

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										02/04/2025			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
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		84.47	84.45	51.48	56.31	59.09	87.26	81.83	95.69	63.92	59.93	64.64	102.85	110.22	100.38	104.04	101.90	84.81	107.10	97.96	58.70	65.15	53.53	67.38	62.63
24138		3.23	3.03	1.71	1.72	1.83	2.94	3.66	5.53	3.82	3.21	3.26	4.70	4.78	4.81	5.24	5.82	5.91	8.43	7.49	4.81	4.84	3.63	3.73	3.30
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-3.42	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		84.38	84.36	51.43	56.29	59.06	87.19	81.75	95.37	63.65	59.67	64.36	102.40	109.78	99.95	103.60	101.50	84.45	106.68	97.63	58.55	65.00	53.40	67.22	62.53
24260		3.14	2.94	1.66	1.71	1.80	2.87	3.58	5.21	3.55	2.95	2.99	4.26	4.36	4.38	4.81	5.43	5.55	8.02	7.16	4.65	4.69	3.50	3.58	3.20
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-3.42	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		84.38	84.36	51.43	56.29	59.06	87.19	81.75	95.37	63.65	59.67	64.36	102.40	109.78	99.95	103.60	101.50	84.45	106.68	97.63	58.55	65.00	53.40	67.22	62.53
24261		3.14	2.94	1.66	1.71	1.80	2.87	3.58	5.21	3.55	2.95	2.99	4.26	4.36	4.38	4.81	5.43	5.55	8.02	7.16	4.65	4.69	3.50	3.58	3.20
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-3.42	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		87.52	87.55	53.46	58.70	61.72	90.57	84.70	98.54	65.74	61.47	66.34	105.36	112.92	102.71	106.45	104.49	86.76	111.19	100.99	59.85	66.56	54.87	69.53	64.81
24011		6.28	6.13	3.70	4.11	4.46	6.25	6.52	8.38	5.64	4.75	4.96	7.21	7.48	7.14	7.66	8.42	7.86	11.06	9.63	5.96	6.25	4.98	5.89	5.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.31	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY		88.02	88.03	53.75	59.01	62.05	91.03	85.32	99.36	66.35	61.96	66.89	106.05	113.49	103.33	107.13	105.32	87.51	112.35	101.97	60.52	67.25	55.35	70.11	65.34
23798		6.78	6.61	3.98	4.42	4.79	6.71	7.15	9.20	6.24	5.24	5.52	7.91	8.06	7.76	8.33	9.25	8.61	12.21	10.59	6.63	6.94	5.46	6.46	6.01
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.62	-4.31	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS		87.52	87.55	53.46	58.70	61.72	90.57	84.70	98.54	65.74	61.47	66.34	105.36	112.92	102.71	106.45	104.49	86.76	111.19	100.99	59.85	66.56	54.87	69.53	64.81
24028		6.28	6.13	3.70	4.11	4.46	6.25	6.52	8.38	5.64	4.75	4.96	7.21	7.48	7.14	7.66	8.42	7.86	11.06	9.63	5.96	6.25	4.98	5.89	5.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.31	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM		86.10	86.17	52.60	57.76	60.65	88.51	82.11	95.58	63.73	59.78	64.53	102.73	110.34	100.75	104.40	101.85	84.05	107.10	97.79	57.94	64.63	53.44	67.77	63.28
23527		4.87	4.75	2.83	3.17	3.38	4.19	3.93	5.42	3.62	3.07	3.15	4.59	4.90	5.18	5.60	5.78	5.15	7.44	6.58	4.05	4.32	3.54	4.13	3.95
		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	-1.14	-4.15	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP		83.23	83.39	50.91	55.89	58.63	85.83	79.75	92.16	61.53	57.90	62.44	99.42	106.76	97.36	100.52	97.66	80.53	101.69	93.40	55.14	61.48	50.94	64.73	60.88
24190		1.99	1.96	1.15	1.30	1.37	1.51	1.57	2.00	1.43	1.18	1.07	1.27	1.33	1.79	1.72	1.59	1.63	2.42	2.18	1.24	1.17	1.05	1.09	1.56
		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	-0.75	-4.17	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK		82.51	82.67	50.60	55.54	58.07	85.56	78.95	90.41	60.02	57.11	62.03	99.52	107.26	96.67	99.51	96.24	78.35	96.43	85.05	52.39	59.20	49.51	63.87	59.53
355683		1.27	1.25	0.83	0.96	0.81	1.24	0.78	0.25	-0.09	0.39	0.66	1.37	1.83	1.10	0.71	0.17	-0.55	-2.09	-2.00	-1.50	-1.11	-0.38	0.22	0.20
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		86.09	86.45	52.85	58.03	60.94	89.28	82.87	95.73	63.74	59.44	63.57	100.70	108.35	99.17	102.03	100.01	83.56	105.90	97.21	57.47	64.05	53.02	67.41	63.43
323833		4.85	5.03	3.08	3.44	3.68	4.96	4.69	5.57	3.63	2.71	2.20	2.56	2.91	3.60	3.24	3.94	4.66	6.78	6.09	3.58	3.74	3.12	3.76	4.10
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-4.06	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR		86.09	86.44	52.83	58.03	60.93	89.26	82.86	95.72	63.74	59.42	63.57	100.70	108.33	99.15	102.03	100.01	83.54	105.89	97.21	57.47	64.04	53.01	67.40	63.43
323834		4.85	5.01	3.07	3.44	3.67	4.94	4.68	5.56	3.63	2.70	2.20	2.56	2.90	3.58	3.23	3.94	4.64	6.78	6.09	3.58	3.74	3.12	3.75	4.10
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-4.06	0.00	0.00	0.00	0.00	0.00
ALBANY___1		83.23	83.39	50.91	55.89	58.63	85.83	79.75	92.16	61.53	57.90	62.44	99.42	106.76	97.36	100.52	97.66	80.53	101.69	93.40	55.14	61.48	50.94	64.73	60.88
23571		1.99	1.96	1.15	1.30	1.37	1.51	1.57	2.00	1.43	1.18	1.07	1.27	1.33	1.79	1.72	1.59	1.63	2.42	2.18	1.24	1.17	1.05	1.09	1.56
		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	-0.75	-4.17	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.43 0.00	57.90 1.18 0.00	62.44 1.07 0.00	99.42 1.27 0.00	106.76 1.33 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.59 0.00	80.53 1.63 0.00	101.69 2.42 -0.75	93.40 2.18 -4.17	55.14 1.24 0.00	61.48 1.17 0.00	50.94 1.05 0.00	64.73 1.09 0.00	60.88 1.56 0.00
ALBANY___3 23573	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.43 0.00	57.90 1.18 0.00	62.44 1.07 0.00	99.42 1.27 0.00	106.76 1.33 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.59 0.00	80.53 1.63 0.00	101.69 2.42 -0.75	93.40 2.18 -4.17	55.14 1.24 0.00	61.48 1.17 0.00	50.94 1.05 0.00	64.73 1.09 0.00	60.88 1.56 0.00
ALBANY___4 23574	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.43 0.00	57.90 1.18 0.00	62.44 1.07 0.00	99.42 1.27 0.00	106.76 1.33 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.59 0.00	80.53 1.63 0.00	101.69 2.42 -0.75	93.40 2.18 -4.17	55.14 1.24 0.00	61.48 1.17 0.00	50.94 1.05 0.00	64.73 1.09 0.00	60.88 1.56 0.00
ALBANY___LFGE 323615	83.86 2.62 0.00	83.98 2.56 0.00	51.27 1.50 0.00	56.28 1.70 0.00	59.06 1.80 0.00	86.49 2.17 0.00	80.41 2.23 0.00	93.01 2.85 0.00	62.09 1.99 0.00	58.41 1.69 0.00	62.99 1.62 0.00	100.37 2.22 0.00	107.80 2.37 0.00	98.26 2.69 0.00	101.49 2.70 0.00	98.77 2.70 0.00	81.53 2.63 0.00	103.31 3.77 -1.03	94.62 3.35 -4.21	55.86 1.97 0.00	62.26 1.95 0.00	51.54 1.65 0.00	65.47 1.82 0.00	61.46 2.13 0.00
ALCOA_PA_115KV_PL-6C 55860	82.92 1.68 0.00	83.04 1.62 0.00	50.83 1.06 0.00	55.91 1.32 0.00	58.30 1.04 0.00	85.85 1.53 0.00	79.24 1.06 0.00	90.75 0.59 0.00	60.22 0.11 0.00	57.36 0.64 0.00	62.27 0.90 0.00	99.96 1.82 0.00	108.11 2.68 0.00	97.04 1.47 0.00	99.89 1.09 0.00	96.55 0.48 0.00	78.55 -0.35 0.00	96.89 -1.63 0.00	85.22 -1.84 0.00	52.78 -1.11 0.00	59.72 -0.59 0.00	49.72 -0.17 0.00	64.19 0.54 0.00	59.86 0.53 0.00
ALCOA_RYNLDS___DRP 24188	82.92 1.68 0.00	83.04 1.62 0.00	50.83 1.06 0.00	55.91 1.32 0.00	58.30 1.04 0.00	85.85 1.53 0.00	79.24 1.06 0.00	90.75 0.59 0.00	60.22 0.11 0.00	57.36 0.64 0.00	62.27 0.90 0.00	99.96 1.82 0.00	108.11 2.68 0.00	97.04 1.47 0.00	99.89 1.09 0.00	96.55 0.48 0.00	78.55 -0.35 0.00	96.89 -1.63 0.00	85.22 -1.84 0.00	52.78 -1.11 0.00	59.72 -0.59 0.00	49.72 -0.17 0.00	64.19 0.54 0.00	59.86 0.53 0.00
ALCOA___DSASP 323711	82.92 1.68 0.00	83.04 1.62 0.00	50.83 1.06 0.00	55.91 1.32 0.00	58.30 1.04 0.00	85.85 1.53 0.00	79.23 1.06 0.00	90.75 0.59 0.00	60.22 0.11 0.00	57.36 0.64 0.00	62.27 0.90 0.00	99.96 1.82 0.00	108.11 2.68 0.00	97.04 1.47 0.00	99.89 1.10 0.00	96.55 0.48 0.00	78.56 -0.34 0.00	96.88 -1.63 0.00	85.22 -1.84 0.00	52.78 -1.11 0.00	59.73 -0.59 0.00	49.72 -0.17 0.00	64.19 0.54 0.00	59.86 0.53 0.00
ALLEGHENY___COGEN 23514	78.10 -3.10 0.05	78.32 -3.10 0.00	48.19 -1.58 0.00	52.85 -1.74 0.00	55.67 -1.59 0.00	83.21 -1.11 0.00	76.98 -1.19 0.00	88.69 -1.47 0.00	59.78 -0.33 0.00	56.25 -0.47 0.00	58.30 -3.08 0.00	93.45 -4.69 0.00	100.01 -5.42 0.00	90.21 -5.36 0.00	93.50 -5.30 0.00	91.92 -4.15 0.00	76.35 -2.55 0.00	96.69 -1.83 0.00	86.57 -1.14 -0.66	53.57 -0.33 0.00	59.59 -0.72 0.00	49.18 -0.72 0.00	62.17 -1.48 0.00	57.62 -1.71 0.00
ALTAMONT_115KV_TB 2 55880	83.40 2.16 0.00	83.61 2.19 0.00	51.05 1.29 0.00	56.01 1.42 0.00	58.77 1.51 0.00	86.15 1.84 0.00	80.09 1.91 0.00	92.81 2.65 0.00	61.92 1.81 0.00	58.18 1.46 0.00	62.79 1.41 0.00	100.18 2.04 0.00	107.60 2.17 0.00	97.88 2.31 0.00	101.29 2.50 0.00	98.66 2.59 0.00	81.50 2.60 0.00	102.95 3.83 -0.60	94.71 3.48 -4.16	56.00 2.11 0.00	62.44 2.13 0.00	51.59 1.70 0.00	65.50 1.85 0.00	61.25 1.93 0.00
ALTONA_WT_PWR 323606	82.62 1.38 0.00	82.84 1.42 0.00	50.50 0.73 0.00	55.35 0.76 0.00	57.71 0.45 0.00	84.49 0.17 0.00	78.70 0.52 0.00	90.33 0.17 0.00	59.57 -0.54 0.00	56.25 -0.47 0.00	60.88 -0.50 0.00	97.56 -0.58 0.00	104.86 -0.57 0.00	94.91 -0.66 0.00	97.47 -1.32 0.00	94.45 -1.62 0.00	77.40 -1.50 0.00	95.96 -2.56 0.00	84.55 -2.51 0.00	52.17 -1.72 0.00	59.09 -1.22 0.00	49.09 -0.81 0.00	63.26 -0.38 0.00	59.34 0.01 0.00
AMERICAN_REF_FUEL 24010	73.38 -7.54 0.32	74.02 -7.40 0.00	45.61 -4.16 0.00	50.08 -4.51 0.00	52.67 -4.59 0.00	79.04 -5.28 0.00	71.47 -6.71 0.00	81.52 -8.64 0.00	55.22 -4.89 0.00	52.67 -4.05 0.00	56.44 -4.93 0.00	89.81 -8.33 0.00	96.08 -9.35 0.00	86.59 -8.98 0.00	89.62 -9.18 0.00	87.32 -8.75 0.00	70.82 -8.08 0.00	87.87 -10.64 0.00	78.41 -9.24 -0.59	48.42 -5.47 0.00	54.15 -6.17 0.00	45.03 -4.87 0.00	57.13 -6.51 0.00	53.28 -6.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.86 -4.00 0.38	77.45 -3.97 0.00	47.67 -2.10 0.00	52.30 -2.29 0.00	55.02 -2.24 0.00	82.70 -1.62 0.00	75.68 -2.50 0.00	86.74 -3.42 0.00	58.66 -1.45 0.00	56.31 -0.41 0.00	59.64 -1.74 0.00	94.95 -3.20 0.00	101.07 -4.36 0.00	90.87 -4.70 0.00	94.08 -4.72 0.00	91.71 -4.36 0.00	74.95 -3.95 0.00	93.86 -4.66 0.00	83.79 -3.91 -0.65	51.77 -2.13 0.00	57.70 -2.61 0.00	47.90 -1.99 0.00	60.70 -2.94 0.00	56.37 -2.96 0.00
ARTHUR KILL_GT_1 23520	83.18 1.95 0.00	83.19 1.77 0.00	50.69 0.92 0.00	55.41 0.82 0.00	58.09 0.84 0.01	38.34 1.53 47.51	-53.97 2.45 134.60	93.99 3.83 0.01	62.74 2.64 0.01	31.05 2.11 27.78	63.44 2.07 0.00	98.66 2.57 2.06	68.92 2.56 39.07	74.90 2.80 23.47	82.08 3.28 19.99	86.12 3.96 13.91	78.68 4.47 4.68	97.21 6.96 8.27	99.80 6.00 -6.74	157.64 4.25 -99.49	62.08 4.24 2.47	58.19 3.05 -5.25	68.29 3.04 -1.61	62.09 2.70 -0.06
ARTHUR_KILL_2 23512	82.94 1.71 0.00	82.97 1.55 0.00	50.55 0.78 0.00	55.24 0.66 0.00	57.93 0.68 0.01	38.09 1.27 47.51	-54.21 2.21 134.60	93.71 3.56 0.01	62.56 2.46 0.01	30.89 1.95 27.78	63.28 1.90 0.00	98.42 2.33 2.06	68.68 2.32 39.07	74.68 2.58 23.47	81.82 3.02 19.99	85.86 3.69 13.91	78.44 4.22 4.68	96.87 6.62 8.27	99.49 5.69 -6.74	157.44 4.06 -99.49	61.85 4.01 2.47	58.03 2.88 -5.25	68.08 2.82 -1.61	61.90 2.52 -0.06
ARTHUR_KILL_3 23513	53.87 2.10 29.47	54.13 1.91 29.20	50.86 1.09 0.00	55.29 1.00 0.30	52.74 1.05 5.57	56.99 1.76 29.09	58.17 2.47 22.48	93.51 3.97 0.62	62.13 2.70 0.68	58.34 2.11 0.49	61.74 2.06 1.69	95.68 2.75 5.21	64.01 2.67 44.09	58.09 2.87 40.35	59.84 3.20 42.15	59.19 3.89 40.77	61.07 4.32 22.15	66.75 6.47 38.24	58.09 5.88 34.85	58.09 3.83 -0.37	58.85 3.77 5.24	58.09 2.75 -5.45	67.44 2.65 -1.15	61.75 2.36 -0.06

ARTHUR_KILL_COGEN 323718	83.18 1.95 0.00	83.19 1.77 0.00	50.69 0.92 0.00	55.41 0.82 0.00	58.09 0.84 0.01	38.34 1.53 47.51	-53.97 2.45 134.60	93.99 3.83 0.01	62.74 2.64 0.01	31.05 2.11 27.78	63.44 2.07 0.00	98.66 2.57 2.06	68.92 2.56 39.07	74.90 2.80 23.47	82.08 3.28 19.99	86.12 3.96 13.91	78.68 4.47 4.68	97.21 6.96 8.27	99.80 6.00 -6.74	157.64 4.25 -99.49	62.08 4.24 2.47	58.19 3.05 -5.25	68.29 3.04 -1.61	62.09 2.70 -0.06
ASHOKAN____ 23654	85.43 4.20 0.00	85.54 4.12 0.00	52.18 2.41 0.00	57.26 2.67 0.00	60.14 2.88 0.00	88.43 4.11 0.00	82.45 4.27 0.00	95.71 5.56 0.00	63.90 3.79 0.00	59.97 3.25 0.00	64.89 3.52 0.00	103.01 4.87 0.00	110.58 5.15 0.00	101.08 5.51 0.00	105.04 6.24 0.00	102.25 6.18 0.00	85.06 6.16 0.00	108.04 9.09 -0.44	99.22 8.35 -3.81	59.07 5.17 0.00	65.71 5.40 0.00	54.06 4.17 0.00	68.39 4.75 0.00	63.93 4.60 0.00
ASTORIA_EAST_ENERGY_CC1 323581	83.69 2.45 0.00	83.74 2.32 0.00	51.00 1.23 0.00	55.75 1.17 0.00	58.50 1.24 0.00	86.43 2.11 0.00	81.10 2.92 0.00	94.43 4.27 0.00	63.09 2.98 0.00	59.10 2.38 0.00	63.79 2.42 0.00	101.40 3.25 0.00	108.75 3.32 0.00	99.00 3.42 0.00	102.60 3.81 0.00	100.53 4.46 0.00	83.72 4.82 0.00	105.78 7.11 -0.15	96.85 6.37 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	52.98 3.09 0.00	66.69 3.05 0.00	62.08 2.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	83.69 2.45 0.00	83.74 2.32 0.00	51.00 1.23 0.00	55.75 1.17 0.00	58.50 1.24 0.00	86.43 2.11 0.00	81.10 2.92 0.00	94.43 4.27 0.00	63.09 2.98 0.00	59.10 2.38 0.00	63.79 2.42 0.00	101.40 3.25 0.00	108.75 3.32 0.00	99.00 3.42 0.00	102.60 3.81 0.00	100.53 4.46 0.00	83.72 4.82 0.00	105.78 7.11 -0.15	96.85 6.37 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	52.98 3.09 0.00	66.69 3.05 0.00	62.08 2.75 0.00
ASTORIA_GT2_1 24094	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT2_2 24095	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT2_3 24096	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT2_4 24097	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT3_1 24098	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT3_2 24099	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT3_3 24100	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT3_4 24101	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT4_1 24102	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT4_2 24103	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT4_3 24104	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00

ASTORIA_GT4_4 24105	83.74 2.50 0.00	83.77 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.12 3.01 0.00	59.13 2.41 0.00	63.83 2.45 0.00	101.46 3.32 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.88 0.00	100.57 4.50 0.00	83.75 4.85 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.16 4.26 0.00	64.55 4.25 0.00	53.03 3.13 0.00	66.73 3.08 0.00	62.12 2.79 0.00
ASTORIA_GT_1 23523	83.86 2.63 0.00	83.91 2.48 0.00	51.11 1.34 0.00	55.87 1.28 0.00	58.63 1.37 0.00	86.61 2.29 0.00	81.30 3.12 0.00	94.70 4.54 0.00	63.23 3.12 0.00	59.23 2.51 0.00	63.96 2.58 0.00	101.68 3.53 0.00	109.05 3.62 0.00	99.25 3.68 0.00	102.89 4.09 0.00	100.79 4.71 0.00	83.94 5.04 0.00	106.06 7.39 -0.15	97.11 6.63 -3.42	58.29 4.40 0.00	64.68 4.37 0.00	53.12 3.22 0.00	66.86 3.22 0.00	62.24 2.91 0.00
ASTORIA_GT_10 24110	83.87 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.30 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.86 2.48 0.00	101.54 3.40 0.00	108.86 3.42 0.00	99.11 3.55 0.00	102.75 3.95 0.00	100.65 4.57 0.00	83.80 4.90 0.00	105.93 7.26 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.21 0.00	66.75 3.11 0.00	62.07 2.74 0.00
ASTORIA_GT_11 24225	83.87 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.30 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.86 2.48 0.00	101.54 3.40 0.00	108.86 3.42 0.00	99.11 3.55 0.00	102.75 3.95 0.00	100.65 4.57 0.00	83.80 4.90 0.00	105.93 7.26 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.21 0.00	66.75 3.11 0.00	62.07 2.74 0.00
ASTORIA_GT_12 24226	83.87 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.30 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.86 2.48 0.00	101.54 3.40 0.00	108.86 3.42 0.00	99.11 3.55 0.00	102.75 3.95 0.00	100.65 4.57 0.00	83.80 4.90 0.00	105.93 7.26 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.21 0.00	66.75 3.11 0.00	62.07 2.74 0.00
ASTORIA_GT_13 24227	83.87 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.30 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.86 2.48 0.00	101.54 3.40 0.00	108.86 3.42 0.00	99.11 3.55 0.00	102.75 3.95 0.00	100.65 4.57 0.00	83.80 4.90 0.00	105.93 7.26 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.21 0.00	66.75 3.11 0.00	62.07 2.74 0.00
ASTORIA_GT_5 24106	83.87 2.63 0.00	83.91 2.49 0.00	51.11 1.35 0.00	55.87 1.28 0.00	58.63 1.37 0.00	86.61 2.29 0.00	81.30 3.12 0.00	94.70 4.54 0.00	63.23 3.13 0.00	59.23 2.51 0.00	63.96 2.59 0.00	101.68 3.54 0.00	109.05 3.62 0.00	99.25 3.68 0.00	102.88 4.09 0.00	100.79 4.71 0.00	83.93 5.03 0.00	106.06 7.39 -0.15	97.11 6.63 -3.42	58.29 4.40 0.00	64.68 4.37 0.00	53.13 3.23 0.00	66.86 3.22 0.00	62.24 2.91 0.00
ASTORIA_GT_7 24107	83.87 2.63 0.00	83.91 2.49 0.00	51.11 1.35 0.00	55.87 1.28 0.00	58.63 1.37 0.00	86.61 2.29 0.00	81.30 3.12 0.00	94.70 4.54 0.00	63.23 3.13 0.00	59.23 2.51 0.00	63.96 2.59 0.00	101.68 3.54 0.00	109.05 3.62 0.00	99.25 3.68 0.00	102.88 4.09 0.00	100.79 4.71 0.00	83.93 5.03 0.00	106.06 7.39 -0.15	97.11 6.63 -3.42	58.29 4.40 0.00	64.68 4.37 0.00	53.13 3.23 0.00	66.86 3.22 0.00	62.24 2.91 0.00
ASTORIA_GT_8 24108	83.87 2.63 0.00	83.91 2.49 0.00	51.11 1.35 0.00	55.87 1.28 0.00	58.63 1.37 0.00	86.61 2.29 0.00	81.30 3.12 0.00	94.70 4.54 0.00	63.23 3.13 0.00	59.23 2.51 0.00	63.96 2.59 0.00	101.68 3.54 0.00	109.05 3.62 0.00	99.25 3.68 0.00	102.88 4.09 0.00	100.79 4.71 0.00	83.93 5.03 0.00	106.06 7.39 -0.15	97.11 6.63 -3.42	58.29 4.40 0.00	64.68 4.37 0.00	53.13 3.23 0.00	66.86 3.22 0.00	62.24 2.91 0.00
ASTORIA___2 24149	83.74 2.50 0.00	83.78 2.35 0.00	51.04 1.28 0.00	55.80 1.21 0.00	58.54 1.28 0.00	86.46 2.14 0.00	81.16 2.98 0.00	94.52 4.36 0.00	63.11 3.01 0.00	59.13 2.41 0.00	63.82 2.45 0.00	101.46 3.31 0.00	108.82 3.39 0.00	99.04 3.47 0.00	102.68 3.89 0.00	100.57 4.50 0.00	83.74 4.84 0.00	105.85 7.18 -0.15	96.92 6.44 -3.42	58.15 4.26 0.00	64.55 4.24 0.00	53.02 3.12 0.00	66.73 3.08 0.00	62.13 2.80 0.00
ASTORIA___3 23516	83.86 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.29 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.85 2.48 0.00	101.53 3.39 0.00	108.84 3.41 0.00	99.11 3.54 0.00	102.75 3.96 0.00	100.65 4.58 0.00	83.81 4.91 0.00	105.92 7.25 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.20 0.00	66.75 3.11 0.00	62.07 2.75 0.00
ASTORIA___4 23517	83.87 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.30 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.86 2.48 0.00	101.54 3.40 0.00	108.86 3.42 0.00	99.11 3.55 0.00	102.75 3.95 0.00	100.65 4.57 0.00	83.80 4.90 0.00	105.93 7.26 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.21 0.00	66.75 3.11 0.00	62.07 2.74 0.00
ASTORIA___5 23518	83.86 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.29 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.85 2.48 0.00	101.53 3.39 0.00	108.84 3.41 0.00	99.11 3.54 0.00	102.75 3.96 0.00	100.65 4.58 0.00	83.81 4.91 0.00	105.92 7.25 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.20 0.00	66.75 3.11 0.00	62.07 2.75 0.00
AST_ENERGY_2_CC3 323677	83.51 2.27 0.00	83.50 2.08 0.00	50.92 1.15 0.00	55.71 1.12 0.00	58.43 1.17 0.00	86.25 1.93 0.00	80.84 2.66 0.00	94.32 4.16 0.00	62.96 2.86 0.00	58.99 2.27 0.00	63.67 2.30 0.00	101.27 3.12 0.00	108.55 3.12 0.00	98.91 3.34 0.00	102.47 3.67 0.00	100.43 4.36 0.00	83.63 4.73 0.00	105.60 6.93 -0.15	96.76 6.29 -3.42	58.04 4.15 0.00	64.42 4.11 0.00	52.83 2.94 0.00	66.53 2.89 0.00	62.02 2.69 0.00
AST_ENERGY_2_CC4 323678	83.51 2.27 0.00	83.50 2.08 0.00	50.92 1.15 0.00	55.71 1.12 0.00	58.43 1.17 0.00	86.25 1.93 0.00	80.84 2.66 0.00	94.32 4.16 0.00	62.96 2.86 0.00	58.99 2.27 0.00	63.67 2.30 0.00	101.27 3.12 0.00	108.55 3.12 0.00	98.91 3.34 0.00	102.47 3.67 0.00	100.43 4.36 0.00	83.63 4.73 0.00	105.60 6.93 -0.15	96.76 6.29 -3.42	58.04 4.15 0.00	64.42 4.11 0.00	52.83 2.94 0.00	66.53 2.89 0.00	62.02 2.69 0.00

