3.85 0.00	50.55 -5.62 0.00	52.52 -6.56 0.00	60.45 -6.64 0.00	62.96 -7.54 0.00	56.25 -6.39 0.00	52.44 -5.76 0.00	56.04 -5.27 0.00	52.44 -4.93 0.00	62.17 -5.55 0.00	66.37 -6.09 0.00	85.08 -8.93 0.00	86.95 -9.44 0.00	81.07 -9.71 0.00	76.41 -10.42 0.00	67.70 -10.47 0.00	63.21 -8.21 0.00	71.76 -7.79 0.00
MOHAWK_PAPER___DRP 24187	66.47 2.56 0.00	54.60 2.10 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.47 1.65 0.00	49.75 1.68 0.00	55.16 1.71 0.00	58.02 1.85 0.00	61.15 2.07 0.00	69.31 2.21 0.00	73.04 2.54 0.00	64.90 2.26 0.00	60.18 1.98 0.00	63.45 2.15 0.00	59.33 1.95 0.00	69.82 2.10 0.00	75.28 2.83 0.00	98.06 4.04 0.00	113.08 4.15 -12.53	99.42 3.90 -4.73	90.65 3.82 0.00	81.46 3.28 0.00	74.49 3.07 0.00	82.73 3.18 0.00
MOHICAN___35_KV_115KV_LD 80490	68.78 4.86 0.00	56.49 3.99 0.00	49.83 3.35 0.00	48.03 3.18 0.00	49.17 3.35 0.00	51.67 3.60 0.00	57.46 4.01 0.00	60.43 4.27 0.00	63.81 4.73 0.00	72.39 5.30 0.00	76.00 5.50 0.00	67.22 4.57 0.00	62.22 4.02 0.00	65.54 4.23 0.00	61.16 3.79 0.00	72.53 4.81 0.00	78.68 6.23 0.00	103.04 9.03 0.00	125.10 9.64 -19.07	106.88 8.90 -7.20	95.17 8.34 0.00	85.37 7.19 0.00	77.99 6.57 0.00	86.47 6.92 0.00
MONGAUP___HYD 23641	66.66 2.75 0.00	54.60 2.10 0.00	48.11 1.63 0.00	46.32 1.48 0.00	47.38 1.56 0.00	49.65 1.58 0.00	55.11 1.66 0.00	58.02 1.85 0.00	61.15 2.07 0.00	69.04 1.95 0.00	72.69 2.19 0.00	64.52 1.88 0.00	59.89 1.69 0.00	63.09 1.78 0.00	59.09 1.72 0.00	69.89 2.17 0.00	75.71 3.26 0.00	98.53 4.51 0.00	102.76 4.72 -1.63	95.94 4.54 -0.62	91.78 4.95 0.00	82.40 4.22 0.00	75.06 3.64 0.00	83.04 3.50 0.00
MONTAUK___DIESEL 23721	70.89 5.05 -1.92	62.75 3.78 -6.48	65.25 3.07 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	71.20 3.26 -14.49	87.19 3.82 -27.21	86.68 4.08 -23.52	79.12 4.50 -7.53	77.39 4.09 -2.80	74.82 3.88 -8.29	61.52 3.32 0.00	64.99 3.68 0.00	60.53 3.16 0.00	76.00 4.20 -4.08	92.47 5.51 -14.51	114.29 8.18 -12.10	106.44 8.58 -1.47	104.56 7.90 -5.88	99.00 7.73 -4.44	92.47 6.33 -7.96	81.68 5.71 -4.54	84.80 5.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	59.25 -4.67 0.00	48.72 -3.78 0.00	44.11 -2.37 0.00	43.05 -1.79 0.00	44.13 -1.70 0.00	46.48 -1.59 0.00	52.27 -1.18 0.00	53.41 -2.75 0.00	56.01 -3.07 0.00	64.68 -2.42 0.00	67.33 -3.17 0.00	60.33 -2.32 0.00	56.17 -2.04 0.00	59.90 -1.41 0.00	56.17 -1.20 0.00	66.70 -1.02 0.00	71.22 -1.23 0.00	91.66 -2.35 0.00	93.41 -2.99 0.00	87.15 -3.63 0.00	82.32 -4.52 0.00	72.78 -5.39 0.00	67.50 -3.93 0.00	76.68 -2.86 0.00

MORRIS_RIDGE___SOLAR 323848	59.32 -4.60 0.00	48.93 -3.57 0.00	43.97 -2.51 0.00	42.74 -2.11 0.00	43.76 -2.06 0.00	45.71 -2.35 0.00	51.47 -1.98 0.00	53.08 -3.09 0.00	55.36 -3.72 0.00	63.34 -3.76 0.00	66.13 -4.37 0.00	59.01 -3.63 0.00	54.94 -3.26 0.00	58.37 -2.94 0.00	54.74 -2.64 0.00	65.01 -2.71 0.00	69.99 -2.46 0.00	90.63 -3.38 0.00	93.28 -3.56 -0.45	86.96 -3.99 -0.17	82.14 -4.69 0.00	73.01 -5.16 0.00	67.50 -3.93 0.00	75.97 -3.58 0.00
MORTIMER_115KV_TB3 55949	60.21 -3.71 0.00	49.40 -3.10 0.00	44.48 -2.00 0.00	43.23 -1.61 0.00	44.27 -1.56 0.00	46.48 -1.59 0.00	51.85 -1.60 0.00	53.58 -2.58 0.00	56.07 -3.01 0.00	64.21 -2.88 0.00	67.12 -3.38 0.00	59.89 -2.76 0.00	55.76 -2.44 0.00	59.10 -2.21 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	70.13 -2.32 0.00	90.82 -3.20 0.00	92.93 -3.47 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.56 -4.61 0.00	67.92 -3.50 0.00	76.29 -3.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	66.67 2.75 0.00	54.70 2.20 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.57 3.02 0.00
MUNSVILLE_WIND_PWR 323609	68.07 4.15 0.00	55.54 3.04 0.00	49.22 2.74 0.00	47.72 2.87 0.00	48.67 2.84 0.00	51.05 2.98 0.00	57.13 3.69 0.00	60.10 3.93 0.00	63.40 4.31 0.00	72.46 5.37 0.00	76.07 5.57 0.00	67.21 4.57 0.00	62.16 3.96 0.00	65.48 4.17 0.00	61.16 3.79 0.00	73.34 5.62 0.00	79.63 7.17 0.00	104.82 10.81 0.00	108.69 11.08 -1.21	101.86 10.62 -0.46	96.21 9.38 0.00	86.31 8.13 0.00	78.92 7.50 0.00	87.82 8.27 0.00
N SALMON___HYD 24042	66.66 2.75 0.00	55.02 2.52 0.00	48.76 2.28 0.00	47.00 2.15 0.00	47.89 2.06 0.00	50.37 2.31 0.00	55.96 2.51 0.00	58.86 2.70 0.00	61.92 2.84 0.00	70.25 3.15 0.00	73.60 3.10 0.00	65.21 2.57 0.00	60.65 2.44 0.00	63.51 2.20 0.00	59.67 2.30 0.00	70.09 2.37 0.00	74.26 1.81 0.00	95.05 1.04 0.00	97.08 0.68 0.00	92.15 1.36 0.00	87.96 1.13 0.00	80.45 2.27 0.00	73.56 2.14 0.00	82.57 3.02 0.00
N.AKRON__115KV_KNAPP 355671	58.49 -5.43 0.00	48.09 -4.41 0.00	43.65 -2.84 0.00	42.65 -2.20 0.00	43.67 -2.15 0.00	45.86 -2.21 0.00	51.20 -2.24 0.00	52.23 -3.93 0.00	54.53 -4.55 0.00	62.73 -4.36 0.00	65.21 -5.29 0.00	58.32 -4.32 0.00	54.36 -3.84 0.00	57.94 -3.37 0.00	54.16 -3.21 0.00	64.27 -3.45 0.00	68.83 -3.62 0.00	88.66 -5.36 0.00	90.52 -5.88 0.00	84.52 -6.26 0.00	79.80 -7.03 0.00	70.75 -7.43 0.00	65.85 -5.57 0.00	74.62 -4.93 0.00
N.BELMOR_69_KV_BK1 55787	69.80 3.96 -1.92	62.12 3.15 -6.48	64.74 2.56 -15.70	60.97 2.38 -13.75	61.48 2.38 -13.28	61.41 2.36 -10.99	70.40 2.46 -14.49	86.35 2.98 -27.21	85.85 3.25 -23.52	78.18 3.56 -7.53	77.25 3.95 -2.80	74.51 3.57 -8.29	61.29 3.08 0.00	64.68 3.37 0.00	60.47 3.10 0.00	75.59 3.79 -4.08	91.75 4.78 -14.51	113.00 6.67 -12.31	105.06 7.04 -1.63	103.29 6.63 -5.88	97.90 6.43 -4.64	91.68 5.55 -7.96	80.89 4.93 -4.54	83.76 4.22 0.00
N.E_GEN_SANDY PD 24062	79.10 2.94 -12.24	78.00 2.31 -23.19	79.19 1.91 -30.80	76.35 1.80 -29.71	77.79 1.79 -30.18	81.97 1.83 -32.08	88.58 1.87 -33.26	97.89 2.08 -39.64	86.21 2.30 -24.82	81.25 2.48 -11.68	88.39 2.82 -15.07	78.38 2.51 -13.23	75.97 2.27 -15.50	73.80 2.45 -10.04	78.30 2.24 -18.69	91.60 2.57 -21.31	106.90 3.48 -30.97	135.10 4.79 -36.29	131.00 5.01 -29.59	119.86 4.72 -24.36	118.42 4.60 -26.99	111.67 3.91 -29.59	106.16 3.50 -31.24	100.00 3.42 -17.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	66.22 2.30 0.00	54.34 1.84 0.00	47.74 1.25 0.00	45.92 1.08 0.00	46.88 1.05 0.00	49.03 0.96 0.00	54.36 0.91 0.00	57.51 1.35 0.00	60.62 1.54 0.00	68.57 1.48 0.00	72.33 1.83 0.00	64.34 1.69 0.00	59.72 1.51 0.00	62.96 1.66 0.00	58.87 1.49 0.00	69.48 1.76 0.00	75.06 2.61 0.00	97.87 3.85 0.00	102.27 4.15 -1.73	95.34 3.90 -0.65	90.74 3.91 0.00	81.38 3.21 0.00	74.14 2.71 0.00	81.70 2.15 0.00
N.QUEENS_27_KV_LOAD 356247	66.22 2.30 0.00	54.34 1.84 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.20 1.37 0.00	49.41 1.35 0.00	54.52 1.07 0.00	57.74 1.57 0.00	60.98 1.89 0.00	69.24 2.15 0.00	73.11 2.61 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.16 2.44 0.00	75.93 3.48 0.00	99.06 4.89 -0.15	103.62 5.30 -1.92	96.46 4.99 -0.68	91.89 4.95 -0.10	82.24 4.07 0.00	74.92 3.50 0.00	82.09 2.55 0.00
N.TROY___115KV_TB1 355778	66.92 3.00 0.00	54.91 2.41 0.00	48.53 2.05 0.00	46.73 1.88 0.00	47.79 1.97 0.00	50.09 2.02 0.00	55.64 2.19 0.00	58.53 2.36 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.60 3.10 0.00	65.34 2.69 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.50 2.78 0.00	76.07 3.62 0.00	99.18 5.17 0.00	117.46 5.40 -15.67	101.79 5.08 -5.92	91.61 4.78 0.00	82.32 4.14 0.00	75.21 3.79 0.00	83.45 3.90 0.00
NARROWS_GT1_1 24228	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_2 24229	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_3 24230	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_4 24231	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00

NARROWS_GT1_5 24232	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_6 24233	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_7 24234	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT1_8 24235	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_1 24236	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_2 24237	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_3 24238	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_4 24239	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_5 24240	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_6 24241	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_7 24242	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NARROWS_GT2_8 24243	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	67.88 3.96 0.00	55.70 3.20 0.00	49.22 2.74 0.00	47.36 2.51 0.00	48.53 2.70 0.00	50.90 2.84 0.00	56.50 3.05 0.00	58.97 2.81 0.00	62.16 3.07 0.00	70.11 3.02 0.00	73.81 3.31 0.00	65.34 2.69 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.44 3.98 0.00	100.12 6.11 0.00	108.99 5.40 -7.20	98.59 5.08 -2.72	92.48 5.64 0.00	83.02 4.85 0.00	75.99 4.57 0.00	85.04 5.49 0.00
NCHELSEA_115KV_TR2 355582	66.99 3.07 0.00	54.91 2.41 0.00	48.39 1.91 0.00	46.59 1.75 0.00	47.61 1.79 0.00	49.84 1.78 0.00	55.32 1.87 0.00	58.30 2.13 0.00	61.51 2.42 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.67 2.30 0.00	70.50 2.78 0.00	76.22 3.77 0.00	99.56 5.55 0.00	104.05 5.78 -1.87	96.94 5.45 -0.71	92.22 5.38 0.00	82.71 4.53 0.00	75.35 3.93 0.00	83.21 3.66 0.00
NEG CAPITAL___MECHNVIL 23645	67.75 3.83 0.00	55.59 3.10 0.00	49.08 2.60 0.00	47.31 2.46 0.00	48.39 2.56 0.00	50.80 2.74 0.00	56.44 2.99 0.00	59.37 3.20 0.00	62.63 3.54 0.00	71.05 3.96 0.00	74.66 4.16 0.00	66.21 3.57 0.00	61.34 3.14 0.00	64.68 3.37 0.00	60.41 3.04 0.00	71.44 3.72 0.00	77.31 4.85 0.00	101.07 7.05 0.00	121.92 7.42 -18.10	104.52 6.90 -6.84	93.35 6.52 0.00	83.73 5.55 0.00	76.50 5.07 0.00	84.88 5.33 0.00

NEG CENTRAL_HIGH_ACRES 23767	59.83 -4.09 0.00	49.19 -3.31 0.00	44.02 -2.46 0.00	42.74 -2.11 0.00	43.72 -2.11 0.00	45.76 -2.31 0.00	51.26 -2.19 0.00	53.24 -2.92 0.00	55.72 -3.37 0.00	63.74 -3.35 0.00	66.69 -3.81 0.00	59.45 -3.19 0.00	55.35 -2.85 0.00	58.55 -2.76 0.00	54.68 -2.70 0.00	64.81 -2.91 0.00	69.55 -2.90 0.00	90.16 -3.86 0.00	92.44 -3.96 0.00	86.52 -4.27 0.00	82.14 -4.69 0.00	73.33 -4.85 0.00	67.57 -3.86 0.00	75.49 -4.05 0.00
NEG CENTRAL___DRP 24199	62.00 -1.92 0.00	50.87 -1.63 0.00	45.50 -0.98 0.00	44.04 -0.81 0.00	45.04 -0.78 0.00	47.35 -0.72 0.00	52.81 -0.64 0.00	55.10 -1.07 0.00	57.84 -1.24 0.00	65.95 -1.14 0.00	69.09 -1.41 0.00	61.52 -1.13 0.00	57.21 -0.99 0.00	60.33 -0.98 0.00	56.40 -0.98 0.00	66.91 -0.81 0.00	71.94 -0.51 0.00	93.73 -0.28 0.00	96.01 -0.39 0.00	90.24 -0.54 0.00	85.88 -0.96 0.00	76.69 -1.49 0.00	70.35 -1.07 0.00	78.43 -1.11 0.00
NEG CENTRAL___INDECK 23768	60.02 -3.90 0.00	49.35 -3.15 0.00	44.39 -2.09 0.00	43.10 -1.75 0.00	44.08 -1.74 0.00	46.14 -1.92 0.00	52.01 -1.44 0.00	53.92 -2.25 0.00	56.31 -2.78 0.00	64.21 -2.88 0.00	66.91 -3.59 0.00	59.70 -2.94 0.00	55.41 -2.79 0.00	58.74 -2.57 0.00	54.97 -2.41 0.00	65.49 -2.23 0.00	70.79 -1.66 0.00	92.13 -1.88 0.00	94.67 -1.73 0.00	88.34 -2.45 0.00	83.71 -3.12 0.00	74.50 -3.67 0.00	68.71 -2.71 0.00	76.69 -2.86 0.00
NEG CENTRAL___SENECA 23627	61.94 -1.98 0.00	50.77 -1.73 0.00	45.64 -0.84 0.00	44.22 -0.63 0.00	45.23 -0.60 0.00	47.54 -0.53 0.00	53.02 -0.43 0.00	55.21 -0.95 0.00	57.84 -1.24 0.00	66.08 -1.01 0.00	69.16 -1.34 0.00	61.58 -1.06 0.00	57.33 -0.87 0.00	60.51 -0.80 0.00	56.57 -0.80 0.00	67.18 -0.54 0.00	72.31 -0.14 0.00	94.11 0.09 0.00	96.40 0.00 0.00	90.51 -0.27 0.00	86.05 -0.78 0.00	76.69 -1.49 0.00	70.50 -0.93 0.00	78.67 -0.88 0.00
NEG CENTRAL___STATE_STREET 24147	62.58 -1.34 0.00	51.29 -1.21 0.00	45.69 -0.79 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.49 -0.58 0.00	52.97 -0.48 0.00	55.44 -0.73 0.00	58.26 -0.83 0.00	66.42 -0.67 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.70 -0.61 0.00	56.74 -0.63 0.00	67.18 -0.54 0.00	72.23 -0.22 0.00	94.11 0.09 0.00	96.69 0.29 0.00	90.69 -0.09 0.00	86.49 -0.35 0.00	77.40 -0.78 0.00	70.85 -0.57 0.00	78.83 -0.72 0.00
NEG MILLWOOD___DRP 24198	67.31 3.39 0.00	55.18 2.68 0.00	48.62 2.14 0.00	46.77 1.93 0.00	47.84 2.02 0.00	50.09 2.02 0.00	55.53 2.08 0.00	58.64 2.47 0.00	61.86 2.78 0.00	69.98 2.88 0.00	73.96 3.45 0.00	65.65 3.01 0.00	60.82 2.62 0.00	64.19 2.88 0.00	59.96 2.58 0.00	70.90 3.18 0.00	76.73 4.27 0.00	100.12 6.11 0.00	104.62 6.36 -1.86	97.66 6.17 -0.70	92.91 6.08 0.00	83.41 5.24 0.00	76.07 4.64 0.00	83.68 4.14 0.00
NEG NORTH_FLCN_SEA 23793	66.54 2.62 0.00	54.86 2.36 0.00	48.62 2.14 0.00	46.86 2.02 0.00	47.84 2.02 0.00	50.23 2.16 0.00	55.32 1.87 0.00	58.13 1.97 0.00	61.15 2.07 0.00	69.37 2.28 0.00	72.69 2.19 0.00	64.40 1.75 0.00	59.72 1.51 0.00	62.60 1.29 0.00	58.75 1.38 0.00	69.14 1.42 0.00	73.25 0.80 0.00	93.92 -0.09 0.00	95.92 -0.48 0.00	90.87 0.09 0.00	87.01 0.17 0.00	79.27 1.09 0.00	72.49 1.07 0.00	81.30 1.75 0.00
NEG NORTH_KES_CHATEGAY 23792	65.71 1.79 0.00	54.23 1.73 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.60 1.54 0.00	55.05 1.60 0.00	57.85 1.68 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.26 1.76 0.00	64.02 1.38 0.00	59.42 1.22 0.00	62.29 0.98 0.00	58.52 1.15 0.00	68.87 1.15 0.00	72.89 0.43 0.00	93.45 -0.56 0.00	95.53 -0.87 0.00	90.51 -0.27 0.00	86.66 -0.17 0.00	78.96 0.78 0.00	72.14 0.71 0.00	80.90 1.35 0.00
NEG NORTH___ALICE_FALLS 23915	66.86 2.94 0.00	55.18 2.68 0.00	48.85 2.37 0.00	47.09 2.24 0.00	48.02 2.20 0.00	50.47 2.40 0.00	55.75 2.30 0.00	58.64 2.47 0.00	61.74 2.66 0.00	69.98 2.88 0.00	73.32 2.82 0.00	64.96 2.32 0.00	60.24 2.04 0.00	63.15 1.84 0.00	59.27 1.89 0.00	69.82 2.10 0.00	73.97 1.52 0.00	94.77 0.75 0.00	96.78 0.39 0.00	91.78 1.00 0.00	87.70 0.87 0.00	80.05 1.88 0.00	73.14 1.71 0.00	82.01 2.47 0.00
NEG NORTH___LWR_SARANAC 23913	66.86 2.94 0.00	55.18 2.68 0.00	48.85 2.37 0.00	47.09 2.24 0.00	48.02 2.20 0.00	50.47 2.40 0.00	55.75 2.30 0.00	58.64 2.47 0.00	61.74 2.66 0.00	69.98 2.88 0.00	73.32 2.82 0.00	64.96 2.32 0.00	60.24 2.04 0.00	63.15 1.84 0.00	59.27 1.89 0.00	69.82 2.10 0.00	73.97 1.52 0.00	94.77 0.75 0.00	96.78 0.39 0.00	91.78 1.00 0.00	87.70 0.87 0.00	80.05 1.88 0.00	73.14 1.71 0.00	82.01 2.47 0.00
NEG NORTH___PLATTSBURG 23628	66.86 2.94 0.00	55.12 2.62 0.00	48.85 2.37 0.00	47.09 2.24 0.00	48.02 2.20 0.00	50.47 2.40 0.00	55.75 2.30 0.00	58.63 2.47 0.00	61.75 2.66 0.00	69.97 2.88 0.00	73.32 2.82 0.00	64.96 2.32 0.00	60.24 2.04 0.00	63.15 1.84 0.00	59.27 1.89 0.00	69.82 2.10 0.00	73.97 1.52 0.00	94.68 0.66 0.00	96.79 0.39 0.00	91.78 1.00 0.00	87.70 0.87 0.00	80.05 1.87 0.00	73.13 1.71 0.00	82.02 2.47 0.00
NEG WEST_LEA_LOCKPORT 23791	56.95 -6.97 0.00	46.88 -5.62 0.00	42.58 -3.90 0.00	41.66 -3.18 0.00	42.66 -3.16 0.00	44.80 -3.27 0.00	49.97 -3.47 0.00	50.72 -5.45 0.00	52.94 -6.14 0.00	60.92 -6.17 0.00	63.38 -7.12 0.00	56.69 -5.95 0.00	52.85 -5.35 0.00	56.47 -4.84 0.00	52.84 -4.53 0.00	62.57 -5.15 0.00	66.80 -5.65 0.00	85.74 -8.27 0.00	87.43 -8.97 0.00	81.71 -9.08 0.00	77.11 -9.73 0.00	68.33 -9.85 0.00	63.71 -7.71 0.00	72.55 -7.00 0.00
NEG WEST___LANCASTR 23811	58.23 -5.69 0.00	47.93 -4.57 0.00	43.46 -3.02 0.00	42.38 -2.47 0.00	43.39 -2.43 0.00	45.52 -2.55 0.00	50.99 -2.46 0.00	52.18 -3.99 0.00	54.48 -4.61 0.00	62.53 -4.56 0.00	65.14 -5.36 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.81 -3.49 0.00	54.22 -3.16 0.00	64.20 -3.52 0.00	68.61 -3.84 0.00	88.28 -5.73 0.00	90.04 -6.36 0.00	84.16 -6.63 0.00	79.54 -7.29 0.00	70.52 -7.66 0.00	65.42 -6.00 0.00	74.38 -5.17 0.00
NEG_PENN_ALLEGHNY 23528	62.89 -1.03 0.00	51.66 -0.84 0.00	46.02 -0.46 0.00	44.53 -0.31 0.00	45.50 -0.32 0.00	47.68 -0.39 0.00	53.24 -0.21 0.00	55.72 -0.45 0.00	58.44 -0.65 0.00	66.55 -0.54 0.00	69.87 -0.64 0.00	62.14 -0.50 0.00	57.73 -0.47 0.00	60.94 -0.37 0.00	57.03 -0.34 0.00	67.52 -0.20 0.00	72.60 0.15 0.00	94.39 0.38 0.00	97.69 0.48 -0.80	91.27 0.18 -0.30	86.66 0.18 0.00	77.55 -0.17 0.00	71.07 -0.63 0.00	79.23 -0.36 0.00
NEG___GEN_MONROE 24207	59.83 -4.09 0.00	49.09 -3.41 0.00	44.30 -2.18 0.00	43.10 -1.75 0.00	44.13 -1.70 0.00	46.38 -1.68 0.00	51.79 -1.66 0.00	53.25 -2.92 0.00	55.78 -3.31 0.00	63.94 -3.15 0.00	66.76 -3.74 0.00	59.57 -3.07 0.00	55.41 -2.79 0.00	58.79 -2.51 0.00	54.91 -2.47 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.25 -3.76 0.00	92.45 -3.95 0.00	86.34 -4.45 0.00	81.80 -5.04 0.00	72.86 -5.32 0.00	67.28 -4.14 0.00	75.81 -3.74 0.00