ATHENS_STG_1 23668	83.38 2.14 0.00	83.64 2.22 0.00	51.04 1.27 0.00	55.95 1.36 0.00	58.70 1.44 0.00	86.10 1.78 0.00	80.16 1.99 0.00	93.15 2.99 0.00	62.16 2.05 0.00	58.32 1.59 0.00	63.00 1.63 0.00	100.62 2.47 0.00	107.99 2.56 0.00	98.20 2.63 0.00	101.74 2.94 0.00	99.23 3.16 0.00	82.08 3.18 0.00	103.36 4.72 -0.11	95.06 4.25 -3.75	56.57 2.68 0.00	63.01 2.70 0.00	51.96 2.07 0.00	65.81 2.17 0.00	61.43 2.10 0.00
ATHENS_STG_2 23670	83.38 2.14 0.00	83.64 2.22 0.00	51.04 1.27 0.00	55.95 1.36 0.00	58.70 1.44 0.00	86.10 1.78 0.00	80.16 1.99 0.00	93.15 2.99 0.00	62.16 2.05 0.00	58.32 1.59 0.00	63.00 1.63 0.00	100.62 2.47 0.00	107.99 2.56 0.00	98.20 2.63 0.00	101.74 2.94 0.00	99.23 3.16 0.00	82.08 3.18 0.00	103.36 4.72 -0.11	95.06 4.25 -3.75	56.57 2.68 0.00	63.01 2.70 0.00	51.96 2.07 0.00	65.81 2.17 0.00	61.43 2.10 0.00
ATHENS_STG_3 23677	83.38 2.14 0.00	83.64 2.22 0.00	51.04 1.27 0.00	55.95 1.36 0.00	58.70 1.44 0.00	86.10 1.78 0.00	80.16 1.99 0.00	93.15 2.99 0.00	62.16 2.05 0.00	58.32 1.59 0.00	63.00 1.63 0.00	100.62 2.47 0.00	107.99 2.56 0.00	98.20 2.63 0.00	101.74 2.94 0.00	99.23 3.16 0.00	82.08 3.18 0.00	103.36 4.72 -0.11	95.06 4.25 -3.75	56.57 2.68 0.00	63.01 2.70 0.00	51.96 2.07 0.00	65.81 2.17 0.00	61.43 2.10 0.00
AUBURN___LFGE 323710	79.46 -1.78 0.00	79.87 -1.55 0.00	48.78 -0.99 0.00	53.65 -0.94 0.00	56.41 -0.85 0.00	83.32 -1.00 0.00	77.69 -0.49 0.00	89.38 -0.78 0.00	59.79 -0.32 0.00	56.24 -0.48 0.00	60.83 -0.54 0.00	97.11 -1.04 0.00	103.47 -1.96 0.00	94.21 -1.36 0.00	97.79 -1.01 0.00	95.38 -0.69 0.00	78.55 -0.35 0.00	98.73 0.21 0.00	87.57 0.00 -0.51	54.17 0.28 0.00	60.15 -0.16 0.00	49.61 -0.28 0.00	62.94 -0.71 0.00	58.77 -0.57 0.00
BABYLON_RES_REC 323704	85.45 4.22 0.00	85.47 4.05 0.00	51.87 2.10 0.00	56.81 2.22 0.00	59.65 2.39 0.00	88.24 3.92 0.00	82.88 4.70 0.00	96.58 6.42 0.00	64.27 4.16 0.00	59.88 3.16 0.00	64.55 3.18 0.00	102.50 4.36 0.00	110.00 4.57 0.00	100.10 4.53 0.00	103.94 5.14 0.00	102.17 6.10 0.00	85.48 6.58 0.00	108.13 9.46 -0.15	98.79 8.31 -3.42	69.26 5.64 -9.72	66.02 5.71 0.00	54.24 4.29 -0.05	67.95 4.27 -0.03	73.05 3.97 -9.75
BABYLON__69_KV_BK2 356345	86.22 4.98 0.00	86.25 4.83 0.00	52.31 2.54 0.00	57.32 2.74 0.00	60.17 2.91 0.00	89.12 4.80 0.00	83.72 5.55 0.00	97.49 7.33 0.00	64.90 4.80 0.00	60.40 3.68 0.00	65.07 3.69 0.00	103.39 5.24 0.00	110.98 5.55 0.00	101.02 5.45 0.00	104.89 6.10 0.00	103.20 7.13 0.00	86.40 7.50 0.00	109.39 10.72 -0.15	99.91 9.44 -3.42	69.96 6.35 -9.72	66.75 6.44 0.00	54.82 4.88 -0.05	68.63 4.96 -0.03	72.78 4.60 -8.84
BALL_HILL_WT_PWR 323825	76.02 -4.88 0.34	76.58 -4.84 0.00	47.15 -2.62 0.00	51.71 -2.88 0.00	54.40 -2.86 0.00	81.66 -2.66 0.00	74.54 -3.64 0.00	85.34 -4.82 0.00	57.75 -2.36 0.00	55.25 -1.48 0.00	58.72 -2.65 0.00	93.46 -4.68 0.00	99.66 -5.77 0.00	89.78 -5.79 0.00	92.95 -5.84 0.00	90.58 -5.49 0.00	73.92 -4.98 0.00	92.44 -6.08 0.00	82.52 -5.17 -0.63	50.95 -2.94 0.00	56.85 -3.46 0.00	47.20 -2.69 0.00	59.85 -3.80 0.00	55.62 -3.70 0.00
BARON_WINDS___WT_PWR 323822	77.71 -3.65 -0.12	77.91 -3.51 0.00	47.82 -1.94 0.00	52.42 -2.17 0.00	55.07 -2.19 0.00	81.99 -2.33 0.00	75.80 -2.38 0.00	87.26 -2.90 0.00	58.63 -1.48 0.00	55.01 -1.72 0.00	58.93 -2.44 0.00	93.50 -4.64 0.00	99.80 -5.63 0.00	90.33 -5.24 0.00	93.76 -5.04 0.00	91.15 -4.92 0.00	75.19 -3.71 0.00	95.06 -3.50 -0.05	84.86 -3.01 -0.82	52.41 -1.48 0.00	58.37 -1.94 0.00	48.17 -1.73 0.00	61.24 -2.41 0.00	57.15 -2.18 0.00
BARRETT_IC_1 23704	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_10 23701	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_11 23702	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_12 23703	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_2 23705	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_3 23706	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_4 23707	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46

BARRETT_IC_5 23708	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_6 23709	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_7 23710	84.60 3.36 0.00	84.63 3.20 0.00	51.40 1.63 0.00	56.27 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.15 0.00	63.46 3.36 0.00	59.35 2.63 0.00	64.10 2.72 0.00	101.80 3.65 0.00	109.08 3.64 0.00	99.27 3.70 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.80 4.91 0.00	105.90 7.23 -0.15	96.94 6.47 -3.42	68.07 4.46 -9.72	64.83 4.52 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_8 23711	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT_IC_9 23700	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT___1 23545	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BARRETT___2 23546	84.60 3.36 0.00	84.62 3.20 0.00	51.40 1.63 0.00	56.26 1.68 0.00	59.06 1.80 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.31 5.14 0.00	63.46 3.35 0.00	59.35 2.63 0.00	64.09 2.72 0.00	101.80 3.65 0.00	109.07 3.64 0.00	99.28 3.71 0.00	103.12 4.32 0.00	100.92 4.85 0.00	83.81 4.91 0.00	105.90 7.23 -0.15	96.95 6.47 -3.42	68.07 4.45 -9.72	64.84 4.53 0.00	53.52 3.58 -0.05	67.72 3.65 -0.42	189.32 3.53 -126.46
BATAVIA___115KV_TB1 55881	77.29 -3.95 0.00	77.50 -3.92 0.00	47.67 -2.10 0.00	52.32 -2.27 0.00	55.09 -2.17 0.00	82.71 -1.61 0.00	75.58 -2.59 0.00	86.69 -3.46 0.00	58.60 -1.51 0.00	55.66 -1.06 0.00	59.55 -1.82 0.00	94.80 -3.34 0.00	101.49 -3.94 0.00	91.25 -4.32 0.00	94.54 -4.25 0.00	92.49 -3.58 0.00	75.51 -3.40 0.00	94.37 -4.15 0.00	84.14 -3.47 -0.55	51.91 -1.98 0.00	57.91 -2.40 0.00	47.94 -1.96 0.00	60.65 -3.00 0.00	56.28 -3.05 0.00
BAYONEEC___CTG1 323682	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG10 323750	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG2 323683	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG3 323684	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG4 323685	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG5 323686	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG6 323687	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00

BAYONEEC___CTG7 323688	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG8 323689	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BAYONEEC___CTG9 323749	83.74 2.50 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.86 1.27 0.00	58.59 1.34 0.00	86.49 2.17 0.00	81.05 2.88 0.00	94.59 4.43 0.00	63.14 3.03 0.00	59.15 2.43 0.00	63.75 2.38 0.00	93.28 3.28 8.15	98.35 3.30 10.38	81.32 3.43 17.69	57.43 3.79 45.15	57.41 4.47 43.12	70.91 4.79 12.79	92.50 7.04 13.06	53.44 6.34 39.96	57.62 4.15 0.42	64.38 4.12 0.06	52.84 3.02 0.08	66.64 3.00 0.00	62.02 2.69 0.00
BEACON___LESR 323632	84.17 2.93 0.00	84.28 2.86 0.00	51.41 1.64 0.00	56.50 1.91 0.00	59.23 1.97 0.00	86.94 2.62 0.00	81.08 2.90 0.00	93.54 3.38 0.00	62.44 2.33 0.00	58.63 1.91 0.00	63.10 1.72 0.00	100.43 2.28 0.00	107.46 2.03 0.00	98.27 2.70 0.00	101.85 3.05 0.00	99.12 3.05 0.00	81.61 2.71 0.00	103.74 4.46 -0.76	95.31 4.09 -4.16	56.37 2.48 0.00	62.70 2.39 0.00	51.86 1.97 0.00	65.89 2.25 0.00	61.90 2.57 0.00
BEAVER RIVER___HYD 24048	83.65 2.41 0.00	82.83 1.41 0.00	50.39 0.63 0.00	55.82 1.23 0.00	58.69 1.43 0.00	86.73 2.41 0.00	81.32 3.14 0.00	93.63 3.47 0.00	62.09 1.99 0.00	58.13 1.41 0.00	61.92 0.55 0.00	100.64 2.50 0.00	107.80 2.37 0.00	96.58 1.01 0.00	99.53 0.73 0.00	97.98 1.91 0.00	81.24 2.34 0.00	102.03 3.52 0.00	90.28 3.07 -0.15	56.00 2.11 0.00	62.91 2.60 0.00	51.93 2.04 0.00	66.14 2.50 0.00	61.40 2.07 0.00
BEEBEE_GT_13 23619	77.19 -4.04 0.00	77.37 -4.06 0.00	47.47 -2.30 0.00	52.09 -2.50 0.00	54.81 -2.45 0.00	81.82 -2.50 0.00	75.24 -2.93 0.00	86.47 -3.69 0.00	58.18 -1.93 0.00	55.15 -1.57 0.00	59.29 -2.08 0.00	94.58 -3.56 0.00	101.42 -4.01 0.00	91.71 -3.86 0.00	94.99 -3.81 0.00	92.59 -3.48 0.00	75.81 -3.09 0.00	94.79 -3.73 0.00	84.37 -3.17 -0.48	52.03 -1.86 0.00	58.08 -2.22 0.00	48.02 -1.88 0.00	60.84 -2.81 0.00	56.49 -2.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	84.33 3.09 0.00	84.30 2.88 0.00	51.36 1.59 0.00	56.17 1.58 0.00	58.89 1.64 0.00	87.05 2.73 0.00	81.71 3.54 0.00	95.26 5.10 0.00	63.60 3.50 0.00	59.65 2.93 0.00	64.31 2.93 0.00	102.24 4.10 0.00	109.62 4.19 0.00	99.85 4.28 0.00	103.53 4.73 0.00	101.41 5.34 0.00	84.48 5.58 0.00	170.10 8.26 -63.33	139.51 7.30 -45.15	273.73 4.92 -214.92	104.08 4.98 -38.79	58.86 3.72 -5.25	69.04 3.78 -1.61	62.73 3.35 -0.06
BETHLEHEM___GRP 23843	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.43 0.00	57.90 1.18 0.00	62.44 1.07 0.00	99.42 1.27 0.00	106.76 1.33 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.59 0.00	80.53 1.63 0.00	101.69 2.42 -0.75	93.40 2.18 -4.17	55.14 1.24 0.00	61.48 1.17 0.00	50.94 1.05 0.00	64.73 1.09 0.00	60.88 1.56 0.00
BETHLEHEM___GS1 323560	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.42 0.00	57.90 1.18 0.00	62.44 1.06 0.00	99.42 1.27 0.00	106.75 1.32 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.58 0.00	80.53 1.63 0.00	101.68 2.41 -0.75	93.40 2.18 -4.17	55.13 1.24 0.00	61.48 1.18 0.00	50.94 1.04 0.00	64.73 1.09 0.00	60.88 1.55 0.00
BETHLEHEM___GS2 323561	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.42 0.00	57.90 1.18 0.00	62.44 1.06 0.00	99.42 1.27 0.00	106.75 1.32 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.58 0.00	80.53 1.63 0.00	101.68 2.41 -0.75	93.40 2.18 -4.17	55.13 1.24 0.00	61.48 1.18 0.00	50.94 1.04 0.00	64.73 1.09 0.00	60.88 1.55 0.00
BETHLEHEM___GS3 323562	83.23 1.99 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.63 1.37 0.00	85.83 1.51 0.00	79.75 1.57 0.00	92.16 2.00 0.00	61.53 1.42 0.00	57.90 1.18 0.00	62.44 1.06 0.00	99.42 1.27 0.00	106.75 1.32 0.00	97.36 1.79 0.00	100.52 1.72 0.00	97.66 1.58 0.00	80.53 1.63 0.00	101.68 2.41 -0.75	93.40 2.18 -4.17	55.13 1.24 0.00	61.48 1.18 0.00	50.94 1.04 0.00	64.73 1.09 0.00	60.88 1.55 0.00
BETHLEHEM___STEEL 23779	76.11 -5.13 0.00	76.32 -5.11 0.00	46.98 -2.79 0.00	51.53 -3.06 0.00	54.21 -3.05 0.00	81.35 -2.97 0.00	74.21 -3.96 0.00	84.89 -5.27 0.00	57.53 -2.58 0.00	54.93 -1.79 0.00	58.51 -2.87 0.00	93.22 -4.93 0.00	99.47 -5.96 0.00	89.74 -5.83 0.00	92.98 -5.82 0.00	90.58 -5.49 0.00	73.83 -5.08 0.00	92.12 -6.39 0.00	82.19 -5.50 -0.63	50.70 -3.19 0.00	56.65 -3.66 0.00	46.97 -2.92 0.00	59.60 -4.05 0.00	55.38 -3.95 0.00
BETHLHEM_115KV_TB1 79974	83.21 1.98 0.00	83.39 1.96 0.00	50.91 1.15 0.00	55.89 1.30 0.00	58.62 1.36 0.00	85.85 1.52 0.00	79.77 1.59 0.00	92.23 2.07 0.00	61.57 1.47 0.00	57.92 1.21 0.00	62.48 1.10 0.00	99.52 1.38 0.00	106.90 1.47 0.00	97.43 1.86 0.00	100.63 1.83 0.00	97.81 1.74 0.00	80.69 1.79 0.00	101.88 2.65 -0.71	93.64 2.42 -4.16	55.29 1.40 0.00	61.65 1.34 0.00	51.05 1.16 0.00	64.86 1.21 0.00	60.93 1.60 0.00
BETHPAGE_CC_5 323564	84.84 3.60 0.00	84.95 3.53 0.00	51.56 1.79 0.00	56.46 1.87 0.00	59.26 2.00 0.00	87.55 3.23 0.00	82.18 4.01 0.00	95.79 5.63 0.00	63.79 3.68 0.00	59.45 2.73 0.00	64.12 2.74 0.00	101.92 3.78 0.00	109.32 3.89 0.00	99.52 3.95 0.00	103.34 4.54 0.00	101.36 5.29 0.00	84.61 5.71 0.00	106.87 8.20 -0.15	97.72 7.25 -3.42	68.64 5.02 -9.72	65.34 5.03 0.00	53.70 3.76 -0.05	67.32 3.63 -0.04	75.69 3.36 -13.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	76.39 -4.85 0.00	76.60 -4.82 0.00	47.16 -2.61 0.00	51.72 -2.87 0.00	54.43 -2.84 0.00	81.66 -2.66 0.00	74.54 -3.64 0.00	85.32 -4.84 0.00	57.86 -2.24 0.00	55.30 -1.42 0.00	58.82 -2.55 0.00	93.81 -4.33 0.00	99.97 -5.47 0.00	90.22 -5.34 0.00	93.51 -5.29 0.00	91.07 -5.00 0.00	74.23 -4.67 0.00	92.67 -5.85 0.00	82.69 -5.00 -0.63	51.00 -2.89 0.00	56.96 -3.35 0.00	47.21 -2.68 0.00	59.91 -3.74 0.00	55.68 -3.65 0.00

BINGHAMTON___COGEN 23790	79.74 -1.50 0.00	80.04 -1.38 0.00	48.96 -0.80 0.00	53.70 -0.89 0.00	56.39 -0.87 0.00	83.36 -0.96 0.00	77.45 -0.73 0.00	89.56 -0.60 0.00	59.93 -0.18 0.00	56.21 -0.51 0.00	60.77 -0.61 0.00	96.96 -1.18 0.00	104.00 -1.43 0.00	94.41 -1.17 0.00	98.12 -0.68 0.00	95.44 -0.63 0.00	78.55 -0.35 0.00	99.10 0.51 -0.07	88.56 0.36 -1.15	54.28 0.39 0.00	60.40 0.09 0.00	49.80 -0.10 0.00	63.29 -0.36 0.00	58.98 -0.34 0.00
BIXINCNT_115KV_LOAD 355685	77.58 -3.65 0.00	77.83 -3.59 0.00	47.90 -1.87 0.00	52.54 -2.05 0.00	55.27 -1.99 0.00	82.79 -1.53 0.00	75.83 -2.35 0.00	87.07 -3.09 0.00	58.66 -1.45 0.00	57.20 0.48 0.00	60.27 -1.10 0.00	96.58 -1.56 0.00	102.11 -3.32 0.00	92.07 -3.50 0.00	95.35 -3.44 0.00	92.80 -3.27 0.00	75.65 -3.25 0.00	94.98 -3.57 -0.04	84.66 -3.07 -0.67	52.25 -1.64 0.00	58.27 -2.04 0.00	48.31 -1.59 0.00	61.41 -2.23 0.00	57.19 -2.14 0.00
BLACK RIVER___HYD 24047	83.59 2.36 0.00	82.56 1.14 0.00	50.27 0.50 0.00	55.83 1.24 0.00	58.73 1.47 0.00	87.19 2.87 0.00	81.95 3.78 0.00	94.43 4.27 0.00	62.63 2.52 0.00	58.40 1.68 0.00	62.04 0.66 0.00	101.00 2.86 0.00	107.82 2.38 0.00	96.77 1.20 0.00	99.62 0.82 0.00	98.74 2.67 0.00	82.15 3.26 0.00	103.59 5.07 0.00	91.80 4.53 -0.22	56.91 3.02 0.00	63.80 3.49 0.00	52.52 2.63 0.00	66.62 2.98 0.00	61.71 2.38 0.00
BLACKRVR_115KV_TB2 79977	83.59 2.36 0.00	82.56 1.14 0.00	50.27 0.51 0.00	55.83 1.24 0.00	58.73 1.47 0.00	87.19 2.87 0.00	81.96 3.78 0.00	94.43 4.27 0.00	62.63 2.52 0.00	58.40 1.68 0.00	62.04 0.66 0.00	101.01 2.86 0.00	107.82 2.39 0.00	96.77 1.20 0.00	99.62 0.82 0.00	98.74 2.67 0.00	82.16 3.26 0.00	103.59 5.07 0.00	91.81 4.53 -0.22	56.91 3.02 0.00	63.81 3.50 0.00	52.52 2.63 0.00	66.62 2.98 0.00	61.71 2.38 0.00
BLISS_WT_PWR 323608	77.25 -3.55 0.45	77.92 -3.50 0.00	47.97 -1.80 0.00	52.61 -1.98 0.00	55.35 -1.91 0.00	82.92 -1.40 0.00	75.98 -2.20 0.00	87.25 -2.91 0.00	58.78 -1.33 0.00	57.31 0.59 0.00	60.40 -0.98 0.00	96.77 -1.37 0.00	102.26 -3.17 0.00	92.13 -3.43 0.00	95.41 -3.38 0.00	92.82 -3.25 0.00	75.65 -3.25 0.00	95.06 -3.50 -0.04	84.74 -2.99 -0.67	52.32 -1.57 0.00	58.33 -1.98 0.00	48.38 -1.51 0.00	61.50 -2.15 0.00	57.25 -2.08 0.00
BLUESTONE___WT_PWR 323821	82.10 0.78 -0.08	83.61 2.19 0.00	51.49 1.72 0.00	56.52 1.93 0.00	59.40 2.14 0.00	87.31 2.99 0.00	81.29 3.11 0.00	95.05 4.89 0.00	64.19 4.09 0.00	60.09 3.37 0.00	64.57 3.19 0.00	102.72 4.57 0.00	109.73 4.29 0.00	100.19 4.62 0.00	104.17 5.37 0.00	101.53 5.46 0.00	83.73 4.83 0.00	106.10 7.45 -0.13	94.88 6.59 -1.23	58.08 4.19 0.00	64.30 3.99 0.00	51.62 1.73 0.00	66.05 2.41 0.00	61.95 2.62 0.00
BLUE_CIRC_CHEM_DRP 24182	85.86 4.62 0.00	86.23 4.81 0.00	52.72 2.95 0.00	57.88 3.29 0.00	60.77 3.51 0.00	89.03 4.71 0.00	82.66 4.48 0.00	95.48 5.31 0.00	63.58 3.47 0.00	59.37 2.65 0.00	63.58 2.20 0.00	100.82 2.67 0.00	108.45 3.02 0.00	99.18 3.61 0.00	102.10 3.31 0.00	99.98 3.91 0.00	83.35 4.45 0.00	105.53 6.42 -0.60	96.87 5.75 -4.07	57.26 3.37 0.00	63.82 3.51 0.00	52.84 2.95 0.00	67.20 3.56 0.00	63.22 3.89 0.00
BOC_GAS_DRP 24189	83.02 1.78 0.00	83.24 1.81 0.00	50.82 1.05 0.00	55.76 1.17 0.00	58.49 1.23 0.00	85.72 1.40 0.00	79.65 1.47 0.00	92.26 2.10 0.00	61.57 1.46 0.00	57.88 1.16 0.00	62.52 1.15 0.00	99.78 1.63 0.00	107.15 1.72 0.00	97.50 1.94 0.00	100.86 2.07 0.00	98.17 2.10 0.00	81.02 2.12 0.00	102.20 3.19 -0.49	94.08 2.87 -4.15	55.63 1.74 0.00	62.03 1.72 0.00	51.28 1.39 0.00	65.11 1.46 0.00	60.92 1.59 0.00
BOONVILLE_115KV_TB1 79983	83.64 2.40 0.00	83.34 1.92 0.00	50.83 1.06 0.00	56.00 1.41 0.00	58.89 1.64 0.00	86.97 2.65 0.00	81.27 3.09 0.00	93.88 3.73 0.00	62.48 2.37 0.00	58.61 1.89 0.00	62.84 1.47 0.00	101.17 3.03 0.00	108.42 2.99 0.00	97.78 2.21 0.00	101.14 2.34 0.00	99.09 3.01 0.00	81.99 3.09 0.00	102.88 4.36 0.00	91.03 3.84 -0.13	56.39 2.49 0.00	63.04 2.74 0.00	52.02 2.13 0.00	66.10 2.45 0.00	61.43 2.10 0.00
BORALEX_4TH_BRANCH 23824	86.11 4.87 0.00	86.18 4.75 0.00	52.60 2.83 0.00	57.76 3.18 0.00	60.65 3.38 0.00	88.51 4.19 0.00	82.11 3.93 0.00	95.58 5.42 0.00	63.73 3.62 0.00	59.78 3.06 0.00	64.53 3.16 0.00	102.73 4.59 0.00	110.33 4.91 0.00	100.76 5.19 0.00	104.40 5.61 0.00	101.86 5.78 0.00	84.05 5.15 0.00	107.10 7.44 -1.14	97.79 6.58 -4.15	57.94 4.05 0.00	64.63 4.32 0.00	53.44 3.54 0.00	67.77 4.13 0.00	63.28 3.96 0.00
BOWLINE___1 23526	83.03 1.79 0.00	83.08 1.65 0.00	50.64 0.87 0.00	55.42 0.83 0.00	58.15 0.89 0.00	85.78 1.46 0.00	80.29 2.11 0.00	93.56 3.40 0.00	62.43 2.32 0.00	58.47 1.75 0.00	63.09 1.72 0.00	100.38 2.24 0.00	107.58 2.15 0.00	97.93 2.36 0.00	101.52 2.72 0.00	99.39 3.32 0.00	82.62 3.72 0.00	104.40 5.73 -0.15	95.55 5.18 -3.31	57.29 3.40 0.00	63.66 3.35 0.00	52.35 2.45 0.00	66.04 2.39 0.00	61.45 2.12 0.00
BOWLINE___2 23595	83.14 1.91 0.00	83.20 1.78 0.00	50.71 0.95 0.00	55.52 0.93 0.00	58.24 0.98 0.00	85.90 1.58 0.00	80.40 2.23 0.00	93.69 3.53 0.00	62.49 2.39 0.00	58.55 1.83 0.00	63.20 1.82 0.00	100.55 2.41 0.00	107.77 2.34 0.00	98.09 2.52 0.00	101.67 2.88 0.00	99.55 3.48 0.00	82.75 3.85 0.00	104.58 5.91 -0.15	95.68 5.31 -3.31	57.37 3.48 0.00	63.74 3.43 0.00	52.42 2.52 0.00	66.15 2.50 0.00	61.53 2.21 0.00
BRADY___115KV_TB2 356060	83.92 2.68 0.00	83.99 2.57 0.00	51.39 1.62 0.00	56.57 1.98 0.00	58.96 1.70 0.00	86.72 2.40 0.00	80.14 1.96 0.00	91.78 1.62 0.00	60.88 0.77 0.00	58.01 1.30 0.00	62.99 1.61 0.00	101.13 2.99 0.00	109.40 3.97 0.00	98.06 2.50 0.00	101.01 2.21 0.00	97.49 1.42 0.00	79.31 0.40 0.00	97.85 -0.67 0.00	86.08 -0.99 0.00	53.35 -0.54 0.00	60.37 0.07 0.00	50.30 0.40 0.00	65.04 1.39 0.00	60.66 1.33 0.00
BRANSCOMB___SOLAR 323811	86.16 4.92 0.00	86.27 4.85 0.00	52.65 2.88 0.00	57.80 3.21 0.00	60.72 3.45 0.00	89.08 4.76 0.00	83.01 4.84 0.00	96.47 6.31 0.00	64.31 4.20 0.00	60.22 3.50 0.00	64.92 3.55 0.00	103.33 5.18 0.00	110.92 5.49 0.00	100.86 5.30 0.00	104.51 5.71 0.00	102.34 6.26 0.00	84.90 6.00 0.00	108.57 8.52 -1.54	98.84 7.50 -4.28	58.49 4.60 0.00	65.13 4.82 0.00	53.76 3.87 0.00	68.17 4.52 0.00	63.58 4.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	86.03 4.79 0.00	86.09 4.67 0.00	52.16 2.39 0.00	57.16 2.57 0.00	60.04 2.78 0.00	88.91 4.59 0.00	83.46 5.29 0.00	97.06 6.90 0.00	64.68 4.57 0.00	60.22 3.50 0.00	64.95 3.57 0.00	103.21 5.06 0.00	110.76 5.32 0.00	100.78 5.21 0.00	104.70 5.90 0.00	102.98 6.90 0.00	86.17 7.27 0.00	108.99 10.32 -0.15	99.49 9.02 -3.42	69.74 6.13 -9.72	66.50 6.19 0.00	54.60 4.66 -0.05	68.35 4.68 -0.02	69.24 4.42 -5.49

BRISTLHL_115KV_TB1 79998	77.86 -3.38 0.00	77.98 -3.44 0.00	47.69 -2.08 0.00	52.32 -2.27 0.00	54.96 -2.30 0.00	81.28 -3.04 0.00	75.48 -2.69 0.00	87.18 -2.98 0.00	58.28 -1.83 0.00	54.89 -1.83 0.00	59.25 -2.12 0.00	94.64 -3.51 0.00	101.61 -3.82 0.00	92.12 -3.45 0.00	95.38 -3.42 0.00	92.98 -3.09 0.00	76.50 -2.40 0.00	95.97 -2.55 0.00	85.21 -2.19 -0.34	52.59 -1.30 0.00	58.67 -1.64 0.00	48.41 -1.49 0.00	61.43 -2.21 0.00	57.15 -2.18 0.00
BROOKHAVEN___DRP 24191	85.40 4.17 0.00	85.43 4.01 0.00	51.78 2.01 0.00	56.72 2.13 0.00	59.58 2.32 0.00	88.31 3.99 0.00	83.32 5.14 0.00	96.96 6.80 0.00	64.34 4.24 0.00	59.72 3.00 0.00	64.36 2.98 0.00	102.12 3.97 0.00	109.54 4.11 0.00	100.00 4.43 0.00	103.55 4.75 0.00	102.00 5.92 0.00	85.52 6.62 0.00	108.24 9.57 -0.15	99.09 8.62 -3.42	69.14 5.53 -9.72	65.67 5.36 0.00	53.92 3.97 -0.05	67.75 4.09 -0.02	67.85 3.89 -4.62
BROOKLYN_NAVY_YARD 23515	83.73 2.49 0.00	83.72 2.30 0.00	51.05 1.28 0.00	55.83 1.24 0.00	58.57 1.31 0.00	86.43 2.11 0.00	81.08 2.91 0.00	94.66 4.50 0.00	63.17 3.06 0.00	59.20 2.47 0.00	63.82 2.44 0.00	101.51 3.37 0.00	108.77 3.34 0.00	99.06 3.49 0.00	102.67 3.87 0.00	100.58 4.50 0.00	83.77 4.87 0.00	105.87 7.20 -0.15	96.97 6.49 -3.42	58.16 4.26 0.00	64.58 4.27 0.00	53.04 3.14 0.00	66.80 3.15 0.00	62.14 2.81 0.00
BROOKLYN___ARMY_DRP 323595	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
BROOKVLE_69_KV_TB1 55790	85.33 4.09 0.00	85.36 3.93 0.00	51.85 2.08 0.00	56.77 2.18 0.00	59.58 2.32 0.00	87.86 3.54 0.00	82.46 4.28 0.00	96.18 6.02 0.00	64.08 3.97 0.00	59.86 3.14 0.00	64.71 3.33 0.00	102.87 4.72 0.00	110.16 4.73 0.00	100.26 4.69 0.00	104.05 5.26 0.00	102.33 6.25 0.00	85.28 6.38 0.00	107.63 8.96 -0.15	98.39 7.91 -3.42	68.94 5.32 -9.72	65.72 5.42 0.00	54.07 4.13 -0.05	67.86 4.15 -0.07	85.15 3.83 -22.00
BROOME_2_LFGE 323671	79.85 -1.50 -0.10	80.04 -1.39 0.00	48.96 -0.80 0.00	53.70 -0.88 0.00	56.39 -0.87 0.00	83.36 -0.96 0.00	77.45 -0.73 0.00	89.57 -0.60 0.00	59.93 -0.18 0.00	56.20 -0.51 0.00	60.76 -0.62 0.00	96.96 -1.19 0.00	104.01 -1.43 0.00	94.41 -1.16 0.00	98.12 -0.67 0.00	95.44 -0.63 0.00	78.55 -0.35 0.00	99.10 0.51 -0.07	88.56 0.36 -1.15	54.28 0.39 0.00	60.40 0.09 0.00	49.80 -0.10 0.00	63.29 -0.36 0.00	58.99 -0.34 0.00
BROOME___LFGE 323600	79.85 -1.50 -0.10	80.04 -1.39 0.00	48.96 -0.80 0.00	53.70 -0.88 0.00	56.39 -0.87 0.00	83.36 -0.96 0.00	77.45 -0.73 0.00	89.57 -0.60 0.00	59.93 -0.18 0.00	56.20 -0.51 0.00	60.76 -0.62 0.00	96.96 -1.19 0.00	104.01 -1.43 0.00	94.41 -1.16 0.00	98.12 -0.67 0.00	95.44 -0.63 0.00	78.55 -0.35 0.00	99.10 0.51 -0.07	88.56 0.36 -1.15	54.28 0.39 0.00	60.40 0.09 0.00	49.80 -0.10 0.00	63.29 -0.36 0.00	58.99 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.92 1.75 0.00	60.94 0.84 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.10 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
BROWNSV1_27_KV_LOAD 356125	84.63 3.39 0.00	84.61 3.19 0.00	51.58 1.81 0.00	56.42 1.83 0.00	59.18 1.92 0.00	87.38 3.06 0.00	81.96 3.78 0.00	95.69 5.53 0.00	63.87 3.76 0.00	59.85 3.13 0.00	64.52 3.15 0.00	102.68 4.53 0.00	110.03 4.60 0.00	100.20 4.64 0.00	103.88 5.08 0.00	101.79 5.71 0.00	84.72 5.82 0.00	107.05 8.38 -0.15	97.98 7.50 -3.42	58.79 4.90 0.00	65.27 4.96 0.00	53.60 3.71 0.00	67.48 3.83 0.00	62.77 3.44 0.00
BURROWS___LYONSDAL 23803	83.63 2.39 0.00	83.19 1.76 0.00	50.67 0.90 0.00	55.91 1.33 0.00	58.84 1.58 0.00	86.89 2.57 0.00	81.29 3.12 0.00	93.87 3.72 0.00	62.42 2.32 0.00	58.47 1.75 0.00	62.51 1.14 0.00	100.95 2.80 0.00	108.14 2.71 0.00	97.31 1.75 0.00	100.55 1.76 0.00	98.73 2.65 0.00	81.80 2.90 0.00	102.71 4.19 0.00	90.89 3.70 -0.13	56.33 2.43 0.00	63.06 2.75 0.00	52.02 2.12 0.00	66.10 2.45 0.00	61.42 2.09 0.00
CAITHNESS_CC_1 323624	85.30 4.06 0.00	85.30 3.88 0.00	51.71 1.94 0.00	56.64 2.05 0.00	59.49 2.23 0.00	88.14 3.82 0.00	83.10 4.92 0.00	96.71 6.55 0.00	64.20 4.10 0.00	59.62 2.90 0.00	64.26 2.88 0.00	102.00 3.85 0.00	109.43 4.00 0.00	99.87 4.31 0.00	103.46 4.66 0.00	101.87 5.80 0.00	85.36 6.46 0.00	108.03 9.36 -0.15	98.85 8.37 -3.42	69.08 5.46 -9.72	65.63 5.32 0.00	53.87 3.93 -0.05	67.64 3.98 -0.02	67.72 3.79 -4.61
CALPINE BETH_PAGE_GT4 24209	85.02 3.78 0.00	85.11 3.69 0.00	51.67 1.90 0.00	56.57 1.98 0.00	59.38 2.12 0.00	87.74 3.42 0.00	82.34 4.16 0.00	95.98 5.82 0.00	63.91 3.80 0.00	59.52 2.80 0.00	64.20 2.83 0.00	102.07 3.93 0.00	109.45 4.02 0.00	99.64 4.07 0.00	103.45 4.65 0.00	101.28 5.21 0.00	84.57 5.67 0.00	106.73 8.06 -0.15	97.60 7.13 -3.42	68.61 4.99 -9.72	65.29 4.98 0.00	53.68 3.74 -0.05	67.32 3.62 -0.06	79.25 3.33 -16.60
CALPINE_BETH_PAGE_GT_4 323586	85.02 3.78 0.00	85.11 3.69 0.00	51.66 1.89 0.00	56.56 1.98 0.00	59.37 2.12 0.00	87.74 3.42 0.00	82.34 4.16 0.00	95.98 5.82 0.00	63.91 3.80 0.00	59.52 2.80 0.00	64.20 2.83 0.00	102.07 3.92 0.00	109.45 4.02 0.00	99.64 4.07 0.00	103.45 4.65 0.00	101.29 5.22 0.00	84.58 5.68 0.00	106.73 8.06 -0.15	97.60 7.13 -3.42	68.60 4.99 -9.72	65.29 4.98 0.00	53.68 3.73 -0.05	67.32 3.62 -0.06	79.25 3.32 -16.60
CALPINE_BP_GT1 23823	85.02 3.78 0.00	85.11 3.69 0.00	51.66 1.89 0.00	56.56 1.98 0.00	59.37 2.12 0.00	87.74 3.42 0.00	82.34 4.16 0.00	95.98 5.82 0.00	63.91 3.80 0.00	59.52 2.80 0.00	64.20 2.83 0.00	102.07 3.92 0.00	109.45 4.02 0.00	99.64 4.07 0.00	103.45 4.65 0.00	101.29 5.22 0.00	84.58 5.68 0.00	106.73 8.06 -0.15	97.60 7.13 -3.42	68.60 4.99 -9.72	65.29 4.98 0.00	53.68 3.73 -0.05	67.32 3.62 -0.06	79.25 3.32 -16.60
CALSPAN___DRP 24200	76.11 -5.13 0.00	76.32 -5.11 0.00	46.98 -2.79 0.00	51.53 -3.06 0.00	54.21 -3.05 0.00	81.35 -2.97 0.00	74.21 -3.96 0.00	84.89 -5.27 0.00	57.53 -2.58 0.00	54.93 -1.79 0.00	58.51 -2.87 0.00	93.22 -4.93 0.00	99.47 -5.96 0.00	89.74 -5.83 0.00	92.98 -5.82 0.00	90.58 -5.49 0.00	73.83 -5.08 0.00	92.12 -6.39 0.00	82.19 -5.50 -0.63	50.70 -3.19 0.00	56.65 -3.66 0.00	46.97 -2.92 0.00	59.60 -4.05 0.00	55.38 -3.95 0.00

CALVERTON___SOLAR 323806	85.51 4.28 0.00	85.51 4.09 0.00	51.83 2.06 0.00	56.78 2.19 0.00	59.65 2.39 0.00	88.42 4.10 0.00	83.55 5.38 0.00	97.22 7.06 0.00	64.49 4.39 0.00	59.82 3.10 0.00	64.45 3.08 0.00	102.20 4.06 0.00	109.61 4.17 0.00	100.08 4.51 0.00	103.56 4.76 0.00	102.09 6.02 0.00	85.65 6.75 0.00	108.42 9.75 -0.15	99.32 8.85 -3.42	69.24 5.62 -9.72	65.75 5.44 0.00	53.95 4.01 -0.05	67.85 4.19 -0.02	67.98 4.01 -4.63
CANDIGU_WT_PWR 323617	77.71 -3.65 -0.12	77.91 -3.51 0.00	47.82 -1.94 0.00	52.42 -2.17 0.00	55.07 -2.19 0.00	81.99 -2.33 0.00	75.80 -2.38 0.00	87.26 -2.90 0.00	58.63 -1.48 0.00	55.01 -1.72 0.00	58.93 -2.44 0.00	93.50 -4.64 0.00	99.80 -5.63 0.00	90.33 -5.24 0.00	93.76 -5.04 0.00	91.15 -4.92 0.00	75.19 -3.71 0.00	95.06 -3.50 -0.05	84.86 -3.01 -0.82	52.41 -1.48 0.00	58.37 -1.94 0.00	48.17 -1.73 0.00	61.24 -2.41 0.00	57.15 -2.18 0.00
CARR STREET_E__SYR 24060	78.21 -3.03 0.00	78.37 -3.05 0.00	47.94 -1.83 0.00	52.61 -1.98 0.00	55.26 -2.00 0.00	81.74 -2.58 0.00	75.91 -2.27 0.00	87.66 -2.50 0.00	58.63 -1.47 0.00	55.22 -1.50 0.00	59.62 -1.75 0.00	95.19 -2.96 0.00	102.18 -3.25 0.00	92.66 -2.91 0.00	95.97 -2.83 0.00	93.56 -2.52 0.00	76.94 -1.96 0.00	96.52 -2.00 0.00	85.72 -1.72 -0.38	52.88 -1.01 0.00	58.96 -1.35 0.00	48.67 -1.22 0.00	61.77 -1.88 0.00	57.48 -1.84 0.00
CARTHAGE___PAPER 23857	84.33 3.09 0.00	83.42 2.00 0.00	50.77 1.00 0.00	56.31 1.72 0.00	59.19 1.93 0.00	87.70 3.38 0.00	82.32 4.14 0.00	94.77 4.61 0.00	62.80 2.69 0.00	58.73 2.01 0.00	62.51 1.13 0.00	101.65 3.51 0.00	108.77 3.34 0.00	97.58 2.01 0.00	100.48 1.68 0.00	99.17 3.10 0.00	82.32 3.42 0.00	103.48 4.95 0.00	91.61 4.36 -0.19	56.80 2.91 0.00	63.78 3.47 0.00	52.58 2.68 0.00	66.89 3.25 0.00	62.03 2.70 0.00
CASSADAGA_WT_PWR 323784	77.24 -3.61 0.39	77.84 -3.59 0.00	47.89 -1.88 0.00	52.55 -2.04 0.00	55.29 -1.97 0.00	83.04 -1.29 0.00	76.14 -2.03 0.00	87.40 -2.76 0.00	58.99 -1.12 0.00	56.96 0.24 0.00	60.20 -1.17 0.00	96.03 -2.12 0.00	102.15 -3.28 0.00	91.92 -3.65 0.00	95.17 -3.63 0.00	92.71 -3.36 0.00	75.78 -3.12 0.00	95.00 -3.52 0.00	84.76 -2.96 -0.65	52.37 -1.52 0.00	58.35 -1.96 0.00	48.40 -1.50 0.00	61.33 -2.31 0.00	56.97 -2.36 0.00
CE_DUNWOOD___DRP 24194	83.76 2.52 0.00	83.80 2.38 0.00	51.08 1.31 0.00	55.91 1.32 0.00	58.65 1.39 0.00	86.48 2.16 0.00	80.98 2.81 0.00	94.47 4.31 0.00	63.03 2.93 0.00	59.05 2.33 0.00	63.72 2.35 0.00	101.43 3.28 0.00	108.70 3.27 0.00	98.94 3.37 0.00	102.58 3.79 0.00	100.43 4.36 0.00	83.52 4.62 0.00	105.51 6.85 -0.15	96.63 6.16 -3.41	57.89 4.00 0.00	64.32 4.01 0.00	52.89 2.99 0.00	66.67 3.02 0.00	62.05 2.72 0.00
CE_MILLWOOD___DRP 24193	83.63 2.39 0.00	83.68 2.26 0.00	51.01 1.25 0.00	55.83 1.25 0.00	58.57 1.31 0.00	86.37 2.05 0.00	80.84 2.66 0.00	94.28 4.12 0.00	62.91 2.80 0.00	58.91 2.19 0.00	63.60 2.22 0.00	101.21 3.06 0.00	108.49 3.06 0.00	98.73 3.16 0.00	102.37 3.57 0.00	100.23 4.16 0.00	83.33 4.43 0.00	105.28 6.61 -0.15	96.39 5.94 -3.40	57.77 3.87 0.00	64.17 3.86 0.00	52.77 2.87 0.00	66.54 2.90 0.00	61.94 2.61 0.00
CE_NYC2_DRP 24202	83.89 2.65 0.00	83.89 2.47 0.00	51.13 1.36 0.00	55.93 1.34 0.00	58.67 1.41 0.00	86.66 2.34 0.00	81.27 3.10 0.00	94.70 4.54 0.00	63.21 3.10 0.00	59.24 2.52 0.00	63.90 2.52 0.00	101.63 3.48 0.00	108.94 3.51 0.00	99.20 3.63 0.00	102.83 4.03 0.00	100.73 4.66 0.00	83.87 4.97 0.00	106.01 7.34 -0.15	97.02 6.54 -3.42	58.23 4.33 0.00	64.62 4.32 0.00	53.13 3.23 0.00	66.81 3.16 0.00	62.12 2.79 0.00
CE_NYC_DRP 24195	83.93 2.69 0.00	83.93 2.51 0.00	51.17 1.40 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.69 2.37 0.00	81.27 3.09 0.00	94.86 4.70 0.00	63.34 3.24 0.00	59.36 2.64 0.00	64.00 2.63 0.00	106.38 3.68 -4.55	114.94 3.72 -5.79	109.18 3.81 -9.80	128.03 4.21 -25.02	124.81 4.85 -23.89	91.09 5.10 -7.09	113.44 7.43 -7.49	121.27 6.67 -27.54	58.48 4.35 -0.23	64.68 4.34 -0.03	53.15 3.20 -0.05	66.86 3.22 0.00	62.22 2.89 0.00
CHAFFEE___LFGE 323603	76.14 -4.70 0.40	76.74 -4.68 0.00	47.26 -2.51 0.00	51.82 -2.77 0.00	54.52 -2.74 0.00	81.89 -2.44 0.00	74.79 -3.39 0.00	85.54 -4.61 0.00	57.92 -2.18 0.00	55.59 -1.13 0.00	58.99 -2.38 0.00	94.09 -4.06 0.00	100.36 -5.07 0.00	90.51 -5.06 0.00	93.83 -4.96 0.00	91.41 -4.67 0.00	74.47 -4.43 0.00	93.04 -5.48 0.00	82.99 -4.72 -0.65	51.20 -2.69 0.00	57.13 -3.18 0.00	47.37 -2.53 0.00	60.07 -3.58 0.00	55.80 -3.53 0.00
CHATEAUG_35_KV_LOAD 355732	82.26 1.02 0.00	82.50 1.07 0.00	50.35 0.58 0.00	55.24 0.65 0.00	57.54 0.28 0.00	84.38 0.06 0.00	78.48 0.31 0.00	89.89 -0.27 0.00	59.31 -0.80 0.00	56.15 -0.57 0.00	60.89 -0.48 0.00	97.66 -0.48 0.00	105.18 -0.25 0.00	95.07 -0.50 0.00	97.72 -1.08 0.00	94.60 -1.47 0.00	77.30 -1.60 0.00	95.62 -2.90 0.00	84.30 -2.76 0.00	52.00 -1.89 0.00	58.96 -1.35 0.00	49.02 -0.88 0.00	63.15 -0.49 0.00	59.11 -0.22 0.00
CHATEAUG_WT_PWR 323614	82.14 0.90 0.00	82.43 1.01 0.00	50.27 0.50 0.00	55.12 0.54 0.00	57.49 0.23 0.00	84.21 -0.11 0.00	78.34 0.16 0.00	89.84 -0.32 0.00	59.27 -0.84 0.00	56.04 -0.68 0.00	60.71 -0.66 0.00	97.37 -0.77 0.00	104.82 -0.61 0.00	94.78 -0.79 0.00	97.41 -1.38 0.00	94.32 -1.75 0.00	77.21 -1.69 0.00	95.60 -2.92 0.00	84.31 -2.75 0.00	52.00 -1.89 0.00	58.90 -1.41 0.00	48.97 -0.93 0.00	63.09 -0.56 0.00	59.05 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	82.26 1.02 0.00	82.50 1.07 0.00	50.35 0.58 0.00	55.24 0.65 0.00	57.54 0.28 0.00	84.38 0.06 0.00	78.48 0.31 0.00	89.89 -0.27 0.00	59.31 -0.80 0.00	56.15 -0.57 0.00	60.89 -0.48 0.00	97.66 -0.48 0.00	105.18 -0.25 0.00	95.07 -0.50 0.00	97.72 -1.08 0.00	94.60 -1.47 0.00	77.30 -1.60 0.00	95.62 -2.90 0.00	84.30 -2.76 0.00	52.00 -1.89 0.00	58.96 -1.35 0.00	49.02 -0.88 0.00	63.15 -0.49 0.00	59.11 -0.22 0.00
CHAUTAUQUA___LFGE 323629	76.65 -4.22 0.36	77.23 -4.19 0.00	47.55 -2.22 0.00	52.15 -2.44 0.00	54.87 -2.39 0.00	82.43 -1.90 0.00	75.36 -2.82 0.00	86.33 -3.83 0.00	58.38 -1.72 0.00	55.95 -0.77 0.00	59.35 -2.02 0.00	94.49 -3.66 0.00	100.71 -4.72 0.00	90.61 -4.96 0.00	93.80 -5.00 0.00	91.46 -4.62 0.00	74.74 -4.16 0.00	93.55 -4.97 0.00	83.53 -4.17 -0.64	51.59 -2.30 0.00	57.52 -2.79 0.00	47.75 -2.14 0.00	60.51 -3.13 0.00	56.21 -3.12 0.00
CHERRYST_13_KV_LD 356241	84.16 2.92 0.00	84.16 2.74 0.00	51.31 1.55 0.00	56.14 1.55 0.00	58.89 1.64 0.00	86.95 2.63 0.00	81.55 3.37 0.00	95.19 5.03 0.00	63.57 3.46 0.00	59.59 2.87 0.00	64.24 2.87 0.00	102.21 4.07 0.00	109.57 4.14 0.00	99.78 4.21 0.00	103.41 4.62 0.00	101.32 5.25 0.00	84.32 5.42 0.00	106.51 7.84 -0.15	97.48 7.00 -3.42	58.43 4.54 0.00	64.87 4.56 0.00	53.26 3.37 0.00	67.06 3.42 0.00	62.40 3.07 0.00