NEPA__ENERGY 23901	58.55 -5.37 0.00	48.19 -4.30 0.00	43.69 -2.79 0.00	42.65 -2.20 0.00	43.67 -2.15 0.00	45.90 -2.16 0.00	51.42 -2.03 0.00	52.40 -3.76 0.00	54.83 -4.25 0.00	63.13 -3.96 0.00	65.71 -4.79 0.00	58.82 -3.82 0.00	54.83 -3.38 0.00	58.49 -2.82 0.00	54.79 -2.58 0.00	64.94 -2.78 0.00	69.41 -3.04 0.00	89.22 -4.79 0.00	91.00 -5.40 0.00	84.97 -5.81 0.00	80.23 -6.60 0.00	71.06 -7.11 0.00	66.00 -5.43 0.00	75.17 -4.38 0.00
NEVERSink__HYD 23608	66.48 2.56 0.00	54.44 1.94 0.00	48.01 1.53 0.00	46.24 1.39 0.00	47.25 1.42 0.00	49.56 1.49 0.00	55.00 1.55 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.10 2.01 0.00	72.76 2.26 0.00	64.59 1.94 0.00	59.89 1.69 0.00	63.15 1.84 0.00	59.09 1.72 0.00	69.89 2.17 0.00	75.71 3.26 0.00	99.18 5.17 0.00	103.63 5.30 -1.93	96.50 4.99 -0.73	91.69 4.86 0.00	82.24 4.06 0.00	74.92 3.50 0.00	82.89 3.34 0.00
NEWKRMKL_115KV_TB1 55635	66.09 2.17 0.00	54.28 1.78 0.00	47.92 1.44 0.00	46.19 1.35 0.00	47.20 1.37 0.00	49.46 1.39 0.00	54.79 1.34 0.00	57.63 1.46 0.00	60.74 1.65 0.00	68.77 1.68 0.00	72.62 2.12 0.00	64.52 1.88 0.00	59.83 1.63 0.00	63.09 1.78 0.00	58.92 1.55 0.00	69.21 1.49 0.00	74.62 2.17 0.00	96.93 2.91 0.00	110.89 2.89 -11.60	97.98 2.81 -4.38	89.61 2.78 0.00	80.60 2.42 0.00	73.85 2.43 0.00	82.17 2.63 0.00
NEWTON__FALLS_HYD 23847	64.88 0.96 0.00	53.50 1.00 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.24 0.00	60.21 1.12 0.00	68.37 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.80 1.08 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.49 0.00	72.99 1.57 0.00	81.78 2.23 0.00
NGRID_A1_DSASP 323792	56.63 -7.29 0.00	46.99 -5.51 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.32 -3.75 0.00	49.55 -3.90 0.00	50.38 -5.78 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.52 0.00	52.33 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.96 -5.76 0.00	66.07 -6.38 0.00	84.61 -9.40 0.00	86.47 -9.93 0.00	80.62 -10.17 0.00	76.06 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.52 -8.03 0.00
NGRID_A2_DSASP 323793	56.63 -7.29 0.00	46.99 -5.51 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.32 -3.75 0.00	49.55 -3.90 0.00	50.38 -5.78 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.52 0.00	52.33 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.96 -5.76 0.00	66.07 -6.38 0.00	84.61 -9.40 0.00	86.47 -9.93 0.00	80.62 -10.17 0.00	76.06 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.52 -8.03 0.00
NGRID_A4_DSASP 323807	56.63 -7.29 0.00	46.99 -5.51 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.32 -3.75 0.00	49.55 -3.90 0.00	50.38 -5.78 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.52 0.00	52.33 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.96 -5.76 0.00	66.07 -6.38 0.00	84.61 -9.40 0.00	86.47 -9.93 0.00	80.62 -10.17 0.00	76.06 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.52 -8.03 0.00
NIAGARA_115E_LBMP 323715	56.25 -7.67 0.00	46.62 -5.88 0.00	42.06 -4.42 0.00	41.17 -3.68 0.00	42.16 -3.67 0.00	43.88 -4.18 0.00	49.33 -4.11 0.00	50.21 -5.96 0.00	52.17 -6.91 0.00	60.05 -7.04 0.00	62.53 -7.97 0.00	55.94 -6.70 0.00	52.15 -6.05 0.00	55.67 -5.64 0.00	52.15 -5.22 0.00	61.76 -5.96 0.00	65.93 -6.52 0.00	84.52 -9.49 0.00	86.28 -10.12 0.00	80.43 -10.35 0.00	75.89 -10.94 0.00	67.23 -10.95 0.00	62.78 -8.64 0.00	71.27 -8.27 0.00
NIAGARA_115W_LBMP 323714	56.57 -7.35 0.00	46.88 -5.62 0.00	42.44 -4.04 0.00	41.57 -3.27 0.00	42.52 -3.30 0.00	44.27 -3.80 0.00	49.44 -4.01 0.00	50.32 -5.84 0.00	52.29 -6.79 0.00	60.11 -6.98 0.00	62.61 -7.89 0.00	56.00 -6.64 0.00	52.21 -5.99 0.00	55.79 -5.52 0.00	52.27 -5.11 0.00	61.83 -5.89 0.00	65.93 -6.52 0.00	84.52 -9.49 0.00	86.28 -10.12 0.00	80.52 -10.26 0.00	75.89 -10.94 0.00	67.23 -10.95 0.00	62.78 -8.64 0.00	71.36 -8.19 0.00
NIAGARA_230_LBMP 323716	57.01 -6.90 0.00	47.25 -5.25 0.00	42.62 -3.86 0.00	41.70 -3.14 0.00	42.66 -3.16 0.00	44.46 -3.61 0.00	49.92 -3.53 0.00	50.88 -5.28 0.00	52.88 -6.20 0.00	60.78 -6.31 0.00	63.31 -7.19 0.00	56.63 -6.01 0.00	52.79 -5.41 0.00	56.40 -4.91 0.00	52.78 -4.59 0.00	62.44 -5.28 0.00	66.65 -5.80 0.00	85.46 -8.55 0.00	87.33 -9.07 0.00	81.43 -9.35 0.00	76.85 -9.98 0.00	68.09 -10.08 0.00	63.57 -7.86 0.00	72.15 -7.40 0.00
NIAGARA__115KV_198_GIBSON 55903	56.57 -7.35 0.00	46.57 -5.93 0.00	42.44 -4.04 0.00	41.57 -3.27 0.00	42.52 -3.30 0.00	44.65 -3.41 0.00	49.44 -4.01 0.00	50.16 -6.01 0.00	52.29 -6.79 0.00	60.11 -6.98 0.00	62.60 -7.90 0.00	56.00 -6.64 0.00	52.21 -5.99 0.00	55.79 -5.52 0.00	52.27 -5.11 0.00	61.83 -5.89 0.00	65.93 -6.52 0.00	84.52 -9.50 0.00	86.08 -10.31 0.00	80.43 -10.35 0.00	75.89 -10.94 0.00	67.23 -10.94 0.00	62.78 -8.64 0.00	71.67 -7.88 0.00
NIAGARA____ 23760	57.01 -6.90 0.00	47.25 -5.25 0.00	42.62 -3.86 0.00	41.70 -3.14 0.00	42.66 -3.16 0.00	44.46 -3.61 0.00	49.92 -3.53 0.00	50.88 -5.28 0.00	52.88 -6.20 0.00	60.78 -6.31 0.00	63.31 -7.19 0.00	56.63 -6.01 0.00	52.79 -5.41 0.00	56.40 -4.91 0.00	52.78 -4.59 0.00	62.44 -5.28 0.00	66.65 -5.80 0.00	85.46 -8.55 0.00	87.33 -9.07 0.00	81.43 -9.35 0.00	76.85 -9.98 0.00	68.09 -10.08 0.00	63.57 -7.86 0.00	72.15 -7.40 0.00
NINE_MILE_1 23575	61.11 -2.81 0.00	50.19 -2.31 0.00	44.53 -1.95 0.00	43.00 -1.84 0.00	43.94 -1.88 0.00	46.09 -1.97 0.00	51.31 -2.14 0.00	53.86 -2.31 0.00	56.55 -2.54 0.00	64.34 -2.75 0.00	67.61 -2.89 0.00	60.07 -2.57 0.00	55.87 -2.33 0.00	58.85 -2.45 0.00	55.08 -2.30 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.63 -3.38 0.00	93.02 -3.38 0.00	87.43 -3.36 0.00	83.45 -3.39 0.00	74.97 -3.21 0.00	68.56 -2.86 0.00	76.36 -3.18 0.00
NINE_MILE_2 23744	61.11 -2.81 0.00	50.19 -2.31 0.00	44.53 -1.95 0.00	43.00 -1.84 0.00	43.94 -1.88 0.00	46.09 -1.97 0.00	51.31 -2.14 0.00	53.86 -2.31 0.00	56.55 -2.54 0.00	64.34 -2.75 0.00	67.61 -2.89 0.00	60.07 -2.57 0.00	55.87 -2.33 0.00	58.85 -2.45 0.00	55.08 -2.30 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.63 -3.38 0.00	93.02 -3.38 0.00	87.43 -3.36 0.00	83.45 -3.39 0.00	74.97 -3.21 0.00	68.56 -2.86 0.00	76.36 -3.18 0.00
NM_CAPITAL__DRP 24208	66.16 2.24 0.00	54.34 1.84 0.00	47.97 1.49 0.00	46.23 1.39 0.00	47.24 1.42 0.00	49.51 1.44 0.00	54.89 1.44 0.00	57.68 1.52 0.00	60.80 1.71 0.00	68.84 1.74 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.89 1.69 0.00	63.15 1.84 0.00	59.04 1.66 0.00	69.35 1.63 0.00	74.77 2.32 0.00	97.21 3.20 0.00	110.82 3.18 -11.24	98.03 3.00 -4.25	89.87 3.04 0.00	80.83 2.66 0.00	73.92 2.50 0.00	82.25 2.70 0.00

NM_CENTRAL___DRP 24181	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.68 -1.15 0.00	46.91 -1.15 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.81 -1.69 0.00	61.20 -1.44 0.00	56.86 -1.34 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.18 -1.65 0.00	76.38 -1.80 0.00	69.92 -1.50 0.00	77.80 -1.75 0.00
NM_FRONTIER___DRP 24179	56.57 -7.35 0.00	46.57 -5.93 0.00	42.44 -4.04 0.00	41.57 -3.27 0.00	42.52 -3.30 0.00	44.65 -3.41 0.00	49.44 -4.01 0.00	50.16 -6.01 0.00	52.29 -6.79 0.00	60.11 -6.98 0.00	62.60 -7.90 0.00	56.00 -6.64 0.00	52.21 -5.99 0.00	55.79 -5.52 0.00	52.27 -5.11 0.00	61.83 -5.89 0.00	65.93 -6.52 0.00	84.52 -9.50 0.00	86.08 -10.31 0.00	80.43 -10.35 0.00	75.89 -10.94 0.00	67.23 -10.94 0.00	62.78 -8.64 0.00	71.67 -7.88 0.00
NM_ST_REGIS___HYD 24053	65.90 1.98 0.00	54.55 2.05 0.00	48.25 1.77 0.00	46.55 1.70 0.00	47.38 1.56 0.00	49.75 1.68 0.00	55.32 1.87 0.00	58.24 2.08 0.00	60.98 1.89 0.00	69.17 2.08 0.00	72.47 1.97 0.00	64.34 1.69 0.00	60.07 1.86 0.00	62.72 1.41 0.00	59.15 1.78 0.00	69.07 1.35 0.00	72.96 0.51 0.00	93.73 -0.28 0.00	95.72 -0.67 0.00	90.69 -0.09 0.00	86.75 -0.09 0.00	79.35 1.17 0.00	72.78 1.36 0.00	81.85 2.31 0.00
NORTHPORT___1 23551	70.06 4.22 -1.92	62.34 3.36 -6.48	64.92 2.74 -15.70	61.19 2.60 -13.75	61.76 2.66 -13.28	61.84 2.79 -10.99	70.72 2.78 -14.49	86.46 3.09 -27.21	86.03 3.43 -23.52	78.24 3.62 -7.53	77.46 4.16 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.11 3.80 0.00	60.88 3.50 0.00	75.93 4.13 -4.08	91.82 4.85 -14.51	113.08 6.96 -12.11	104.82 6.94 -1.48	103.20 6.54 -5.88	97.53 6.26 -4.44	91.45 5.32 -7.96	80.75 4.79 -4.54	83.76 4.21 0.00
NORTHPORT___2 23552	70.06 4.22 -1.92	62.34 3.36 -6.48	64.92 2.74 -15.70	61.19 2.60 -13.75	61.76 2.66 -13.28	61.84 2.79 -10.99	70.72 2.78 -14.49	86.46 3.09 -27.21	86.03 3.43 -23.52	78.24 3.62 -7.53	77.46 4.16 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.11 3.80 0.00	60.88 3.50 0.00	75.93 4.13 -4.08	91.82 4.85 -14.51	113.08 6.96 -12.11	104.82 6.94 -1.48	103.20 6.54 -5.88	97.53 6.26 -4.44	91.45 5.32 -7.96	80.75 4.79 -4.54	83.76 4.21 0.00
NORTHPORT___3 23553	70.25 4.41 -1.92	62.44 3.46 -6.48	65.06 2.88 -15.70	61.24 2.65 -13.75	61.76 2.66 -13.28	61.84 2.79 -10.99	70.82 2.88 -14.49	86.69 3.31 -27.21	86.27 3.66 -23.52	78.58 3.96 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.75 3.55 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.07 4.27 -4.08	92.40 5.44 -14.51	113.71 7.61 -12.08	105.57 7.71 -1.45	104.01 7.35 -5.88	98.38 7.12 -4.42	92.15 6.02 -7.96	81.32 5.36 -4.54	84.48 4.93 0.00
NORTHPORT___4 23650	70.25 4.41 -1.92	62.44 3.46 -6.48	65.06 2.88 -15.70	61.24 2.65 -13.75	61.76 2.66 -13.28	61.84 2.79 -10.99	70.82 2.88 -14.49	86.69 3.31 -27.21	86.27 3.66 -23.52	78.58 3.96 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.75 3.55 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.07 4.27 -4.08	92.40 5.44 -14.51	113.71 7.61 -12.08	105.57 7.71 -1.45	104.01 7.35 -5.88	98.38 7.12 -4.42	92.15 6.02 -7.96	81.32 5.36 -4.54	84.48 4.93 0.00
NORTHPORT___IC 23718	70.06 4.22 -1.92	62.39 3.41 -6.48	64.92 2.74 -15.70	61.19 2.60 -13.75	61.76 2.66 -13.28	61.74 2.69 -10.99	70.72 2.78 -14.49	86.52 3.15 -27.21	86.03 3.43 -23.52	78.25 3.62 -7.53	77.46 4.16 -2.80	74.82 3.88 -8.29	61.64 3.43 0.00	65.11 3.80 0.00	60.88 3.50 0.00	76.00 4.20 -4.08	91.82 4.85 -14.51	112.99 6.86 -12.11	105.01 7.13 -1.48	103.20 6.54 -5.88	97.70 6.43 -4.44	91.45 5.32 -7.96	80.75 4.79 -4.54	83.45 3.90 0.00
NORTH___COUNTRY_ESR 323785	65.52 1.60 0.00	54.02 1.52 0.00	47.87 1.39 0.00	46.15 1.30 0.00	47.10 1.28 0.00	49.46 1.39 0.00	54.84 1.39 0.00	57.62 1.46 0.00	60.62 1.53 0.00	68.77 1.68 0.00	71.98 1.48 0.00	63.83 1.19 0.00	59.25 1.05 0.00	62.10 0.79 0.00	58.29 0.92 0.00	68.60 0.88 0.00	72.52 0.07 0.00	92.98 -1.03 0.00	95.14 -1.26 0.00	90.05 -0.73 0.00	86.32 -0.52 0.00	78.65 0.47 0.00	71.78 0.36 0.00	80.58 1.03 0.00
NPX_GEN_1385_PROXY 323591	70.89 5.05 -1.92	63.54 4.57 -6.48	65.90 3.72 -15.70	62.40 3.81 -13.75	65.13 3.94 -15.37	68.70 4.13 -16.50	72.00 4.06 -14.49	86.97 3.60 -27.21	86.44 3.84 -23.52	78.58 3.96 -7.53	79.29 5.99 -2.80	76.20 5.26 -8.29	75.00 5.12 -11.67	75.58 5.58 -8.69	83.20 5.10 -20.72	95.72 6.10 -21.90	112.20 6.96 -32.79	136.10 9.59 -32.49	127.40 9.64 -21.36	116.75 9.17 -16.80	116.08 8.68 -20.56	102.86 7.51 -17.18	95.29 6.79 -17.08	97.06 6.44 -11.07
NPX_GEN_CSC 323557	70.76 4.92 -1.92	62.76 3.78 -6.48	65.38 3.20 -15.70	61.55 2.96 -13.75	62.08 2.98 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.13 -23.52	79.05 4.43 -7.53	78.03 4.72 -2.80	75.13 4.20 -8.29	61.87 3.67 0.00	65.35 4.05 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.39 8.28 -12.10	105.77 7.91 -1.47	103.83 7.17 -5.88	97.96 6.69 -4.43	91.77 5.63 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
NSINS_S___GLNS_FALLS 23858	68.78 4.86 0.00	56.44 3.94 0.00	49.83 3.35 0.00	47.98 3.14 0.00	49.12 3.30 0.00	51.62 3.56 0.00	57.40 3.96 0.00	60.43 4.27 0.00	63.81 4.73 0.00	72.39 5.30 0.00	75.93 5.43 0.00	67.15 4.51 0.00	62.16 3.96 0.00	65.54 4.23 0.00	61.16 3.79 0.00	72.46 4.74 0.00	78.61 6.16 0.00	102.95 8.93 0.00	125.19 9.54 -19.25	106.95 8.90 -7.27	95.08 8.25 0.00	85.29 7.11 0.00	77.92 6.50 0.00	86.39 6.84 0.00
NUCOR_STEEL___DRP 24197	62.64 -1.28 0.00	51.34 -1.15 0.00	45.74 -0.74 0.00	44.22 -0.63 0.00	45.23 -0.60 0.00	47.49 -0.58 0.00	52.91 -0.53 0.00	55.44 -0.73 0.00	58.26 -0.83 0.00	66.35 -0.74 0.00	69.65 -0.85 0.00	61.89 -0.75 0.00	57.56 -0.64 0.00	60.63 -0.67 0.00	56.69 -0.69 0.00	67.18 -0.54 0.00	72.23 -0.22 0.00	94.01 0.00 0.00	96.49 0.10 0.00	90.60 -0.18 0.00	86.40 -0.43 0.00	77.32 -0.86 0.00	70.85 -0.57 0.00	78.83 -0.72 0.00
NUMBER_THREE_WT_PWR 323818	64.69 0.77 0.00	52.97 0.47 0.00	46.85 0.37 0.00	45.29 0.45 0.00	46.38 0.55 0.00	48.79 0.72 0.00	54.41 0.96 0.00	57.35 1.18 0.00	60.27 1.18 0.00	68.57 1.47 0.00	72.05 1.55 0.00	64.34 1.69 0.00	59.83 1.63 0.00	62.90 1.59 0.00	58.93 1.55 0.00	69.75 2.03 0.00	74.84 2.39 0.00	97.59 3.57 0.00	99.86 3.47 0.00	94.23 3.45 0.00	89.70 2.86 0.00	81.07 2.89 0.00	74.14 2.71 0.00	82.65 3.10 0.00
NYISO_LBMP_REFERENCE 24008	63.92 0.00 0.00	52.50 0.00 0.00	46.48 0.00 0.00	44.84 0.00 0.00	45.82 0.00 0.00	48.07 0.00 0.00	53.45 0.00 0.00	56.17 0.00 0.00	59.08 0.00 0.00	67.09 0.00 0.00	70.50 0.00 0.00	62.64 0.00 0.00	58.20 0.00 0.00	61.31 0.00 0.00	57.38 0.00 0.00	67.72 0.00 0.00	72.45 0.00 0.00	94.01 0.00 0.00	96.40 0.00 0.00	90.78 0.00 0.00	86.83 0.00 0.00	78.18 0.00 0.00	71.42 0.00 0.00	79.55 0.00 0.00