CHESTROR_138KV_BK263 355645	83.12 1.88 0.00	83.20 1.78 0.00	50.73 0.96 0.00	55.56 0.97 0.00	58.28 1.02 0.00	85.90 1.58 0.00	80.30 2.12 0.00	93.49 3.33 0.00	62.38 2.27 0.00	58.45 1.73 0.00	63.06 1.69 0.00	100.35 2.20 0.00	107.55 2.12 0.00	97.87 2.30 0.00	101.50 2.71 0.00	99.31 3.23 0.00	82.47 3.57 0.00	104.18 5.52 -0.14	95.20 4.96 -3.18	57.12 3.23 0.00	63.52 3.20 0.00	52.26 2.37 0.00	66.02 2.38 0.00	61.45 2.12 0.00
CH_MIDHUDSON___DRP 24192	84.16 2.92 0.00	84.26 2.84 0.00	51.38 1.62 0.00	56.27 1.68 0.00	59.04 1.78 0.00	86.91 2.59 0.00	81.29 3.11 0.00	94.67 4.51 0.00	63.19 3.09 0.00	59.18 2.46 0.00	63.92 2.54 0.00	101.80 3.65 0.00	109.10 3.67 0.00	99.30 3.73 0.00	103.02 4.23 0.00	100.83 4.76 0.00	83.78 4.88 0.00	105.83 7.15 -0.16	96.95 6.42 -3.47	57.99 4.10 0.00	64.46 4.15 0.00	53.04 3.15 0.00	66.97 3.32 0.00	62.33 3.00 0.00
CH_MISC_IPPS 23765	84.49 3.26 0.00	84.57 3.14 0.00	51.57 1.80 0.00	56.47 1.89 0.00	59.26 1.99 0.00	87.33 3.01 0.00	81.70 3.52 0.00	95.15 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.96 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.29 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.42 0.00	64.82 4.51 0.00	53.32 3.42 0.00	67.29 3.64 0.00	62.59 3.26 0.00
CH_RES_BVR_FALLS 23983	81.71 0.47 0.00	81.82 0.40 0.00	49.98 0.21 0.00	54.86 0.27 0.00	57.54 0.28 0.00	84.67 0.36 0.00	78.34 0.16 0.00	89.99 -0.17 0.00	59.80 -0.31 0.00	56.58 -0.14 0.00	61.17 -0.21 0.00	98.19 0.04 0.00	105.69 0.25 0.00	95.20 -0.37 0.00	98.34 -0.45 0.00	95.41 -0.66 0.00	78.13 -0.77 0.00	97.00 -1.52 0.00	85.68 -1.38 0.00	52.98 -0.91 0.00	59.65 -0.67 0.00	49.52 -0.37 0.00	63.56 -0.08 0.00	59.23 -0.10 0.00
CH_RES_NIAGARA 23895	73.27 -7.96 0.00	73.48 -7.94 0.00	45.23 -4.54 0.00	49.66 -4.93 0.00	52.24 -5.02 0.00	78.44 -5.88 0.00	71.04 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.27 -4.45 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.17 -9.40 0.00	89.15 -9.65 0.00	86.85 -9.22 0.00	70.59 -8.31 0.00	87.69 -10.83 0.00	78.23 -9.41 -0.58	48.28 -5.61 0.00	54.06 -6.25 0.00	44.88 -5.02 0.00	57.01 -6.64 0.00	53.02 -6.31 0.00
CH_RES_SYRACUSE 23985	78.48 -2.75 0.00	78.66 -2.76 0.00	48.13 -1.63 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.31 0.00	59.82 -1.56 0.00	95.53 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.32 -2.48 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.61 0.00	86.06 -1.42 -0.42	53.10 -0.79 0.00	59.17 -1.14 0.00	48.87 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
CLINTON_WT_PWR 323605	82.14 0.90 0.00	82.43 1.01 0.00	50.27 0.50 0.00	55.12 0.54 0.00	57.49 0.23 0.00	84.21 -0.11 0.00	78.34 0.16 0.00	89.84 -0.32 0.00	59.27 -0.84 0.00	56.04 -0.68 0.00	60.71 -0.66 0.00	97.37 -0.77 0.00	104.82 -0.61 0.00	94.78 -0.79 0.00	97.41 -1.38 0.00	94.32 -1.75 0.00	77.21 -1.69 0.00	95.60 -2.92 0.00	84.31 -2.75 0.00	52.00 -1.89 0.00	58.90 -1.41 0.00	48.97 -0.93 0.00	63.09 -0.56 0.00	59.05 -0.28 0.00
CLINTON___LFGE 323618	83.55 2.31 0.00	83.80 2.37 0.00	51.09 1.32 0.00	55.98 1.40 0.00	58.41 1.16 0.00	85.48 1.16 0.00	79.67 1.49 0.00	91.57 1.41 0.00	60.40 0.29 0.00	57.04 0.32 0.00	61.76 0.39 0.00	98.96 0.82 0.00	106.26 0.83 0.00	96.18 0.61 0.00	98.80 0.01 0.00	95.70 -0.37 0.00	78.42 -0.48 0.00	97.37 -1.14 0.00	85.93 -1.13 0.00	53.01 -0.89 0.00	60.05 -0.26 0.00	49.80 -0.09 0.00	64.11 0.46 0.00	60.15 0.82 0.00
COBBLENY_34_KV_TB1 80064	76.54 -4.69 0.00	76.76 -4.66 0.00	47.26 -2.51 0.00	51.81 -2.78 0.00	54.53 -2.73 0.00	81.90 -2.42 0.00	74.78 -3.39 0.00	85.54 -4.63 0.00	57.93 -2.18 0.00	55.59 -1.13 0.00	58.99 -2.38 0.00	94.10 -4.04 0.00	100.36 -5.07 0.00	90.51 -5.06 0.00	93.83 -4.97 0.00	91.42 -4.65 0.00	74.50 -4.40 0.00	93.03 -5.49 0.00	82.99 -4.72 -0.65	51.18 -2.71 0.00	57.15 -3.16 0.00	47.35 -2.55 0.00	60.07 -3.58 0.00	55.82 -3.51 0.00
COFFEEN___115KV_TB3 355620	84.05 2.81 0.00	83.05 1.63 0.00	50.57 0.80 0.00	56.14 1.55 0.00	59.08 1.82 0.00	87.76 3.44 0.00	82.51 4.33 0.00	95.10 4.94 0.00	63.09 2.99 0.00	58.87 2.15 0.00	62.57 1.20 0.00	101.77 3.63 0.00	108.62 3.18 0.00	97.54 1.97 0.00	100.38 1.59 0.00	99.49 3.42 0.00	82.79 3.89 0.00	104.48 5.96 0.00	92.64 5.36 -0.22	57.42 3.53 0.00	64.35 4.04 0.00	52.93 3.04 0.00	67.11 3.47 0.00	62.11 2.78 0.00
COLDSPRG_115KV_BK1 355956	77.84 -3.40 0.00	78.01 -3.42 0.00	47.98 -1.79 0.00	52.65 -1.94 0.00	55.38 -1.88 0.00	83.00 -1.32 0.00	76.18 -2.00 0.00	87.62 -2.54 0.00	58.85 -1.25 0.00	57.76 1.04 0.00	60.76 -0.62 0.00	97.35 -0.79 0.00	102.98 -2.45 0.00	92.97 -2.61 0.00	96.32 -2.48 0.00	93.68 -2.39 0.00	76.49 -2.41 0.00	96.10 -2.46 -0.04	85.59 -2.15 -0.68	52.87 -1.03 0.00	58.85 -1.46 0.00	48.73 -1.17 0.00	61.87 -1.78 0.00	57.62 -1.71 0.00
COLONIE_LFGE___ 323577	84.83 3.59 0.00	84.92 3.50 0.00	51.85 2.08 0.00	56.92 2.33 0.00	59.75 2.49 0.00	87.42 3.10 0.00	81.32 3.15 0.00	94.45 4.29 0.00	63.00 2.89 0.00	59.12 2.40 0.00	63.84 2.46 0.00	101.72 3.57 0.00	109.18 3.75 0.00	99.44 3.87 0.00	102.97 4.18 0.00	100.52 4.44 0.00	83.13 4.23 0.00	105.97 6.11 -1.34	96.71 5.42 -4.23	57.16 3.27 0.00	63.74 3.43 0.00	52.66 2.77 0.00	66.81 3.17 0.00	62.40 3.07 0.00
COOPERNY_115KV_TB1 80082	82.51 1.27 0.00	82.63 1.21 0.00	50.42 0.65 0.00	55.24 0.65 0.00	57.96 0.70 0.00	85.40 1.08 0.00	79.67 1.49 0.00	92.52 2.36 0.00	61.73 1.63 0.00	57.92 1.20 0.00	62.52 1.15 0.00	99.62 1.48 0.00	106.89 1.46 0.00	97.19 1.62 0.00	100.71 1.92 0.00	98.36 2.29 0.00	81.46 2.56 0.00	102.69 4.06 -0.11	93.29 3.65 -2.59	56.28 2.39 0.00	62.66 2.35 0.00	51.62 1.72 0.00	65.33 1.69 0.00	60.84 1.52 0.00
COPENHAGEN_WT_PWR 323753	82.84 1.60 0.00	81.66 0.24 0.00	49.74 -0.03 0.00	55.36 0.77 0.00	58.27 1.01 0.00	86.46 2.14 0.00	81.31 3.13 0.00	93.61 3.45 0.00	62.05 1.95 0.00	57.70 0.98 0.00	61.14 -0.23 0.00	99.81 1.66 0.00	106.36 0.93 0.00	95.43 -0.14 0.00	98.19 -0.61 0.00	97.71 1.64 0.00	81.40 2.50 0.00	102.70 4.18 0.00	90.99 3.70 -0.23	56.42 2.53 0.00	63.25 2.94 0.00	52.04 2.15 0.00	66.02 2.38 0.00	61.14 1.81 0.00
CORNELL_____ 23752	81.07 -0.17 0.00	81.33 -0.09 0.00	49.76 -0.01 0.00	54.60 0.01 0.00	57.37 0.11 0.00	84.87 0.55 0.00	79.05 0.88 0.00	91.43 1.27 0.00	61.16 1.06 0.00	57.42 0.70 0.00	61.91 0.54 0.00	98.59 0.44 0.00	105.50 0.07 0.00	95.87 0.30 0.00	99.53 0.74 0.00	97.20 1.13 0.00	80.09 1.19 0.00	100.95 2.38 -0.05	90.02 2.14 -0.83	55.37 1.48 0.00	61.62 1.31 0.00	50.78 0.89 0.00	64.45 0.81 0.00	59.99 0.66 0.00

CORONA V_69_KV_TB1 355595	85.02 3.78 0.00	85.03 3.61 0.00	51.65 1.88 0.00	56.54 1.95 0.00	59.35 2.09 0.00	87.60 3.28 0.00	82.24 4.06 0.00	95.84 5.68 0.00	63.78 3.68 0.00	59.62 2.90 0.00	64.35 2.98 0.00	102.25 4.10 0.00	109.61 4.18 0.00	99.79 4.22 0.00	103.62 4.82 0.00	101.57 5.50 0.00	84.55 5.65 0.00	107.01 8.34 -0.15	97.89 7.41 -3.42	68.62 5.00 -9.72	65.41 5.10 0.00	53.89 3.94 -0.05	67.95 4.04 -0.27	142.62 3.76 -79.53
CORTLAND_115KV_TB3 80093	80.52 -0.72 0.00	80.72 -0.70 0.00	49.38 -0.38 0.00	54.17 -0.41 0.00	56.92 -0.34 0.00	84.17 -0.15 0.00	78.32 0.14 0.00	90.57 0.41 0.00	60.57 0.46 0.00	56.87 0.15 0.00	61.39 0.02 0.00	97.94 -0.20 0.00	105.01 -0.43 0.00	95.31 -0.26 0.00	98.94 0.14 0.00	96.44 0.37 0.00	79.43 0.53 0.00	99.96 1.40 -0.04	88.99 1.25 -0.67	54.77 0.88 0.00	61.00 0.69 0.00	50.29 0.40 0.00	63.84 0.20 0.00	59.44 0.11 0.00
COXSACKIE__GT 23611	87.33 6.09 0.00	87.47 6.04 0.00	53.41 3.64 0.00	58.68 4.09 0.00	61.65 4.39 0.00	90.47 6.15 0.00	84.19 6.02 0.00	97.44 7.28 0.00	65.06 4.95 0.00	60.56 3.84 0.00	64.89 3.52 0.00	102.36 4.21 0.00	110.04 4.60 0.00	100.68 5.11 0.00	105.29 6.49 0.00	102.31 6.23 0.00	85.48 6.58 0.00	108.85 9.79 -0.54	99.85 8.82 -3.97	59.08 5.19 0.00	65.69 5.38 0.00	54.24 4.34 0.00	68.82 5.18 0.00	64.69 5.36 0.00
CPV_VALLEY__CC1 323721	82.55 1.32 0.00	82.65 1.23 0.00	50.41 0.64 0.00	55.20 0.61 0.00	57.92 0.66 0.00	85.32 1.00 0.00	79.73 1.55 0.00	92.75 2.59 0.00	61.88 1.78 0.00	58.00 1.28 0.00	62.61 1.23 0.00	99.72 1.57 0.00	106.92 1.49 0.00	97.27 1.71 0.00	100.83 2.03 0.00	98.58 2.51 0.00	81.81 2.91 0.00	103.21 4.56 -0.13	94.15 4.13 -2.97	56.59 2.69 0.00	62.95 2.63 0.00	51.81 1.92 0.00	65.47 1.83 0.00	60.96 1.63 0.00
CPV_VALLEY__CC2 323722	82.55 1.32 0.00	82.65 1.23 0.00	50.41 0.64 0.00	55.20 0.61 0.00	57.92 0.66 0.00	85.32 1.00 0.00	79.73 1.55 0.00	92.75 2.59 0.00	61.88 1.78 0.00	58.00 1.28 0.00	62.61 1.23 0.00	99.72 1.57 0.00	106.92 1.49 0.00	97.27 1.71 0.00	100.83 2.03 0.00	98.58 2.51 0.00	81.81 2.91 0.00	103.21 4.56 -0.13	94.15 4.13 -2.97	56.59 2.69 0.00	62.95 2.63 0.00	51.81 1.92 0.00	65.47 1.83 0.00	60.96 1.63 0.00
CRESCENT__HYD 24018	84.83 3.59 0.00	84.92 3.50 0.00	51.85 2.08 0.00	56.92 2.33 0.00	59.75 2.49 0.00	87.42 3.10 0.00	81.32 3.15 0.00	94.45 4.29 0.00	63.00 2.89 0.00	59.12 2.40 0.00	63.84 2.46 0.00	101.72 3.57 0.00	109.18 3.75 0.00	99.44 3.87 0.00	102.97 4.18 0.00	100.52 4.44 0.00	83.13 4.23 0.00	105.97 6.11 -1.34	96.71 5.42 -4.23	57.16 3.27 0.00	63.74 3.43 0.00	52.66 2.77 0.00	66.81 3.17 0.00	62.40 3.07 0.00
CRICKET__VALLEY_CC1 323756	83.71 2.47 0.00	83.88 2.46 0.00	51.17 1.41 0.00	56.05 1.46 0.00	58.77 1.51 0.00	86.30 1.98 0.00	80.63 2.45 0.00	93.88 3.72 0.00	62.70 2.59 0.00	58.68 1.96 0.00	63.58 2.20 0.00	101.35 3.21 0.00	108.58 3.15 0.00	98.74 3.17 0.00	102.48 3.69 0.00	100.26 4.19 0.00	83.25 4.35 0.00	105.09 6.39 -0.18	96.42 5.77 -3.59	57.51 3.62 0.00	63.93 3.62 0.00	52.64 2.75 0.00	66.57 2.93 0.00	62.02 2.70 0.00
CRICKET__VALLEY_CC2 323757	83.71 2.47 0.00	83.88 2.46 0.00	51.17 1.41 0.00	56.05 1.46 0.00	58.77 1.51 0.00	86.30 1.98 0.00	80.63 2.45 0.00	93.88 3.72 0.00	62.70 2.59 0.00	58.68 1.96 0.00	63.58 2.20 0.00	101.35 3.21 0.00	108.58 3.15 0.00	98.74 3.17 0.00	102.48 3.69 0.00	100.26 4.19 0.00	83.25 4.35 0.00	105.09 6.39 -0.18	96.42 5.77 -3.59	57.51 3.62 0.00	63.93 3.62 0.00	52.64 2.75 0.00	66.57 2.93 0.00	62.02 2.70 0.00
CRICKET__VALLEY_CC3 323758	83.71 2.47 0.00	83.88 2.46 0.00	51.17 1.41 0.00	56.05 1.46 0.00	58.77 1.51 0.00	86.30 1.98 0.00	80.63 2.45 0.00	93.88 3.72 0.00	62.70 2.59 0.00	58.68 1.96 0.00	63.58 2.20 0.00	101.35 3.21 0.00	108.58 3.15 0.00	98.74 3.17 0.00	102.48 3.69 0.00	100.26 4.19 0.00	83.25 4.35 0.00	105.09 6.39 -0.18	96.42 5.77 -3.59	57.51 3.62 0.00	63.93 3.62 0.00	52.64 2.75 0.00	66.57 2.93 0.00	62.02 2.70 0.00
CRUCIBLE_METL_DRP 24180	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
DAHOWA__HYDRO 323763	86.73 5.49 0.00	86.82 5.39 0.00	52.99 3.22 0.00	58.17 3.58 0.00	61.12 3.86 0.00	89.71 5.39 0.00	83.68 5.51 0.00	97.27 7.11 0.00	64.87 4.77 0.00	60.71 3.99 0.00	65.44 4.06 0.00	104.10 5.95 0.00	111.70 6.27 0.00	101.62 6.05 0.00	105.24 6.45 0.00	103.12 7.04 0.00	85.62 6.72 0.00	109.61 9.53 -1.56	99.72 8.36 -4.29	59.03 5.13 0.00	65.70 5.39 0.00	54.21 4.32 0.00	68.70 5.05 0.00	64.06 4.73 0.00
DANC__LFGE 323619	80.96 -0.28 0.00	80.28 -1.14 0.00	48.97 -0.80 0.00	54.21 -0.38 0.00	57.03 -0.23 0.00	84.52 0.20 0.00	79.09 0.91 0.00	91.05 0.89 0.00	60.56 0.45 0.00	56.58 -0.14 0.00	60.44 -0.93 0.00	97.87 -0.28 0.00	104.59 -0.84 0.00	94.21 -1.36 0.00	97.16 -1.64 0.00	95.92 -0.15 0.00	79.46 0.56 0.00	100.03 1.52 0.00	88.71 1.39 -0.27	54.92 1.03 0.00	61.46 1.16 0.00	50.69 0.80 0.00	64.30 0.65 0.00	59.64 0.31 0.00
DANSKAMMER__1 23586	84.49 3.26 0.00	84.57 3.14 0.00	51.57 1.80 0.00	56.47 1.89 0.00	59.26 1.99 0.00	87.33 3.01 0.00	81.70 3.52 0.00	95.15 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.96 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.29 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.42 0.00	64.82 4.51 0.00	53.32 3.42 0.00	67.29 3.64 0.00	62.59 3.26 0.00
DANSKAMMER__2 23589	84.49 3.26 0.00	84.57 3.14 0.00	51.57 1.80 0.00	56.47 1.89 0.00	59.26 1.99 0.00	87.33 3.01 0.00	81.70 3.52 0.00	95.15 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.96 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.29 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.42 0.00	64.82 4.51 0.00	53.32 3.42 0.00	67.29 3.64 0.00	62.59 3.26 0.00
DANSKAMMER__3 23590	84.49 3.26 0.00	84.57 3.14 0.00	51.57 1.80 0.00	56.47 1.89 0.00	59.26 1.99 0.00	87.33 3.01 0.00	81.70 3.52 0.00	95.15 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.96 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.29 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.42 0.00	64.82 4.51 0.00	53.32 3.42 0.00	67.29 3.64 0.00	62.59 3.26 0.00