NYPA_BRENTWD____GT 24164	70.70 4.86 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.25 3.32 -14.49	87.14 3.76 -27.21	86.68 4.07 -23.52	79.05 4.43 -7.53	78.16 4.86 -2.80	75.39 4.45 -8.29	62.10 3.90 0.00	65.60 4.29 0.00	61.33 3.96 0.00	76.61 4.81 -4.08	92.83 5.87 -14.51	114.49 8.36 -12.11	106.26 8.38 -1.48	104.56 7.89 -5.88	98.75 7.47 -4.45	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
NYPA_GOWANUS____GT5 24156	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NYPA_GOWANUS____GT6 24157	66.48 2.56 0.00	54.49 1.99 0.00	51.54 2.00 -3.06	51.52 1.80 -4.88	51.53 1.74 -3.96	51.51 1.78 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.58 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.63 0.00	59.78 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.98 5.55 -13.42	122.57 5.78 -20.39	110.77 5.54 -14.44	110.82 5.47 -18.51	98.23 4.45 -15.59	82.29 3.85 -7.01	82.49 2.94 0.00
NYPA_HARLEM__RVR__GT1 24160	66.08 2.17 0.01	54.17 1.68 0.01	48.00 1.53 0.01	46.23 1.39 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.40 0.96 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.96 2.47 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.57 2.27 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.78 3.33 0.01	98.80 4.79 0.01	103.20 5.01 -1.79	96.26 4.81 -0.67	91.51 4.69 0.01	82.00 3.83 0.01	74.77 3.36 0.01	81.92 2.38 0.01
NYPA_HARLEM__RVR__GT2 24161	66.08 2.17 0.01	54.17 1.68 0.01	48.00 1.53 0.01	46.23 1.39 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.40 0.96 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.96 2.47 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.57 2.27 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.78 3.33 0.01	98.80 4.79 0.01	103.20 5.01 -1.79	96.26 4.81 -0.67	91.51 4.69 0.01	82.00 3.83 0.01	74.77 3.36 0.01	81.92 2.38 0.01
NYPA_KENT____GT 24152	66.41 2.49 0.00	54.49 1.99 0.00	50.09 1.86 -1.75	49.34 1.70 -2.79	49.74 1.65 -2.27	50.70 1.68 -0.95	54.73 1.28 0.00	57.91 1.74 0.00	61.21 2.12 0.00	69.50 2.41 0.00	73.32 2.82 0.00	65.27 2.63 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.29 2.57 0.00	82.40 3.69 -6.25	107.05 5.36 -7.68	114.43 5.59 -12.44	104.70 5.35 -8.56	102.64 5.21 -10.60	91.40 4.30 -8.93	79.15 3.71 -4.01	82.41 2.86 0.00
NYPA_POUCH1____GT 24155	66.15 2.24 0.00	54.28 1.79 0.00	51.45 1.91 -3.06	51.47 1.75 -4.88	51.48 1.70 -3.96	51.41 1.68 -1.66	54.46 1.01 0.00	57.68 1.52 0.00	60.97 1.89 0.00	69.24 2.15 0.00	73.04 2.53 0.00	65.02 2.38 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	55.17 2.30 14.86	86.85 3.48 -10.92	112.51 5.07 -13.42	122.19 5.40 -20.39	110.31 5.08 -14.44	110.38 5.03 -18.51	97.83 4.06 -15.59	81.93 3.50 -7.01	82.09 2.54 0.00
NYPA_VERNON____GT2 24162	66.41 2.49 0.00	54.49 1.99 0.00	48.69 1.77 -0.44	47.16 1.61 -0.71	47.96 1.56 -0.57	49.89 1.58 -0.24	54.73 1.28 0.00	57.91 1.74 0.00	61.15 2.07 0.00	69.44 2.35 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.29 2.57 0.00	77.66 3.62 -1.58	101.22 5.26 -1.95	106.39 5.49 -4.50	98.63 5.17 -2.68	94.64 5.12 -2.68	84.66 4.22 -2.26	76.15 3.71 -1.02	82.41 2.86 0.00
NYPA_VERNON____GT3 24163	66.41 2.49 0.00	54.49 1.99 0.00	48.69 1.77 -0.44	47.16 1.61 -0.71	47.96 1.56 -0.57	49.89 1.58 -0.24	54.73 1.28 0.00	57.91 1.74 0.00	61.15 2.07 0.00	69.44 2.35 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.29 2.57 0.00	77.66 3.62 -1.58	101.22 5.26 -1.95	106.39 5.49 -4.50	98.63 5.17 -2.68	94.64 5.12 -2.68	84.66 4.22 -2.26	76.15 3.71 -1.02	82.41 2.86 0.00
NYPA__ASTORIA_CC1 323568	66.28 2.37 0.00	54.39 1.89 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.62 1.17 0.00	57.80 1.63 0.00	61.03 1.95 0.00	69.30 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.09 5.07 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.71 0.00
NYPA__ASTORIA_CC2 323569	66.28 2.37 0.00	54.39 1.89 0.00	48.20 1.72 0.00	46.41 1.57 0.00	47.29 1.47 0.00	49.60 1.54 0.00	54.62 1.17 0.00	57.80 1.63 0.00	61.03 1.95 0.00	69.30 2.21 0.00	73.18 2.68 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.09 5.07 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.25 2.71 0.00
NYPA__HOLTSVILL 23794	70.38 4.54 -1.92	62.55 3.57 -6.48	65.16 2.98 -15.70	61.37 2.78 -13.75	61.90 2.80 -13.28	61.98 2.93 -10.99	70.98 3.05 -14.49	86.86 3.48 -27.21	86.39 3.78 -23.52	78.72 4.09 -7.53	77.75 4.44 -2.80	74.95 4.01 -8.29	61.69 3.49 0.00	65.17 3.86 0.00	60.93 3.56 0.00	76.14 4.34 -4.08	92.47 5.50 -14.51	113.91 7.80 -12.10	105.58 7.71 -1.47	103.83 7.17 -5.88	98.05 6.78 -4.43	91.92 5.78 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
NYPA__HELLGATE_GT1 24158	66.08 2.17 0.01	54.17 1.68 0.01	48.00 1.53 0.01	46.23 1.39 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.40 0.96 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.96 2.47 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.57 2.27 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.78 3.33 0.01	98.80 4.79 0.01	103.20 5.01 -1.79	96.26 4.81 -0.67	91.51 4.69 0.01	82.00 3.83 0.01	74.77 3.36 0.01	81.92 2.38 0.01
NYPA__HELLGATE_GT2 24159	66.08 2.17 0.01	54.17 1.68 0.01	48.00 1.53 0.01	46.23 1.39 0.01	47.10 1.28 0.01	49.40 1.34 0.01	54.40 0.96 0.01	57.56 1.40 0.01	60.85 1.77 0.01	69.09 2.01 0.01	72.96 2.47 0.01	64.89 2.25 0.01	60.23 2.04 0.01	63.57 2.27 0.01	59.37 2.01 0.01	69.94 2.23 0.01	75.78 3.33 0.01	98.80 4.79 0.01	103.20 5.01 -1.79	96.26 4.81 -0.67	91.51 4.69 0.01	82.00 3.83 0.01	74.77 3.36 0.01	81.92 2.38 0.01
NYS_BARGE__HYD 23848	57.14 -6.78 0.00	47.30 -5.20 0.00	42.72 -3.76 0.00	41.75 -3.09 0.00	42.75 -3.07 0.00	44.56 -3.51 0.00	50.08 -3.37 0.00	51.06 -5.11 0.00	53.12 -5.97 0.00	61.12 -5.97 0.00	63.59 -6.91 0.00	56.88 -5.76 0.00	53.02 -5.18 0.00	56.59 -4.72 0.00	52.96 -4.42 0.00	62.78 -4.94 0.00	67.09 -5.36 0.00	86.12 -7.90 0.00	88.01 -8.39 0.00	81.98 -8.80 0.00	77.37 -9.46 0.00	68.56 -9.62 0.00	63.93 -7.50 0.00	72.47 -7.08 0.00

OAK ORCHARD___HYD 24046	60.21 -3.71 0.00	49.61 -2.89 0.00	44.48 -2.00 0.00	43.23 -1.61 0.00	44.27 -1.56 0.00	46.24 -1.83 0.00	51.85 -1.60 0.00	53.70 -2.47 0.00	56.07 -3.01 0.00	64.21 -2.88 0.00	67.12 -3.38 0.00	59.89 -2.75 0.00	55.76 -2.44 0.00	59.10 -2.20 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	70.20 -2.25 0.00	90.82 -3.20 0.00	93.02 -3.38 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.56 -4.61 0.00	67.93 -3.50 0.00	76.13 -3.42 0.00
OAKDALE___35_KV_LOAD 356122	62.70 -1.21 0.00	51.45 -1.05 0.00	45.88 -0.60 0.00	44.35 -0.49 0.00	45.32 -0.50 0.00	47.59 -0.48 0.00	53.02 -0.43 0.00	55.44 -0.73 0.00	58.20 -0.89 0.00	66.29 -0.81 0.00	69.58 -0.92 0.00	61.83 -0.81 0.00	57.50 -0.70 0.00	60.70 -0.61 0.00	56.80 -0.57 0.00	67.25 -0.47 0.00	72.31 -0.14 0.00	93.92 -0.09 0.00	97.14 -0.10 -0.83	90.83 -0.27 -0.32	86.23 -0.61 0.00	77.16 -1.02 0.00	70.78 -0.64 0.00	78.91 -0.64 0.00
OCC_CHEM___DRP 24175	56.63 -7.29 0.00	46.62 -5.88 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.70 -3.36 0.00	49.55 -3.90 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.51 0.00	52.32 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.83 -7.72 0.00
OH_GEN_PROXY 24063	57.08 -6.84 0.00	47.30 -5.20 0.00	42.67 -3.81 0.00	41.75 -3.09 0.00	42.71 -3.12 0.00	44.51 -3.56 0.00	49.98 -3.47 0.00	51.00 -5.17 0.00	53.00 -6.08 0.00	60.92 -6.17 0.00	63.52 -6.98 0.00	56.75 -5.89 0.00	52.91 -5.30 0.00	56.46 -4.84 0.00	52.90 -4.48 0.00	62.57 -5.15 0.00	66.80 -5.65 0.00	85.65 -8.37 0.00	87.53 -8.87 0.00	81.71 -9.08 0.00	77.11 -9.72 0.00	68.32 -9.85 0.00	63.71 -7.72 0.00	72.23 -7.32 0.00
OLIN_CORP_DRP 24177	56.38 -7.54 0.00	46.41 -6.09 0.00	42.16 -4.32 0.00	41.26 -3.59 0.00	42.25 -3.57 0.00	44.37 -3.70 0.00	49.49 -3.96 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.68 -7.83 0.00	56.07 -6.58 0.00	52.27 -5.94 0.00	55.85 -5.46 0.00	52.27 -5.11 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.71 -9.31 0.00	86.37 -10.03 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.75 -7.80 0.00
OLIN_CORP_DSASP 323712	56.63 -7.29 0.00	46.99 -5.51 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.32 -3.75 0.00	49.55 -3.90 0.00	50.38 -5.78 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.52 0.00	52.33 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.96 -5.76 0.00	66.07 -6.38 0.00	84.61 -9.40 0.00	86.47 -9.93 0.00	80.62 -10.17 0.00	76.06 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.52 -8.03 0.00
ONEIDA_HERK_LFGE 323681	65.07 1.15 0.00	53.34 0.84 0.00	47.18 0.70 0.00	45.61 0.76 0.00	46.65 0.83 0.00	48.98 0.91 0.00	54.62 1.17 0.00	57.51 1.35 0.00	60.50 1.42 0.00	68.83 1.74 0.00	72.33 1.83 0.00	64.34 1.69 0.00	59.77 1.57 0.00	62.90 1.59 0.00	58.86 1.49 0.00	69.69 1.97 0.00	74.84 2.39 0.00	97.59 3.57 0.00	99.97 3.57 0.00	94.23 3.45 0.00	89.79 2.95 0.00	80.91 2.73 0.00	73.99 2.57 0.00	82.33 2.78 0.00
ONEIDA___115KV_TB4 55905	65.07 1.15 0.00	53.34 0.84 0.00	47.27 0.79 0.00	45.70 0.85 0.00	46.69 0.87 0.00	49.08 1.01 0.00	54.68 1.23 0.00	57.46 1.29 0.00	60.50 1.42 0.00	68.84 1.74 0.00	72.26 1.76 0.00	64.15 1.50 0.00	59.60 1.40 0.00	62.78 1.47 0.00	58.75 1.38 0.00	69.62 1.90 0.00	74.84 2.39 0.00	97.49 3.48 0.00	99.96 3.57 0.00	94.05 3.27 0.00	89.61 2.78 0.00	80.60 2.42 0.00	73.64 2.21 0.00	81.93 2.39 0.00
ONONDAGA_REF_OCCRA 23987	62.32 -1.60 0.00	51.13 -1.36 0.00	45.46 -1.02 0.00	43.90 -0.94 0.00	44.91 -0.92 0.00	47.15 -0.91 0.00	52.49 -0.96 0.00	55.04 -1.12 0.00	57.84 -1.24 0.00	65.88 -1.21 0.00	69.23 -1.27 0.00	61.52 -1.13 0.00	57.15 -1.05 0.00	60.27 -1.04 0.00	56.34 -1.03 0.00	66.64 -1.08 0.00	71.65 -0.80 0.00	93.17 -0.85 0.00	95.72 -0.67 0.00	89.88 -0.91 0.00	85.71 -1.13 0.00	76.85 -1.33 0.00	70.35 -1.07 0.00	78.28 -1.27 0.00
ONONDAGA___COGEN 23986	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
ONTARIO___LFGE 23819	61.94 -1.98 0.00	50.87 -1.63 0.00	45.65 -0.84 0.00	44.22 -0.63 0.00	45.23 -0.60 0.00	47.39 -0.67 0.00	53.02 -0.43 0.00	55.27 -0.90 0.00	57.84 -1.24 0.00	66.09 -1.00 0.00	69.16 -1.34 0.00	61.58 -1.07 0.00	57.33 -0.87 0.00	60.51 -0.80 0.00	56.57 -0.80 0.00	67.18 -0.54 0.00	72.31 -0.14 0.00	94.11 0.09 0.00	96.40 0.00 0.00	90.51 -0.27 0.00	86.05 -0.78 0.00	76.69 -1.49 0.00	70.49 -0.93 0.00	78.60 -0.95 0.00
ORANGEVILLE_WT_PWR 323706	58.55 -5.37 0.00	48.40 -4.09 0.00	43.55 -2.93 0.00	42.42 -2.42 0.00	43.39 -2.43 0.00	45.33 -2.74 0.00	51.04 -2.40 0.00	52.40 -3.76 0.00	54.65 -4.43 0.00	62.73 -4.36 0.00	65.42 -5.08 0.00	58.45 -4.20 0.00	54.48 -3.73 0.00	57.94 -3.37 0.00	54.33 -3.04 0.00	64.47 -3.25 0.00	69.19 -3.26 0.00	89.32 -4.70 0.00	91.29 -5.11 0.00	85.34 -5.44 0.00	80.67 -6.16 0.00	71.61 -6.57 0.00	66.42 -5.00 0.00	74.93 -4.62 0.00
ORANGEVILLE___ESR 323794	58.55 -5.37 0.00	48.40 -4.09 0.00	43.55 -2.93 0.00	42.42 -2.42 0.00	43.39 -2.43 0.00	45.33 -2.74 0.00	51.04 -2.40 0.00	52.40 -3.76 0.00	54.65 -4.43 0.00	62.73 -4.36 0.00	65.42 -5.08 0.00	58.45 -4.20 0.00	54.48 -3.73 0.00	57.94 -3.37 0.00	54.33 -3.04 0.00	64.47 -3.25 0.00	69.19 -3.26 0.00	89.32 -4.70 0.00	91.29 -5.11 0.00	85.34 -5.44 0.00	80.67 -6.16 0.00	71.61 -6.57 0.00	66.42 -5.00 0.00	74.93 -4.62 0.00
OSWEGATCHIE___HYD 24044	64.88 0.96 0.00	53.44 0.95 0.00	47.27 0.79 0.00	45.65 0.81 0.00	46.60 0.78 0.00	48.93 0.87 0.00	54.52 1.07 0.00	57.40 1.23 0.00	60.20 1.12 0.00	68.36 1.27 0.00	71.70 1.20 0.00	63.77 1.13 0.00	59.54 1.34 0.00	62.35 1.04 0.00	58.64 1.26 0.00	68.87 1.15 0.00	73.25 0.80 0.00	94.95 0.94 0.00	97.17 0.77 0.00	91.78 1.00 0.00	87.53 0.69 0.00	79.66 1.48 0.00	72.99 1.57 0.00	81.77 2.22 0.00
OSWEGO___5 23606	61.55 -2.36 0.00	50.56 -1.94 0.00	44.85 -1.63 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.48 -1.59 0.00	51.74 -1.71 0.00	54.26 -1.91 0.00	57.01 -2.07 0.00	64.88 -2.21 0.00	68.10 -2.40 0.00	60.58 -2.07 0.00	56.28 -1.92 0.00	59.34 -1.96 0.00	55.48 -1.89 0.00	65.62 -2.10 0.00	70.35 -2.10 0.00	91.38 -2.63 0.00	93.80 -2.60 0.00	88.15 -2.64 0.00	84.14 -2.69 0.00	75.52 -2.66 0.00	69.14 -2.29 0.00	76.92 -2.62 0.00

OSWEGO___6 23613	61.55 -2.36 0.00	50.56 -1.94 0.00	44.85 -1.63 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.48 -1.59 0.00	51.74 -1.71 0.00	54.26 -1.91 0.00	57.01 -2.07 0.00	64.88 -2.21 0.00	68.10 -2.40 0.00	60.58 -2.07 0.00	56.28 -1.92 0.00	59.34 -1.96 0.00	55.48 -1.89 0.00	65.62 -2.10 0.00	70.35 -2.10 0.00	91.38 -2.63 0.00	93.80 -2.60 0.00	88.15 -2.64 0.00	84.14 -2.69 0.00	75.52 -2.66 0.00	69.14 -2.29 0.00	76.92 -2.62 0.00
OUTOKUMPU-AB___DRP 24206	57.65 -6.26 0.00	47.51 -4.99 0.00	43.18 -3.30 0.00	42.20 -2.65 0.00	43.21 -2.61 0.00	45.37 -2.69 0.00	50.56 -2.89 0.00	51.34 -4.83 0.00	53.59 -5.49 0.00	61.72 -5.37 0.00	64.23 -6.27 0.00	57.44 -5.20 0.00	53.55 -4.66 0.00	57.14 -4.17 0.00	53.53 -3.84 0.00	63.39 -4.33 0.00	67.67 -4.78 0.00	86.96 -7.05 0.00	88.59 -7.81 0.00	82.70 -8.08 0.00	78.06 -8.77 0.00	69.19 -8.99 0.00	64.50 -6.93 0.00	73.50 -6.05 0.00
OXBOW___BTM 323836	57.01 -6.90 0.00	47.25 -5.25 0.00	42.72 -3.76 0.00	41.79 -3.05 0.00	42.80 -3.03 0.00	44.56 -3.51 0.00	49.92 -3.53 0.00	50.83 -5.34 0.00	52.82 -6.26 0.00	60.85 -6.24 0.00	63.31 -7.19 0.00	56.63 -6.01 0.00	52.79 -5.41 0.00	56.40 -4.91 0.00	52.84 -4.53 0.00	62.57 -5.15 0.00	66.80 -5.65 0.00	85.65 -8.37 0.00	87.44 -8.96 0.00	81.52 -9.26 0.00	76.93 -9.90 0.00	68.09 -10.08 0.00	63.57 -7.86 0.00	72.15 -7.40 0.00
OXBOW____ 24026	57.02 -6.90 0.00	46.93 -5.56 0.00	42.72 -3.76 0.00	41.80 -3.05 0.00	42.80 -3.02 0.00	44.94 -3.12 0.00	49.92 -3.53 0.00	50.66 -5.50 0.00	52.82 -6.26 0.00	60.85 -6.24 0.00	63.31 -7.19 0.00	56.63 -6.01 0.00	52.79 -5.41 0.00	56.40 -4.90 0.00	52.84 -4.53 0.00	62.51 -5.21 0.00	66.73 -5.72 0.00	85.65 -8.37 0.00	87.24 -9.16 0.00	81.43 -9.35 0.00	76.85 -9.99 0.00	68.09 -10.08 0.00	63.57 -7.86 0.00	72.47 -7.08 0.00
OXY_CHEM_DSASP 323612	56.63 -7.29 0.00	46.62 -5.88 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.70 -3.36 0.00	49.55 -3.90 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.51 0.00	52.32 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.83 -7.72 0.00
OZONE_PARK_ESR 323760	67.05 3.13 0.00	55.02 2.52 0.00	48.48 2.00 0.00	46.64 1.79 0.00	47.61 1.79 0.00	49.84 1.78 0.00	55.21 1.76 0.00	58.47 2.30 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.74 3.24 0.00	65.59 2.94 0.00	60.88 2.68 0.00	64.25 2.94 0.00	60.01 2.64 0.00	70.90 3.18 0.00	76.73 4.27 0.00	99.94 5.92 0.00	104.46 6.27 -1.80	97.36 5.90 -0.68	92.65 5.82 0.00	83.02 4.85 0.00	75.64 4.21 0.00	83.21 3.66 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	56.63 -7.29 0.00	46.62 -5.88 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.70 -3.36 0.00	49.55 -3.90 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.51 0.00	52.32 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.83 -7.72 0.00
PACKARD__115KV_DUPONT_184 80571	56.63 -7.29 0.00	46.62 -5.88 0.00	42.48 -4.00 0.00	41.62 -3.23 0.00	42.57 -3.25 0.00	44.70 -3.36 0.00	49.55 -3.90 0.00	50.21 -5.95 0.00	52.35 -6.74 0.00	60.25 -6.84 0.00	62.75 -7.76 0.00	56.13 -6.51 0.00	52.32 -5.88 0.00	55.91 -5.40 0.00	52.38 -4.99 0.00	61.90 -5.82 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.83 -7.72 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	66.03 2.11 0.00	54.23 1.73 0.00	47.97 1.49 0.00	46.19 1.35 0.00	47.11 1.28 0.00	49.27 1.20 0.00	54.36 0.91 0.00	57.57 1.40 0.00	60.74 1.65 0.00	68.97 1.88 0.00	72.83 2.33 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.45 2.15 0.00	59.33 1.95 0.00	69.89 2.17 0.00	75.71 3.26 0.00	98.53 4.51 0.00	103.11 4.92 -1.80	96.09 4.63 -0.68	91.44 4.60 0.00	81.93 3.75 0.00	74.71 3.29 0.00	81.85 2.31 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	66.47 2.56 0.00	54.65 2.15 0.00	48.34 1.86 0.00	46.50 1.66 0.00	47.43 1.60 0.00	49.65 1.59 0.00	54.73 1.28 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.44 2.35 0.00	73.32 2.82 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.43 2.71 0.00	76.29 3.84 0.00	99.37 5.36 0.00	103.89 5.69 -1.80	96.82 5.36 -0.68	92.13 5.30 0.00	82.55 4.38 0.00	75.28 3.86 0.00	82.57 3.02 0.00
PATROON__115KV_TB1 80586	66.22 2.30 0.00	54.39 1.89 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.29 1.47 0.00	49.56 1.49 0.00	54.95 1.50 0.00	57.74 1.57 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	59.95 1.75 0.00	63.27 1.96 0.00	59.10 1.72 0.00	69.35 1.63 0.00	74.77 2.32 0.00	97.21 3.20 0.00	112.23 3.28 -12.55	98.61 3.09 -4.74	89.96 3.13 0.00	80.83 2.66 0.00	74.07 2.64 0.00	82.33 2.78 0.00
PATTRSNVILLE__SOLAR 323815	66.35 2.43 0.00	54.44 1.94 0.00	48.11 1.63 0.00	46.37 1.53 0.00	47.38 1.56 0.00	49.75 1.68 0.00	55.32 1.87 0.00	58.19 2.02 0.00	61.27 2.19 0.00	69.30 2.21 0.00	72.69 2.19 0.00	64.34 1.69 0.00	59.60 1.39 0.00	62.84 1.53 0.00	58.81 1.43 0.00	69.69 1.97 0.00	75.56 3.11 0.00	98.81 4.79 0.00	122.21 5.11 -20.71	103.42 4.81 -7.82	91.26 4.43 0.00	81.93 3.75 0.00	74.85 3.43 0.00	82.97 3.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	58.29 -5.62 0.00	48.04 -4.46 0.00	43.55 -2.93 0.00	42.51 -2.33 0.00	43.49 -2.34 0.00	45.66 -2.40 0.00	51.10 -2.35 0.00	52.18 -3.99 0.00	54.53 -4.55 0.00	62.66 -4.43 0.00	65.21 -5.29 0.00	58.32 -4.32 0.00	54.36 -3.84 0.00	58.00 -3.31 0.00	54.33 -3.04 0.00	64.40 -3.32 0.00	68.83 -3.62 0.00	88.47 -5.55 0.00	90.23 -6.17 0.00	84.34 -6.45 0.00	79.63 -7.21 0.00	70.59 -7.58 0.00	65.57 -5.86 0.00	74.54 -5.01 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	67.31 3.39 0.00	55.18 2.68 0.00	48.62 2.14 0.00	46.77 1.93 0.00	47.84 2.02 0.00	50.09 2.02 0.00	55.53 2.08 0.00	58.64 2.47 0.00	61.86 2.78 0.00	69.98 2.88 0.00	73.96 3.45 0.00	65.65 3.01 0.00	60.82 2.62 0.00	64.19 2.88 0.00	59.96 2.58 0.00	70.90 3.18 0.00	76.73 4.27 0.00	100.12 6.11 0.00	104.62 6.36 -1.86	97.66 6.17 -0.70	92.91 6.08 0.00	83.41 5.24 0.00	76.07 4.64 0.00	83.68 4.14 0.00
PEEKSKILL____ 23653	66.48 2.56 0.00	54.44 1.94 0.00	47.97 1.49 0.00	46.15 1.30 0.00	47.10 1.28 0.00	49.41 1.34 0.00	54.68 1.23 0.00	57.74 1.57 0.00	60.92 1.83 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.06 0.00	60.06 1.86 0.00	63.33 2.02 0.00	59.21 1.84 0.00	69.82 2.10 0.00	75.49 3.04 0.00	98.53 4.51 0.00	102.81 4.63 -1.78	95.90 4.45 -0.67	91.26 4.43 0.00	81.85 3.68 0.00	74.64 3.22 0.00	82.25 2.71 0.00

PGE MADISON___WINDPWR 24146	68.07 4.15 0.00	55.54 3.04 0.00	49.22 2.74 0.00	47.72 2.87 0.00	48.67 2.84 0.00	51.05 2.98 0.00	57.13 3.69 0.00	60.10 3.93 0.00	63.40 4.31 0.00	72.46 5.37 0.00	76.07 5.57 0.00	67.21 4.57 0.00	62.16 3.96 0.00	65.48 4.17 0.00	61.16 3.79 0.00	73.34 5.62 0.00	79.63 7.17 0.00	104.82 10.81 0.00	108.69 11.08 -1.21	101.86 10.62 -0.46	96.21 9.38 0.00	86.31 8.13 0.00	78.92 7.50 0.00	87.82 8.27 0.00
PIERCEFIELD___HYD 23852	65.52 1.60 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.32 1.48 0.00	47.11 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	72.05 1.55 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.92 1.55 0.00	68.67 0.95 0.00	72.45 0.00 0.00	93.17 -0.85 0.00	95.24 -1.16 0.00	90.24 -0.54 0.00	86.23 -0.61 0.00	78.88 0.70 0.00	72.49 1.07 0.00	81.54 1.99 0.00
PINELAWN_CC_1 323563	70.19 4.35 -1.92	62.34 3.36 -6.48	65.02 2.84 -15.70	61.19 2.60 -13.75	61.71 2.61 -13.28	61.79 2.74 -10.99	70.77 2.83 -14.49	86.63 3.26 -27.21	86.21 3.60 -23.52	78.51 3.89 -7.53	77.60 4.30 -2.80	74.82 3.89 -8.29	61.64 3.43 0.00	65.05 3.74 0.00	60.82 3.44 0.00	75.39 3.59 -4.08	91.53 4.57 -14.51	112.47 6.30 -12.16	104.27 6.36 -1.51	102.75 6.08 -5.88	97.22 5.91 -4.48	91.29 5.16 -7.96	80.54 4.58 -4.54	83.52 3.98 0.00
PJM_GEN_HTP_PROXY 323702	66.66 2.75 0.00	54.60 2.10 0.00	48.15 1.67 0.00	46.37 1.53 0.00	47.33 1.51 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.18 2.68 0.00	65.08 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.00 3.55 0.00	99.18 5.17 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.78 4.95 0.00	82.32 4.14 0.00	74.99 3.57 0.00	82.65 3.10 0.00
PJM_GEN_KEystone 24065	34.10 -3.96 25.86	33.25 -3.10 16.15	42.26 -0.88 3.34	44.07 -0.76 0.01	45.03 -0.78 0.01	47.10 -0.96 0.00	52.47 -0.96 0.02	54.76 -1.29 0.12	57.20 -1.54 0.34	64.45 -1.67 0.96	61.74 -1.83 6.93	60.47 -1.44 0.73	56.56 -1.28 0.36	59.62 -1.10 0.59	56.05 -1.03 0.30	65.53 -1.15 1.04	69.37 -0.80 2.29	89.07 -1.03 3.91	73.32 -1.15 21.93	86.01 -1.36 3.41	81.57 -1.56 3.70	73.15 -2.03 3.00	67.95 -1.50 1.97	75.79 -1.67 2.09
PJM_GEN_NEPTUNE_PROXY 323594	68.47 3.51 -1.04	58.72 2.73 -3.49	57.18 2.23 -8.47	54.32 2.06 -7.41	55.05 2.06 -7.16	56.10 2.11 -5.93	63.35 2.08 -7.82	73.37 2.53 -14.67	74.60 2.84 -12.68	74.18 3.02 -4.06	75.47 3.45 -1.51	70.25 3.13 -4.47	60.94 2.74 0.00	64.31 3.00 0.00	60.13 2.75 0.00	73.24 3.32 -2.20	84.55 4.27 -7.83	106.34 6.11 -6.22	103.96 6.17 -1.38	100.26 5.99 -3.48	94.84 5.82 -2.19	87.40 4.93 -4.29	78.23 4.36 -2.45	83.37 3.82 0.00
PJM_GEN_VFT_PROXY 323633	53.51 2.24 12.64	44.50 1.68 9.68	42.66 1.35 5.17	42.66 1.16 3.35	42.66 1.15 4.31	42.66 1.20 6.61	43.50 1.01 10.96	43.50 1.40 14.07	43.50 1.71 17.30	43.50 1.81 25.40	54.15 2.19 18.54	54.16 2.00 10.49	54.89 1.81 5.11	54.89 1.96 8.38	54.89 1.78 4.26	54.96 2.10 14.86	42.82 3.04 32.68	42.68 4.51 55.85	42.41 4.72 58.71	40.96 4.45 54.27	38.41 4.43 52.85	38.96 3.60 42.81	46.44 3.14 28.12	52.19 2.47 29.82
PLATSBURG_115KV_PMLD1 355749	66.47 2.56 0.00	54.86 2.36 0.00	48.57 2.09 0.00	46.82 1.97 0.00	47.79 1.97 0.00	50.23 2.16 0.00	55.37 1.92 0.00	58.19 2.02 0.00	61.21 2.13 0.00	69.44 2.35 0.00	72.76 2.26 0.00	64.46 1.82 0.00	59.77 1.57 0.00	62.66 1.35 0.00	58.81 1.43 0.00	69.28 1.56 0.00	73.32 0.87 0.00	94.01 0.00 0.00	96.01 -0.39 0.00	90.97 0.18 0.00	87.09 0.26 0.00	79.43 1.25 0.00	72.57 1.14 0.00	81.38 1.83 0.00
PLEASANTVLY___LBMP 24000	66.47 2.56 0.00	54.55 2.05 0.00	48.06 1.58 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.46 1.39 0.00	54.79 1.34 0.00	57.85 1.68 0.00	60.98 1.89 0.00	69.10 2.01 0.00	72.90 2.40 0.00	64.77 2.13 0.00	60.12 1.92 0.00	63.39 2.08 0.00	59.27 1.89 0.00	69.95 2.23 0.00	75.57 3.12 0.00	98.43 4.42 0.00	102.92 4.63 -1.90	95.95 4.45 -0.72	91.18 4.34 0.00	81.77 3.60 0.00	74.64 3.21 0.00	82.33 2.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	66.67 2.75 0.00	54.70 2.20 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.95 1.50 0.00	58.08 1.91 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.02 2.38 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.23 2.51 0.00	75.93 3.48 0.00	99.00 4.98 0.00	103.41 5.21 -1.81	96.46 4.99 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.57 3.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	66.67 2.75 0.00	54.70 2.20 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.95 1.50 0.00	58.08 1.91 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.02 2.38 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.23 2.51 0.00	75.93 3.48 0.00	99.00 4.98 0.00	103.41 5.21 -1.81	96.46 4.99 -0.68	91.78 4.95 0.00	82.24 4.07 0.00	74.99 3.57 0.00	82.57 3.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	66.92 3.00 0.00	54.91 2.41 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.56 1.74 0.00	49.80 1.73 0.00	55.27 1.82 0.00	58.30 2.13 0.00	61.45 2.36 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.47 5.45 0.00	104.11 5.69 -2.03	96.91 5.36 -0.77	92.04 5.21 0.00	82.55 4.38 0.00	75.28 3.86 0.00	83.13 3.58 0.00
POLETTI___ 23519	66.47 2.56 0.00	54.55 2.05 0.00	48.11 1.63 0.00	46.28 1.44 0.00	47.24 1.42 0.00	49.41 1.35 0.00	54.73 1.28 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.24 2.15 0.00	73.04 2.54 0.00	64.96 2.32 0.00	60.30 2.10 0.00	63.58 2.27 0.00	59.44 2.07 0.00	70.16 2.44 0.00	75.93 3.48 0.00	98.90 4.89 0.00	103.40 5.21 -1.80	96.37 4.90 -0.68	91.70 4.86 0.00	82.16 3.99 0.00	74.92 3.50 0.00	82.41 2.86 0.00
POMONA___ESR 323819	66.22 2.30 0.00	54.28 1.79 0.00	47.74 1.26 0.00	45.92 1.07 0.00	46.88 1.05 0.00	49.17 1.11 0.00	54.36 0.91 0.00	57.46 1.29 0.00	60.62 1.53 0.00	68.57 1.47 0.00	72.33 1.83 0.00	64.34 1.69 0.00	59.71 1.51 0.00	62.96 1.66 0.00	58.86 1.49 0.00	69.41 1.69 0.00	75.06 2.60 0.00	97.96 3.95 0.00	102.18 4.05 -1.73	95.34 3.90 -0.65	90.75 3.91 0.00	81.38 3.21 0.00	74.14 2.71 0.00	81.77 2.22 0.00
PORT_JEFF_3 23555	70.70 4.86 -1.92	62.76 3.78 -6.48	65.34 3.16 -15.70	61.50 2.91 -13.75	62.04 2.94 -13.28	62.17 3.12 -10.99	71.20 3.26 -14.49	87.14 3.76 -27.21	86.68 4.07 -23.52	78.98 4.36 -7.53	78.10 4.80 -2.80	75.20 4.26 -8.29	61.98 3.78 0.00	65.48 4.17 0.00	61.16 3.79 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.29 8.18 -12.10	106.05 8.19 -1.47	104.20 7.53 -5.88	98.39 7.12 -4.44	92.31 6.17 -7.96	81.61 5.64 -4.54	84.72 5.17 0.00

PORT_JEFF_4 23616	70.70 4.86 -1.92	62.76 3.78 -6.48	65.34 3.16 -15.70	61.50 2.91 -13.75	62.04 2.94 -13.28	62.17 3.12 -10.99	71.20 3.26 -14.49	87.14 3.76 -27.21	86.68 4.07 -23.52	78.98 4.36 -7.53	78.10 4.80 -2.80	75.20 4.26 -8.29	61.98 3.78 0.00	65.48 4.17 0.00	61.16 3.79 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.29 8.18 -12.10	106.05 8.19 -1.47	104.20 7.53 -5.88	98.39 7.12 -4.44	92.31 6.17 -7.96	81.61 5.64 -4.54	84.72 5.17 0.00
PORT_JEFF_IC 23713	70.76 4.92 -1.92	62.86 3.88 -6.48	65.39 3.21 -15.70	61.59 3.00 -13.75	62.13 3.02 -13.28	62.18 3.12 -10.99	71.31 3.37 -14.49	87.25 3.88 -27.21	86.74 4.14 -23.52	79.12 4.50 -7.53	78.17 4.86 -2.80	75.32 4.39 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.28 3.90 0.00	76.68 4.88 -4.08	92.98 6.01 -14.51	114.29 8.18 -12.10	106.35 8.48 -1.47	104.20 7.54 -5.88	98.91 7.64 -4.44	92.47 6.33 -7.96	81.68 5.71 -4.54	84.48 4.93 0.00
PPL PILGRIM_ST_GT1 24216	70.70 4.86 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.25 3.32 -14.49	87.14 3.76 -27.21	86.68 4.07 -23.52	79.05 4.43 -7.53	78.16 4.86 -2.80	75.39 4.45 -8.29	62.10 3.90 0.00	65.60 4.29 0.00	61.33 3.96 0.00	76.61 4.81 -4.08	92.83 5.87 -14.51	114.49 8.36 -12.11	106.26 8.38 -1.48	104.56 7.89 -5.88	98.75 7.47 -4.45	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
PPL PILGRIM_ST_GT2 24217	70.70 4.86 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.25 3.32 -14.49	87.14 3.76 -27.21	86.68 4.07 -23.52	79.05 4.43 -7.53	78.16 4.86 -2.80	75.39 4.45 -8.29	62.10 3.90 0.00	65.60 4.29 0.00	61.33 3.96 0.00	76.61 4.81 -4.08	92.83 5.87 -14.51	114.49 8.36 -12.11	106.26 8.38 -1.48	104.56 7.89 -5.88	98.75 7.47 -4.45	92.46 6.33 -7.96	81.68 5.72 -4.54	84.80 5.25 0.00
PPL_SHRM_GT3 24213	70.83 4.99 -1.92	62.81 3.83 -6.48	65.43 3.25 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.36 3.42 -14.49	87.24 3.87 -27.21	86.80 4.20 -23.52	79.12 4.50 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.93 3.73 0.00	65.42 4.11 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.91 5.94 -14.51	114.48 8.36 -12.10	105.96 8.10 -1.47	104.01 7.35 -5.88	98.05 6.78 -4.44	91.84 5.70 -7.96	81.32 5.36 -4.54	84.40 4.85 0.00
PPL_SHRM_GT4 24214	70.83 4.99 -1.92	62.81 3.83 -6.48	65.43 3.25 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.36 3.42 -14.49	87.24 3.87 -27.21	86.80 4.20 -23.52	79.12 4.50 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.93 3.73 0.00	65.42 4.11 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.91 5.94 -14.51	114.48 8.36 -12.10	105.96 8.10 -1.47	104.01 7.35 -5.88	98.05 6.78 -4.44	91.84 5.70 -7.96	81.32 5.36 -4.54	84.40 4.85 0.00
PROJECT___ORANGE 1 24174	62.06 -1.85 0.00	50.92 -1.57 0.00	45.23 -1.25 0.00	43.72 -1.12 0.00	44.68 -1.15 0.00	46.91 -1.15 0.00	52.27 -1.18 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.20 -1.44 0.00	56.92 -1.28 0.00	60.02 -1.29 0.00	56.11 -1.26 0.00	66.37 -1.35 0.00	71.22 -1.23 0.00	92.70 -1.32 0.00	95.15 -1.25 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	69.92 -1.50 0.00	77.88 -1.67 0.00
PROJECT___ORANGE 2 24166	62.06 -1.85 0.00	50.92 -1.57 0.00	45.23 -1.25 0.00	43.72 -1.12 0.00	44.68 -1.15 0.00	46.91 -1.15 0.00	52.27 -1.18 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.20 -1.44 0.00	56.92 -1.28 0.00	60.02 -1.29 0.00	56.11 -1.26 0.00	66.37 -1.35 0.00	71.22 -1.23 0.00	92.70 -1.32 0.00	95.15 -1.25 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	69.92 -1.50 0.00	77.88 -1.67 0.00
PUCKETT___SOLAR 323809	64.11 0.19 0.00	52.60 0.11 0.00	46.76 0.28 0.00	45.25 0.40 0.00	46.23 0.41 0.00	48.45 0.38 0.00	54.14 0.69 0.00	56.73 0.56 0.00	59.50 0.42 0.00	67.69 0.60 0.00	70.93 0.43 0.00	62.96 0.31 0.00	58.44 0.23 0.00	61.62 0.31 0.00	57.66 0.29 0.00	68.60 0.88 0.00	74.04 1.59 0.00	96.74 2.73 0.00	100.22 2.80 -1.02	93.62 2.45 -0.39	88.74 1.91 0.00	79.50 1.33 0.00	72.85 1.43 0.00	81.06 1.51 0.00
PYRITES___HYD 24023	66.60 2.68 0.00	55.12 2.62 0.00	48.76 2.28 0.00	47.04 2.20 0.00	47.89 2.06 0.00	50.23 2.16 0.00	55.96 2.51 0.00	58.86 2.70 0.00	61.57 2.48 0.00	69.77 2.68 0.00	73.11 2.61 0.00	64.84 2.19 0.00	60.65 2.44 0.00	63.27 1.96 0.00	59.73 2.35 0.00	69.89 2.17 0.00	73.90 1.45 0.00	95.24 1.22 0.00	97.27 0.87 0.00	92.15 1.36 0.00	88.05 1.22 0.00	80.52 2.35 0.00	73.85 2.43 0.00	83.05 3.50 0.00
QUAKERRD_115KV_BK1 80622	59.51 -4.41 0.00	48.82 -3.67 0.00	43.83 -2.65 0.00	42.56 -2.29 0.00	43.53 -2.29 0.00	45.71 -2.36 0.00	50.99 -2.46 0.00	52.85 -3.31 0.00	55.36 -3.72 0.00	63.33 -3.76 0.00	66.27 -4.23 0.00	59.07 -3.57 0.00	55.00 -3.20 0.00	58.24 -3.07 0.00	54.39 -2.98 0.00	64.40 -3.32 0.00	69.12 -3.33 0.00	89.60 -4.42 0.00	91.67 -4.72 0.00	85.88 -4.90 0.00	81.62 -5.21 0.00	72.78 -5.39 0.00	67.14 -4.29 0.00	75.17 -4.38 0.00
QUENSBRY_115KV_TB8 356137	68.84 4.92 0.00	56.54 4.04 0.00	49.92 3.44 0.00	48.07 3.23 0.00	49.21 3.39 0.00	51.77 3.70 0.00	57.56 4.12 0.00	60.55 4.38 0.00	63.93 4.84 0.00	72.59 5.50 0.00	76.14 5.64 0.00	67.28 4.64 0.00	62.33 4.13 0.00	65.66 4.35 0.00	61.28 3.90 0.00	72.60 4.88 0.00	78.83 6.38 0.00	103.32 9.31 -19.41	125.74 9.93 -7.33	107.29 9.17 0.00	95.34 8.51 0.00	85.53 7.35 0.00	78.14 6.71 0.00	86.63 7.08 0.00
RAMAPO___LBMP 323565	66.16 2.24 0.00	54.28 1.78 0.00	47.64 1.16 0.00	45.88 1.03 0.00	46.83 1.01 0.00	48.98 0.91 0.00	54.30 0.86 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.50 1.41 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.99 2.54 0.00	97.68 3.67 0.00	102.07 3.95 -1.72	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	74.07 2.64 0.00	81.62 2.07 0.00
RANKINE____ 23646	58.23 -5.69 0.00	47.98 -4.51 0.00	43.51 -2.97 0.00	42.51 -2.33 0.00	43.49 -2.34 0.00	45.66 -2.40 0.00	51.04 -2.41 0.00	52.01 -4.16 0.00	54.30 -4.79 0.00	62.46 -4.63 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.22 -3.16 0.00	64.27 -3.45 0.00	68.61 -3.84 0.00	88.19 -5.83 0.00	89.94 -6.46 0.00	83.97 -6.81 0.00	79.37 -7.47 0.00	70.28 -7.90 0.00	65.42 -6.00 0.00	74.46 -5.09 0.00
RAVENSWOOD_GT2_1 24244	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00

RAVENSWOOD_GT2_2 24245	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD_GT2_3 24246	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.57 3.02 0.00
RAVENSWOOD_GT2_4 24247	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.36 2.64 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.57 3.02 0.00
RAVENSWOOD_GT3_1 24248	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD_GT3_2 24249	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD_GT3_3 24250	66.67 2.75 0.00	54.70 2.20 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.18 5.17 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	82.57 3.02 0.00
RAVENSWOOD_GT3_4 24251	66.67 2.75 0.00	54.70 2.20 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.43 2.71 0.00	76.15 3.69 0.00	99.18 5.17 0.00	103.69 5.49 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	82.57 3.02 0.00
RAVENSWOOD_GT_1 23729	66.41 2.49 0.00	54.60 2.10 0.00	48.69 1.77 -0.44	47.17 1.61 -0.71	47.96 1.56 -0.57	49.85 1.54 -0.24	54.73 1.28 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.44 2.35 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.29 2.57 0.00	77.73 3.69 -1.58	101.13 5.17 -1.95	106.39 5.49 -4.50	98.63 5.17 -2.68	94.64 5.12 -2.68	84.66 4.22 -2.26	76.15 3.71 -1.02	82.41 2.86 0.00
RAVENSWOOD_GT_10 24258	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD_GT_11 24259	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD_GT_4 24252	66.67 2.75 0.00	54.70 2.20 0.00	48.54 1.72 -0.34	46.91 1.52 -0.54	47.77 1.51 -0.44	49.74 1.49 -0.18	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.36 2.64 0.00	77.28 3.62 -1.21	100.57 5.08 -1.48	105.65 5.40 -3.85	98.07 5.08 -2.20	93.91 5.04 -2.04	84.04 4.14 -1.72	75.84 3.64 -0.77	82.57 3.02 0.00
RAVENSWOOD_GT_5 24254	66.67 2.75 0.00	54.70 2.20 0.00	48.54 1.72 -0.34	46.91 1.52 -0.54	47.77 1.51 -0.44	49.74 1.49 -0.18	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.36 2.64 0.00	77.28 3.62 -1.21	100.57 5.08 -1.48	105.65 5.40 -3.85	98.07 5.08 -2.20	93.91 5.04 -2.04	84.04 4.14 -1.72	75.84 3.64 -0.77	82.57 3.02 0.00
RAVENSWOOD_GT_6 24253	66.67 2.75 0.00	54.70 2.20 0.00	48.54 1.72 -0.34	46.91 1.52 -0.54	47.77 1.51 -0.44	49.74 1.49 -0.18	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.36 2.64 0.00	77.28 3.62 -1.21	100.57 5.08 -1.48	105.65 5.40 -3.85	98.07 5.08 -2.20	93.91 5.04 -2.04	84.04 4.14 -1.72	75.84 3.64 -0.77	82.57 3.02 0.00
RAVENSWOOD_GT_7 24255	66.67 2.75 0.00	54.70 2.20 0.00	48.54 1.72 -0.34	46.91 1.52 -0.54	47.77 1.51 -0.44	49.74 1.49 -0.18	54.89 1.44 0.00	58.08 1.91 0.00	61.27 2.19 0.00	69.44 2.35 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.56 2.18 0.00	70.36 2.64 0.00	77.28 3.62 -1.21	100.57 5.08 -1.48	105.65 5.40 -3.85	98.07 5.08 -2.20	93.91 5.04 -2.04	84.04 4.14 -1.72	75.84 3.64 -0.77	82.57 3.02 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00