DANSKAMMER___4 23591	84.49 3.26 0.00	84.57 3.14 0.00	51.57 1.80 0.00	56.47 1.89 0.00	59.26 1.99 0.00	87.33 3.01 0.00	81.70 3.52 0.00	95.15 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.96 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.29 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.42 0.00	64.82 4.51 0.00	53.32 3.42 0.00	67.29 3.64 0.00	62.59 3.26 0.00
DANSKAMMER___DIESEL 23592	84.50 3.26 0.00	84.57 3.15 0.00	51.57 1.80 0.00	56.48 1.89 0.00	59.26 2.00 0.00	87.32 3.00 0.00	81.70 3.52 0.00	95.16 5.00 0.00	63.50 3.39 0.00	59.45 2.73 0.00	64.15 2.78 0.00	102.11 3.97 0.00	109.44 4.01 0.00	99.65 4.08 0.00	103.44 4.64 0.00	101.25 5.18 0.00	84.18 5.28 0.00	106.40 7.73 -0.16	97.42 6.95 -3.41	58.32 4.43 0.00	64.82 4.51 0.00	53.32 3.43 0.00	67.28 3.64 0.00	62.59 3.27 0.00
DARBY___SOLAR 323810	86.20 4.97 0.00	86.28 4.86 0.00	52.68 2.91 0.00	57.82 3.23 0.00	60.75 3.49 0.00	89.10 4.78 0.00	83.08 4.90 0.00	96.55 6.39 0.00	64.36 4.25 0.00	60.26 3.54 0.00	64.96 3.59 0.00	103.37 5.23 0.00	110.96 5.53 0.00	100.90 5.34 0.00	104.60 5.81 0.00	102.44 6.37 0.00	84.98 6.08 0.00	108.68 8.62 -1.54	98.92 7.58 -4.28	58.54 4.65 0.00	65.19 4.88 0.00	53.79 3.90 0.00	68.20 4.56 0.00	63.61 4.28 0.00
DASHVILLE___HYD 23610	83.84 2.60 0.00	83.99 2.56 0.00	51.22 1.45 0.00	56.11 1.52 0.00	58.87 1.61 0.00	86.63 2.31 0.00	80.93 2.76 0.00	94.20 4.05 0.00	62.87 2.76 0.00	58.99 2.27 0.00	63.80 2.43 0.00	101.60 3.45 0.00	108.92 3.48 0.00	99.18 3.61 0.00	102.94 4.14 0.00	100.57 4.49 0.00	83.51 4.61 0.00	105.59 6.84 -0.23	96.78 6.21 -3.51	57.83 3.94 0.00	64.32 4.01 0.00	52.92 3.02 0.00	66.84 3.19 0.00	62.24 2.91 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	85.03 3.79 0.00	85.02 3.59 0.00	51.54 1.77 0.00	56.46 1.87 0.00	59.34 2.08 0.00	88.14 3.82 0.00	84.25 6.07 0.00	97.87 7.71 0.00	64.86 4.76 0.00	60.07 3.35 0.00	64.89 3.51 0.00	102.23 4.08 0.00	109.18 3.75 0.00	99.46 3.89 0.00	102.87 4.07 0.00	101.57 5.50 0.00	85.35 6.45 0.00	107.80 9.13 -0.15	99.32 8.85 -3.42	69.24 5.63 -9.72	65.72 5.41 0.00	53.92 3.98 -0.05	67.94 4.28 -0.02	68.18 4.20 -4.65
DELAWARE___LFGE 323621	82.78 1.55 0.00	83.17 1.75 0.00	50.83 1.06 0.00	55.73 1.14 0.00	58.51 1.25 0.00	86.05 1.73 0.00	80.06 1.88 0.00	92.80 2.64 0.00	62.00 1.90 0.00	58.23 1.50 0.00	62.88 1.51 0.00	100.52 2.38 0.00	107.91 2.47 0.00	97.94 2.37 0.00	101.55 2.75 0.00	98.94 2.87 0.00	81.65 2.75 0.00	102.92 4.18 -0.22	92.29 3.73 -1.50	56.30 2.41 0.00	62.74 2.43 0.00	51.67 1.77 0.00	65.54 1.90 0.00	61.12 1.79 0.00
DERFIELD_115KV_TB7 355931	81.72 0.49 0.00	81.90 0.48 0.00	50.02 0.25 0.00	54.87 0.28 0.00	57.60 0.34 0.00	84.73 0.41 0.00	78.66 0.49 0.00	90.95 0.79 0.00	60.66 0.55 0.00	57.11 0.39 0.00	61.68 0.31 0.00	98.64 0.49 0.00	105.91 0.47 0.00	96.06 0.49 0.00	99.39 0.60 0.00	96.82 0.75 0.00	79.73 0.83 0.00	99.90 1.38 0.00	88.28 1.22 0.00	54.68 0.79 0.00	61.07 0.76 0.00	50.47 0.57 0.00	64.21 0.57 0.00	59.88 0.55 0.00
DOGLEVILLE___HYD 23807	84.13 2.90 0.00	84.58 3.16 0.00	51.47 1.70 0.00	56.30 1.72 0.00	59.28 2.02 0.00	86.83 2.51 0.00	80.84 2.66 0.00	94.67 4.51 0.00	63.12 3.02 0.00	58.38 1.65 0.00	61.37 0.00 0.00	97.64 -0.50 0.00	105.21 -0.22 0.00	95.70 0.13 0.00	99.28 0.48 0.00	98.35 2.28 0.00	82.88 3.98 0.00	105.58 7.06 0.00	93.57 6.51 0.00	58.14 4.24 0.00	64.33 4.02 0.00	53.20 3.30 0.00	66.82 3.17 0.00	62.72 3.40 0.00
DUNKIRK___115KV_TB_200 55889	76.87 -4.37 0.00	77.09 -4.33 0.00	47.46 -2.31 0.00	52.05 -2.54 0.00	54.78 -2.48 0.00	82.27 -2.05 0.00	75.20 -2.98 0.00	86.13 -4.03 0.00	58.26 -1.85 0.00	55.81 -0.91 0.00	59.22 -2.15 0.00	94.28 -3.86 0.00	100.49 -4.94 0.00	90.46 -5.11 0.00	93.62 -5.18 0.00	91.29 -4.78 0.00	74.61 -4.29 0.00	93.33 -5.19 0.00	83.35 -4.35 -0.64	51.45 -2.44 0.00	57.40 -2.91 0.00	47.63 -2.27 0.00	60.38 -3.27 0.00	56.10 -3.23 0.00
DUNKIRK___1 23563	76.87 -4.37 0.00	77.09 -4.33 0.00	47.46 -2.31 0.00	52.05 -2.54 0.00	54.78 -2.48 0.00	82.27 -2.05 0.00	75.20 -2.98 0.00	86.13 -4.03 0.00	58.26 -1.85 0.00	55.81 -0.91 0.00	59.22 -2.15 0.00	94.28 -3.86 0.00	100.49 -4.94 0.00	90.46 -5.11 0.00	93.62 -5.18 0.00	91.29 -4.78 0.00	74.61 -4.29 0.00	93.33 -5.19 0.00	83.35 -4.35 -0.64	51.45 -2.44 0.00	57.40 -2.91 0.00	47.63 -2.27 0.00	60.38 -3.27 0.00	56.10 -3.23 0.00
DUNKIRK___2 23564	76.87 -4.37 0.00	77.09 -4.33 0.00	47.46 -2.31 0.00	52.05 -2.54 0.00	54.78 -2.48 0.00	82.27 -2.05 0.00	75.20 -2.98 0.00	86.13 -4.03 0.00	58.26 -1.85 0.00	55.81 -0.91 0.00	59.22 -2.15 0.00	94.28 -3.86 0.00	100.49 -4.94 0.00	90.46 -5.11 0.00	93.62 -5.18 0.00	91.29 -4.78 0.00	74.61 -4.29 0.00	93.33 -5.19 0.00	83.35 -4.35 -0.64	51.45 -2.44 0.00	57.40 -2.91 0.00	47.63 -2.27 0.00	60.38 -3.27 0.00	56.10 -3.23 0.00
DUNKIRK___3 23565	76.55 -4.68 0.00	76.78 -4.65 0.00	47.26 -2.51 0.00	51.84 -2.75 0.00	54.55 -2.71 0.00	81.88 -2.44 0.00	74.78 -3.40 0.00	85.61 -4.54 0.00	57.93 -2.18 0.00	55.46 -1.26 0.00	58.92 -2.46 0.00	93.80 -4.34 0.00	100.01 -5.42 0.00	90.10 -5.47 0.00	93.30 -5.50 0.00	90.93 -5.15 0.00	74.25 -4.65 0.00	92.81 -5.70 0.00	82.85 -4.83 -0.63	51.14 -2.75 0.00	57.09 -3.22 0.00	47.35 -2.55 0.00	60.06 -3.58 0.00	55.82 -3.51 0.00
DUNKIRK___4 23566	76.55 -4.68 0.00	76.78 -4.65 0.00	47.26 -2.51 0.00	51.84 -2.75 0.00	54.55 -2.71 0.00	81.88 -2.44 0.00	74.78 -3.40 0.00	85.61 -4.54 0.00	57.93 -2.18 0.00	55.46 -1.26 0.00	58.92 -2.46 0.00	93.80 -4.34 0.00	100.01 -5.42 0.00	90.10 -5.47 0.00	93.30 -5.50 0.00	90.93 -5.15 0.00	74.25 -4.65 0.00	92.81 -5.70 0.00	82.85 -4.83 -0.63	51.14 -2.75 0.00	57.09 -3.22 0.00	47.35 -2.55 0.00	60.06 -3.58 0.00	55.82 -3.51 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	83.85 2.61 0.00	83.88 2.46 0.00	51.12 1.35 0.00	55.94 1.36 0.00	58.70 1.44 0.00	86.56 2.24 0.00	81.08 2.90 0.00	94.67 4.52 0.00	63.18 3.08 0.00	59.18 2.46 0.00	63.87 2.50 0.00	101.66 3.52 0.00	108.97 3.54 0.00	99.19 3.62 0.00	102.82 4.03 0.00	100.71 4.64 0.00	83.75 4.85 0.00	105.81 7.14 -0.15	96.92 6.45 -3.42	58.09 4.20 0.00	64.52 4.21 0.00	53.02 3.12 0.00	66.83 3.19 0.00	62.19 2.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	83.71 2.48 0.00	83.82 2.39 0.00	51.09 1.32 0.00	55.95 1.36 0.00	58.71 1.45 0.00	86.53 2.21 0.00	80.95 2.77 0.00	94.25 4.10 0.00	62.90 2.79 0.00	58.90 2.18 0.00	63.53 2.15 0.00	101.08 2.93 0.00	108.35 2.92 0.00	98.62 3.05 0.00	102.33 3.54 0.00	100.19 4.11 0.00	83.26 4.36 0.00	105.23 6.56 -0.15	96.29 5.92 -3.31	57.69 3.79 0.00	64.13 3.82 0.00	52.76 2.87 0.00	66.60 2.95 0.00	61.97 2.64 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	84.09 2.85 0.00	84.12 2.70 0.00	51.26 1.49 0.00	56.08 1.49 0.00	58.83 1.57 0.00	86.87 2.56 0.00	81.50 3.32 0.00	94.53 4.38 0.00	63.09 2.99 0.00	59.11 2.38 0.00	63.77 2.39 0.00	101.40 3.26 0.00	108.72 3.29 0.00	98.96 3.39 0.00	102.60 3.80 0.00	100.50 4.43 0.00	83.65 4.75 0.00	105.73 7.06 -0.15	96.78 6.31 -3.42	58.05 4.16 0.00	64.43 4.12 0.00	52.95 3.06 0.00	66.61 2.97 0.00	62.00 2.67 0.00
E179THST_13_KV_LOAD 356214	84.42 3.18 0.00	84.44 3.02 0.00	51.45 1.69 0.00	56.28 1.69 0.00	59.04 1.78 0.00	87.20 2.88 0.00	81.83 3.66 0.00	94.95 4.79 0.00	63.39 3.28 0.00	59.39 2.67 0.00	64.08 2.70 0.00	101.90 3.76 0.00	109.30 3.86 0.00	99.46 3.90 0.00	103.09 4.30 0.00	101.01 4.94 0.00	84.09 5.20 0.00	106.29 7.62 -0.15	97.29 6.81 -3.42	58.36 4.46 0.00	64.77 4.46 0.00	53.23 3.33 0.00	66.94 3.29 0.00	62.27 2.94 0.00
EAST HAMPTON___GT 23717	83.73 2.49 0.00	83.71 2.29 0.00	50.74 0.97 0.00	55.58 0.99 0.00	58.47 1.21 0.00	87.00 2.68 0.00	84.39 6.22 0.00	97.95 7.80 0.00	64.82 4.71 0.00	59.95 3.23 0.00	65.01 3.64 0.00	101.62 3.47 0.00	107.90 2.47 0.00	97.97 2.41 0.00	101.20 2.41 0.00	100.09 4.02 0.00	84.20 5.30 0.00	105.83 7.16 -0.15	98.42 7.95 -3.42	68.79 5.18 -9.72	65.21 4.90 0.00	53.47 3.53 -0.05	67.50 3.84 -0.02	67.94 3.96 -4.65
EAST RIVER___6 23660	84.06 2.82 0.00	84.05 2.63 0.00	51.25 1.48 0.00	56.05 1.46 0.00	58.82 1.56 0.00	86.84 2.52 0.00	81.43 3.26 0.00	95.05 4.89 0.00	63.50 3.40 0.00	59.54 2.82 0.00	64.20 2.83 0.00	102.12 3.98 0.00	109.40 3.97 0.00	99.68 4.11 0.00	103.30 4.50 0.00	101.22 5.15 0.00	84.25 5.35 0.00	106.39 7.72 -0.15	97.40 6.93 -3.42	58.40 4.51 0.00	64.82 4.51 0.00	53.21 3.32 0.00	67.00 3.36 0.00	62.32 2.99 0.00
EAST RIVER___7 23524	84.06 2.82 0.00	84.05 2.63 0.00	51.25 1.48 0.00	56.05 1.46 0.00	58.82 1.56 0.00	86.84 2.52 0.00	81.43 3.26 0.00	95.05 4.89 0.00	63.50 3.40 0.00	59.54 2.82 0.00	64.20 2.83 0.00	102.12 3.98 0.00	109.40 3.97 0.00	99.68 4.11 0.00	103.30 4.50 0.00	101.22 5.15 0.00	84.25 5.35 0.00	106.39 7.72 -0.15	97.40 6.93 -3.42	58.40 4.51 0.00	64.82 4.51 0.00	53.21 3.32 0.00	67.00 3.36 0.00	62.32 2.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	83.76 2.52 0.00	83.80 2.38 0.00	51.08 1.31 0.00	55.91 1.32 0.00	58.65 1.39 0.00	86.48 2.16 0.00	80.98 2.81 0.00	94.47 4.31 0.00	63.03 2.93 0.00	59.05 2.33 0.00	63.72 2.35 0.00	101.43 3.28 0.00	108.70 3.27 0.00	98.94 3.37 0.00	102.58 3.79 0.00	100.43 4.36 0.00	83.52 4.62 0.00	105.51 6.85 -0.15	96.63 6.16 -3.41	57.89 4.00 0.00	64.32 4.01 0.00	52.89 2.99 0.00	66.67 3.02 0.00	62.05 2.72 0.00
EAST_HAMPTON___DIESEL 23722	83.47 2.23 0.00	83.43 2.01 0.00	50.57 0.80 0.00	55.40 0.81 0.00	58.27 1.01 0.00	86.73 2.41 0.00	84.29 6.11 0.00	97.80 7.64 0.00	64.70 4.60 0.00	59.85 3.13 0.00	64.93 3.56 0.00	101.39 3.24 0.00	107.60 2.17 0.00	97.62 2.05 0.00	100.83 2.04 0.00	99.75 3.68 0.00	83.94 5.04 0.00	105.51 6.84 -0.15	98.13 7.66 -3.42	68.63 5.01 -9.72	65.03 4.72 0.00	53.32 3.38 -0.05	67.33 3.67 -0.02	67.80 3.82 -4.65
EAST_POINT___SOLAR 323840	86.69 5.45 0.00	86.81 5.38 0.00	53.03 3.26 0.00	58.15 3.57 0.00	61.20 3.94 0.00	90.44 6.12 0.00	84.35 6.17 0.00	97.60 7.44 0.00	64.79 4.68 0.00	60.00 3.28 0.00	63.56 2.19 0.00	102.20 4.05 0.00	110.35 4.92 0.00	99.40 3.83 0.00	102.65 3.85 0.00	101.67 5.60 0.00	85.11 6.21 0.00	109.09 9.01 -1.57	99.84 8.08 -4.70	58.99 5.10 0.00	65.87 5.56 0.00	54.38 4.49 0.00	68.91 5.26 0.00	63.99 4.66 0.00
EAST_PULASKI___ESR 323781	79.05 -2.19 0.00	78.83 -2.59 0.00	48.18 -1.59 0.00	53.03 -1.55 0.00	55.75 -1.51 0.00	82.49 -1.83 0.00	76.85 -1.33 0.00	88.51 -1.65 0.00	59.07 -1.03 0.00	55.44 -1.28 0.00	59.67 -1.70 0.00	95.86 -2.29 0.00	102.70 -2.73 0.00	92.89 -2.67 0.00	95.99 -2.80 0.00	94.05 -2.02 0.00	77.53 -1.38 0.00	97.41 -1.10 0.00	86.47 -0.90 -0.31	53.45 -0.44 0.00	59.71 -0.60 0.00	49.31 -0.58 0.00	62.54 -0.58 0.00	58.08 -1.11 0.00
EAST_RIVER___1 323558	83.93 2.69 0.00	83.93 2.50 0.00	51.17 1.40 0.00	55.98 1.39 0.00	58.72 1.47 0.00	86.69 2.37 0.00	81.27 3.09 0.00	94.86 4.70 0.00	63.34 3.23 0.00	59.36 2.64 0.00	64.00 2.63 0.00	101.83 3.68 0.00	109.15 3.72 0.00	99.38 3.82 0.00	103.01 4.21 0.00	100.92 4.85 0.00	84.01 5.11 0.00	106.10 7.43 -0.15	97.15 6.67 -3.42	58.24 4.35 0.00	64.65 4.34 0.00	53.09 3.20 0.00	66.86 3.21 0.00	62.22 2.89 0.00
EAST_RIVER___2 323559	84.06 2.82 0.00	84.05 2.63 0.00	51.25 1.48 0.00	56.05 1.46 0.00	58.82 1.56 0.00	86.84 2.52 0.00	81.43 3.26 0.00	95.05 4.89 0.00	63.50 3.40 0.00	59.54 2.82 0.00	64.20 2.83 0.00	102.12 3.98 0.00	109.40 3.97 0.00	99.68 4.11 0.00	103.30 4.50 0.00	101.22 5.15 0.00	84.25 5.35 0.00	106.39 7.72 -0.15	97.40 6.93 -3.42	58.40 4.51 0.00	64.82 4.51 0.00	53.21 3.32 0.00	67.00 3.36 0.00	62.32 2.99 0.00
EAST___DELAWARE_HYD 23607	82.24 1.00 0.00	82.31 0.88 0.00	50.17 0.40 0.00	54.96 0.37 0.00	57.68 0.42 0.00	85.10 0.78 0.00	79.67 1.50 0.00	92.74 2.58 0.00	61.83 1.72 0.00	57.83 1.11 0.00	62.24 0.87 0.00	98.81 0.66 0.00	105.94 0.50 0.00	96.48 0.91 0.00	100.13 1.34 0.00	98.10 2.03 0.00	81.76 2.86 0.00	103.57 4.89 -0.16	94.66 4.48 -3.12	56.78 2.88 0.00	63.13 2.82 0.00	51.92 2.03 0.00	65.54 1.90 0.00	60.92 1.59 0.00
EIGHT_POINT___WT_PWR 323820	78.57 -2.66 0.00	78.77 -2.65 0.00	48.50 -1.27 0.00	53.05 -1.54 0.00	55.73 -1.53 0.00	83.11 -1.21 0.00	76.82 -1.36 0.00	88.45 -1.71 0.00	59.25 -0.86 0.00	55.71 -1.01 0.00	59.34 -2.03 0.00	92.99 -5.16 0.00	98.62 -6.81 0.00	89.01 -6.56 0.00	91.22 -7.58 0.00	88.72 -7.35 0.00	73.82 -5.08 0.00	93.85 -4.71 -0.04	84.18 -3.65 -0.77	52.35 -1.54 0.00	58.41 -1.90 0.00	48.13 -1.76 0.00	61.32 -2.32 0.00	57.46 -1.87 0.00
ELBRIDGE_115KV_TB2 80188	78.43 -2.81 0.00	78.68 -2.74 0.00	48.12 -1.65 0.00	52.82 -1.77 0.00	55.51 -1.75 0.00	82.06 -2.27 0.00	76.28 -1.90 0.00	87.95 -2.21 0.00	58.81 -1.30 0.00	55.35 -1.37 0.00	59.78 -1.59 0.00	95.46 -2.68 0.00	102.26 -3.17 0.00	92.88 -2.69 0.00	96.23 -2.56 0.00	93.82 -2.25 0.00	77.20 -1.69 0.00	96.90 -1.62 0.00	86.02 -1.48 -0.44	53.11 -0.78 0.00	59.16 -1.15 0.00	48.82 -1.08 0.00	61.98 -1.67 0.00	57.74 -1.59 0.00
ELEC_TRO_TEK 24086	84.73 3.49 0.00	84.77 3.35 0.00	51.48 1.71 0.00	56.37 1.78 0.00	59.17 1.91 0.00	87.35 3.03 0.00	81.99 3.81 0.00	95.58 5.42 0.00	63.68 3.57 0.00	59.48 2.76 0.00	64.21 2.84 0.00	102.08 3.93 0.00	109.46 4.03 0.00	99.63 4.06 0.00	103.42 4.62 0.00	101.45 5.37 0.00	84.51 5.61 0.00	106.82 8.15 -0.15	97.68 7.21 -3.42	68.50 4.89 -9.72	65.23 4.92 0.00	53.68 3.74 -0.05	67.47 3.71 -0.12	99.28 3.45 -36.50

ELLENBURG_WT_PWR 323604	82.14 0.90 0.00	82.43 1.01 0.00	50.27 0.50 0.00	55.12 0.54 0.00	57.49 0.23 0.00	84.21 -0.11 0.00	78.34 0.16 0.00	89.84 -0.32 0.00	59.27 -0.84 0.00	56.04 -0.68 0.00	60.71 -0.66 0.00	97.37 -0.77 0.00	104.82 -0.61 0.00	94.78 -0.79 0.00	97.41 -1.38 0.00	94.32 -1.75 0.00	77.21 -1.69 0.00	95.60 -2.92 0.00	84.31 -2.75 0.00	52.00 -1.89 0.00	58.90 -1.41 0.00	48.97 -0.93 0.00	63.09 -0.56 0.00	59.05 -0.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	75.56 -5.68 0.00	75.77 -5.65 0.00	46.66 -3.11 0.00	51.18 -3.41 0.00	53.85 -3.41 0.00	80.80 -3.52 0.00	73.61 -4.57 0.00	84.16 -6.00 0.00	56.96 -3.14 0.00	54.39 -2.33 0.00	58.06 -3.32 0.00	92.44 -5.70 0.00	98.77 -6.67 0.00	89.08 -6.48 0.00	92.26 -6.53 0.00	89.89 -6.19 0.00	73.25 -5.65 0.00	91.31 -7.21 0.00	81.46 -6.21 -0.61	50.25 -3.64 0.00	56.16 -4.14 0.00	46.57 -3.32 0.00	59.10 -4.55 0.00	54.94 -4.39 0.00
EMPIRE_CC_1 323656	83.68 2.44 0.00	83.58 2.15 0.00	51.04 1.28 0.00	56.19 1.60 0.00	58.95 1.69 0.00	85.87 1.56 0.00	79.85 1.67 0.00	92.73 2.57 0.00	61.82 1.72 0.00	58.11 1.39 0.00	62.99 1.62 0.00	100.42 2.28 0.00	107.74 2.31 0.00	98.25 2.68 0.00	101.68 2.89 0.00	99.19 3.11 0.00	81.90 3.00 0.00	103.34 4.39 -0.43	95.05 3.97 -4.02	56.01 2.12 0.00	62.49 2.18 0.00	51.79 1.90 0.00	65.82 2.18 0.00	61.58 2.25 0.00
EMPIRE_CC_2 323658	83.68 2.44 0.00	83.58 2.15 0.00	51.04 1.28 0.00	56.19 1.60 0.00	58.95 1.69 0.00	85.87 1.56 0.00	79.85 1.67 0.00	92.73 2.57 0.00	61.82 1.72 0.00	58.11 1.39 0.00	62.99 1.62 0.00	100.42 2.28 0.00	107.74 2.31 0.00	98.25 2.68 0.00	101.68 2.89 0.00	99.19 3.11 0.00	81.90 3.00 0.00	103.34 4.39 -0.43	95.05 3.97 -4.02	56.01 2.12 0.00	62.49 2.18 0.00	51.79 1.90 0.00	65.82 2.18 0.00	61.58 2.25 0.00
ENORWICH_115KV_TB1 80156	85.67 4.43 0.00	86.39 4.97 0.00	52.98 3.22 0.00	58.03 3.44 0.00	61.03 3.77 0.00	90.20 5.88 0.00	84.14 5.96 0.00	98.14 7.98 0.00	65.77 5.67 0.00	61.66 4.94 0.00	65.83 4.46 0.00	104.18 6.04 0.00	110.81 5.38 0.00	101.60 6.03 0.00	105.93 7.14 0.00	103.47 7.39 0.00	84.82 5.92 0.00	107.71 9.09 -0.10	96.32 8.16 -1.10	58.91 5.02 0.00	65.52 5.21 0.00	53.68 3.79 0.00	68.63 4.98 0.00	63.84 4.51 0.00
ERIE_ST__34_KV_TB1-2 80199	76.82 -4.42 0.00	76.98 -4.44 0.00	47.37 -2.40 0.00	51.97 -2.62 0.00	54.67 -2.59 0.00	82.03 -2.30 0.00	74.92 -3.25 0.00	85.81 -4.35 0.00	58.40 -1.71 0.00	55.82 -0.90 0.00	59.31 -2.06 0.00	94.65 -3.49 0.00	100.71 -4.72 0.00	90.95 -4.62 0.00	94.37 -4.43 0.00	91.93 -4.15 0.00	74.89 -4.01 0.00	93.53 -4.99 0.00	83.41 -4.29 -0.64	51.46 -2.43 0.00	57.42 -2.89 0.00	47.58 -2.32 0.00	60.35 -2.30 0.00	56.12 -3.21 0.00
ERIE_WT_PWR 323693	75.79 -5.10 0.35	76.36 -5.06 0.00	47.02 -2.75 0.00	51.54 -3.05 0.00	54.25 -3.01 0.00	81.38 -2.94 0.00	74.26 -3.91 0.00	84.93 -5.23 0.00	57.54 -2.56 0.00	54.96 -1.76 0.00	58.49 -2.88 0.00	93.19 -4.95 0.00	99.40 -6.03 0.00	89.71 -5.86 0.00	92.98 -5.82 0.00	90.59 -5.48 0.00	73.79 -5.11 0.00	92.18 -6.34 0.00	82.25 -5.43 -0.63	50.72 -3.17 0.00	56.69 -3.63 0.00	47.02 -2.88 0.00	59.63 -4.02 0.00	55.38 -3.94 0.00
ESPRGFLD_115KV_TB1 80157	83.99 2.75 0.00	84.27 2.85 0.00	51.53 1.76 0.00	56.46 1.88 0.00	59.40 2.14 0.00	87.73 3.41 0.00	81.70 3.52 0.00	94.44 4.28 0.00	63.04 2.94 0.00	59.12 2.40 0.00	63.56 2.18 0.00	101.71 3.56 0.00	109.13 3.70 0.00	98.57 3.00 0.00	102.16 3.37 0.00	99.97 3.90 0.00	82.63 3.73 0.00	104.92 5.28 -1.12	91.78 4.72 0.00	57.01 3.11 0.00	63.70 3.40 0.00	52.51 2.61 0.00	66.69 3.04 0.00	61.97 2.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	80.93 -0.31 0.00	81.20 -0.22 0.00	49.69 -0.08 0.00	54.51 -0.08 0.00	57.28 0.02 0.00	84.73 0.41 0.00	78.90 0.72 0.00	91.25 1.09 0.00	61.04 0.94 0.00	57.30 0.58 0.00	61.79 0.42 0.00	98.48 0.33 0.00	105.38 -0.05 0.00	95.76 0.19 0.00	99.42 0.63 0.00	97.03 0.95 0.00	79.95 1.05 0.00	100.75 2.18 -0.05	89.84 1.96 -0.82	55.25 1.36 0.00	61.48 1.17 0.00	50.67 0.77 0.00	64.33 0.68 0.00	59.88 0.55 0.00
ETNA____115KV_TB2 80207	80.93 -0.31 0.00	81.20 -0.22 0.00	49.69 -0.08 0.00	54.51 -0.08 0.00	57.28 0.02 0.00	84.73 0.41 0.00	78.90 0.72 0.00	91.25 1.09 0.00	61.04 0.94 0.00	57.30 0.58 0.00	61.79 0.42 0.00	98.48 0.33 0.00	105.38 -0.05 0.00	95.76 0.19 0.00	99.42 0.63 0.00	97.03 0.95 0.00	79.95 1.05 0.00	100.75 2.18 -0.05	89.84 1.96 -0.82	55.25 1.36 0.00	61.48 1.17 0.00	50.67 0.77 0.00	64.33 0.68 0.00	59.88 0.55 0.00
EUCLID__115KV_TB2 356179	78.02 -3.22 0.00	78.18 -3.24 0.00	47.84 -1.93 0.00	52.49 -2.10 0.00	55.14 -2.12 0.00	81.52 -2.80 0.00	75.66 -2.52 0.00	87.35 -2.81 0.00	58.40 -1.71 0.00	55.01 -1.71 0.00	59.39 -1.99 0.00	94.84 -3.30 0.00	101.82 -3.61 0.00	92.32 -3.25 0.00	95.63 -3.17 0.00	93.18 -2.89 0.00	76.64 -2.26 0.00	96.10 -2.42 0.00	85.32 -2.10 -0.36	52.65 -1.24 0.00	58.73 -1.58 0.00	48.49 -1.41 0.00	61.57 -2.08 0.00	57.30 -2.03 0.00
E_CANADA_CAP_HY 24051	85.40 4.17 0.00	85.55 4.13 0.00	52.28 2.51 0.00	57.28 2.69 0.00	60.25 3.00 0.00	89.01 4.69 0.00	82.83 4.65 0.00	95.64 5.48 0.00	63.64 3.53 0.00	59.47 2.75 0.00	63.60 2.23 0.00	101.80 3.66 0.00	109.42 3.98 0.00	98.51 2.94 0.00	102.02 3.23 0.00	100.30 4.23 0.00	83.24 4.34 0.00	106.04 6.06 -1.45	97.36 5.41 -4.89	57.41 3.52 0.00	64.25 3.94 0.00	53.18 3.29 0.00	67.54 3.90 0.00	62.75 3.43 0.00
E_CANADA_MHWK_HY 24050	84.13 2.90 0.00	84.58 3.16 0.00	51.47 1.70 0.00	56.30 1.72 0.00	59.28 2.02 0.00	86.83 2.51 0.00	80.84 2.66 0.00	94.67 4.51 0.00	63.12 3.02 0.00	58.38 1.65 0.00	61.37 0.00 0.00	97.64 -0.50 0.00	105.21 -0.22 0.00	95.70 0.13 0.00	99.28 0.48 0.00	98.35 2.28 0.00	82.88 3.98 0.00	105.58 7.06 0.00	93.57 6.51 0.00	58.14 4.24 0.00	64.33 4.02 0.00	53.20 3.30 0.00	66.82 3.17 0.00	62.72 3.40 0.00
E_FISHKILL__LBMP 23776	83.63 2.40 0.00	83.74 2.32 0.00	51.07 1.30 0.00	55.91 1.33 0.00	58.66 1.40 0.00	86.33 2.01 0.00	80.73 2.55 0.00	94.03 3.87 0.00	62.76 2.65 0.00	58.80 2.08 0.00	63.51 2.14 0.00	101.18 3.04 0.00	108.45 3.01 0.00	98.69 3.12 0.00	102.32 3.53 0.00	100.11 4.04 0.00	83.14 4.24 0.00	104.97 6.29 -0.15	96.21 5.67 -3.49	57.53 3.64 0.00	63.97 3.66 0.00	52.64 2.75 0.00	66.46 2.82 0.00	61.89 2.56 0.00
FALCON____SEABRD_CC1 323796	83.19 1.95 0.00	83.43 2.00 0.00	50.87 1.11 0.00	55.76 1.17 0.00	58.11 0.85 0.00	84.85 0.54 0.00	79.05 0.87 0.00	90.82 0.66 0.00	59.91 -0.20 0.00	56.52 -0.20 0.00	61.20 -0.17 0.00	98.05 -0.09 0.00	105.26 -0.18 0.00	95.33 -0.24 0.00	97.81 -0.99 0.00	94.72 -1.36 0.00	77.66 -1.24 0.00	96.32 -2.20 0.00	84.90 -2.16 0.00	52.39 -1.50 0.00	59.31 -1.00 0.00	49.23 -0.66 0.00	63.44 -0.20 0.00	59.74 0.41 0.00