RAVENSWOOD_GT_9 24257	66.60 2.68 0.00	54.65 2.15 0.00	48.20 1.72 0.00	46.37 1.52 0.00	47.34 1.51 0.00	49.56 1.49 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.13 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.09 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.09 5.08 0.00	103.60 5.40 -1.80	96.55 5.08 -0.68	91.87 5.04 0.00	82.32 4.14 0.00	75.07 3.64 0.00	82.49 2.94 0.00
RAVENSWOOD___1 23533	66.41 2.49 0.00	54.44 1.94 0.00	48.25 1.77 0.00	46.46 1.61 0.00	47.38 1.56 0.00	49.65 1.58 0.00	54.68 1.23 0.00	57.85 1.68 0.00	61.15 2.07 0.00	69.37 2.28 0.00	73.25 2.75 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.29 2.57 0.00	76.07 3.62 0.00	99.18 5.17 0.00	103.59 5.40 -1.80	96.64 5.17 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.06 3.64 0.00	82.41 2.86 0.00
RAVENSWOOD___2 23534	66.35 2.43 0.00	54.44 1.94 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.33 1.51 0.00	49.65 1.58 0.00	54.68 1.23 0.00	57.85 1.68 0.00	61.09 2.01 0.00	69.37 2.28 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.61 2.24 0.00	70.23 2.51 0.00	76.07 3.62 0.00	99.18 5.17 0.00	103.59 5.40 -1.80	96.64 5.17 -0.68	91.87 5.03 0.00	82.32 4.14 0.00	75.06 3.64 0.00	82.33 2.78 0.00
RAVENSWOOD___3 23535	66.60 2.68 0.00	54.54 2.05 0.00	48.20 1.72 0.00	46.37 1.53 0.00	47.33 1.51 0.00	49.60 1.54 0.00	54.84 1.39 0.00	58.02 1.85 0.00	61.21 2.12 0.00	69.37 2.28 0.00	73.18 2.68 0.00	65.08 2.44 0.00	60.41 2.21 0.00	63.76 2.45 0.00	59.56 2.18 0.00	70.23 2.51 0.00	76.00 3.55 0.00	99.18 5.17 0.00	103.50 5.30 -1.80	96.54 5.08 -0.68	91.87 5.03 0.00	82.32 4.14 0.00	75.06 3.64 0.00	82.57 3.02 0.00
RAVENSWOOD___4 23820	66.35 2.43 0.00	54.39 1.89 0.00	47.76 1.72 0.44	45.72 1.57 0.70	46.77 1.51 0.57	49.41 1.58 0.24	54.68 1.23 0.00	57.85 1.68 0.00	61.09 2.01 0.00	69.37 2.28 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	74.51 3.62 1.56	97.26 5.17 1.92	100.94 5.40 0.86	94.67 5.17 1.29	89.22 5.03 2.64	80.09 4.14 2.23	74.06 3.64 1.00	82.33 2.78 0.00
RCPI_TRUST___DRP 24196	66.79 2.88 0.00	54.81 2.31 0.00	48.25 1.77 0.00	46.41 1.57 0.00	47.38 1.56 0.00	49.60 1.54 0.00	55.00 1.55 0.00	58.19 2.02 0.00	61.39 2.30 0.00	69.51 2.42 0.00	73.32 2.82 0.00	65.21 2.57 0.00	60.53 2.33 0.00	63.82 2.51 0.00	59.67 2.30 0.00	70.50 2.78 0.00	76.15 3.69 0.00	99.28 5.26 0.00	103.69 5.27 -1.80	96.73 5.27 -0.68	91.96 5.12 0.00	82.40 4.22 0.00	75.14 3.71 0.00	82.73 3.18 0.00
RED___ROCHESTER 323720	60.66 -3.26 0.00	49.93 -2.57 0.00	44.81 -1.67 0.00	43.50 -1.34 0.00	44.54 -1.28 0.00	46.58 -1.49 0.00	52.22 -1.23 0.00	54.09 -2.08 0.00	56.55 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.25 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.66 -1.72 0.00	65.96 -1.76 0.00	70.79 -1.66 0.00	91.57 -2.44 0.00	93.80 -2.60 0.00	87.70 -3.09 0.00	83.19 -3.64 0.00	74.27 -3.91 0.00	68.49 -2.93 0.00	76.69 -2.86 0.00
REGAN___SOLAR 323812	68.14 4.22 0.00	55.96 3.46 0.00	49.36 2.88 0.00	47.58 2.74 0.00	48.71 2.89 0.00	51.24 3.17 0.00	57.03 3.58 0.00	59.99 3.82 0.00	63.22 4.13 0.00	71.45 4.36 0.00	74.66 4.16 0.00	65.90 3.26 0.00	60.88 2.68 0.00	64.25 2.94 0.00	60.02 2.64 0.00	71.37 3.65 0.00	78.11 5.65 0.00	102.76 8.74 0.00	125.21 9.45 -19.36	106.90 8.80 -7.31	94.91 8.08 0.00	84.97 6.80 0.00	77.63 6.21 0.00	86.07 6.52 0.00
RENSSELAER___COGEN 23796	66.02 2.11 0.00	54.18 1.68 0.00	47.87 1.39 0.00	46.10 1.25 0.00	47.10 1.28 0.00	49.41 1.34 0.00	54.73 1.28 0.00	57.46 1.29 0.00	60.56 1.48 0.00	68.57 1.47 0.00	72.41 1.90 0.00	64.34 1.69 0.00	59.66 1.46 0.00	62.96 1.66 0.00	58.81 1.43 0.00	69.00 1.28 0.00	74.41 1.96 0.00	96.74 2.73 0.00	109.26 2.60 -10.25	97.20 2.54 -3.87	89.44 2.60 0.00	80.45 2.27 0.00	73.64 2.22 0.00	82.02 2.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	71.65 7.73 0.00	58.80 6.30 0.00	51.83 5.35 0.00	49.91 5.07 0.00	51.18 5.36 0.00	53.93 5.86 0.00	60.02 6.57 0.00	63.19 7.02 0.00	66.82 7.74 0.00	75.88 8.79 0.00	79.45 8.95 0.00	70.10 7.45 0.00	64.78 6.58 0.00	68.30 6.99 0.00	63.69 6.31 0.00	75.64 7.92 0.00	82.45 10.00 0.00	108.59 14.57 0.00	131.16 15.52 -19.24	112.40 14.34 -7.27	100.12 13.29 0.00	89.59 11.41 0.00	81.85 10.43 0.00	90.76 11.22 0.00
REVERE_CPPR_DRP 24186	65.64 1.73 0.00	53.76 1.26 0.00	47.64 1.16 0.00	46.06 1.21 0.00	47.11 1.28 0.00	49.51 1.44 0.00	55.16 1.71 0.00	58.02 1.85 0.00	61.15 2.07 0.00	69.51 2.42 0.00	73.04 2.54 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.39 2.08 0.00	59.33 1.95 0.00	70.36 2.64 0.00	75.64 3.19 0.00	98.71 4.70 0.00	101.12 4.72 0.00	95.23 4.45 0.00	90.74 3.91 0.00	81.62 3.44 0.00	74.64 3.21 0.00	83.05 3.50 0.00
REYNOLDS_115KV_TB3 80639	66.28 2.36 0.00	54.44 1.94 0.00	48.06 1.58 0.00	46.32 1.48 0.00	47.34 1.51 0.00	49.60 1.54 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.92 1.83 0.00	69.04 1.95 0.00	72.83 2.33 0.00	64.71 2.07 0.00	60.01 1.80 0.00	63.27 1.96 0.00	59.15 1.78 0.00	69.55 1.83 0.00	74.99 2.54 0.00	97.49 3.48 0.00	111.04 3.57 -11.07	98.33 3.36 -4.18	90.22 3.39 0.00	81.07 2.89 0.00	74.14 2.71 0.00	82.41 2.86 0.00
RIVERBAY____ 323610	66.47 2.56 0.00	54.65 2.15 0.00	48.34 1.86 0.00	46.50 1.66 0.00	47.43 1.60 0.00	49.65 1.59 0.00	54.73 1.28 0.00	57.96 1.80 0.00	61.15 2.07 0.00	69.44 2.35 0.00	73.32 2.82 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.43 2.71 0.00	76.29 3.84 0.00	99.37 5.36 0.00	103.89 5.69 -1.80	96.82 5.36 -0.68	92.13 5.30 0.00	82.55 4.38 0.00	75.28 3.86 0.00	82.57 3.02 0.00
RIVERSDE_115KV_TB3 55908	66.16 2.24 0.00	54.34 1.84 0.00	47.97 1.49 0.00	46.23 1.39 0.00	47.24 1.42 0.00	49.51 1.44 0.00	54.89 1.44 0.00	57.68 1.52 0.00	60.80 1.71 0.00	68.84 1.74 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.89 1.69 0.00	63.15 1.84 0.00	59.04 1.66 0.00	69.35 1.63 0.00	74.77 2.32 0.00	97.21 3.20 0.00	110.82 3.18 -11.24	98.03 3.00 -4.25	89.87 3.04 0.00	80.83 2.66 0.00	73.92 2.50 0.00	82.25 2.70 0.00
ROARING___BROOK_WT_PWR 323790	63.60 -0.32 0.00	52.29 -0.21 0.00	46.30 -0.19 0.00	44.67 -0.18 0.00	45.69 -0.14 0.00	47.97 -0.10 0.00	53.34 -0.11 0.00	56.11 -0.06 0.00	59.08 0.00 0.00	67.23 0.13 0.00	70.71 0.21 0.00	62.83 0.19 0.00	58.50 0.29 0.00	61.49 0.18 0.00	57.66 0.29 0.00	67.92 0.20 0.00	72.38 -0.07 0.00	93.64 -0.37 0.00	95.92 -0.48 0.00	90.51 -0.27 0.00	86.57 -0.26 0.00	78.26 0.08 0.00	71.50 0.07 0.00	79.79 0.24 0.00

ROCHESRG_115KV_T4 355643	60.02 -3.90 0.00	49.24 -3.25 0.00	44.30 -2.18 0.00	43.05 -1.79 0.00	44.08 -1.74 0.00	46.29 -1.78 0.00	51.63 -1.82 0.00	53.30 -2.86 0.00	55.83 -3.25 0.00	63.87 -3.22 0.00	66.76 -3.74 0.00	59.57 -3.07 0.00	55.47 -2.74 0.00	58.86 -2.45 0.00	54.97 -2.41 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.25 -3.76 0.00	92.35 -4.05 0.00	86.52 -4.27 0.00	82.06 -4.78 0.00	73.17 -5.00 0.00	67.57 -3.86 0.00	75.89 -3.66 0.00
ROCHESTER_9_IC 23652	60.34 -3.58 0.00	49.51 -2.99 0.00	44.57 -1.91 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.53 -1.54 0.00	51.95 -1.50 0.00	53.64 -2.53 0.00	56.19 -2.90 0.00	64.34 -2.75 0.00	67.26 -3.24 0.00	60.01 -2.63 0.00	55.87 -2.33 0.00	59.22 -2.08 0.00	55.31 -2.07 0.00	65.55 -2.17 0.00	70.28 -2.17 0.00	91.01 -3.01 0.00	93.12 -3.28 0.00	87.15 -3.63 0.00	82.67 -4.17 0.00	73.72 -4.46 0.00	68.07 -3.36 0.00	76.45 -3.10 0.00
ROCKVIEW_13_KV_LD 356306	66.86 2.94 0.00	54.86 2.36 0.00	48.29 1.81 0.00	46.50 1.66 0.00	47.47 1.65 0.00	49.70 1.63 0.00	55.05 1.60 0.00	58.24 2.08 0.00	61.45 2.36 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.28 2.63 0.00	60.53 2.33 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.50 2.78 0.00	76.22 3.77 0.00	99.37 5.36 0.00	103.89 5.69 -1.80	96.82 5.36 -0.68	92.13 5.30 0.00	82.55 4.38 0.00	75.28 3.86 0.00	82.81 3.26 0.00
ROME____115KV_TB2 80656	65.64 1.73 0.00	53.76 1.26 0.00	47.64 1.16 0.00	46.06 1.21 0.00	47.11 1.28 0.00	49.51 1.44 0.00	55.16 1.71 0.00	58.02 1.85 0.00	61.15 2.07 0.00	69.51 2.42 0.00	73.04 2.54 0.00	64.84 2.19 0.00	60.18 1.98 0.00	63.39 2.08 0.00	59.33 1.95 0.00	70.36 2.64 0.00	75.64 3.19 0.00	98.71 4.70 0.00	101.12 4.72 0.00	95.23 4.45 0.00	90.74 3.91 0.00	81.62 3.44 0.00	74.64 3.21 0.00	83.05 3.50 0.00
ROSETON___1 23587	66.28 2.37 0.00	54.33 1.84 0.00	47.92 1.44 0.00	46.10 1.25 0.00	47.10 1.28 0.00	49.36 1.30 0.00	54.68 1.23 0.00	57.68 1.52 0.00	60.86 1.77 0.00	68.90 1.81 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.95 1.74 0.00	63.21 1.90 0.00	59.09 1.72 0.00	69.69 1.97 0.00	75.35 2.90 0.00	98.15 4.13 0.00	102.49 4.34 -1.75	95.62 4.18 -0.66	90.92 4.08 0.00	81.54 3.36 0.00	74.42 3.00 0.00	82.17 2.62 0.00
ROSETON___2 23588	66.28 2.37 0.00	54.33 1.84 0.00	47.92 1.44 0.00	46.10 1.25 0.00	47.10 1.28 0.00	49.36 1.30 0.00	54.68 1.23 0.00	57.68 1.52 0.00	60.86 1.77 0.00	68.90 1.81 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.95 1.74 0.00	63.21 1.90 0.00	59.09 1.72 0.00	69.69 1.97 0.00	75.35 2.90 0.00	98.15 4.13 0.00	102.49 4.34 -1.75	95.62 4.18 -0.66	90.92 4.08 0.00	81.54 3.36 0.00	74.42 3.00 0.00	82.17 2.62 0.00
ROTRRDAM_115KV_TB3 80664	65.96 2.05 0.00	54.13 1.63 0.00	47.83 1.35 0.00	46.10 1.26 0.00	47.15 1.33 0.00	49.46 1.39 0.00	54.95 1.50 0.00	57.80 1.63 0.00	60.86 1.77 0.00	69.04 1.95 0.00	72.55 2.04 0.00	64.40 1.75 0.00	59.72 1.51 0.00	62.96 1.66 0.00	58.87 1.49 0.00	69.62 1.90 0.00	75.06 2.61 0.00	97.87 3.85 0.00	121.77 4.15 -21.23	102.62 3.81 -8.02	90.48 3.65 0.00	81.23 3.05 0.00	74.21 2.79 0.00	82.33 2.78 0.00
RUSSELL___1 23602	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
RUSSELL___2 23532	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
RUSSELL___3 23549	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
RUSSELL___4 23556	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
RUSSELL___STATION 23914	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
S SALMON___HYD 24043	62.70 -1.22 0.00	51.39 -1.10 0.00	45.55 -0.93 0.00	44.04 -0.81 0.00	45.04 -0.78 0.00	47.30 -0.77 0.00	52.65 -0.80 0.00	55.33 -0.84 0.00	58.14 -0.95 0.00	66.15 -0.94 0.00	69.58 -0.92 0.00	61.83 -0.82 0.00	57.51 -0.70 0.00	60.58 -0.73 0.00	56.57 -0.80 0.00	66.91 -0.81 0.00	71.73 -0.72 0.00	93.55 -0.47 0.00	96.01 -0.38 0.00	90.24 -0.54 0.00	85.97 -0.87 0.00	77.24 -0.93 0.00	70.78 -0.64 0.00	78.83 -0.72 0.00
S.PERRY__115KV_TB1 80734	60.02 -3.90 0.00	49.19 -3.31 0.00	44.39 -2.09 0.00	43.10 -1.75 0.00	44.08 -1.74 0.00	46.38 -1.68 0.00	52.01 -1.44 0.00	53.81 -2.36 0.00	56.31 -2.78 0.00	64.21 -2.88 0.00	66.91 -3.60 0.00	59.70 -2.94 0.00	55.41 -2.79 0.00	58.73 -2.57 0.00	54.97 -2.41 0.00	65.49 -2.23 0.00	70.78 -1.67 0.00	92.13 -1.88 0.00	94.47 -1.93 0.00	88.33 -2.45 0.00	83.71 -3.13 0.00	74.50 -3.67 0.00	68.71 -2.71 0.00	76.84 -2.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.72 -6.20 0.00	47.56 -4.93 0.00	43.13 -3.35 0.00	42.20 -2.65 0.00	43.17 -2.66 0.00	45.33 -2.74 0.00	50.62 -2.83 0.00	51.45 -4.72 0.00	53.71 -5.38 0.00	61.79 -5.30 0.00	64.37 -6.13 0.00	57.57 -5.07 0.00	53.66 -4.54 0.00	57.26 -4.05 0.00	53.65 -3.73 0.00	63.52 -4.20 0.00	67.81 -4.64 0.00	87.06 -6.96 0.00	88.78 -7.62 0.00	82.98 -7.81 0.00	78.32 -8.51 0.00	69.34 -8.83 0.00	64.64 -6.79 0.00	73.66 -5.89 0.00