FALCON___SEABRD_CC2 323797	83.19 1.95 0.00	83.43 2.00 0.00	50.87 1.11 0.00	55.76 1.17 0.00	58.11 0.85 0.00	84.85 0.54 0.00	79.05 0.87 0.00	90.82 0.66 0.00	59.91 -0.20 0.00	56.52 -0.20 0.00	61.20 -0.17 0.00	98.05 -0.09 0.00	105.26 -0.18 0.00	95.33 -0.24 0.00	97.81 -0.99 0.00	94.72 -1.36 0.00	77.66 -1.24 0.00	96.32 -2.20 0.00	84.90 -2.16 0.00	52.39 -1.50 0.00	59.31 -1.00 0.00	49.23 -0.66 0.00	63.44 -0.20 0.00	59.74 0.41 0.00
FAR ROCKAWAY___4 23548	85.69 4.45 0.00	85.69 4.27 0.00	52.03 2.26 0.00	56.97 2.38 0.00	59.78 2.52 0.00	88.29 3.97 0.00	82.94 4.77 0.00	96.66 6.50 0.00	64.10 3.99 0.00	59.91 3.18 0.00	64.65 3.27 0.00	102.73 4.59 0.00	110.13 4.70 0.00	100.27 4.70 0.00	104.18 5.39 0.00	102.14 6.07 0.00	85.10 6.20 0.00	108.06 9.39 -0.15	98.82 8.34 -3.42	69.20 5.58 -9.72	66.05 5.74 0.00	54.40 4.45 -0.05	68.59 4.66 -0.28	147.94 4.28 -84.34
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	83.93 2.69 0.00	83.93 2.51 0.00	51.17 1.40 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.67 2.36 0.00	81.26 3.09 0.00	94.84 4.68 0.00	63.31 3.21 0.00	59.33 2.61 0.00	63.97 2.59 0.00	101.76 3.61 0.00	109.06 3.63 0.00	99.34 3.78 0.00	102.94 4.14 0.00	100.86 4.79 0.00	83.94 5.04 0.00	106.06 7.39 -0.15	97.10 6.63 -3.42	58.22 4.32 0.00	64.63 4.32 0.00	53.10 3.20 0.00	66.86 3.21 0.00	62.21 2.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	83.98 2.74 0.00	83.97 2.54 0.00	51.20 1.43 0.00	56.01 1.42 0.00	58.76 1.50 0.00	86.74 2.42 0.00	81.31 3.14 0.00	94.90 4.74 0.00	63.33 3.23 0.00	59.35 2.63 0.00	63.99 2.62 0.00	101.80 3.66 0.00	109.10 3.67 0.00	99.34 3.78 0.00	102.99 4.19 0.00	100.92 4.84 0.00	83.98 5.08 0.00	106.10 7.43 -0.15	97.16 6.68 -3.42	58.26 4.36 0.00	64.68 4.37 0.00	53.12 3.23 0.00	66.89 3.25 0.00	62.23 2.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	83.83 2.60 0.00	83.84 2.42 0.00	51.12 1.35 0.00	55.92 1.33 0.00	58.66 1.40 0.00	86.59 2.27 0.00	81.17 2.99 0.00	94.72 4.56 0.00	63.22 3.12 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.61 3.46 0.00	108.92 3.49 0.00	99.17 3.60 0.00	102.79 3.99 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.91 7.24 -0.15	96.97 6.49 -3.42	58.14 4.25 0.00	64.55 4.24 0.00	53.02 3.12 0.00	66.77 3.12 0.00	62.11 2.78 0.00
FARRAGUT___LBMP 323566	83.83 2.60 0.00	83.84 2.42 0.00	51.12 1.35 0.00	55.92 1.33 0.00	58.66 1.40 0.00	86.59 2.27 0.00	81.17 2.99 0.00	94.72 4.56 0.00	63.22 3.12 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.61 3.46 0.00	108.92 3.49 0.00	99.17 3.60 0.00	102.79 3.99 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.91 7.24 -0.15	96.97 6.49 -3.42	58.14 4.25 0.00	64.55 4.24 0.00	53.02 3.12 0.00	66.77 3.12 0.00	62.11 2.78 0.00
FENNER___WINDPWR 24204	82.04 0.80 0.00	82.17 0.75 0.00	50.27 0.50 0.00	55.21 0.62 0.00	57.99 0.73 0.00	85.73 1.41 0.00	79.88 1.70 0.00	92.38 2.22 0.00	61.70 1.59 0.00	57.99 1.27 0.00	62.46 1.08 0.00	99.77 1.63 0.00	107.00 1.57 0.00	96.98 1.41 0.00	100.58 1.79 0.00	98.08 2.01 0.00	80.90 2.00 0.00	101.41 2.89 0.00	90.00 2.48 -0.46	55.49 1.59 0.00	61.89 1.58 0.00	51.10 1.21 0.00	64.93 1.28 0.00	60.39 1.06 0.00
FIBERTEK___ENERGY 23856	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
FITZPATRICK____ 23598	77.35 -3.88 0.00	77.51 -3.91 0.00	47.42 -2.35 0.00	52.02 -2.56 0.00	54.62 -2.64 0.00	80.65 -3.67 0.00	74.83 -3.35 0.00	86.34 -3.82 0.00	57.69 -2.42 0.00	54.36 -2.36 0.00	58.70 -2.67 0.00	93.82 -4.33 0.00	100.70 -4.73 0.00	91.28 -4.29 0.00	94.47 -4.33 0.00	92.04 -4.04 0.00	75.68 -3.22 0.00	94.78 -3.73 0.00	84.06 -3.27 -0.27	51.90 -1.99 0.00	57.95 -2.36 0.00	47.88 -2.01 0.00	60.88 -2.77 0.00	56.68 -2.65 0.00
FLOWRFLD_69_KV_BK1 356044	85.72 4.49 0.00	85.73 4.31 0.00	51.96 2.19 0.00	56.91 2.32 0.00	59.77 2.51 0.00	88.57 4.24 0.00	83.41 5.23 0.00	97.08 6.92 0.00	64.43 4.33 0.00	59.83 3.11 0.00	64.44 3.06 0.00	102.35 4.21 0.00	109.92 4.49 0.00	100.51 4.93 0.00	104.23 5.44 0.00	102.62 6.54 0.00	85.95 7.05 0.00	108.87 10.21 -0.15	99.54 9.07 -3.42	69.62 6.01 -9.72	66.28 5.97 0.00	54.39 4.45 -0.05	68.16 4.50 -0.02	68.42 4.23 -4.86
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	84.66 3.43 0.00	84.74 3.32 0.00	51.67 1.90 0.00	56.58 1.99 0.00	59.38 2.12 0.00	87.50 3.19 0.00	81.89 3.71 0.00	95.38 5.22 0.00	63.63 3.53 0.00	59.58 2.86 0.00	64.29 2.92 0.00	102.34 4.20 0.00	109.67 4.24 0.00	99.86 4.29 0.00	103.66 4.86 0.00	101.50 5.43 0.00	84.37 5.47 0.00	106.67 8.00 -0.16	97.67 7.18 -3.43	58.48 4.58 0.00	64.97 4.66 0.00	53.44 3.55 0.00	67.43 3.78 0.00	62.74 3.41 0.00
FORT ORANGE____ 23900	84.00 2.76 0.00	84.15 2.72 0.00	51.38 1.61 0.00	56.39 1.80 0.00	59.16 1.90 0.00	86.46 2.14 0.00	80.09 1.91 0.00	92.60 2.44 0.00	61.80 1.69 0.00	58.05 1.33 0.00	62.52 1.15 0.00	99.36 1.22 0.00	106.64 1.21 0.00	97.34 1.77 0.00	100.69 1.89 0.00	97.85 1.77 0.00	80.84 1.94 0.00	102.34 3.08 -0.73	93.99 2.79 -4.14	55.51 1.62 0.00	61.85 1.54 0.00	51.22 1.33 0.00	65.14 1.50 0.00	61.58 2.25 0.00
FORT_DRUM_COGEN 23780	83.62 2.39 0.00	82.60 1.18 0.00	50.29 0.52 0.00	55.84 1.25 0.00	58.73 1.47 0.00	87.19 2.87 0.00	81.95 3.77 0.00	94.39 4.24 0.00	62.61 2.50 0.00	58.41 1.69 0.00	62.05 0.68 0.00	101.01 2.87 0.00	107.85 2.42 0.00	96.82 1.25 0.00	99.64 0.85 0.00	98.75 2.68 0.00	82.13 3.23 0.00	103.53 5.01 0.00	91.72 4.45 -0.21	56.87 2.98 0.00	63.77 3.46 0.00	52.50 2.60 0.00	66.61 2.97 0.00	61.71 2.38 0.00
FOX_HILLS___ESR 323835	83.51 2.27 0.00	83.49 2.06 0.00	50.88 1.12 0.00	55.63 1.04 0.00	58.33 1.07 0.00	38.69 1.87 47.50	-53.70 2.71 134.59	94.27 4.11 0.00	62.94 2.84 0.00	31.24 2.30 27.77	63.65 2.27 0.00	99.10 3.01 2.06	69.39 3.03 39.07	75.32 3.22 23.47	82.43 3.62 19.99	86.44 4.27 13.91	78.91 4.69 4.68	96.68 7.18 9.02	99.74 6.26 -6.43	156.48 4.35 -98.24	61.73 4.33 2.91	58.32 3.18 -5.25	68.40 3.14 -1.61	62.16 2.78 -0.06
FPL FAR_ROCK_GT1 24212	85.68 4.45 0.00	85.68 4.26 0.00	52.03 2.26 0.00	56.96 2.37 0.00	59.78 2.52 0.00	88.29 3.97 0.00	82.94 4.77 0.00	96.66 6.50 0.00	64.10 3.99 0.00	59.91 3.18 0.00	64.65 3.27 0.00	102.73 4.59 0.00	110.13 4.70 0.00	100.29 4.72 0.00	104.18 5.38 0.00	102.14 6.07 0.00	85.10 6.20 0.00	108.06 9.39 -0.15	98.82 8.34 -3.42	69.20 5.58 -9.72	66.06 5.76 0.00	54.39 4.45 -0.05	68.59 4.66 -0.28	147.94 4.28 -84.34

FPL FAR_ROCK_GT2 23815	85.68 4.45 0.00	85.68 4.26 0.00	52.03 2.26 0.00	56.96 2.37 0.00	59.78 2.52 0.00	88.29 3.97 0.00	82.94 4.77 0.00	96.66 6.50 0.00	64.10 3.99 0.00	59.91 3.18 0.00	64.65 3.27 0.00	102.73 4.59 0.00	110.13 4.70 0.00	100.29 4.72 0.00	104.18 5.38 0.00	102.14 6.07 0.00	85.10 6.20 0.00	108.06 9.39 -0.15	98.82 8.34 -3.42	69.20 5.58 -9.72	66.06 5.76 0.00	54.39 4.45 -0.05	68.59 4.66 -0.28	147.94 4.28 -84.34
FRANKLIN_FALL_HYD 24054	83.65 2.41 0.00	83.80 2.38 0.00	51.15 1.38 0.00	56.17 1.58 0.00	58.54 1.28 0.00	85.94 1.62 0.00	79.89 1.72 0.00	91.67 1.51 0.00	60.58 0.48 0.00	57.55 0.83 0.00	62.39 1.01 0.00	100.09 1.94 0.00	107.97 2.54 0.00	97.34 1.77 0.00	100.12 1.32 0.00	96.77 0.70 0.00	79.00 0.10 0.00	97.85 -0.67 0.00	86.33 -0.73 0.00	53.31 -0.59 0.00	60.55 0.24 0.00	50.27 0.37 0.00	64.77 1.12 0.00	60.55 1.22 0.00
FREEPORT_EQUS_GT1 23764	85.17 3.94 0.00	85.20 3.78 0.00	51.73 1.96 0.00	56.64 2.05 0.00	59.45 2.19 0.00	87.84 3.52 0.00	82.25 4.08 0.00	95.96 5.80 0.00	64.02 3.91 0.00	59.71 2.99 0.00	64.44 3.07 0.00	102.37 4.23 0.00	109.84 4.41 0.00	99.95 4.38 0.00	103.81 5.02 0.00	101.83 5.76 0.00	84.94 6.04 0.00	107.11 8.45 -0.15	98.18 7.71 -3.42	68.93 5.31 -9.72	65.66 5.35 0.00	54.01 4.07 -0.05	67.84 4.09 -0.10	93.83 3.74 -30.76
FREEPORT___CT2 23818	85.17 3.94 0.00	85.20 3.78 0.00	51.73 1.96 0.00	56.64 2.05 0.00	59.45 2.19 0.00	87.84 3.52 0.00	82.25 4.08 0.00	95.96 5.80 0.00	64.02 3.91 0.00	59.71 2.99 0.00	64.44 3.07 0.00	102.37 4.23 0.00	109.84 4.41 0.00	99.95 4.38 0.00	103.81 5.02 0.00	101.83 5.76 0.00	84.94 6.04 0.00	107.11 8.45 -0.15	98.18 7.71 -3.42	68.93 5.31 -9.72	65.66 5.35 0.00	54.01 4.07 -0.05	67.84 4.09 -0.10	93.83 3.74 -30.76
FRESHKLS_33_KV_LOAD 356253	83.18 1.95 0.00	83.20 1.78 0.00	50.69 0.92 0.00	55.41 0.82 0.00	58.10 0.84 0.00	38.35 1.53 47.50	-53.95 2.45 134.59	93.99 3.84 0.00	62.75 2.64 0.00	31.06 2.12 27.77	63.44 2.07 0.00	98.67 2.59 2.06	68.92 2.56 39.07	74.90 2.81 23.47	82.08 3.28 19.99	86.12 3.96 13.91	78.69 4.47 4.68	97.21 6.96 8.27	99.80 6.00 -6.74	157.64 4.25 -99.49	62.07 4.23 2.47	58.20 3.06 -5.25	68.29 3.04 -1.61	62.08 2.70 -0.06
FULTON COGEN____ 23766	77.86 -3.38 0.00	77.98 -3.44 0.00	47.69 -2.08 0.00	52.32 -2.27 0.00	54.96 -2.30 0.00	81.28 -3.04 0.00	75.48 -2.69 0.00	87.18 -2.98 0.00	58.28 -1.83 0.00	54.89 -1.83 0.00	59.25 -2.12 0.00	94.64 -3.51 0.00	101.61 -3.82 0.00	92.12 -3.45 0.00	95.38 -3.42 0.00	92.98 -3.09 0.00	76.50 -2.40 0.00	95.97 -2.55 0.00	85.21 -2.19 -0.34	52.59 -1.30 0.00	58.67 -1.64 0.00	48.41 -1.49 0.00	61.43 -2.21 0.00	57.15 -2.18 0.00
FULTON___LFGE 323630	85.98 4.75 0.00	86.10 4.68 0.00	52.59 2.82 0.00	57.66 3.07 0.00	60.63 3.37 0.00	89.47 5.15 0.00	83.36 5.18 0.00	96.50 6.34 0.00	64.07 3.96 0.00	59.58 2.86 0.00	63.38 2.00 0.00	101.86 3.71 0.00	109.63 4.20 0.00	98.38 2.81 0.00	102.39 3.60 0.00	101.06 4.99 0.00	84.20 5.29 0.00	107.86 7.75 -1.59	98.67 6.96 -4.66	58.27 4.37 0.00	65.06 4.75 0.00	53.71 3.82 0.00	68.12 4.48 0.00	63.34 4.01 0.00
G.F.CEMENT___DRP 24184	87.52 6.28 0.00	87.55 6.13 0.00	53.46 3.70 0.00	58.70 4.11 0.00	61.72 4.46 0.00	90.57 6.25 0.00	84.70 6.52 0.00	98.54 8.38 0.00	65.74 5.64 0.00	61.47 4.75 0.00	66.34 4.96 0.00	105.36 7.21 0.00	112.92 7.48 0.00	102.71 7.14 0.00	106.45 7.66 0.00	104.49 8.42 0.00	86.76 7.86 0.00	111.19 11.06 -1.61	100.99 9.63 -4.31	59.85 5.96 0.00	66.56 6.25 0.00	54.87 4.98 0.00	69.53 5.89 0.00	64.81 5.49 0.00
GARDENVILLE___LBMP 24039	75.89 -5.35 0.00	76.11 -5.31 0.00	46.86 -2.91 0.00	51.39 -3.20 0.00	54.08 -3.18 0.00	81.14 -3.18 0.00	73.98 -4.20 0.00	84.62 -5.54 0.00	57.30 -2.81 0.00	54.72 -2.00 0.00	58.32 -3.05 0.00	92.89 -5.25 0.00	99.16 -6.28 0.00	89.44 -6.12 0.00	92.67 -6.13 0.00	90.28 -5.79 0.00	73.57 -5.33 0.00	91.81 -6.71 0.00	81.91 -5.77 -0.62	50.53 -3.36 0.00	56.47 -3.84 0.00	46.82 -3.08 0.00	59.40 -4.24 0.00	55.22 -4.10 0.00
GARDNVLA_35_KV_LD 355827	76.19 -5.05 0.00	76.39 -5.03 0.00	47.04 -2.74 0.00	51.58 -3.00 0.00	54.27 -2.99 0.00	81.44 -2.88 0.00	74.31 -3.87 0.00	85.00 -5.16 0.00	57.63 -2.47 0.00	55.01 -1.71 0.00	58.58 -2.79 0.00	93.36 -4.78 0.00	99.60 -5.83 0.00	89.89 -5.68 0.00	93.15 -5.65 0.00	90.75 -5.32 0.00	73.95 -4.95 0.00	92.28 -6.24 0.00	82.36 -5.33 -0.63	50.80 -3.10 0.00	56.76 -3.55 0.00	47.04 -2.85 0.00	59.68 -3.97 0.00	55.44 -3.89 0.00
GELCKHM___115KV_LOAD 80723	78.21 -3.03 0.00	78.38 -3.05 0.00	47.94 -1.83 0.00	52.61 -1.98 0.00	55.26 -2.00 0.00	81.73 -2.60 0.00	75.89 -2.29 0.00	87.60 -2.56 0.00	58.57 -1.53 0.00	55.17 -1.55 0.00	59.56 -1.81 0.00	95.10 -3.05 0.00	102.05 -3.38 0.00	92.56 -3.01 0.00	95.86 -2.93 0.00	93.43 -2.64 0.00	76.85 -2.05 0.00	96.42 -2.10 0.00	85.60 -1.84 -0.38	52.81 -1.08 0.00	58.89 -1.42 0.00	48.64 -1.26 0.00	61.74 -1.91 0.00	57.46 -1.87 0.00
GENERAL___MILLS 23808	76.11 -5.13 0.00	76.32 -5.11 0.00	46.98 -2.79 0.00	51.53 -3.06 0.00	54.21 -3.05 0.00	81.35 -2.97 0.00	74.21 -3.96 0.00	84.89 -5.27 0.00	57.53 -2.58 0.00	54.93 -1.79 0.00	58.51 -2.87 0.00	93.22 -4.93 0.00	99.47 -5.96 0.00	89.74 -5.83 0.00	92.98 -5.82 0.00	90.58 -5.49 0.00	73.83 -5.08 0.00	92.12 -6.39 0.00	82.19 -5.50 -0.63	50.70 -3.19 0.00	56.65 -3.66 0.00	46.97 -2.92 0.00	59.60 -4.05 0.00	55.38 -3.95 0.00
GE_PLASTICS___DRP 24183	83.42 2.18 0.00	83.62 2.20 0.00	51.06 1.29 0.00	56.04 1.45 0.00	58.78 1.52 0.00	86.11 1.79 0.00	80.01 1.84 0.00	92.61 2.45 0.00	61.79 1.69 0.00	58.07 1.35 0.00	62.66 1.29 0.00	99.86 1.72 0.00	107.26 1.83 0.00	97.70 2.13 0.00	101.03 2.23 0.00	98.29 2.22 0.00	81.18 2.28 0.00	102.50 3.39 -0.59	94.25 3.05 -4.14	55.71 1.81 0.00	62.12 1.81 0.00	51.38 1.49 0.00	65.27 1.63 0.00	61.19 1.87 0.00
GILBOA___1 23756	83.22 1.98 0.00	83.77 2.34 0.00	51.14 1.38 0.00	56.08 1.49 0.00	58.83 1.57 0.00	85.89 1.58 0.00	79.70 1.52 0.00	92.47 2.31 0.00	61.70 1.59 0.00	57.94 1.22 0.00	62.63 1.26 0.00	100.43 2.28 0.00	108.03 2.60 0.00	98.09 2.52 0.00	101.60 2.80 0.00	98.72 2.65 0.00	81.36 2.46 0.00	102.36 3.75 -0.09	93.73 3.37 -3.30	56.03 2.13 0.00	62.42 2.11 0.00	51.51 1.62 0.00	65.37 1.73 0.00	61.12 1.80 0.00
GILBOA___2 23757	83.22 1.98 0.00	83.77 2.34 0.00	51.14 1.38 0.00	56.08 1.49 0.00	58.83 1.57 0.00	85.89 1.58 0.00	79.70 1.52 0.00	92.47 2.31 0.00	61.70 1.59 0.00	57.94 1.22 0.00	62.63 1.26 0.00	100.43 2.28 0.00	108.03 2.60 0.00	98.09 2.52 0.00	101.60 2.80 0.00	98.72 2.65 0.00	81.36 2.46 0.00	102.36 3.75 -0.09	93.73 3.37 -3.30	56.03 2.13 0.00	62.42 2.11 0.00	51.51 1.62 0.00	65.37 1.73 0.00	61.12 1.80 0.00