SAWYER___23_KV_LOAD 55526	57.72 -6.20 0.00	47.56 -4.93 0.00	43.13 -3.35 0.00	42.20 -2.65 0.00	43.17 -2.66 0.00	45.33 -2.74 0.00	50.62 -2.83 0.00	51.45 -4.72 0.00	53.71 -5.38 0.00	61.79 -5.30 0.00	64.37 -6.13 0.00	57.57 -5.07 0.00	53.66 -4.54 0.00	57.26 -4.05 0.00	53.65 -3.73 0.00	63.52 -4.20 0.00	67.81 -4.64 0.00	87.06 -6.96 0.00	88.78 -7.62 0.00	82.98 -7.81 0.00	78.32 -8.51 0.00	69.34 -8.83 0.00	64.64 -6.79 0.00	73.66 -5.89 0.00
SELKIRK___I 23801	67.82 3.90 0.00	55.70 3.20 0.00	49.22 2.74 0.00	47.40 2.55 0.00	48.48 2.66 0.00	50.85 2.79 0.00	56.33 2.88 0.00	58.92 2.75 0.00	61.92 2.84 0.00	69.84 2.75 0.00	73.46 2.96 0.00	65.15 2.51 0.00	60.36 2.15 0.00	63.64 2.33 0.00	59.50 2.12 0.00	70.23 2.51 0.00	76.29 3.84 0.00	99.56 5.55 0.00	109.86 5.49 -7.97	99.06 5.26 -3.01	92.13 5.30 0.00	82.79 4.61 0.00	75.93 4.50 0.00	84.80 5.25 0.00
SELKIRK___II 23799	65.90 1.98 0.00	54.07 1.57 0.00	47.78 1.30 0.00	46.06 1.21 0.00	47.06 1.24 0.00	49.31 1.25 0.00	54.68 1.23 0.00	57.46 1.29 0.00	60.50 1.42 0.00	68.57 1.47 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.60 1.39 0.00	62.84 1.53 0.00	58.70 1.32 0.00	69.07 1.35 0.00	74.48 2.03 0.00	96.83 2.82 0.00	106.99 2.80 -7.80	96.45 2.72 -2.95	89.61 2.78 0.00	80.52 2.34 0.00	73.64 2.22 0.00	81.93 2.38 0.00
SENECA OSWGO___HYD 24041	61.81 -2.11 0.00	50.71 -1.79 0.00	45.04 -1.44 0.00	43.50 -1.34 0.00	44.45 -1.37 0.00	46.63 -1.44 0.00	52.01 -1.44 0.00	54.54 -1.63 0.00	57.31 -1.77 0.00	65.28 -1.81 0.00	68.60 -1.90 0.00	60.96 -1.69 0.00	56.69 -1.51 0.00	59.71 -1.59 0.00	55.83 -1.55 0.00	66.03 -1.69 0.00	70.79 -1.66 0.00	92.13 -1.88 0.00	94.56 -1.83 0.00	88.79 -2.00 0.00	84.75 -2.08 0.00	75.99 -2.19 0.00	69.57 -1.86 0.00	77.32 -2.23 0.00
SENECA___115KV_TB3 355854	58.36 -5.56 0.00	48.04 -4.46 0.00	43.55 -2.93 0.00	42.56 -2.29 0.00	43.58 -2.25 0.00	45.76 -2.31 0.00	51.15 -2.30 0.00	52.07 -4.10 0.00	54.36 -4.73 0.00	62.60 -4.50 0.00	65.14 -5.36 0.00	58.32 -4.32 0.00	54.36 -3.84 0.00	58.00 -3.31 0.00	54.33 -3.04 0.00	64.33 -3.39 0.00	68.76 -3.69 0.00	88.37 -5.64 0.00	90.13 -6.27 0.00	84.16 -6.63 0.00	79.45 -7.38 0.00	70.44 -7.74 0.00	65.57 -5.86 0.00	74.62 -4.93 0.00
SENECA___ENERGY 23797	61.62 -2.30 0.00	50.61 -1.89 0.00	45.18 -1.30 0.00	43.73 -1.12 0.00	44.72 -1.10 0.00	46.91 -1.15 0.00	52.43 -1.02 0.00	54.76 -1.40 0.00	57.43 -1.65 0.00	65.48 -1.61 0.00	68.60 -1.90 0.00	61.08 -1.56 0.00	56.81 -1.40 0.00	59.90 -1.41 0.00	56.00 -1.38 0.00	66.43 -1.29 0.00	71.44 -1.01 0.00	92.98 -1.03 0.00	95.34 -1.06 0.00	89.42 -1.36 0.00	85.10 -1.74 0.00	76.07 -2.11 0.00	69.78 -1.64 0.00	77.72 -1.83 0.00
SHOEMAKER___GT 23640	65.90 1.98 0.00	54.02 1.52 0.00	47.59 1.11 0.00	45.83 0.99 0.00	46.83 1.01 0.00	49.12 1.06 0.00	54.41 0.96 0.00	57.40 1.23 0.00	60.50 1.42 0.00	68.43 1.34 0.00	72.12 1.62 0.00	64.09 1.44 0.00	59.48 1.28 0.00	62.72 1.41 0.00	58.70 1.32 0.00	69.28 1.56 0.00	74.84 2.39 0.00	97.68 3.66 0.00	101.79 3.76 -1.63	94.94 3.54 -0.62	90.40 3.56 0.00	81.07 2.89 0.00	73.92 2.50 0.00	81.77 2.22 0.00
SHOEMAKR_138KV_BK 111 55601	65.90 1.98 0.00	54.02 1.52 0.00	47.60 1.12 0.00	45.83 0.99 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.36 0.91 0.00	57.35 1.18 0.00	60.44 1.36 0.00	68.43 1.34 0.00	72.12 1.62 0.00	64.09 1.44 0.00	59.48 1.28 0.00	62.72 1.41 0.00	58.64 1.26 0.00	69.28 1.56 0.00	74.84 2.39 0.00	97.59 3.57 0.00	101.78 3.76 -1.62	94.94 3.54 -0.61	90.31 3.47 0.00	80.99 2.81 0.00	73.92 2.50 0.00	81.62 2.07 0.00
SHOREHAM_IC_1 23715	70.83 4.99 -1.92	62.81 3.83 -6.48	65.43 3.25 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.36 3.42 -14.49	87.24 3.87 -27.21	86.80 4.20 -23.52	79.12 4.50 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.93 3.73 0.00	65.42 4.11 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.91 5.94 -14.51	114.48 8.36 -12.10	105.96 8.10 -1.47	104.01 7.35 -5.88	98.05 6.78 -4.44	91.84 5.70 -7.96	81.32 5.36 -4.54	84.40 4.85 0.00
SHOREHAM_IC_2 23716	70.83 4.99 -1.92	62.81 3.83 -6.48	65.43 3.25 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.36 3.42 -14.49	87.24 3.87 -27.21	86.80 4.20 -23.52	79.12 4.50 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.93 3.73 0.00	65.42 4.11 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.91 5.94 -14.51	114.48 8.36 -12.10	105.96 8.10 -1.47	104.01 7.35 -5.88	98.05 6.78 -4.44	91.84 5.70 -7.96	81.32 5.36 -4.54	84.40 4.85 0.00
SISSONVILLE____ 23735	65.52 1.60 0.00	54.28 1.78 0.00	48.01 1.53 0.00	46.32 1.48 0.00	47.11 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	72.05 1.55 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.92 1.55 0.00	68.67 0.95 0.00	72.45 0.00 0.00	93.17 -0.85 0.00	95.24 -1.16 0.00	90.24 -0.54 0.00	86.23 -0.61 0.00	78.88 0.70 0.00	72.49 1.07 0.00	81.54 1.99 0.00
SITHE_IND_GS1 24169	61.04 -2.88 0.00	50.14 -2.36 0.00	44.48 -2.00 0.00	42.96 -1.88 0.00	43.90 -1.92 0.00	46.05 -2.02 0.00	51.26 -2.19 0.00	53.81 -2.36 0.00	56.49 -2.60 0.00	64.28 -2.82 0.00	67.54 -2.96 0.00	60.02 -2.63 0.00	55.81 -2.39 0.00	58.79 -2.52 0.00	55.02 -2.35 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.63 -3.38 0.00	92.93 -3.47 0.00	87.33 -3.45 0.00	83.36 -3.48 0.00	74.90 -3.28 0.00	68.49 -2.93 0.00	76.28 -3.26 0.00
SITHE_IND_GS2 24170	61.04 -2.88 0.00	50.14 -2.36 0.00	44.48 -2.00 0.00	42.96 -1.88 0.00	43.90 -1.92 0.00	46.05 -2.02 0.00	51.26 -2.19 0.00	53.81 -2.36 0.00	56.49 -2.60 0.00	64.28 -2.82 0.00	67.54 -2.96 0.00	60.02 -2.63 0.00	55.81 -2.39 0.00	58.79 -2.52 0.00	55.02 -2.35 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.63 -3.38 0.00	92.93 -3.47 0.00	87.33 -3.45 0.00	83.36 -3.48 0.00	74.90 -3.28 0.00	68.49 -2.93 0.00	76.28 -3.26 0.00
SITHE_IND_GS3 24171	61.04 -2.88 0.00	50.14 -2.36 0.00	44.48 -2.00 0.00	42.96 -1.88 0.00	43.90 -1.92 0.00	46.05 -2.02 0.00	51.26 -2.19 0.00	53.81 -2.36 0.00	56.49 -2.60 0.00	64.28 -2.82 0.00	67.54 -2.96 0.00	60.02 -2.63 0.00	55.81 -2.39 0.00	58.79 -2.52 0.00	55.02 -2.35 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.63 -3.38 0.00	92.93 -3.47 0.00	87.33 -3.45 0.00	83.36 -3.48 0.00	74.90 -3.28 0.00	68.49 -2.93 0.00	76.28 -3.26 0.00
SITHE_IND_GS4 24172	61.04 -2.88 0.00	50.14 -2.36 0.00	44.48 -2.00 0.00	42.96 -1.88 0.00	43.90 -1.92 0.00	46.05 -2.02 0.00	51.26 -2.19 0.00	53.81 -2.36 0.00	56.49 -2.60 0.00	64.28 -2.82 0.00	67.54 -2.96 0.00	60.02 -2.63 0.00	55.81 -2.39 0.00	58.79 -2.52 0.00	55.02 -2.35 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.63 -3.38 0.00	92.93 -3.47 0.00	87.33 -3.45 0.00	83.36 -3.48 0.00	74.90 -3.28 0.00	68.49 -2.93 0.00	76.28 -3.26 0.00

SITHE___BATAVIA 24024	59.44 -4.48 0.00	49.09 -3.41 0.00	44.25 -2.23 0.00	43.19 -1.66 0.00	44.22 -1.61 0.00	46.14 -1.92 0.00	51.90 -1.55 0.00	53.24 -2.92 0.00	55.48 -3.61 0.00	63.74 -3.35 0.00	66.34 -4.16 0.00	59.26 -3.38 0.00	55.17 -3.03 0.00	58.79 -2.52 0.00	54.91 -2.47 0.00	65.22 -2.50 0.00	69.99 -2.46 0.00	90.35 -3.67 0.00	92.54 -3.86 0.00	86.25 -4.54 0.00	81.45 -5.38 0.00	72.23 -5.94 0.00	67.06 -4.36 0.00	75.57 -3.98 0.00
SITHE___INDEPEND 23800	61.04 -2.88 0.00	50.08 -2.41 0.00	44.48 -2.00 0.00	42.96 -1.88 0.00	43.90 -1.92 0.00	46.10 -1.97 0.00	51.26 -2.19 0.00	53.75 -2.42 0.00	56.48 -2.60 0.00	64.27 -2.82 0.00	67.54 -2.96 0.00	60.01 -2.63 0.00	55.82 -2.39 0.00	58.79 -2.51 0.00	55.02 -2.35 0.00	65.01 -2.71 0.00	69.70 -2.75 0.00	90.54 -3.48 0.00	92.93 -3.47 0.00	87.33 -3.45 0.00	83.36 -3.47 0.00	74.89 -3.28 0.00	68.50 -2.93 0.00	76.29 -3.26 0.00
SITHE___MASSENA 23902	65.32 1.40 0.00	54.02 1.52 0.00	47.87 1.39 0.00	46.15 1.30 0.00	47.06 1.24 0.00	49.41 1.34 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.50 1.42 0.00	68.64 1.54 0.00	71.98 1.48 0.00	63.83 1.19 0.00	59.71 1.51 0.00	62.41 1.10 0.00	58.81 1.43 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.64 -0.37 0.00	95.82 -0.57 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	78.96 0.78 0.00	72.21 0.79 0.00	80.98 1.43 0.00
SITHE___OGDNSBRG 24021	66.41 2.49 0.00	54.97 2.47 0.00	48.62 2.14 0.00	46.95 2.11 0.00	47.84 2.02 0.00	50.23 2.16 0.00	55.91 2.46 0.00	58.81 2.64 0.00	61.51 2.42 0.00	69.71 2.62 0.00	72.97 2.47 0.00	64.71 2.07 0.00	60.53 2.33 0.00	63.21 1.90 0.00	59.67 2.30 0.00	69.89 2.17 0.00	73.97 1.52 0.00	95.24 1.22 0.00	97.27 0.87 0.00	92.15 1.36 0.00	88.05 1.22 0.00	80.44 2.27 0.00	73.64 2.21 0.00	82.81 3.26 0.00
SITHE___STERLING 23777	65.07 1.15 0.00	53.34 0.84 0.00	47.27 0.79 0.00	45.69 0.85 0.00	46.69 0.87 0.00	49.08 1.01 0.00	54.68 1.23 0.00	57.51 1.35 0.00	60.50 1.42 0.00	68.83 1.74 0.00	72.26 1.76 0.00	64.15 1.50 0.00	59.60 1.39 0.00	62.78 1.47 0.00	58.75 1.37 0.00	69.61 1.89 0.00	74.84 2.39 0.00	97.49 3.48 0.00	99.97 3.57 0.00	94.05 3.26 0.00	89.61 2.78 0.00	80.60 2.43 0.00	73.64 2.22 0.00	81.93 2.38 0.00
SLEIGHT__34_KV_TB1 80719	60.98 -2.94 0.00	49.98 -2.52 0.00	44.81 -1.67 0.00	43.45 -1.39 0.00	44.45 -1.37 0.00	46.72 -1.35 0.00	52.17 -1.28 0.00	54.26 -1.91 0.00	56.90 -2.19 0.00	65.01 -2.08 0.00	68.10 -2.40 0.00	60.70 -1.94 0.00	56.46 -1.75 0.00	59.65 -1.66 0.00	55.71 -1.66 0.00	66.03 -1.69 0.00	70.93 -1.52 0.00	92.13 -1.88 0.00	94.47 -1.93 0.00	88.51 -2.27 0.00	84.06 -2.78 0.00	75.05 -3.13 0.00	69.07 -2.36 0.00	77.16 -2.39 0.00
SOUTH CAIRO___GT 23612	68.58 4.67 0.00	56.28 3.78 0.00	49.73 3.25 0.00	47.85 3.00 0.00	49.03 3.21 0.00	51.43 3.36 0.00	57.14 3.69 0.00	59.65 3.48 0.00	62.87 3.78 0.00	70.78 3.69 0.00	74.45 3.95 0.00	65.90 3.26 0.00	61.00 2.79 0.00	64.31 3.00 0.00	60.19 2.81 0.00	71.17 3.45 0.00	77.38 4.93 0.00	101.63 7.62 -7.20	110.54 6.94 -2.72	99.95 6.45 0.00	93.78 6.95 0.00	84.20 6.02 0.00	76.99 5.57 0.00	86.15 6.60 0.00
SOUTH HAMPTN___IC 23720	71.08 5.24 -1.92	62.96 3.99 -6.48	65.57 3.39 -15.70	61.73 3.14 -13.75	62.26 3.16 -13.28	62.42 3.36 -10.99	71.52 3.58 -14.49	87.47 4.10 -27.21	86.97 4.37 -23.52	79.39 4.76 -7.53	78.16 4.86 -2.80	75.32 4.38 -8.29	62.04 3.84 0.00	65.54 4.23 0.00	61.22 3.84 0.00	76.61 4.81 -4.08	93.12 6.15 -14.51	114.95 8.83 -12.10	106.44 8.58 -1.47	104.74 8.08 -5.88	98.74 7.47 -4.44	92.46 6.33 -7.96	81.75 5.78 -4.54	85.03 5.48 0.00
SOUTHDOW_115KV_TB1 355954	60.02 -3.90 0.00	49.45 -3.04 0.00	44.76 -1.72 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.10 -0.96 0.00	52.91 -0.53 0.00	54.09 -2.08 0.00	56.72 -2.36 0.00	65.41 -1.68 0.00	68.03 -2.47 0.00	60.95 -1.69 0.00	56.75 -1.46 0.00	60.51 -0.80 0.00	56.74 -0.63 0.00	67.31 -0.41 0.00	71.87 -0.58 0.00	92.42 -1.60 0.00	94.18 -2.22 0.00	87.97 -2.81 0.00	83.01 -3.82 0.00	73.49 -4.69 0.00	68.14 -3.29 0.00	77.48 -2.07 0.00
SOUTHOLD_69_KV_BK 2 55809	71.34 5.50 -1.92	63.07 4.09 -6.48	65.62 3.44 -15.70	61.73 3.14 -13.75	62.26 3.16 -13.28	62.37 3.32 -10.99	71.63 3.69 -14.49	87.64 4.27 -27.21	87.09 4.49 -23.52	79.59 4.96 -7.53	78.02 4.72 -2.80	75.32 4.39 -8.29	61.99 3.78 0.00	65.54 4.23 0.00	61.10 3.73 0.00	76.61 4.81 -4.08	93.19 6.23 -14.51	115.23 9.12 -12.10	107.31 9.45 -1.47	105.29 8.62 -5.88	99.61 8.34 -4.44	93.01 6.88 -7.96	82.18 6.21 -4.54	85.20 5.65 0.00
SOUTHOLD___IC 23719	71.34 5.50 -1.92	63.02 4.04 -6.48	65.62 3.44 -15.70	61.73 3.14 -13.75	62.26 3.16 -13.28	62.46 3.41 -10.99	71.63 3.69 -14.49	87.64 4.27 -27.21	87.09 4.49 -23.52	79.59 4.96 -7.53	78.03 4.72 -2.80	75.32 4.38 -8.29	61.98 3.78 0.00	65.54 4.23 0.00	61.10 3.73 0.00	76.54 4.74 -4.08	93.12 6.15 -14.51	115.23 9.12 -12.10	106.92 9.06 -1.47	105.38 8.72 -5.88	99.43 8.16 -4.44	92.93 6.80 -7.96	82.17 6.21 -4.54	85.76 6.21 0.00
SOUTH_FORK_WT_PWR 323839	70.83 4.99 -1.92	62.59 3.62 -6.48	65.16 2.98 -15.70	61.28 2.69 -13.75	61.80 2.70 -13.28	61.98 2.93 -10.99	71.09 3.15 -14.49	87.08 3.71 -27.21	86.56 3.96 -23.52	78.98 4.36 -7.53	77.18 3.87 -2.80	74.70 3.76 -8.29	61.40 3.20 0.00	64.86 3.55 0.00	60.41 3.04 0.00	75.73 3.93 -4.08	92.25 5.29 -14.51	114.10 7.99 -12.10	105.77 7.91 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.31 6.17 -7.96	81.54 5.57 -4.54	85.20 5.65 0.00
SPIERFLS_115KV_TB 1 80737	68.52 4.60 0.00	56.23 3.73 0.00	49.64 3.16 0.00	47.85 3.00 0.00	48.94 3.12 0.00	51.48 3.41 0.00	57.24 3.79 0.00	60.21 4.04 0.00	63.57 4.49 0.00	72.19 5.10 0.00	75.72 5.22 0.00	66.90 4.26 0.00	61.99 3.78 0.00	65.29 3.99 0.00	60.93 3.56 0.00	72.19 4.47 0.00	78.32 5.87 0.00	102.57 8.56 0.00	125.10 9.16 -19.55	106.61 8.44 -7.38	94.65 7.82 0.00	84.98 6.80 0.00	77.64 6.21 0.00	86.15 6.60 0.00
ST LAWRENCE____ 23600	64.56 0.64 0.00	53.18 0.68 0.00	47.08 0.60 0.00	45.43 0.58 0.00	46.38 0.55 0.00	48.65 0.58 0.00	54.14 0.69 0.00	56.89 0.73 0.00	59.80 0.71 0.00	67.83 0.74 0.00	71.13 0.63 0.00	63.14 0.50 0.00	58.78 0.58 0.00	61.68 0.37 0.00	57.89 0.52 0.00	68.13 0.41 0.00	72.09 -0.36 0.00	92.79 -1.22 0.00	95.05 -1.35 0.00	89.79 -1.00 0.00	86.05 -0.78 0.00	78.10 -0.08 0.00	71.28 -0.14 0.00	79.87 0.32 0.00
STATE_CA_115KV_115_LB 55624	66.22 2.30 0.00	54.39 1.89 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.29 1.47 0.00	49.56 1.49 0.00	54.95 1.50 0.00	57.74 1.57 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	60.01 1.80 0.00	63.27 1.96 0.00	59.10 1.72 0.00	69.35 1.63 0.00	74.77 2.32 0.00	97.30 3.29 0.00	112.41 3.28 -12.74	98.68 3.09 -4.81	89.96 3.13 0.00	80.83 2.66 0.00	74.07 2.64 0.00	82.33 2.78 0.00

STATE_ST_34_KV_LOAD 55959	62.58 -1.34 0.00	51.29 -1.21 0.00	45.69 -0.79 0.00	44.17 -0.67 0.00	45.18 -0.64 0.00	47.49 -0.58 0.00	52.97 -0.48 0.00	55.44 -0.73 0.00	58.26 -0.83 0.00	66.42 -0.67 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.70 -0.61 0.00	56.74 -0.63 0.00	67.18 -0.54 0.00	72.23 -0.22 0.00	94.11 0.09 0.00	96.69 0.29 0.00	90.69 -0.09 0.00	86.49 -0.35 0.00	77.40 -0.78 0.00	70.85 -0.57 0.00	78.83 -0.72 0.00
STATION 5_MISC_HYD 23604	60.34 -3.58 0.00	49.66 -2.84 0.00	44.57 -1.91 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.34 -1.73 0.00	51.95 -1.50 0.00	53.75 -2.41 0.00	56.19 -2.89 0.00	64.34 -2.75 0.00	67.26 -3.24 0.00	60.02 -2.63 0.00	55.87 -2.33 0.00	59.22 -2.08 0.00	55.31 -2.06 0.00	65.55 -2.17 0.00	70.35 -2.10 0.00	91.00 -3.01 0.00	93.22 -3.18 0.00	87.15 -3.63 0.00	82.67 -4.17 0.00	73.72 -4.45 0.00	68.07 -3.36 0.00	76.28 -3.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.55 -2.36 0.00	50.45 -2.05 0.00	45.32 -1.16 0.00	43.95 -0.90 0.00	45.00 -0.82 0.00	47.25 -0.82 0.00	52.75 -0.69 0.00	54.82 -1.35 0.00	57.49 -1.60 0.00	65.68 -1.41 0.00	68.74 -1.76 0.00	61.20 -1.44 0.00	56.98 -1.22 0.00	60.27 -1.04 0.00	56.23 -1.15 0.00	66.70 -1.02 0.00	71.73 -0.72 0.00	93.17 -0.85 0.00	95.43 -0.96 0.00	89.42 -1.36 0.00	85.01 -1.82 0.00	75.83 -2.35 0.00	69.78 -1.64 0.00	77.96 -1.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	60.15 -3.77 0.00	49.35 -3.15 0.00	44.39 -2.09 0.00	43.14 -1.70 0.00	44.13 -1.70 0.00	46.34 -1.73 0.00	51.74 -1.71 0.00	53.53 -2.64 0.00	56.07 -3.01 0.00	64.14 -2.95 0.00	67.05 -3.45 0.00	59.83 -2.82 0.00	55.70 -2.50 0.00	59.04 -2.27 0.00	55.14 -2.24 0.00	65.28 -2.44 0.00	70.06 -2.39 0.00	90.72 -3.29 0.00	92.93 -3.47 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.56 -4.61 0.00	67.92 -3.50 0.00	76.13 -3.42 0.00
STA_56___34_KV_BUS2 355983	60.15 -3.77 0.00	49.35 -3.15 0.00	44.39 -2.09 0.00	43.14 -1.70 0.00	44.13 -1.70 0.00	46.34 -1.73 0.00	51.74 -1.71 0.00	53.53 -2.64 0.00	56.07 -3.01 0.00	64.14 -2.95 0.00	67.05 -3.45 0.00	59.83 -2.82 0.00	55.70 -2.50 0.00	59.04 -2.27 0.00	55.14 -2.24 0.00	65.28 -2.44 0.00	70.06 -2.39 0.00	90.72 -3.29 0.00	92.93 -3.47 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.56 -4.61 0.00	67.92 -3.50 0.00	76.13 -3.42 0.00
STA_67___115KV_BK2 355882	60.21 -3.71 0.00	49.40 -3.10 0.00	44.48 -2.00 0.00	43.23 -1.61 0.00	44.22 -1.60 0.00	46.43 -1.63 0.00	51.85 -1.60 0.00	53.53 -2.64 0.00	56.07 -3.01 0.00	64.14 -2.95 0.00	67.05 -3.45 0.00	59.83 -2.82 0.00	55.70 -2.50 0.00	59.10 -2.21 0.00	55.20 -2.18 0.00	65.35 -2.37 0.00	70.06 -2.39 0.00	90.72 -3.29 0.00	92.83 -3.57 0.00	86.88 -3.90 0.00	82.41 -4.43 0.00	73.49 -4.69 0.00	67.85 -3.57 0.00	76.21 -3.34 0.00
STA_7___115KV_9TRANS 80674	60.66 -3.26 0.00	49.72 -2.78 0.00	44.81 -1.67 0.00	43.50 -1.35 0.00	44.54 -1.28 0.00	46.77 -1.30 0.00	52.22 -1.23 0.00	53.98 -2.19 0.00	56.54 -2.54 0.00	64.74 -2.35 0.00	67.68 -2.82 0.00	60.39 -2.26 0.00	56.22 -1.98 0.00	59.59 -1.72 0.00	55.65 -1.72 0.00	65.96 -1.76 0.00	70.78 -1.67 0.00	91.57 -2.44 0.00	93.60 -2.80 0.00	87.61 -3.18 0.00	83.19 -3.65 0.00	74.27 -3.91 0.00	68.50 -2.93 0.00	76.84 -2.70 0.00
STA_82___115KV_TB1 80780	60.21 -3.71 0.00	49.40 -3.10 0.00	44.48 -2.00 0.00	43.23 -1.61 0.00	44.22 -1.60 0.00	46.48 -1.59 0.00	51.85 -1.60 0.00	53.53 -2.64 0.00	56.07 -3.01 0.00	64.21 -2.88 0.00	67.12 -3.38 0.00	59.83 -2.82 0.00	55.70 -2.50 0.00	59.10 -2.21 0.00	55.20 -2.18 0.00	65.35 -2.37 0.00	70.13 -2.32 0.00	90.72 -3.29 0.00	92.83 -3.57 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.49 -4.69 0.00	67.92 -3.50 0.00	76.21 -3.34 0.00
STEEL___WIND 323596	58.29 -5.63 0.00	48.25 -4.25 0.00	43.50 -2.98 0.00	42.51 -2.33 0.00	43.53 -2.29 0.00	45.38 -2.69 0.00	51.10 -2.35 0.00	52.18 -3.99 0.00	54.30 -4.78 0.00	62.53 -4.56 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.28 -3.10 0.00	64.34 -3.38 0.00	68.76 -3.69 0.00	88.28 -5.74 0.00	90.23 -6.17 0.00	84.07 -6.72 0.00	79.37 -7.47 0.00	70.36 -7.82 0.00	65.50 -5.93 0.00	74.22 -5.33 0.00
STEPHTWN_115KV_BK_2 55603	66.79 2.88 0.00	54.81 2.31 0.00	48.39 1.91 0.00	46.64 1.79 0.00	47.66 1.83 0.00	49.99 1.92 0.00	55.43 1.98 0.00	58.24 2.08 0.00	61.45 2.36 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.21 2.57 0.00	60.41 2.21 0.00	63.70 2.39 0.00	59.50 2.12 0.00	69.95 2.23 0.00	75.49 3.04 0.00	98.34 4.32 0.00	111.09 4.43 -10.25	98.83 4.18 -3.87	90.92 4.08 0.00	81.69 3.52 0.00	74.85 3.43 0.00	83.21 3.66 0.00
STEUBEN_REC_LFGE 323667	60.47 -3.45 0.00	49.61 -2.89 0.00	44.62 -1.86 0.00	43.32 -1.52 0.00	44.31 -1.51 0.00	46.58 -1.49 0.00	52.43 -1.02 0.00	53.98 -2.19 0.00	56.66 -2.42 0.00	65.01 -2.08 0.00	68.03 -2.47 0.00	60.83 -1.82 0.00	56.63 -1.57 0.00	60.08 -1.23 0.00	56.40 -0.98 0.00	67.18 -0.54 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	96.80 -0.10 -0.50	90.34 -0.64 -0.19	85.44 -1.39 0.00	75.91 -2.27 0.00	70.07 -1.36 0.00	78.75 -0.80 0.00
STILLWATER___SOLAR 323814	67.62 3.71 0.00	55.54 3.04 0.00	49.04 2.55 0.00	47.26 2.42 0.00	48.34 2.52 0.00	50.76 2.69 0.00	56.39 2.94 0.00	59.31 3.14 0.00	62.51 3.43 0.00	70.85 3.75 0.00	74.45 3.95 0.00	65.96 3.32 0.00	61.11 2.91 0.00	64.43 3.13 0.00	60.19 2.81 0.00	71.24 3.52 0.00	77.16 4.71 0.00	100.79 6.77 0.00	122.13 7.13 -18.60	104.53 6.72 -7.03	93.09 6.26 0.00	83.57 5.39 0.00	76.35 4.92 0.00	84.72 5.17 0.00
STONY___BROOK 24151	70.83 4.99 -1.92	62.81 3.83 -6.48	65.43 3.25 -15.70	61.60 3.00 -13.75	62.12 3.02 -13.28	62.27 3.22 -10.99	71.31 3.37 -14.49	87.24 3.87 -27.21	86.80 4.20 -23.52	79.19 4.56 -7.53	78.23 4.93 -2.80	75.39 4.45 -8.29	62.10 3.90 0.00	65.60 4.29 0.00	61.33 3.96 0.00	76.68 4.88 -4.08	93.12 6.15 -14.51	114.58 8.46 -12.10	106.35 8.49 -1.47	104.47 7.81 -5.88	98.65 7.38 -4.44	92.55 6.41 -7.96	81.82 5.86 -4.54	84.88 5.33 0.00
STURGEON_POOL_HYD 23609	66.41 2.49 0.00	54.44 1.94 0.00	47.97 1.49 0.00	46.15 1.30 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.73 1.28 0.00	57.74 1.57 0.00	60.92 1.83 0.00	68.90 1.81 0.00	72.69 2.19 0.00	64.52 1.88 0.00	59.89 1.69 0.00	63.15 1.84 0.00	59.10 1.72 0.00	69.82 2.10 0.00	75.49 3.04 0.00	98.53 4.51 0.00	103.67 4.43 -2.84	96.03 4.18 -1.07	91.26 4.43 0.00	81.85 3.67 0.00	74.64 3.21 0.00	82.33 2.78 0.00
ST_LAW_115_BK7_LBMP 345037	64.62 0.70 0.00	53.23 0.73 0.00	47.18 0.70 0.00	45.47 0.63 0.00	46.42 0.59 0.00	48.74 0.67 0.00	54.20 0.75 0.00	57.01 0.84 0.00	59.85 0.77 0.00	67.90 0.81 0.00	71.21 0.70 0.00	63.21 0.56 0.00	58.84 0.64 0.00	61.74 0.43 0.00	58.01 0.63 0.00	68.20 0.48 0.00	72.09 -0.36 0.00	92.79 -1.22 0.00	95.05 -1.35 0.00	89.79 -1.00 0.00	85.97 -0.87 0.00	78.10 -0.08 0.00	71.28 -0.14 0.00	79.95 0.40 0.00