GILBOA___3 23758	83.22 1.98 0.00	83.77 2.34 0.00	51.14 1.38 0.00	56.08 1.49 0.00	58.83 1.57 0.00	85.89 1.58 0.00	79.70 1.52 0.00	92.47 2.31 0.00	61.70 1.59 0.00	57.94 1.22 0.00	62.63 1.26 0.00	100.43 2.28 0.00	108.03 2.60 0.00	98.09 2.52 0.00	101.60 2.80 0.00	98.72 2.65 0.00	81.36 2.46 0.00	102.36 3.75 -0.09	93.73 3.37 -3.30	56.03 2.13 0.00	62.42 2.11 0.00	51.51 1.62 0.00	65.37 1.73 0.00	61.12 1.80 0.00
GILBOA___4 23759	83.22 1.98 0.00	83.77 2.34 0.00	51.14 1.38 0.00	56.08 1.49 0.00	58.83 1.57 0.00	85.89 1.58 0.00	79.70 1.52 0.00	92.47 2.31 0.00	61.70 1.59 0.00	57.94 1.22 0.00	62.63 1.26 0.00	100.43 2.28 0.00	108.03 2.60 0.00	98.09 2.52 0.00	101.60 2.80 0.00	98.72 2.65 0.00	81.36 2.46 0.00	102.36 3.75 -0.09	93.73 3.37 -3.30	56.03 2.13 0.00	62.42 2.11 0.00	51.51 1.62 0.00	65.37 1.73 0.00	61.12 1.80 0.00
GILBOA___ 23599	83.22 1.98 0.00	83.77 2.34 0.00	51.14 1.38 0.00	56.08 1.49 0.00	58.83 1.57 0.00	85.90 1.58 0.00	79.70 1.52 0.00	92.47 2.31 0.00	61.70 1.59 0.00	57.94 1.22 0.00	62.63 1.26 0.00	100.43 2.28 0.00	108.04 2.60 0.00	98.09 2.52 0.00	101.60 2.81 0.00	98.73 2.65 0.00	81.35 2.45 0.00	102.36 3.75 -0.09	93.73 3.38 -3.30	56.03 2.13 0.00	62.43 2.12 0.00	51.51 1.62 0.00	65.37 1.73 0.00	61.12 1.80 0.00
GINNA___ 23603	74.03 -7.06 0.15	74.39 -7.03 0.00	45.62 -4.15 0.00	50.06 -4.53 0.00	52.68 -4.58 0.00	78.51 -5.81 0.00	72.42 -5.76 0.00	83.19 -6.96 0.00	55.87 -4.24 0.00	52.90 -3.82 0.00	56.90 -4.47 0.00	90.88 -7.27 0.00	97.48 -7.95 0.00	88.20 -7.37 0.00	91.35 -7.45 0.00	89.05 -7.02 0.00	72.97 -5.93 0.00	91.26 -7.25 0.00	81.26 -6.25 -0.46	50.10 -3.80 0.00	55.90 -4.41 0.00	46.17 -3.72 0.00	58.50 -5.14 0.00	54.32 -5.01 0.00
GLEN PARK___ 23778	83.91 2.67 0.00	82.91 1.48 0.00	50.49 0.72 0.00	56.04 1.45 0.00	58.96 1.70 0.00	87.60 3.28 0.00	82.35 4.17 0.00	94.91 4.75 0.00	62.97 2.86 0.00	58.73 2.01 0.00	62.42 1.05 0.00	101.55 3.40 0.00	108.38 2.95 0.00	97.33 1.76 0.00	100.15 1.36 0.00	99.29 3.22 0.00	82.60 3.71 0.00	104.23 5.71 0.00	92.39 5.12 -0.22	57.28 3.39 0.00	64.19 3.88 0.00	52.82 2.93 0.00	66.98 3.34 0.00	61.99 2.66 0.00
GLENDALE_27_KV_LOAD 356172	84.22 2.98 0.00	84.21 2.79 0.00	51.30 1.54 0.00	56.12 1.53 0.00	58.88 1.62 0.00	86.98 2.66 0.00	81.63 3.45 0.00	95.12 4.96 0.00	63.51 3.40 0.00	59.53 2.81 0.00	64.20 2.83 0.00	102.09 3.94 0.00	109.45 4.01 0.00	99.65 4.08 0.00	103.31 4.51 0.00	101.21 5.14 0.00	84.27 5.37 0.00	108.06 7.85 -1.69	98.15 7.03 -4.06	61.09 4.63 -2.57	65.86 4.63 -0.92	53.38 3.49 0.00	67.12 3.48 0.00	62.39 3.06 0.00
GLENWOOD_IC_1_G5 23712	85.08 3.84 0.00	85.11 3.69 0.00	51.70 1.93 0.00	56.61 2.02 0.00	59.41 2.15 0.00	87.43 3.11 0.00	82.07 3.89 0.00	95.70 5.54 0.00	63.77 3.66 0.00	59.58 2.86 0.00	64.52 3.14 0.00	102.54 4.39 0.00	109.62 4.19 0.00	99.77 4.20 0.00	103.57 4.77 0.00	102.00 5.93 0.00	84.94 6.04 0.00	107.10 8.43 -0.15	97.90 7.43 -3.42	68.64 5.03 -9.72	65.40 5.09 0.00	53.79 3.85 -0.05	67.53 3.82 -0.07	83.99 3.54 -21.12
GLENWOOD_IC_2_G1 23688	84.91 3.67 0.00	84.94 3.51 0.00	51.60 1.83 0.00	56.48 1.90 0.00	59.29 2.03 0.00	87.49 3.17 0.00	82.09 3.91 0.00	95.70 5.54 0.00	63.77 3.66 0.00	59.57 2.85 0.00	64.35 2.97 0.00	102.32 4.17 0.00	109.64 4.21 0.00	99.81 4.25 0.00	103.54 4.75 0.00	101.71 5.64 0.00	84.75 5.85 0.00	107.07 8.40 -0.15	97.89 7.42 -3.42	68.62 5.01 -9.72	65.37 5.06 0.00	53.77 3.83 -0.05	67.50 3.82 -0.03	73.12 3.57 -10.22
GLENWOOD_IC_3_G1 23689	84.91 3.67 0.00	84.94 3.51 0.00	51.60 1.83 0.00	56.48 1.90 0.00	59.29 2.03 0.00	87.49 3.17 0.00	82.09 3.91 0.00	95.70 5.54 0.00	63.77 3.66 0.00	59.57 2.85 0.00	64.35 2.97 0.00	102.32 4.17 0.00	109.64 4.21 0.00	99.81 4.25 0.00	103.54 4.75 0.00	101.71 5.64 0.00	84.75 5.85 0.00	107.07 8.40 -0.15	97.89 7.42 -3.42	68.62 5.01 -9.72	65.37 5.06 0.00	53.77 3.83 -0.05	67.50 3.82 -0.03	73.12 3.57 -10.22
GLENWOOD___4 23550	85.08 3.84 0.00	85.11 3.69 0.00	51.70 1.93 0.00	56.61 2.02 0.00	59.41 2.15 0.00	87.54 3.22 0.00	82.17 3.99 0.00	95.82 5.66 0.00	63.84 3.73 0.00	59.64 2.92 0.00	64.52 3.14 0.00	102.55 4.40 0.00	109.75 4.32 0.00	99.92 4.35 0.00	103.67 4.87 0.00	102.00 5.93 0.00	84.97 6.07 0.00	107.21 8.54 -0.15	98.01 7.54 -3.42	68.72 5.11 -9.72	65.47 5.16 0.00	53.85 3.91 -0.05	67.61 3.90 -0.07	84.06 3.61 -21.12
GLENWOOD___5 23614	85.08 3.84 0.00	85.11 3.69 0.00	51.70 1.93 0.00	56.61 2.02 0.00	59.41 2.15 0.00	87.54 3.22 0.00	82.17 3.99 0.00	95.82 5.66 0.00	63.84 3.73 0.00	59.64 2.92 0.00	64.52 3.14 0.00	102.55 4.40 0.00	109.75 4.32 0.00	99.92 4.35 0.00	103.67 4.87 0.00	102.00 5.93 0.00	84.97 6.07 0.00	107.21 8.54 -0.15	98.01 7.54 -3.42	68.72 5.11 -9.72	65.47 5.16 0.00	53.85 3.91 -0.05	67.61 3.90 -0.07	84.06 3.61 -21.12
GLOBAL GREEN_PORT_GT1 23814	84.78 3.55 0.00	84.75 3.33 0.00	51.39 1.62 0.00	56.29 1.70 0.00	59.20 1.94 0.00	88.02 3.70 0.00	84.77 6.60 0.00	98.46 8.30 0.00	65.19 5.08 0.00	60.31 3.59 0.00	65.25 3.87 0.00	102.40 4.25 0.00	109.04 3.61 0.00	99.23 3.66 0.00	102.49 3.70 0.00	101.32 5.25 0.00	85.11 6.21 0.00	106.23 7.55 -0.15	99.48 9.01 -3.42	69.41 5.80 -9.72	65.91 5.60 0.00	54.04 4.10 -0.05	68.11 4.45 -0.02	68.42 4.44 -4.65
GLOBE___DSASP 323697	73.15 -8.08 0.00	73.35 -8.08 0.00	45.16 -4.61 0.00	49.58 -5.01 0.00	52.14 -5.12 0.00	78.31 -6.01 0.00	70.93 -7.24 0.00	80.87 -9.29 0.00	54.71 -5.40 0.00	52.19 -4.53 0.00	55.97 -5.40 0.00	89.11 -9.03 0.00	95.45 -9.98 0.00	86.05 -9.52 0.00	89.02 -9.77 0.00	86.74 -9.34 0.00	70.50 -8.40 0.00	87.58 -10.94 0.00	78.13 -9.51 -0.58	48.20 -5.70 0.00	53.96 -6.35 0.00	44.81 -5.08 0.00	56.90 -6.74 0.00	52.93 -6.40 0.00
GOETHSLN___LBMP 323567	83.34 2.10 0.00	83.33 1.91 0.00	50.85 1.08 0.00	55.59 1.00 0.00	58.31 1.05 0.00	86.07 1.75 0.00	80.65 2.47 0.00	94.12 3.96 0.00	62.80 2.69 0.00	58.71 2.11 0.12	63.43 2.05 0.00	92.93 2.75 7.96	61.51 2.67 46.58	62.17 2.87 36.27	49.35 3.20 52.65	54.87 3.89 45.09	69.29 4.32 13.93	91.99 6.47 13.00	53.96 5.87 38.97	57.31 3.83 0.41	64.02 3.77 0.06	52.51 2.75 0.14	66.29 2.65 0.00	61.69 2.36 0.00
GOLAH___69_KV_TB 1_2 80279	77.53 -3.71 0.00	77.67 -3.76 0.00	47.69 -2.08 0.00	52.34 -2.25 0.00	55.06 -2.20 0.00	82.34 -1.98 0.00	75.66 -2.51 0.00	86.93 -3.23 0.00	58.53 -1.58 0.00	55.49 -1.23 0.00	59.55 -1.82 0.00	94.95 -3.19 0.00	101.80 -3.63 0.00	91.92 -3.65 0.00	95.15 -3.65 0.00	92.93 -3.15 0.00	76.08 -2.82 0.00	95.19 -3.33 0.00	84.77 -2.78 -0.48	52.29 -1.60 0.00	58.35 -1.96 0.00	48.23 -1.66 0.00	61.09 -2.56 0.00	56.69 -2.64 0.00

GOODYEAR_LAKE_HYD 323669	83.30 2.06 0.00	83.66 2.24 0.00	51.15 1.39 0.00	56.07 1.48 0.00	58.92 1.66 0.00	86.83 2.51 0.00	80.86 2.68 0.00	93.70 3.54 0.00	62.63 2.52 0.00	58.80 2.08 0.00	63.43 2.06 0.00	101.41 3.26 0.00	108.78 3.35 0.00	98.65 3.08 0.00	102.28 3.49 0.00	99.76 3.69 0.00	82.34 3.44 0.00	104.07 5.06 -0.49	92.65 4.52 -1.08	56.83 2.94 0.00	63.35 3.05 0.00	52.13 2.24 0.00	66.13 2.49 0.00	61.59 2.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	79.74 -1.50 0.00	80.04 -1.38 0.00	48.97 -0.80 0.00	53.72 -0.87 0.00	56.40 -0.86 0.00	83.39 -0.93 0.00	77.49 -0.69 0.00	89.57 -0.59 0.00	59.95 -0.16 0.00	56.18 -0.54 0.00	60.77 -0.61 0.00	96.95 -1.19 0.00	103.99 -1.44 0.00	94.41 -1.17 0.00	98.14 -0.66 0.00	95.46 -0.61 0.00	78.56 -0.34 0.00	99.11 0.52 -0.07	88.59 0.39 -1.14	54.31 0.41 0.00	60.41 0.10 0.00	49.80 -0.09 0.00	63.32 -0.33 0.00	59.03 -0.30 0.00
GOUDEY___7 23579	79.74 -1.50 0.00	80.04 -1.38 0.00	48.97 -0.80 0.00	53.72 -0.87 0.00	56.40 -0.86 0.00	83.39 -0.93 0.00	77.49 -0.69 0.00	89.57 -0.59 0.00	59.95 -0.16 0.00	56.18 -0.54 0.00	60.77 -0.61 0.00	96.95 -1.19 0.00	103.99 -1.44 0.00	94.41 -1.17 0.00	98.14 -0.66 0.00	95.46 -0.61 0.00	78.56 -0.34 0.00	99.11 0.52 -0.07	88.59 0.39 -1.14	54.31 0.41 0.00	60.41 0.10 0.00	49.80 -0.09 0.00	63.32 -0.33 0.00	59.03 -0.30 0.00
GOUDEY___8 23580	79.74 -1.50 0.00	80.04 -1.38 0.00	48.97 -0.80 0.00	53.72 -0.87 0.00	56.40 -0.86 0.00	83.39 -0.93 0.00	77.49 -0.69 0.00	89.57 -0.59 0.00	59.95 -0.16 0.00	56.18 -0.54 0.00	60.77 -0.61 0.00	96.95 -1.19 0.00	103.99 -1.44 0.00	94.41 -1.17 0.00	98.14 -0.66 0.00	95.46 -0.61 0.00	78.56 -0.34 0.00	99.11 0.52 -0.07	88.59 0.39 -1.14	54.31 0.41 0.00	60.41 0.10 0.00	49.80 -0.09 0.00	63.32 -0.33 0.00	59.03 -0.30 0.00
GOWANUS_GT1_1 24077	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_2 24078	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_3 24079	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_4 24080	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_5 24084	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_6 24111	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_7 24112	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT1_8 24113	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_1 24114	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_2 24115	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_3 24116	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06

GOWANUS_GT2_4 24117	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_5 24118	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_6 24119	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_7 24120	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT2_8 24121	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_1 24122	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_2 24123	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_3 24124	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_4 24125	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_5 24126	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_6 24127	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_7 24128	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT3_8 24129	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_1 24130	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_2 24131	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06

GOWANUS_GT4_3 24132	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_4 24133	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_5 24134	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_6 24135	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_7 24136	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GOWANUS_GT4_8 24137	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.73 4.56 -307.27	136.68 4.58 -71.79	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GREENBSH_115KV_TB3 55895	83.42 2.18 0.00	83.57 2.15 0.00	51.03 1.26 0.00	56.01 1.42 0.00	58.76 1.50 0.00	86.03 1.71 0.00	79.90 1.72 0.00	92.38 2.22 0.00	61.66 1.56 0.00	57.99 1.28 0.00	62.55 1.18 0.00	99.59 1.44 0.00	106.93 1.50 0.00	97.51 1.94 0.00	100.73 1.93 0.00	97.89 1.81 0.00	80.75 1.85 0.00	102.05 2.78 -0.76	93.73 2.51 -4.16	55.34 1.45 0.00	61.71 1.40 0.00	51.09 1.20 0.00	64.95 1.30 0.00	61.08 1.75 0.00
GREENDGE_115KV_TB5 80291	79.55 -1.69 0.00	79.81 -1.61 0.00	48.98 -0.78 0.00	53.72 -0.87 0.00	56.50 -0.76 0.00	83.89 -0.43 0.00	78.20 0.02 0.00	90.10 -0.06 0.00	60.56 0.45 0.00	56.68 -0.04 0.00	61.07 -0.30 0.00	95.99 -2.16 0.00	101.66 -3.77 0.00	92.70 -2.87 0.00	96.12 -2.67 0.00	94.19 -1.88 0.00	78.35 -0.55 0.00	98.47 -0.10 -0.04	87.76 -0.07 -0.78	54.67 0.78 0.00	60.76 0.45 0.00	50.12 0.22 0.00	63.46 -0.18 0.00	58.94 -0.39 0.00
GREENIDGE___3 23582	79.55 -1.69 0.00	79.81 -1.61 0.00	48.98 -0.78 0.00	53.72 -0.87 0.00	56.50 -0.76 0.00	83.89 -0.43 0.00	78.20 0.02 0.00	90.10 -0.06 0.00	60.56 0.45 0.00	56.68 -0.04 0.00	61.07 -0.30 0.00	95.99 -2.16 0.00	101.66 -3.77 0.00	92.70 -2.87 0.00	96.12 -2.67 0.00	94.19 -1.88 0.00	78.35 -0.55 0.00	98.47 -0.10 -0.04	87.76 -0.07 -0.78	54.67 0.78 0.00	60.76 0.45 0.00	50.12 0.22 0.00	63.46 -0.18 0.00	58.94 -0.39 0.00
GREENIDGE___4 23583	79.71 -1.67 -0.14	79.81 -1.61 0.00	48.98 -0.79 0.00	53.72 -0.87 0.00	56.51 -0.75 0.00	83.87 -0.44 0.00	78.20 0.02 0.00	90.10 -0.06 0.00	60.56 0.45 0.00	56.68 -0.04 0.00	61.07 -0.30 0.00	95.99 -2.16 0.00	101.69 -3.75 0.00	92.66 -2.91 0.00	96.11 -2.69 0.00	94.18 -1.89 0.00	78.35 -0.55 0.00	98.45 -0.11 -0.04	87.77 -0.07 -0.78	54.67 0.78 0.00	60.75 0.44 0.00	50.12 0.23 0.00	63.47 -0.17 0.00	58.94 -0.39 0.00
GREENLWN_69_KV_BK 3 55738	84.98 3.74 0.00	85.04 3.61 0.00	51.57 1.80 0.00	56.46 1.87 0.00	59.28 2.02 0.00	87.69 3.37 0.00	82.22 4.04 0.00	95.68 5.52 0.00	63.66 3.56 0.00	59.35 2.63 0.00	64.10 2.72 0.00	101.92 3.77 0.00	109.37 3.94 0.00	99.51 3.94 0.00	103.37 4.57 0.00	101.54 5.47 0.00	84.75 5.85 0.00	107.11 8.45 -0.15	97.81 7.34 -3.42	68.71 5.10 -9.72	65.46 5.15 0.00	53.81 3.86 -0.05	67.36 3.70 -0.02	68.24 3.44 -5.48
GREENWD_138_KV_38B11_REV_LBMP_J 345004	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.92 4.56 -120.46	69.92 4.58 -5.03	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06
GRISSOM___SOLAR 323813	85.90 4.67 0.00	86.04 4.62 0.00	52.54 2.77 0.00	57.60 3.01 0.00	60.57 3.31 0.00	89.31 4.99 0.00	83.21 5.04 0.00	96.33 6.17 0.00	63.92 3.82 0.00	59.37 2.65 0.00	63.06 1.69 0.00	101.57 3.42 0.00	109.25 3.82 0.00	97.89 2.32 0.00	102.14 3.34 0.00	100.92 4.85 0.00	84.10 5.20 0.00	107.85 7.71 -1.62	98.60 6.93 -4.61	58.23 4.34 0.00	64.97 4.66 0.00	53.65 3.75 0.00	68.02 4.38 0.00	63.28 3.95 0.00
GROVEVILLE___HYD 323602	84.66 3.43 0.00	84.74 3.32 0.00	51.67 1.90 0.00	56.58 1.99 0.00	59.38 2.12 0.00	87.50 3.19 0.00	81.89 3.71 0.00	95.38 5.22 0.00	63.63 3.53 0.00	59.58 2.86 0.00	64.29 2.92 0.00	102.34 4.20 0.00	109.67 4.24 0.00	99.86 4.29 0.00	103.66 4.86 0.00	101.50 5.43 0.00	84.37 5.47 0.00	106.67 8.00 -0.16	97.67 7.18 -3.43	58.48 4.58 0.00	64.97 4.66 0.00	53.44 3.55 0.00	67.43 3.78 0.00	62.74 3.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00

HAMLTNNY_34_KV_TB 80303	79.03 -2.21 0.00	79.21 -2.21 0.00	48.48 -1.29 0.00	53.21 -1.38 0.00	55.94 -1.32 0.00	82.75 -1.57 0.00	76.93 -1.25 0.00	88.78 -1.38 0.00	59.37 -0.74 0.00	55.89 -0.83 0.00	60.32 -1.06 0.00	96.31 -1.84 0.00	103.24 -2.19 0.00	93.78 -1.79 0.00	97.12 -1.67 0.00	94.72 -1.35 0.00	77.95 -0.95 0.00	97.87 -0.64 0.00	86.89 -0.61 -0.44	53.64 -0.25 0.00	59.72 -0.59 0.00	49.29 -0.61 0.00	62.53 -1.12 0.00	58.23 -1.10 0.00
HAMPSHIRE___PAPER_HYD 323593	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.91 1.75 0.00	60.94 0.83 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.11 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
HARDSCRABBLE_WT_PWR 323673	83.55 2.31 0.00	83.97 2.54 0.00	51.11 1.34 0.00	55.84 1.26 0.00	58.81 1.55 0.00	86.19 1.87 0.00	79.98 1.81 0.00	93.46 3.30 0.00	62.42 2.31 0.00	57.88 1.16 0.00	61.07 -0.31 0.00	97.10 -1.04 0.00	104.50 -0.94 0.00	95.04 -0.53 0.00	98.46 -0.34 0.00	97.28 1.20 0.00	81.63 2.73 0.00	103.55 5.03 0.00	91.74 4.68 0.00	57.10 3.21 0.00	63.38 3.08 0.00	52.45 2.55 0.00	66.05 2.41 0.00	61.96 2.64 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	83.71 2.48 0.00	83.76 2.34 0.00	51.06 1.29 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.53 2.21 0.00	80.99 2.81 0.00	94.33 4.17 0.00	62.94 2.84 0.00	58.96 2.24 0.00	63.64 2.26 0.00	101.22 3.08 0.00	108.52 3.09 0.00	98.77 3.20 0.00	102.42 3.62 0.00	100.31 4.23 0.00	83.36 4.46 0.00	105.37 6.71 -0.14	96.28 6.01 -3.21	57.82 3.92 0.00	64.24 3.93 0.00	52.82 2.93 0.00	66.64 2.99 0.00	61.99 2.66 0.00
HARSNRAD_115KV_TB1 81005	74.32 -6.92 0.00	74.57 -6.85 0.00	45.95 -3.83 0.00	50.41 -4.17 0.00	53.06 -4.20 0.00	79.62 -4.70 0.00	72.24 -5.94 0.00	82.48 -7.68 0.00	55.87 -4.24 0.00	53.29 -3.43 0.00	57.05 -4.32 0.00	90.80 -7.35 0.00	97.11 -8.32 0.00	87.51 -8.06 0.00	90.59 -8.21 0.00	88.29 -7.79 0.00	71.79 -7.11 0.00	89.20 -9.32 0.00	79.58 -8.05 -0.57	49.09 -4.80 0.00	54.88 -5.43 0.00	45.59 -4.31 0.00	57.76 -5.88 0.00	53.68 -5.65 0.00
HARZA MOOSE___RIVER 24016	83.63 2.39 0.00	83.19 1.76 0.00	50.67 0.90 0.00	55.91 1.33 0.00	58.84 1.58 0.00	86.89 2.57 0.00	81.29 3.12 0.00	93.87 3.72 0.00	62.42 2.32 0.00	58.47 1.75 0.00	62.51 1.14 0.00	100.95 2.80 0.00	108.14 2.71 0.00	97.31 1.75 0.00	100.55 1.76 0.00	98.73 2.65 0.00	81.80 2.90 0.00	102.71 4.19 0.00	90.89 3.70 -0.13	56.33 2.43 0.00	63.06 2.75 0.00	52.02 2.12 0.00	66.10 2.45 0.00	61.42 2.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	78.31 -2.93 0.00	78.47 -2.95 0.00	48.00 -1.76 0.00	52.66 -1.92 0.00	55.33 -1.93 0.00	81.83 -2.49 0.00	75.99 -2.19 0.00	87.75 -2.41 0.00	58.69 -1.42 0.00	55.27 -1.45 0.00	59.68 -1.69 0.00	95.28 -2.87 0.00	102.28 -3.15 0.00	92.75 -2.82 0.00	96.08 -2.72 0.00	93.65 -2.42 0.00	77.03 -1.87 0.00	96.62 -1.89 0.00	85.81 -1.63 -0.38	52.94 -0.95 0.00	59.03 -1.28 0.00	48.73 -1.17 0.00	61.84 -1.81 0.00	57.54 -1.79 0.00
HELLGATE_13_KV_LD 55870	83.89 2.65 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.93 1.34 0.00	58.67 1.41 0.00	86.67 2.35 0.00	81.30 3.12 0.00	94.65 4.50 0.00	63.19 3.08 0.00	59.22 2.50 0.00	63.88 2.51 0.00	101.58 3.44 0.00	108.91 3.48 0.00	99.15 3.58 0.00	102.80 4.00 0.00	100.72 4.64 0.00	83.82 4.92 0.00	105.97 7.30 -0.15	96.98 6.51 -3.42	58.21 4.31 0.00	64.59 4.28 0.00	53.12 3.23 0.00	66.79 3.14 0.00	62.09 2.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	83.89 2.65 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.93 1.34 0.00	58.67 1.41 0.00	86.67 2.35 0.00	81.30 3.12 0.00	94.65 4.50 0.00	63.19 3.08 0.00	59.22 2.50 0.00	63.88 2.51 0.00	101.58 3.44 0.00	108.91 3.48 0.00	99.15 3.58 0.00	102.80 4.00 0.00	100.72 4.64 0.00	83.82 4.92 0.00	105.97 7.30 -0.15	96.98 6.51 -3.42	58.21 4.31 0.00	64.59 4.28 0.00	53.12 3.23 0.00	66.79 3.14 0.00	62.09 2.76 0.00
HEMPSTEAD____ 23647	84.69 3.45 0.00	84.76 3.34 0.00	51.46 1.69 0.00	56.35 1.76 0.00	59.14 1.88 0.00	87.28 2.96 0.00	81.93 3.75 0.00	95.51 5.35 0.00	63.64 3.54 0.00	59.41 2.69 0.00	64.16 2.78 0.00	101.99 3.84 0.00	109.31 3.88 0.00	99.51 3.94 0.00	103.27 4.47 0.00	101.42 5.35 0.00	84.56 5.66 0.00	106.75 8.08 -0.15	97.65 7.17 -3.42	68.51 4.90 -9.72	65.23 4.92 0.00	53.66 3.71 -0.05	67.35 3.63 -0.08	86.07 3.35 -23.39
HEWLETT_69_KV_BK3 55828	85.31 4.07 0.00	85.34 3.92 0.00	51.82 2.05 0.00	56.73 2.14 0.00	59.54 2.28 0.00	87.94 3.62 0.00	82.55 4.38 0.00	96.22 6.06 0.00	63.94 3.83 0.00	59.75 3.03 0.00	64.51 3.13 0.00	102.48 4.34 0.00	109.84 4.41 0.00	100.02 4.45 0.00	103.90 5.11 0.00	101.85 5.78 0.00	84.80 5.90 0.00	107.47 8.80 -0.15	98.30 7.82 -3.42	68.88 5.27 -9.72	65.69 5.39 0.00	54.12 4.17 -0.05	68.26 4.33 -0.28	147.67 4.00 -84.34
HICKLING___1 23621	78.49 -2.75 0.00	78.80 -2.62 0.00	48.28 -1.49 0.00	52.96 -1.63 0.00	55.64 -1.62 0.00	82.73 -1.59 0.00	76.83 -1.34 0.00	88.65 -1.51 0.00	59.50 -0.61 0.00	55.52 -1.20 0.00	59.98 -1.39 0.00	95.19 -2.96 0.00	101.91 -3.52 0.00	92.57 -3.00 0.00	96.32 -2.48 0.00	93.64 -2.43 0.00	77.15 -1.75 0.00	97.68 -0.89 -0.05	87.06 -0.92 -0.92	53.71 -0.18 0.00	59.64 -0.68 0.00	49.17 -0.72 0.00	62.52 -1.12 0.00	58.29 -1.04 0.00
HICKLING___2 23622	78.49 -2.75 0.00	78.80 -2.62 0.00	48.28 -1.49 0.00	52.96 -1.63 0.00	55.64 -1.62 0.00	82.73 -1.59 0.00	76.83 -1.34 0.00	88.65 -1.51 0.00	59.50 -0.61 0.00	55.52 -1.20 0.00	59.98 -1.39 0.00	95.19 -2.96 0.00	101.91 -3.52 0.00	92.57 -3.00 0.00	96.32 -2.48 0.00	93.64 -2.43 0.00	77.15 -1.75 0.00	97.68 -0.89 -0.05	87.06 -0.92 -0.92	53.71 -0.18 0.00	59.64 -0.68 0.00	49.17 -0.72 0.00	62.52 -1.12 0.00	58.29 -1.04 0.00
HIGH FALLS___HY 23754	84.25 3.01 0.00	84.33 2.91 0.00	51.40 1.63 0.00	56.27 1.69 0.00	59.05 1.80 0.00	87.17 2.85 0.00	81.69 3.51 0.00	95.21 5.05 0.00	63.51 3.41 0.00	59.39 2.67 0.00	63.89 2.51 0.00	101.46 3.32 0.00	108.62 3.18 0.00	98.97 3.41 0.00	102.76 3.96 0.00	100.86 4.79 0.00	84.06 5.16 0.00	106.61 7.88 -0.21	97.63 7.15 -3.42	58.50 4.60 0.00	65.01 4.70 0.00	53.41 3.52 0.00	67.34 3.69 0.00	62.51 3.18 0.00
HIGH_RIVER___SOLAR 323847	84.52 3.28 0.00	84.69 3.27 0.00	51.71 1.94 0.00	56.71 2.13 0.00	59.57 2.31 0.00	87.60 3.28 0.00	81.55 3.38 0.00	94.47 4.31 0.00	62.80 2.69 0.00	58.74 2.02 0.00	63.01 1.63 0.00	100.91 2.77 0.00	108.36 2.93 0.00	97.65 2.09 0.00	101.54 2.74 0.00	99.74 3.67 0.00	82.85 3.95 0.00	106.02 5.79 -1.71	96.67 5.15 -4.46	57.10 3.21 0.00	63.71 3.40 0.00	52.60 2.70 0.00	66.74 3.09 0.00	62.19 2.86 0.00