ST_LAW_115_BK8_LBMP 345038	64.62 0.70 0.00	53.23 0.73 0.00	47.18 0.70 0.00	45.47 0.63 0.00	46.42 0.59 0.00	48.74 0.67 0.00	54.20 0.75 0.00	57.01 0.84 0.00	59.85 0.77 0.00	67.90 0.81 0.00	71.21 0.70 0.00	63.21 0.56 0.00	58.84 0.64 0.00	61.74 0.43 0.00	58.01 0.63 0.00	68.20 0.48 0.00	72.09 -0.36 0.00	92.79 -1.22 0.00	95.05 -1.35 0.00	89.79 -1.00 0.00	85.97 -0.87 0.00	78.10 -0.08 0.00	71.28 -0.14 0.00	79.95 0.40 0.00
ST_LAW_230_BK5_LBMP 345035	64.56 0.64 0.00	53.18 0.68 0.00	47.08 0.60 0.00	45.43 0.58 0.00	46.38 0.55 0.00	48.65 0.58 0.00	54.14 0.69 0.00	56.89 0.73 0.00	59.80 0.71 0.00	67.83 0.74 0.00	71.13 0.63 0.00	63.14 0.50 0.00	58.78 0.58 0.00	61.68 0.37 0.00	57.89 0.52 0.00	68.13 0.41 0.00	72.09 -0.36 0.00	92.79 -1.22 0.00	95.05 -1.35 0.00	89.79 -1.00 0.00	86.05 -0.78 0.00	78.10 -0.08 0.00	71.28 -0.14 0.00	79.87 0.32 0.00
ST_LAW_230_BK6_LBMP 345036	64.56 0.64 0.00	53.18 0.68 0.00	47.08 0.60 0.00	45.43 0.58 0.00	46.38 0.55 0.00	48.65 0.58 0.00	54.14 0.69 0.00	56.89 0.73 0.00	59.80 0.71 0.00	67.83 0.74 0.00	71.13 0.63 0.00	63.14 0.50 0.00	58.78 0.58 0.00	61.68 0.37 0.00	57.89 0.52 0.00	68.13 0.41 0.00	72.09 -0.36 0.00	92.79 -1.22 0.00	95.05 -1.35 0.00	89.79 -1.00 0.00	86.05 -0.78 0.00	78.10 -0.08 0.00	71.28 -0.14 0.00	79.87 0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	66.09 2.17 0.00	54.23 1.73 0.00	47.69 1.21 0.00	45.88 1.03 0.00	46.88 1.05 0.00	49.08 1.01 0.00	54.41 0.96 0.00	57.46 1.29 0.00	60.56 1.48 0.00	68.57 1.48 0.00	72.26 1.76 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.41 1.69 0.00	74.99 2.54 0.00	97.77 3.76 0.00	102.02 3.95 -1.67	95.23 3.81 -0.63	90.57 3.73 0.00	81.23 3.05 0.00	74.07 2.64 0.00	81.78 2.23 0.00
SWANROAD_115KV_TB1 355699	56.31 -7.61 0.00	46.36 -6.14 0.00	42.11 -4.37 0.00	41.21 -3.63 0.00	42.20 -3.62 0.00	44.32 -3.75 0.00	49.44 -4.01 0.00	50.16 -6.01 0.00	52.29 -6.79 0.00	60.18 -6.91 0.00	62.68 -7.83 0.00	56.00 -6.64 0.00	52.21 -5.99 0.00	55.79 -5.52 0.00	52.27 -5.11 0.00	61.83 -5.89 0.00	66.00 -6.45 0.00	84.61 -9.40 0.00	86.28 -10.12 0.00	80.62 -10.17 0.00	76.07 -10.77 0.00	67.39 -10.79 0.00	62.92 -8.50 0.00	71.75 -7.80 0.00
SYNERGY___BIOGAS 323694	59.44 -4.48 0.00	49.09 -3.41 0.00	44.25 -2.23 0.00	43.19 -1.66 0.00	44.22 -1.61 0.00	46.14 -1.92 0.00	51.90 -1.55 0.00	53.24 -2.92 0.00	55.48 -3.61 0.00	63.74 -3.35 0.00	66.34 -4.16 0.00	59.26 -3.38 0.00	55.17 -3.03 0.00	58.79 -2.52 0.00	54.91 -2.47 0.00	65.22 -2.50 0.00	69.99 -2.46 0.00	90.35 -3.67 0.00	92.54 -3.86 0.00	86.25 -4.54 0.00	81.45 -5.38 0.00	72.23 -5.94 0.00	67.06 -4.36 0.00	75.57 -3.98 0.00
SYRACUSE___ENERGY_ST1 323597	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
SYRACUSE___ENERGY_ST2 323598	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.77 -1.05 0.00	47.01 -1.06 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.27 -1.38 0.00	56.92 -1.28 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	70.00 -1.43 0.00	77.80 -1.75 0.00
SYRACUSE___POWER 24017	62.32 -1.60 0.00	51.08 -1.42 0.00	45.41 -1.07 0.00	43.86 -0.99 0.00	44.86 -0.96 0.00	47.10 -0.96 0.00	52.43 -1.02 0.00	54.99 -1.18 0.00	57.78 -1.30 0.00	65.82 -1.27 0.00	69.16 -1.34 0.00	61.45 -1.19 0.00	57.15 -1.05 0.00	60.21 -1.10 0.00	56.29 -1.09 0.00	66.57 -1.15 0.00	71.51 -0.94 0.00	93.07 -0.94 0.00	95.53 -0.87 0.00	89.79 -1.00 0.00	85.62 -1.22 0.00	76.77 -1.41 0.00	70.28 -1.14 0.00	78.20 -1.35 0.00
TALLMAN___138KV_BK151 55660	66.22 2.30 0.00	54.34 1.84 0.00	47.69 1.21 0.00	45.92 1.08 0.00	46.88 1.05 0.00	49.03 0.96 0.00	54.36 0.91 0.00	57.46 1.29 0.00	60.56 1.48 0.00	68.57 1.48 0.00	72.33 1.83 0.00	64.27 1.63 0.00	59.72 1.51 0.00	62.96 1.66 0.00	58.87 1.49 0.00	69.41 1.69 0.00	75.06 2.61 0.00	97.87 3.85 0.00	102.17 4.05 -1.72	95.34 3.90 -0.65	90.65 3.82 0.00	81.30 3.13 0.00	74.14 2.71 0.00	81.70 2.15 0.00
TEALLAVE_115KV_TB7 355573	62.06 -1.85 0.00	50.87 -1.63 0.00	45.23 -1.25 0.00	43.68 -1.17 0.00	44.68 -1.15 0.00	46.91 -1.15 0.00	52.22 -1.23 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.81 -1.69 0.00	61.20 -1.44 0.00	56.86 -1.34 0.00	59.96 -1.35 0.00	56.06 -1.32 0.00	66.30 -1.42 0.00	71.22 -1.23 0.00	92.60 -1.41 0.00	95.05 -1.35 0.00	89.33 -1.45 0.00	85.18 -1.65 0.00	76.38 -1.80 0.00	69.92 -1.50 0.00	77.80 -1.75 0.00
TELGRAPH_34_KV_EAST 80808	58.17 -5.75 0.00	47.77 -4.72 0.00	43.37 -3.11 0.00	42.38 -2.47 0.00	43.39 -2.43 0.00	45.57 -2.50 0.00	50.88 -2.57 0.00	51.84 -4.32 0.00	54.18 -4.90 0.00	62.26 -4.83 0.00	64.79 -5.71 0.00	57.95 -4.70 0.00	54.01 -4.19 0.00	57.57 -3.74 0.00	53.82 -3.56 0.00	63.86 -3.86 0.00	68.25 -4.20 0.00	87.90 -6.11 0.00	89.65 -6.75 0.00	83.79 -6.99 0.00	79.11 -7.73 0.00	70.12 -8.05 0.00	65.28 -6.14 0.00	74.06 -5.49 0.00
TEMPLE___115KV_TB 2 55572	62.06 -1.85 0.00	50.92 -1.57 0.00	45.23 -1.25 0.00	43.72 -1.12 0.00	44.68 -1.15 0.00	46.91 -1.15 0.00	52.27 -1.18 0.00	54.76 -1.40 0.00	57.55 -1.54 0.00	65.55 -1.54 0.00	68.88 -1.62 0.00	61.20 -1.44 0.00	56.92 -1.28 0.00	60.02 -1.29 0.00	56.11 -1.26 0.00	66.37 -1.35 0.00	71.22 -1.23 0.00	92.70 -1.32 0.00	95.15 -1.25 0.00	89.33 -1.45 0.00	85.27 -1.56 0.00	76.38 -1.80 0.00	69.92 -1.50 0.00	77.88 -1.67 0.00
TIANA____69_KV_BK 1 55817	71.08 5.24 -1.92	63.02 4.04 -6.48	65.57 3.39 -15.70	61.73 3.14 -13.75	62.26 3.16 -13.28	62.32 3.27 -10.99	71.52 3.58 -14.49	87.53 4.16 -27.21	86.97 4.37 -23.52	79.39 4.76 -7.53	78.24 4.94 -2.80	75.38 4.45 -8.29	62.04 3.84 0.00	65.60 4.29 0.00	61.28 3.90 0.00	76.74 4.94 -4.08	93.19 6.23 -14.51	114.95 8.84 -12.10	106.93 9.06 -1.47	104.56 7.90 -5.88	98.91 7.64 -4.44	92.47 6.33 -7.96	81.75 5.79 -4.54	84.48 4.93 0.00
TILDEN___115KV_TB1 80814	62.32 -1.60 0.00	51.08 -1.42 0.00	45.41 -1.07 0.00	43.86 -0.99 0.00	44.86 -0.96 0.00	47.10 -0.96 0.00	52.43 -1.02 0.00	54.99 -1.18 0.00	57.78 -1.30 0.00	65.82 -1.27 0.00	69.16 -1.34 0.00	61.45 -1.19 0.00	57.15 -1.05 0.00	60.21 -1.10 0.00	56.29 -1.09 0.00	66.57 -1.15 0.00	71.51 -0.94 0.00	93.07 -0.94 0.00	95.53 -0.87 0.00	89.79 -1.00 0.00	85.62 -1.22 0.00	76.77 -1.41 0.00	70.28 -1.14 0.00	78.20 -1.35 0.00

TRIGEN___CC 323695	69.49 3.64 -1.92	61.91 2.94 -6.48	64.50 2.32 -15.70	60.74 2.15 -13.75	61.25 2.15 -13.28	61.21 2.16 -10.99	70.13 2.19 -14.49	86.07 2.70 -27.21	85.56 2.95 -23.52	77.84 3.22 -7.53	76.97 3.67 -2.80	74.19 3.26 -8.29	61.05 2.85 0.00	64.44 3.13 0.00	60.24 2.87 0.00	75.25 3.45 -4.08	91.46 4.49 -14.51	112.84 6.30 -12.53	104.75 6.56 -1.80	102.93 6.26 -5.88	97.64 6.08 -4.73	91.29 5.16 -7.96	80.54 4.57 -4.54	83.45 3.90 0.00
TRINITY___115KV___4 BK 55933	66.03 2.11 0.00	54.23 1.73 0.00	47.87 1.39 0.00	46.15 1.30 0.00	47.15 1.33 0.00	49.41 1.35 0.00	54.79 1.34 0.00	57.57 1.40 0.00	60.68 1.60 0.00	68.70 1.61 0.00	72.55 2.04 0.00	64.46 1.82 0.00	59.77 1.57 0.00	63.03 1.72 0.00	58.87 1.49 0.00	69.14 1.42 0.00	74.55 2.10 0.00	96.83 2.82 0.00	109.61 2.80 -10.41	97.44 2.72 -3.93	89.61 2.78 0.00	80.60 2.42 0.00	73.78 2.36 0.00	82.01 2.47 0.00
UNION___PROCESSING_DRP 323587	60.21 -3.71 0.00	49.40 -3.10 0.00	44.48 -2.00 0.00	43.23 -1.61 0.00	44.27 -1.56 0.00	46.48 -1.59 0.00	51.85 -1.60 0.00	53.58 -2.58 0.00	56.07 -3.01 0.00	64.21 -2.88 0.00	67.12 -3.38 0.00	59.89 -2.76 0.00	55.76 -2.44 0.00	59.10 -2.21 0.00	55.20 -2.18 0.00	65.42 -2.30 0.00	70.13 -2.32 0.00	90.82 -3.20 0.00	92.93 -3.47 0.00	86.97 -3.81 0.00	82.49 -4.34 0.00	73.56 -4.61 0.00	67.92 -3.50 0.00	76.29 -3.26 0.00
UPPER HUDSON___HYD 24058	68.52 4.60 0.00	56.23 3.73 0.00	49.64 3.16 0.00	47.85 3.00 0.00	48.94 3.12 0.00	51.48 3.41 0.00	57.24 3.80 0.00	60.21 4.05 0.00	63.57 4.49 0.00	72.19 5.10 0.00	75.72 5.22 0.00	66.91 4.26 0.00	61.98 3.78 0.00	65.29 3.98 0.00	60.93 3.56 0.00	72.19 4.47 0.00	78.32 5.87 0.00	102.57 8.55 0.00	125.11 9.16 -19.55	106.61 8.44 -7.38	94.65 7.82 0.00	84.97 6.80 0.00	77.63 6.21 0.00	86.15 6.60 0.00
UPPER RAQUET___HYD 24056	65.52 1.60 0.00	54.23 1.73 0.00	48.01 1.53 0.00	46.32 1.48 0.00	47.10 1.28 0.00	49.46 1.39 0.00	55.05 1.60 0.00	57.91 1.74 0.00	60.56 1.48 0.00	68.70 1.61 0.00	72.05 1.55 0.00	63.90 1.25 0.00	59.83 1.63 0.00	62.41 1.10 0.00	58.93 1.55 0.00	68.60 0.88 0.00	72.45 0.00 0.00	93.07 -0.94 0.00	95.25 -1.15 0.00	90.24 -0.54 0.00	86.23 -0.60 0.00	78.88 0.70 0.00	72.50 1.07 0.00	81.54 1.99 0.00
VALLEY44_115KV_TB2 355964	58.74 -5.18 0.00	48.35 -4.15 0.00	43.88 -2.60 0.00	42.69 -2.15 0.00	43.72 -2.11 0.00	45.86 -2.21 0.00	51.36 -2.08 0.00	52.74 -3.43 0.00	55.07 -4.02 0.00	63.07 -4.03 0.00	65.71 -4.79 0.00	58.76 -3.88 0.00	54.77 -3.43 0.00	58.30 -3.00 0.00	54.62 -2.75 0.00	64.74 -2.98 0.00	68.90 -3.55 0.00	88.75 -5.26 0.00	90.52 -6.17 0.00	84.61 -6.77 0.00	80.06 -7.11 0.00	71.06 -5.64 0.00	65.78 -4.85 0.00	74.70 -4.85 0.00
VALLEY___115KV_TB 1-4 80826	67.31 3.39 0.00	55.12 2.62 0.00	48.71 2.23 0.00	47.00 2.15 0.00	48.02 2.20 0.00	50.33 2.26 0.00	55.96 2.51 0.00	58.81 2.64 0.00	62.04 2.95 0.00	70.58 3.49 0.00	74.24 3.74 0.00	65.90 3.26 0.00	61.11 2.91 0.00	64.31 3.00 0.00	60.13 2.75 0.00	71.24 3.52 0.00	76.65 4.20 0.00	99.84 5.83 0.00	102.37 5.98 0.00	96.59 5.81 0.00	92.39 5.56 0.00	83.57 5.39 0.00	76.57 5.14 0.00	85.35 5.81 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	67.18 3.26 0.00	54.97 2.47 0.00	48.62 2.14 0.00	47.00 2.15 0.00	48.02 2.20 0.00	50.33 2.26 0.00	56.01 2.57 0.00	58.97 2.81 0.00	62.27 3.19 0.00	70.85 3.76 0.00	74.52 4.02 0.00	66.03 3.38 0.00	61.11 2.91 0.00	64.44 3.13 0.00	60.19 2.81 0.00	71.51 3.79 0.00	77.23 4.78 0.00	100.97 6.96 0.00	106.19 7.13 -2.66	98.60 6.81 -1.00	93.00 6.17 0.00	83.57 5.39 0.00	76.35 4.93 0.00	84.80 5.25 0.00
VISCHER___FERRY HYD 24020	66.92 3.00 0.00	54.91 2.42 0.00	48.52 2.04 0.00	46.73 1.88 0.00	47.79 1.97 0.00	50.13 2.07 0.00	55.64 2.19 0.00	58.52 2.36 0.00	61.68 2.60 0.00	69.91 2.82 0.00	73.60 3.10 0.00	65.34 2.69 0.00	60.59 2.39 0.00	63.88 2.57 0.00	59.73 2.35 0.00	70.43 2.71 0.00	76.07 3.62 0.00	99.18 5.17 0.00	117.46 5.40 -15.67	101.78 5.08 -5.92	91.61 4.77 0.00	82.24 4.06 0.00	75.21 3.78 0.00	83.44 3.90 0.00
V_A_10_SYNC_DSASP 323832	58.17 -5.75 0.00	48.09 -4.41 0.00	43.27 -3.21 0.00	42.24 -2.60 0.00	43.26 -2.57 0.00	45.09 -2.98 0.00	50.61 -2.83 0.00	51.90 -4.27 0.00	54.06 -5.02 0.00	62.06 -5.03 0.00	64.72 -5.78 0.00	57.82 -4.82 0.00	53.84 -4.37 0.00	57.38 -3.93 0.00	53.65 -3.73 0.00	63.52 -4.20 0.00	67.89 -4.56 0.00	87.34 -6.67 0.00	89.37 -7.03 0.00	83.43 -7.35 0.00	78.85 -7.99 0.00	70.04 -8.13 0.00	65.14 -6.29 0.00	73.58 -5.97 0.00
V_CMM_10_SYNC_DSASP 323787	64.94 1.02 0.00	53.49 0.99 0.00	47.41 0.93 0.00	45.69 0.85 0.00	46.65 0.83 0.00	48.98 0.91 0.00	54.46 1.01 0.00	57.29 1.12 0.00	60.15 1.06 0.00	68.23 1.14 0.00	71.56 1.06 0.00	63.52 0.88 0.00	59.19 0.99 0.00	62.05 0.74 0.00	58.29 0.92 0.00	68.54 0.82 0.00	72.52 0.07 0.00	93.26 -0.76 0.00	95.43 -0.96 0.00	90.24 -0.54 0.00	86.40 -0.43 0.00	78.57 0.39 0.00	71.71 0.29 0.00	80.42 0.88 0.00
V_CMP_10_SYNC_DSASP 323788	66.48 2.56 0.00	54.81 2.31 0.00	48.57 2.09 0.00	46.82 1.97 0.00	47.79 1.97 0.00	50.18 2.11 0.00	55.37 1.92 0.00	58.19 2.02 0.00	61.21 2.12 0.00	69.44 2.35 0.00	72.76 2.26 0.00	64.46 1.82 0.00	59.77 1.57 0.00	62.66 1.35 0.00	58.81 1.43 0.00	69.21 1.49 0.00	73.32 0.87 0.00	93.92 -0.09 0.00	96.01 -0.38 0.00	90.97 0.18 0.00	87.10 0.26 0.00	79.42 1.25 0.00	72.56 1.14 0.00	81.38 1.83 0.00
V_D_10_SYNC_DSASP 323841	65.32 1.40 0.00	54.02 1.52 0.00	47.83 1.35 0.00	46.15 1.30 0.00	47.06 1.24 0.00	49.41 1.34 0.00	55.00 1.55 0.00	57.80 1.63 0.00	60.50 1.42 0.00	68.64 1.54 0.00	71.91 1.41 0.00	63.83 1.19 0.00	59.66 1.46 0.00	62.41 1.10 0.00	58.81 1.43 0.00	68.87 1.15 0.00	72.81 0.36 0.00	93.64 -0.37 0.00	95.82 -0.57 0.00	90.60 -0.18 0.00	86.75 -0.09 0.00	78.96 0.78 0.00	72.21 0.79 0.00	80.98 1.43 0.00
V_E_10_SYNC_DSASP 323830	68.07 4.15 0.00	55.54 3.04 0.00	49.22 2.74 0.00	47.72 2.87 0.00	48.67 2.84 0.00	51.05 2.98 0.00	57.13 3.69 0.00	60.10 3.93 0.00	63.40 4.31 0.00	72.46 5.37 0.00	76.07 5.57 0.00	67.21 4.57 0.00	62.16 3.96 0.00	65.48 4.17 0.00	61.16 3.79 0.00	73.34 5.62 0.00	79.63 7.17 0.00	104.82 10.81 0.00	108.69 11.08 -1.21	101.86 10.62 -0.46	96.21 9.38 0.00	86.31 8.13 0.00	78.92 7.50 0.00	87.82 8.27 0.00
V_F_30_NSYNC___DSASP 323816	67.69 3.77 0.00	55.54 3.04 0.00	49.04 2.55 0.00	47.26 2.42 0.00	48.34 2.52 0.00	50.76 2.69 0.00	56.39 2.94 0.00	59.31 3.14 0.00	62.57 3.49 0.00	70.91 3.82 0.00	74.52 4.02 0.00	66.02 3.38 0.00	61.23 3.02 0.00	64.49 3.19 0.00	60.24 2.87 0.00	71.31 3.59 0.00	77.16 4.71 0.00	100.87 6.86 0.00	122.64 7.23 -19.00	104.68 6.72 -7.18	93.17 6.34 0.00	83.57 5.39 0.00	76.35 4.92 0.00	84.72 5.17 0.00

V_F_30_SYNC_DSASP 323786	66.22 2.30 0.00	54.39 1.89 0.00	48.01 1.53 0.00	46.28 1.44 0.00	47.29 1.47 0.00	49.56 1.49 0.00	54.95 1.50 0.00	57.74 1.57 0.00	60.86 1.77 0.00	68.97 1.88 0.00	72.76 2.26 0.00	64.71 2.07 0.00	59.95 1.75 0.00	63.27 1.96 0.00	59.10 1.72 0.00	69.35 1.63 0.00	74.77 2.32 0.00	97.21 3.20 0.00	112.23 3.28 -12.55	98.61 3.09 -4.74	89.96 3.13 0.00	80.83 2.66 0.00	74.07 2.64 0.00	82.33 2.78 0.00
V_XM_10_SYNC_DSASP 323789	66.48 2.56 0.00	54.81 2.31 0.00	48.57 2.09 0.00	46.82 1.97 0.00	47.79 1.97 0.00	50.18 2.11 0.00	55.37 1.92 0.00	58.19 2.02 0.00	61.21 2.12 0.00	69.44 2.35 0.00	72.76 2.26 0.00	64.46 1.82 0.00	59.77 1.57 0.00	62.66 1.35 0.00	58.81 1.43 0.00	69.21 1.49 0.00	73.32 0.87 0.00	93.92 -0.09 0.00	96.01 -0.38 0.00	90.97 0.18 0.00	87.10 0.26 0.00	79.42 1.25 0.00	72.56 1.14 0.00	81.38 1.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	66.35 2.43 0.00	54.39 1.89 0.00	47.78 1.30 0.00	46.01 1.17 0.00	46.97 1.15 0.00	49.12 1.06 0.00	54.46 1.02 0.00	57.57 1.40 0.00	60.74 1.65 0.00	68.70 1.61 0.00	72.47 1.97 0.00	64.46 1.82 0.00	59.83 1.63 0.00	63.09 1.78 0.00	58.98 1.61 0.00	69.62 1.90 0.00	75.20 2.75 0.00	98.15 4.14 0.00	102.47 4.34 -1.73	95.52 4.09 -0.65	90.92 4.08 0.00	81.54 3.36 0.00	74.28 2.86 0.00	81.85 2.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	67.05 3.13 0.00	55.02 2.52 0.00	48.39 1.91 0.00	46.55 1.70 0.00	47.52 1.70 0.00	49.75 1.68 0.00	55.27 1.82 0.00	58.53 2.36 0.00	61.74 2.66 0.00	69.77 2.68 0.00	73.60 3.10 0.00	65.46 2.82 0.00	60.76 2.56 0.00	64.07 2.76 0.00	59.90 2.52 0.00	70.90 3.18 0.00	76.51 4.06 0.00	99.75 5.73 0.00	104.17 5.98 -1.80	97.09 5.63 -0.68	92.39 5.56 0.00	82.71 4.53 0.00	75.42 4.00 0.00	83.21 3.66 0.00
W50THST__13_KV_LOAD 356117	67.11 3.20 0.00	55.07 2.57 0.00	48.39 1.91 0.00	46.59 1.75 0.00	47.52 1.70 0.00	49.80 1.73 0.00	55.32 1.87 0.00	58.53 2.36 0.00	61.80 2.72 0.00	69.84 2.75 0.00	73.67 3.17 0.00	65.53 2.88 0.00	60.82 2.62 0.00	64.13 2.82 0.00	59.96 2.58 0.00	70.97 3.25 0.00	76.51 4.06 0.00	99.84 5.83 0.00	104.17 5.98 -1.80	97.09 5.63 -0.68	92.39 5.56 0.00	82.79 4.61 0.00	75.49 4.07 0.00	83.29 3.74 0.00
WADING RIVER_IC_1 23522	70.83 4.99 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.55 2.96 -13.75	62.08 2.98 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.24 3.87 -27.21	86.74 4.13 -23.52	79.05 4.43 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.87 3.67 0.00	65.35 4.05 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.39 8.28 -12.10	105.77 7.91 -1.47	103.83 7.17 -5.88	97.96 6.69 -4.43	91.77 5.63 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
WADING RIVER_IC_2 23547	70.83 4.99 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.55 2.96 -13.75	62.08 2.98 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.24 3.87 -27.21	86.74 4.13 -23.52	79.05 4.43 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.87 3.67 0.00	65.35 4.05 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.39 8.28 -12.10	105.77 7.91 -1.47	103.83 7.17 -5.88	97.96 6.69 -4.43	91.77 5.63 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
WADING RIVER_IC_3 23601	70.83 4.99 -1.92	62.81 3.83 -6.48	65.38 3.20 -15.70	61.55 2.96 -13.75	62.08 2.98 -13.28	62.22 3.17 -10.99	71.31 3.37 -14.49	87.24 3.87 -27.21	86.74 4.13 -23.52	79.05 4.43 -7.53	78.03 4.72 -2.80	75.20 4.26 -8.29	61.87 3.67 0.00	65.35 4.05 0.00	61.10 3.73 0.00	76.47 4.67 -4.08	92.83 5.87 -14.51	114.39 8.28 -12.10	105.77 7.91 -1.47	103.83 7.17 -5.88	97.96 6.69 -4.43	91.77 5.63 -7.96	81.18 5.21 -4.54	84.32 4.77 0.00
WALDENNY_12_KV_BK2 80841	58.23 -5.69 0.00	47.98 -4.51 0.00	43.51 -2.97 0.00	42.51 -2.33 0.00	43.53 -2.29 0.00	45.71 -2.36 0.00	51.10 -2.35 0.00	52.01 -4.16 0.00	54.30 -4.79 0.00	62.53 -4.56 0.00	65.07 -5.43 0.00	58.20 -4.45 0.00	54.24 -3.96 0.00	57.88 -3.43 0.00	54.22 -3.16 0.00	64.27 -3.45 0.00	68.68 -3.77 0.00	88.19 -5.83 0.00	89.94 -6.46 0.00	83.97 -6.81 0.00	79.28 -7.55 0.00	70.28 -7.90 0.00	65.42 -6.00 0.00	74.46 -5.09 0.00
WALDEN__HYDRO 24148	66.41 2.49 0.00	54.49 1.99 0.00	47.92 1.44 0.00	46.15 1.30 0.00	47.15 1.33 0.00	49.36 1.30 0.00	54.73 1.28 0.00	57.80 1.63 0.00	60.92 1.83 0.00	68.90 1.81 0.00	72.69 2.19 0.00	64.59 1.94 0.00	59.95 1.75 0.00	63.21 1.90 0.00	59.10 1.72 0.00	69.82 2.10 0.00	75.49 3.04 0.00	98.53 4.51 0.00	102.93 4.72 -1.81	95.92 4.45 -0.68	91.26 4.43 0.00	81.85 3.67 0.00	74.57 3.14 0.00	82.33 2.78 0.00
WARRENSBURG____ 23737	68.52 4.60 0.00	56.23 3.73 0.00	49.64 3.16 0.00	47.85 3.00 0.00	48.94 3.12 0.00	51.48 3.41 0.00	57.24 3.80 0.00	60.21 4.05 0.00	63.57 4.49 0.00	72.19 5.10 0.00	75.72 5.22 0.00	66.91 4.26 0.00	61.98 3.78 0.00	65.29 3.98 0.00	60.93 3.56 0.00	72.19 4.47 0.00	78.32 5.87 0.00	102.57 8.55 0.00	125.11 9.16 -19.55	106.61 8.44 -7.38	94.65 7.82 0.00	84.97 6.80 0.00	77.63 6.21 0.00	86.15 6.60 0.00
WATERSIDE____6 8 9 23538	66.35 2.43 0.00	54.55 2.05 0.00	47.76 1.72 0.44	45.72 1.57 0.70	46.77 1.51 0.57	49.32 1.49 0.24	54.68 1.23 0.00	57.91 1.74 0.00	61.09 2.01 0.00	69.37 2.28 0.00	73.25 2.75 0.00	65.15 2.51 0.00	60.47 2.27 0.00	63.76 2.45 0.00	59.61 2.24 0.00	70.23 2.51 0.00	74.51 3.62 1.56	97.17 5.08 1.92	100.94 5.40 0.86	94.58 5.08 1.29	89.23 5.04 2.64	80.09 4.14 2.23	74.07 3.64 1.00	82.25 2.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	69.73 5.82 0.00	57.07 4.57 0.00	50.43 3.95 0.00	48.70 3.86 0.00	49.72 3.89 0.00	52.10 4.04 0.00	57.99 4.54 0.00	60.94 4.77 0.00	64.34 5.26 0.00	73.20 6.11 0.00	76.92 6.42 0.00	68.28 5.64 0.00	63.27 5.06 0.00	66.58 5.27 0.00	62.19 4.82 0.00	73.88 6.16 0.00	79.55 7.10 0.00	103.70 9.68 0.00	106.33 9.93 0.00	100.41 9.62 0.00	96.04 9.20 0.00	87.01 8.83 0.00	79.71 8.29 0.00	88.93 9.39 0.00
WATSON__69_KV_BK 1 55734	71.15 5.31 -1.92	63.17 4.20 -6.48	65.67 3.49 -15.70	61.86 3.27 -13.75	62.40 3.30 -13.28	62.46 3.41 -10.99	71.63 3.69 -14.49	87.53 4.16 -27.21	87.09 4.49 -23.52	79.52 4.90 -7.53	78.59 5.29 -2.80	75.70 4.76 -8.29	62.39 4.19 0.00	65.91 4.60 0.00	61.62 4.25 0.00	77.01 5.21 -4.08	93.41 6.45 -14.51	115.25 9.12 -12.12	107.33 9.45 -1.48	105.20 8.53 -5.88	99.62 8.34 -4.45	93.09 6.96 -7.96	82.18 6.21 -4.54	85.04 5.49 0.00
WDELAWARE__HYD 323627	66.35 2.43 0.00	54.28 1.79 0.00	47.87 1.39 0.00	46.10 1.25 0.00	47.10 1.28 0.00	49.41 1.34 0.00	54.84 1.39 0.00	57.74 1.57 0.00	60.92 1.83 0.00	68.90 1.81 0.00	72.55 2.05 0.00	64.40 1.75 0.00	59.71 1.51 0.00	62.96 1.66 0.00	58.93 1.55 0.00	69.69 1.97 0.00	75.49 3.04 0.00	98.90 4.89 0.00	103.36 5.01 -1.95	96.24 4.72 -0.74	91.43 4.60 0.00	82.08 3.91 0.00	74.71 3.29 0.00	82.65 3.10 0.00

WEST BABYLON___IC 23714	70.76 4.92 -1.92	62.86 3.88 -6.48	65.43 3.25 -15.70	61.59 3.00 -13.75	62.13 3.02 -13.28	62.18 3.12 -10.99	71.31 3.37 -14.49	87.19 3.82 -27.21	86.74 4.14 -23.52	79.12 4.50 -7.53	78.31 5.01 -2.80	75.38 4.45 -8.29	62.16 3.96 0.00	65.66 4.35 0.00	61.33 3.96 0.00	76.54 4.74 -4.08	92.91 5.94 -14.51	114.54 8.37 -12.16	106.59 8.68 -1.52	104.56 7.90 -5.88	99.04 7.73 -4.48	92.62 6.49 -7.96	81.75 5.79 -4.54	84.64 5.09 0.00
WEST CANADA___HYD 24049	64.17 0.26 0.00	52.66 0.16 0.00	46.57 0.09 0.00	44.93 0.09 0.00	45.92 0.09 0.00	48.16 0.10 0.00	53.56 0.11 0.00	56.28 0.11 0.00	59.26 0.18 0.00	67.29 0.20 0.00	70.78 0.28 0.00	62.90 0.25 0.00	58.38 0.18 0.00	61.55 0.25 0.00	57.55 0.17 0.00	67.99 0.27 0.00	72.96 0.51 0.00	94.86 0.84 0.00	97.26 0.87 0.00	91.60 0.82 0.00	87.61 0.78 0.00	78.73 0.55 0.00	71.99 0.57 0.00	80.03 0.48 0.00
WESTERN_NY_WIND 24143	59.32 -4.60 0.00	48.67 -3.83 0.00	44.16 -2.32 0.00	43.10 -1.75 0.00	44.13 -1.70 0.00	46.38 -1.68 0.00	51.85 -1.60 0.00	52.96 -3.20 0.00	55.36 -3.72 0.00	63.60 -3.49 0.00	66.13 -4.37 0.00	59.07 -3.57 0.00	55.06 -3.14 0.00	58.67 -2.64 0.00	54.79 -2.58 0.00	65.08 -2.64 0.00	69.77 -2.68 0.00	90.16 -3.85 0.00	92.06 -4.34 0.00	85.97 -4.81 0.00	81.19 -5.64 0.00	72.00 -6.18 0.00	66.92 -4.50 0.00	75.65 -3.90 0.00
WESTOVER___LESR 323668	62.70 -1.21 0.00	51.50 -1.00 0.00	45.97 -0.51 0.00	44.44 -0.40 0.00	45.41 -0.41 0.00	47.63 -0.43 0.00	53.13 -0.32 0.00	55.55 -0.62 0.00	58.32 -0.77 0.00	66.35 -0.74 0.00	69.65 -0.85 0.00	61.96 -0.69 0.00	57.56 -0.64 0.00	60.82 -0.49 0.00	56.92 -0.46 0.00	67.31 -0.41 0.00	72.38 -0.07 0.00	94.11 0.09 0.00	97.29 0.10 -0.80	90.90 -0.18 -0.30	86.31 -0.52 0.00	77.24 -0.94 0.00	70.85 -0.57 0.00	79.07 -0.48 0.00
WETHRSFD_WT_PWR 323626	58.61 -5.30 0.00	48.46 -4.04 0.00	43.60 -2.88 0.00	42.42 -2.42 0.00	43.44 -2.38 0.00	45.33 -2.74 0.00	51.04 -2.40 0.00	52.46 -3.71 0.00	54.71 -4.37 0.00	62.80 -4.30 0.00	65.50 -5.00 0.00	58.51 -4.14 0.00	54.48 -3.73 0.00	58.00 -3.31 0.00	54.39 -2.99 0.00	64.54 -3.18 0.00	69.26 -3.19 0.00	89.41 -4.60 0.00	91.49 -4.91 0.00	85.43 -5.36 0.00	80.84 -5.99 0.00	71.77 -6.41 0.00	66.50 -4.93 0.00	75.02 -4.53 0.00
WHAVSTOR_138KV_BK127 55557	66.09 2.17 0.00	54.23 1.73 0.00	47.64 1.16 0.00	45.88 1.03 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.25 0.80 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.50 1.41 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	102.08 3.95 -1.73	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	73.99 2.57 0.00	81.54 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	66.09 2.17 0.00	54.23 1.73 0.00	47.64 1.16 0.00	45.88 1.03 0.00	46.79 0.96 0.00	48.98 0.91 0.00	54.25 0.80 0.00	57.40 1.24 0.00	60.50 1.42 0.00	68.50 1.41 0.00	72.19 1.69 0.00	64.21 1.57 0.00	59.66 1.46 0.00	62.90 1.59 0.00	58.81 1.43 0.00	69.35 1.63 0.00	74.91 2.46 0.00	97.68 3.67 0.00	102.08 3.95 -1.73	95.16 3.72 -0.65	90.57 3.73 0.00	81.23 3.05 0.00	73.99 2.57 0.00	81.54 1.99 0.00
WHITEHAL_115KV_TB1 80871	69.86 5.94 0.00	57.33 4.83 0.00	50.57 4.09 0.00	48.70 3.86 0.00	49.90 4.08 0.00	52.54 4.47 0.00	58.42 4.97 0.00	61.50 5.34 0.00	64.93 5.85 0.00	73.73 6.64 0.00	77.27 6.77 0.00	68.28 5.64 0.00	63.15 4.95 0.00	66.58 5.27 0.00	62.08 4.70 0.00	73.68 5.96 0.00	80.13 7.68 0.00	105.20 11.19 0.00	127.59 11.95 -19.24	109.04 10.98 -7.27	96.99 10.16 0.00	87.01 8.83 0.00	79.42 8.00 0.00	88.06 8.51 0.00
WHITEPLN_13_KV_LOAD 356215	67.11 3.20 0.00	55.07 2.57 0.00	48.48 2.00 0.00	46.64 1.79 0.00	47.61 1.79 0.00	49.84 1.78 0.00	55.21 1.76 0.00	58.53 2.36 0.00	61.63 2.54 0.00	69.84 2.75 0.00	73.67 3.17 0.00	65.46 2.82 0.00	60.71 2.50 0.00	64.07 2.76 0.00	59.90 2.52 0.00	70.70 2.98 0.00	76.51 4.06 0.00	99.94 5.92 0.00	104.36 6.17 -1.80	97.27 5.81 -0.68	92.56 5.73 0.00	82.95 4.77 0.00	75.64 4.21 0.00	83.21 3.66 0.00
WM_FLOYD_69_KV_BK2 356380	70.83 4.99 -1.92	62.86 3.88 -6.48	65.39 3.21 -15.70	61.59 3.00 -13.75	62.13 3.02 -13.28	62.18 3.12 -10.99	71.31 3.37 -14.49	87.25 3.88 -27.21	86.74 4.14 -23.52	79.05 4.43 -7.53	78.02 4.72 -2.80	75.13 4.20 -8.29	61.87 3.67 0.00	65.35 4.05 0.00	61.10 3.73 0.00	76.54 4.74 -4.08	92.90 5.94 -14.51	114.57 8.46 -12.10	106.54 8.68 -1.47	104.29 7.63 -5.88	98.65 7.38 -4.44	92.23 6.10 -7.96	81.54 5.57 -4.54	84.16 4.61 0.00
WOODARD___115KV_TB2 355635	62.00 -1.92 0.00	50.87 -1.63 0.00	45.18 -1.30 0.00	43.63 -1.21 0.00	44.63 -1.19 0.00	46.86 -1.20 0.00	52.17 -1.28 0.00	54.71 -1.46 0.00	57.49 -1.60 0.00	65.48 -1.61 0.00	68.81 -1.69 0.00	61.14 -1.50 0.00	56.81 -1.40 0.00	59.90 -1.41 0.00	56.00 -1.38 0.00	66.23 -1.49 0.00	71.07 -1.38 0.00	92.51 -1.50 0.00	94.95 -1.45 0.00	89.15 -1.63 0.00	85.10 -1.74 0.00	76.30 -1.88 0.00	69.85 -1.57 0.00	77.72 -1.83 0.00
YORK___WARBASSE 23770	66.47 2.56 0.00	54.70 2.20 0.00	51.54 2.00 -3.06	51.51 1.79 -4.88	51.53 1.74 -3.96	51.41 1.68 -1.66	54.73 1.28 0.00	57.96 1.80 0.00	61.27 2.19 0.00	69.57 2.48 0.00	73.39 2.89 0.00	65.34 2.69 0.00	60.65 2.44 0.00	63.94 2.64 0.00	59.79 2.41 0.00	70.36 2.64 0.00	87.21 3.84 -10.92	112.79 5.36 -13.42	122.58 5.78 -20.39	110.67 5.45 -14.44	110.73 5.38 -18.51	98.23 4.46 -15.59	82.29 3.86 -7.01	82.41 2.86 0.00