HILLBURN___GT 23639	83.44 2.20 0.00	83.47 2.05 0.00	50.87 1.10 0.00	55.68 1.10 0.00	58.41 1.16 0.00	86.22 1.90 0.00	80.74 2.56 0.00	94.10 3.94 0.00	62.79 2.69 0.00	58.80 2.08 0.00	63.46 2.09 0.00	100.97 2.83 0.00	108.21 2.78 0.00	98.49 2.92 0.00	102.09 3.29 0.00	99.94 3.86 0.00	83.09 4.19 0.00	105.01 6.35 -0.14	96.03 5.72 -3.25	57.64 3.75 0.00	64.04 3.73 0.00	52.64 2.75 0.00	66.40 2.76 0.00	61.75 2.42 0.00
HILLSIDE_115KV_TB1 80332	77.50 -3.73 0.00	77.83 -3.59 0.00	47.65 -2.12 0.00	52.30 -2.30 0.00	54.92 -2.34 0.00	81.50 -2.82 0.00	75.79 -2.39 0.00	87.49 -2.67 0.00	58.69 -1.42 0.00	54.59 -2.13 0.00	59.21 -2.17 0.00	94.19 -3.95 0.00	100.97 -4.46 0.00	91.68 -3.89 0.00	95.60 -3.19 0.00	92.87 -3.20 0.00	76.38 -2.52 0.00	96.78 -1.79 -0.05	86.19 -1.83 -0.95	53.13 -0.76 0.00	58.95 -1.36 0.00	48.61 -1.28 0.00	61.88 -1.76 0.00	57.72 -1.61 0.00
HISHELDN_WT_PWR 323625	75.84 -5.21 0.19	76.28 -5.14 0.00	46.98 -2.79 0.00	51.48 -3.11 0.00	54.15 -3.11 0.00	81.04 -3.28 0.00	74.15 -4.02 0.00	84.97 -5.20 0.00	57.38 -2.72 0.00	54.47 -2.25 0.00	58.08 -3.30 0.00	92.36 -5.79 0.00	98.59 -6.84 0.00	88.98 -6.59 0.00	92.24 -6.55 0.00	89.81 -6.26 0.00	73.48 -5.42 0.00	92.15 -6.41 -0.04	82.23 -5.50 -0.67	50.78 -3.11 0.00	56.67 -3.64 0.00	46.98 -2.92 0.00	59.61 -4.03 0.00	55.49 -3.84 0.00
HOLTSVILLE_IC_1 23690	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.72 4.92 0.00	102.05 5.98 0.00	85.43 6.53 0.00	108.06 9.39 -0.15	98.79 8.31 -3.42	69.18 5.57 -9.72	65.81 5.50 0.00	54.02 4.08 -0.05	67.76 4.09 -0.02	67.77 3.87 -4.57
HOLTSVILLE_IC_10 23699	85.80 4.56 0.00	85.81 4.38 0.00	52.01 2.24 0.00	56.96 2.37 0.00	59.83 2.57 0.00	88.66 4.33 0.00	83.53 5.35 0.00	97.22 7.06 0.00	64.55 4.45 0.00	59.96 3.24 0.00	64.59 3.21 0.00	102.59 4.44 0.00	110.12 4.69 0.00	100.54 4.97 0.00	104.21 5.42 0.00	102.61 6.53 0.00	85.95 7.05 0.00	108.84 10.17 -0.15	99.49 9.02 -3.42	69.56 5.95 -9.72	66.22 5.91 0.00	54.34 4.40 -0.05	68.14 4.48 -0.02	68.47 4.21 -4.93
HOLTSVILLE_IC_2 23691	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.72 4.92 0.00	102.05 5.98 0.00	85.43 6.53 0.00	108.06 9.39 -0.15	98.79 8.31 -3.42	69.18 5.57 -9.72	65.81 5.50 0.00	54.02 4.08 -0.05	67.76 4.09 -0.02	67.77 3.87 -4.57
HOLTSVILLE_IC_3 23692	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.72 4.92 0.00	102.05 5.98 0.00	85.43 6.53 0.00	108.06 9.39 -0.15	98.79 8.31 -3.42	69.18 5.57 -9.72	65.81 5.50 0.00	54.02 4.08 -0.05	67.76 4.09 -0.02	67.77 3.87 -4.57
HOLTSVILLE_IC_4 23693	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.72 4.92 0.00	102.05 5.98 0.00	85.43 6.53 0.00	108.06 9.39 -0.15	98.79 8.31 -3.42	69.18 5.57 -9.72	65.81 5.50 0.00	54.02 4.08 -0.05	67.76 4.09 -0.02	67.77 3.87 -4.57
HOLTSVILLE_IC_5 23694	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.72 4.92 0.00	102.05 5.98 0.00	85.43 6.53 0.00	108.06 9.39 -0.15	98.79 8.31 -3.42	69.18 5.57 -9.72	65.81 5.50 0.00	54.02 4.08 -0.05	67.76 4.09 -0.02	67.77 3.87 -4.57
HOLTSVILLE_IC_6 23695	85.80 4.56 0.00	85.81 4.38 0.00	52.01 2.24 0.00	56.96 2.37 0.00	59.83 2.57 0.00	88.66 4.33 0.00	83.53 5.35 0.00	97.22 7.06 0.00	64.55 4.45 0.00	59.96 3.24 0.00	64.59 3.21 0.00	102.59 4.44 0.00	110.12 4.69 0.00	100.54 4.97 0.00	104.21 5.42 0.00	102.61 6.53 0.00	85.95 7.05 0.00	108.84 10.17 -0.15	99.49 9.02 -3.42	69.56 5.95 -9.72	66.22 5.91 0.00	54.34 4.40 -0.05	68.14 4.48 -0.02	68.47 4.21 -4.93
HOLTSVILLE_IC_7 23696	85.80 4.56 0.00	85.81 4.38 0.00	52.01 2.24 0.00	56.96 2.37 0.00	59.83 2.57 0.00	88.66 4.33 0.00	83.53 5.35 0.00	97.22 7.06 0.00	64.55 4.45 0.00	59.96 3.24 0.00	64.59 3.21 0.00	102.59 4.44 0.00	110.12 4.69 0.00	100.54 4.97 0.00	104.21 5.42 0.00	102.61 6.53 0.00	85.95 7.05 0.00	108.84 10.17 -0.15	99.49 9.02 -3.42	69.56 5.95 -9.72	66.22 5.91 0.00	54.34 4.40 -0.05	68.14 4.48 -0.02	68.47 4.21 -4.93
HOLTSVILLE_IC_8 23697	85.80 4.56 0.00	85.81 4.38 0.00	52.01 2.24 0.00	56.96 2.37 0.00	59.83 2.57 0.00	88.66 4.33 0.00	83.53 5.35 0.00	97.22 7.06 0.00	64.55 4.45 0.00	59.96 3.24 0.00	64.59 3.21 0.00	102.59 4.44 0.00	110.12 4.69 0.00	100.54 4.97 0.00	104.21 5.42 0.00	102.61 6.53 0.00	85.95 7.05 0.00	108.84 10.17 -0.15	99.49 9.02 -3.42	69.56 5.95 -9.72	66.22 5.91 0.00	54.34 4.40 -0.05	68.14 4.48 -0.02	68.47 4.21 -4.93
HOLTSVILLE_IC_9 23698	85.80 4.56 0.00	85.81 4.38 0.00	52.01 2.24 0.00	56.96 2.37 0.00	59.83 2.57 0.00	88.66 4.33 0.00	83.53 5.35 0.00	97.22 7.06 0.00	64.55 4.45 0.00	59.96 3.24 0.00	64.59 3.21 0.00	102.59 4.44 0.00	110.12 4.69 0.00	100.54 4.97 0.00	104.21 5.42 0.00	102.61 6.53 0.00	85.95 7.05 0.00	108.84 10.17 -0.15	99.49 9.02 -3.42	69.56 5.95 -9.72	66.22 5.91 0.00	54.34 4.40 -0.05	68.14 4.48 -0.02	68.47 4.21 -4.93
HOMER_HL_115KV_TB2 355744	76.20 -5.04 0.00	76.40 -5.03 0.00	46.96 -2.81 0.00	51.54 -3.05 0.00	54.17 -3.10 0.00	80.77 -3.55 0.00	73.89 -4.28 0.00	84.97 -5.19 0.00	56.67 -3.44 0.00	56.85 0.13 0.00	59.36 -2.01 0.00	95.56 -2.59 0.00	100.44 -4.99 0.00	90.95 -4.62 0.00	94.36 -4.43 0.00	91.55 -4.53 0.00	74.62 -4.28 0.00	93.96 -4.60 -0.04	83.55 -4.21 -0.70	51.63 -2.27 0.00	57.43 -2.88 0.00	47.60 -2.30 0.00	60.61 -3.03 0.00	56.73 -2.60 0.00
HOWARD_WT_PWR 323690	78.64 -2.60 0.00	78.85 -2.57 0.00	48.54 -1.24 0.00	53.10 -1.49 0.00	55.78 -1.48 0.00	83.20 -1.12 0.00	76.90 -1.28 0.00	88.54 -1.62 0.00	59.31 -0.79 0.00	55.83 -0.89 0.00	59.45 -1.92 0.00	93.08 -5.07 0.00	98.69 -6.73 0.00	89.17 -6.40 0.00	91.24 -7.55 0.00	88.72 -7.35 0.00	73.85 -5.05 0.00	93.83 -4.74 -0.04	84.17 -3.67 -0.78	52.40 -1.49 0.00	58.48 -1.83 0.00	48.20 -1.69 0.00	61.40 -2.25 0.00	57.51 -1.82 0.00

HQ_GEN_CEDARS 23644	82.96 1.73 0.00	83.09 1.66 0.00	50.85 1.08 0.00	56.02 1.43 0.00	58.31 1.06 0.00	85.81 1.49 0.00	79.22 1.05 0.00	90.69 0.53 0.00	60.19 0.08 0.00	57.36 0.63 0.00	62.28 0.90 0.00	100.00 1.86 0.00	108.41 2.97 0.00	97.05 1.48 0.00	99.88 1.08 0.00	96.50 0.43 0.00	78.48 -0.42 0.00	96.76 -1.76 0.00	84.92 -2.14 0.00	52.72 -1.18 0.00	59.67 -0.64 0.00	49.71 -0.19 0.00	64.21 0.57 0.00	59.92 0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	82.96 1.73 0.00	83.09 1.67 0.00	50.85 1.08 0.00	56.02 1.43 0.00	55.43 1.05 2.89	87.53 1.49 -1.72	79.22 1.04 0.00	90.69 0.53 0.00	60.19 0.08 0.00	57.36 0.63 0.00	62.28 0.90 0.00	100.00 1.86 0.00	108.40 2.97 0.00	97.05 1.48 0.00	99.88 1.09 0.00	96.50 0.43 0.00	78.48 -0.42 0.00	96.76 -1.76 0.00	84.92 -2.14 0.00	52.72 -1.18 0.00	59.67 -0.64 0.00	46.26 -0.18 3.45	67.38 0.56 -3.18	59.92 0.59 0.00
HQ_GEN_IMPORT 323601	81.92 0.68 0.00	82.07 0.65 0.00	50.23 0.46 0.00	55.09 0.50 0.00	57.67 0.41 0.00	85.03 0.71 0.00	78.48 0.30 0.00	89.88 -0.28 0.00	59.75 -0.36 0.00	56.79 0.06 0.00	61.69 0.32 0.00	98.91 0.76 0.00	106.41 0.98 0.00	96.15 0.58 0.00	99.03 0.23 0.00	95.87 -0.20 0.00	64.78 -0.82 13.30	78.59 -2.05 17.88	85.15 -1.91 0.00	52.62 -1.27 0.00	59.31 -1.00 0.00	36.63 -0.61 12.65	63.48 -0.17 0.00	59.16 -0.17 0.00
HQ_GEN_WHEEL 23651	81.92 0.68 0.00	82.07 0.65 0.00	50.23 0.46 0.00	55.09 0.50 0.00	57.67 0.41 0.00	85.03 0.71 0.00	78.48 0.30 0.00	89.88 -0.28 0.00	59.75 -0.36 0.00	56.79 0.06 0.00	61.69 0.32 0.00	98.91 0.76 0.00	106.41 0.98 0.00	96.15 0.58 0.00	99.03 0.23 0.00	95.87 -0.20 0.00	64.78 -0.82 13.30	78.59 -2.05 17.88	85.15 -1.91 0.00	52.62 -1.27 0.00	59.31 -1.00 0.00	36.63 -0.61 12.65	63.48 -0.17 0.00	59.16 -0.17 0.00
HUDSON_AVE_GT_3 23810	83.98 2.74 0.00	83.98 2.56 0.00	51.20 1.43 0.00	56.00 1.41 0.00	58.75 1.49 0.00	86.73 2.41 0.00	81.31 3.14 0.00	94.91 4.75 0.00	63.35 3.24 0.00	59.36 2.64 0.00	64.00 2.63 0.00	101.82 3.67 0.00	109.15 3.72 0.00	99.38 3.81 0.00	103.01 4.21 0.00	100.92 4.85 0.00	84.00 5.10 0.00	106.13 7.46 -0.15	97.20 6.72 -3.42	58.27 4.38 0.00	64.69 4.38 0.00	53.14 3.24 0.00	66.92 3.27 0.00	62.26 2.93 0.00
HUDSON_AVE_GT_4 23540	83.98 2.74 0.00	83.98 2.56 0.00	51.20 1.43 0.00	56.00 1.41 0.00	58.75 1.49 0.00	86.73 2.41 0.00	81.31 3.14 0.00	94.91 4.75 0.00	63.35 3.24 0.00	59.36 2.64 0.00	64.00 2.63 0.00	101.82 3.67 0.00	109.15 3.72 0.00	99.38 3.81 0.00	103.01 4.21 0.00	100.92 4.85 0.00	84.00 5.10 0.00	106.13 7.46 -0.15	97.20 6.72 -3.42	58.27 4.38 0.00	64.69 4.38 0.00	53.14 3.24 0.00	66.92 3.27 0.00	62.26 2.93 0.00
HUDSON_AVE_GT_5 23657	83.98 2.74 0.00	83.98 2.56 0.00	51.20 1.43 0.00	56.00 1.41 0.00	58.75 1.49 0.00	86.73 2.41 0.00	81.31 3.14 0.00	94.91 4.75 0.00	63.35 3.24 0.00	59.36 2.64 0.00	64.00 2.63 0.00	101.82 3.67 0.00	109.15 3.72 0.00	99.38 3.81 0.00	103.01 4.21 0.00	100.92 4.85 0.00	84.00 5.10 0.00	106.13 7.46 -0.15	97.20 6.72 -3.42	58.27 4.38 0.00	64.69 4.38 0.00	53.14 3.24 0.00	66.92 3.27 0.00	62.26 2.93 0.00
HUDSON_AVE_10 24168	83.73 2.49 0.00	83.72 2.30 0.00	51.05 1.28 0.00	55.83 1.24 0.00	58.57 1.31 0.00	86.43 2.12 0.00	81.08 2.91 0.00	94.66 4.51 0.00	63.17 3.07 0.00	59.20 2.47 0.00	63.82 2.44 0.00	101.52 3.37 0.00	108.77 3.34 0.00	99.06 3.49 0.00	102.66 3.86 0.00	100.59 4.51 0.00	83.76 4.86 0.00	105.87 7.21 -0.15	96.97 6.49 -3.42	58.16 4.26 0.00	64.57 4.26 0.00	53.05 3.15 0.00	66.80 3.16 0.00	62.14 2.81 0.00
HUDSON___115KV_TB 4 355613	85.57 4.33 0.00	85.74 4.31 0.00	52.35 2.59 0.00	57.48 2.89 0.00	60.35 3.09 0.00	88.38 4.06 0.00	82.06 3.88 0.00	94.89 4.74 0.00	63.29 3.19 0.00	59.28 2.56 0.00	63.71 2.34 0.00	100.76 2.61 0.00	108.11 2.68 0.00	98.89 3.33 0.00	102.68 3.88 0.00	99.79 3.72 0.00	82.92 4.02 0.00	105.30 6.16 -0.63	96.68 5.56 -4.06	57.19 3.30 0.00	63.70 3.39 0.00	52.68 2.79 0.00	66.93 3.28 0.00	63.03 3.71 0.00
HUNTER MOUNT___DRP 323613	86.10 4.86 0.00	86.26 4.84 0.00	52.69 2.92 0.00	57.86 3.27 0.00	60.77 3.51 0.00	89.05 4.73 0.00	82.72 4.54 0.00	95.66 5.49 0.00	63.80 3.70 0.00	59.70 2.97 0.00	64.16 2.79 0.00	101.53 3.38 0.00	109.04 3.61 0.00	99.72 4.15 0.00	103.69 4.89 0.00	100.77 4.70 0.00	83.80 4.90 0.00	106.38 7.32 -0.54	97.64 6.61 -3.97	57.80 3.91 0.00	64.38 4.07 0.00	53.22 3.33 0.00	67.60 3.96 0.00	63.61 4.28 0.00
HUNTINGTON_RES_REC 323705	85.45 4.22 0.00	85.49 4.07 0.00	51.82 2.05 0.00	56.75 2.16 0.00	59.59 2.33 0.00	88.23 3.91 0.00	82.89 4.72 0.00	96.48 6.32 0.00	64.11 4.00 0.00	59.65 2.93 0.00	64.35 2.97 0.00	102.26 4.11 0.00	109.68 4.25 0.00	100.02 4.45 0.00	103.80 5.01 0.00	102.12 6.05 0.00	85.44 6.54 0.00	108.13 9.46 -0.15	98.80 8.32 -3.42	69.25 5.63 -9.72	66.01 5.70 0.00	54.19 4.24 -0.05	67.85 4.19 -0.02	68.17 3.90 -4.93
HUNTLEY___63 23557	75.16 -6.08 0.00	75.39 -6.03 0.00	46.41 -3.36 0.00	50.92 -3.66 0.00	53.58 -3.68 0.00	80.45 -3.87 0.00	73.42 -4.76 0.00	84.06 -6.10 0.00	56.98 -3.13 0.00	54.34 -2.39 0.00	58.13 -3.24 0.00	92.49 -5.65 0.00	98.84 -6.59 0.00	89.15 -6.42 0.00	92.21 -6.58 0.00	89.74 -6.33 0.00	72.86 -6.04 0.00	90.60 -7.92 0.00	80.84 -6.81 -0.60	49.70 -4.19 0.00	55.48 -4.83 0.00	46.07 -3.83 0.00	58.43 -5.22 0.00	54.34 -4.99 0.00
HUNTLEY___64 23558	75.16 -6.08 0.00	75.39 -6.03 0.00	46.41 -3.36 0.00	50.92 -3.66 0.00	53.58 -3.68 0.00	80.45 -3.87 0.00	73.42 -4.76 0.00	84.06 -6.10 0.00	56.98 -3.13 0.00	54.34 -2.39 0.00	58.13 -3.24 0.00	92.49 -5.65 0.00	98.84 -6.59 0.00	89.15 -6.42 0.00	92.21 -6.58 0.00	89.74 -6.33 0.00	72.86 -6.04 0.00	90.60 -7.92 0.00	80.84 -6.81 -0.60	49.70 -4.19 0.00	55.48 -4.83 0.00	46.07 -3.83 0.00	58.43 -5.22 0.00	54.34 -4.99 0.00
HUNTLEY___65 23559	75.16 -6.08 0.00	75.39 -6.03 0.00	46.41 -3.36 0.00	50.92 -3.66 0.00	53.58 -3.68 0.00	80.45 -3.87 0.00	73.42 -4.76 0.00	84.06 -6.10 0.00	56.98 -3.13 0.00	54.34 -2.39 0.00	58.13 -3.24 0.00	92.49 -5.65 0.00	98.84 -6.59 0.00	89.15 -6.42 0.00	92.21 -6.58 0.00	89.74 -6.33 0.00	72.86 -6.04 0.00	90.60 -7.92 0.00	80.84 -6.81 -0.60	49.70 -4.19 0.00	55.48 -4.83 0.00	46.07 -3.83 0.00	58.43 -5.22 0.00	54.34 -4.99 0.00
HUNTLEY___66 23560	75.16 -6.08 0.00	75.39 -6.03 0.00	46.41 -3.36 0.00	50.92 -3.66 0.00	53.58 -3.68 0.00	80.45 -3.87 0.00	73.42 -4.76 0.00	84.06 -6.10 0.00	56.98 -3.13 0.00	54.34 -2.39 0.00	58.13 -3.24 0.00	92.49 -5.65 0.00	98.84 -6.59 0.00	89.15 -6.42 0.00	92.21 -6.58 0.00	89.74 -6.33 0.00	72.86 -6.04 0.00	90.60 -7.92 0.00	80.84 -6.81 -0.60	49.70 -4.19 0.00	55.48 -4.83 0.00	46.07 -3.83 0.00	58.43 -5.22 0.00	54.34 -4.99 0.00

HUNTLEY___67 23561	74.91 -6.33 0.00	75.14 -6.28 0.00	46.26 -3.51 0.00	50.75 -3.84 0.00	53.40 -3.86 0.00	80.15 -4.17 0.00	72.89 -5.29 0.00	83.26 -6.90 0.00	56.34 -3.76 0.00	53.77 -2.95 0.00	57.49 -3.89 0.00	91.55 -6.60 0.00	97.89 -7.53 0.00	88.28 -7.29 0.00	91.40 -7.39 0.00	89.06 -7.02 0.00	72.53 -6.37 0.00	90.32 -8.20 0.00	80.57 -7.09 -0.60	49.71 -4.19 0.00	55.59 -4.72 0.00	46.12 -3.77 0.00	58.53 -5.12 0.00	54.41 -4.91 0.00
HUNTLEY___68 23562	74.91 -6.33 0.00	75.14 -6.28 0.00	46.26 -3.51 0.00	50.75 -3.84 0.00	53.40 -3.86 0.00	80.15 -4.17 0.00	72.89 -5.29 0.00	83.26 -6.90 0.00	56.34 -3.76 0.00	53.77 -2.95 0.00	57.49 -3.89 0.00	91.55 -6.60 0.00	97.89 -7.53 0.00	88.28 -7.29 0.00	91.40 -7.39 0.00	89.06 -7.02 0.00	72.53 -6.37 0.00	90.32 -8.20 0.00	80.57 -7.09 -0.60	49.71 -4.19 0.00	55.59 -4.72 0.00	46.12 -3.77 0.00	58.53 -5.12 0.00	54.41 -4.91 0.00
HYLAND___LFGE 323620	78.54 -2.65 0.05	78.74 -2.69 0.00	48.45 -1.32 0.00	53.13 -1.46 0.00	55.97 -1.29 0.00	83.71 -0.61 0.00	77.48 -0.70 0.00	89.31 -0.85 0.00	60.20 0.09 0.00	56.60 -0.12 0.00	58.27 -3.10 0.00	93.71 -4.43 0.00	100.25 -5.18 0.00	90.36 -5.21 0.00	93.66 -5.14 0.00	92.25 -3.82 0.00	76.76 -2.14 0.00	97.37 -1.14 0.00	87.21 -0.50 -0.66	53.96 0.07 0.00	60.03 -0.28 0.00	49.53 -0.37 0.00	62.58 -1.07 0.00	57.96 -1.37 0.00
INDECK___CORINTH 23802	87.27 6.03 0.00	87.31 5.88 0.00	53.33 3.56 0.00	58.54 3.95 0.00	61.54 4.28 0.00	90.40 6.08 0.00	84.47 6.29 0.00	98.26 8.10 0.00	65.55 5.45 0.00	61.31 4.59 0.00	66.16 4.78 0.00	105.08 6.94 0.00	112.65 7.21 0.00	102.38 6.81 0.00	106.10 7.31 0.00	104.12 8.05 0.00	86.43 7.53 0.00	110.73 10.58 -1.64	100.63 9.26 -4.32	59.61 5.72 0.00	66.30 5.99 0.00	54.70 4.81 0.00	69.30 5.65 0.00	64.63 5.30 0.00
INDECK___ILION 23567	84.67 3.43 0.00	85.07 3.65 0.00	51.78 2.01 0.00	56.64 2.05 0.00	59.66 2.40 0.00	87.41 3.09 0.00	81.41 3.23 0.00	95.39 5.23 0.00	63.62 3.51 0.00	58.82 2.10 0.00	61.86 0.49 0.00	98.45 0.30 0.00	106.09 0.66 0.00	96.48 0.91 0.00	100.08 1.28 0.00	99.15 3.08 0.00	83.60 4.70 0.00	106.51 7.99 0.00	94.39 7.33 0.00	58.64 4.75 0.00	64.87 4.56 0.00	53.63 3.73 0.00	67.32 3.67 0.00	63.15 3.82 0.00
INDECK___OLEAN 23982	75.70 -5.06 0.48	76.40 -5.03 0.00	46.96 -2.81 0.00	51.54 -3.05 0.00	54.17 -3.10 0.00	80.77 -3.55 0.00	73.90 -4.28 0.00	84.96 -5.20 0.00	56.67 -3.44 0.00	56.85 0.13 0.00	59.36 -2.01 0.00	95.56 -2.58 0.00	100.45 -4.98 0.00	90.94 -4.64 0.00	94.38 -4.42 0.00	91.56 -4.52 0.00	74.60 -4.30 0.00	93.97 -4.59 -0.04	83.54 -4.22 -0.70	51.63 -2.27 0.00	57.41 -2.90 0.00	47.63 -2.27 0.00	60.62 -3.03 0.00	56.72 -2.61 0.00
INDECK___OSWEGO 23783	77.15 -4.09 0.00	77.23 -4.20 0.00	47.22 -2.55 0.00	51.85 -2.74 0.00	54.46 -2.80 0.00	80.46 -3.86 0.00	74.70 -3.48 0.00	86.23 -3.93 0.00	57.60 -2.50 0.00	54.21 -2.51 0.00	58.50 -2.87 0.00	93.61 -4.54 0.00	100.43 -5.00 0.00	91.03 -4.54 0.00	94.18 -4.62 0.00	91.84 -4.24 0.00	75.61 -3.29 0.00	94.84 -3.68 0.00	84.22 -3.17 -0.33	51.98 -1.91 0.00	58.00 -2.31 0.00	47.89 -2.01 0.00	60.81 -2.84 0.00	56.57 -2.75 0.00
INDECK___YERKES 23781	74.90 -6.02 0.32	75.46 -5.96 0.00	46.45 -3.32 0.00	50.98 -3.61 0.00	53.62 -3.63 0.00	80.53 -3.79 0.00	73.47 -4.70 0.00	84.16 -6.00 0.00	57.04 -3.07 0.00	54.39 -2.33 0.00	58.20 -3.18 0.00	92.57 -5.58 0.00	98.93 -6.50 0.00	89.23 -6.34 0.00	92.28 -6.52 0.00	89.78 -6.29 0.00	72.82 -6.08 0.00	90.55 -7.97 0.00	80.80 -6.86 -0.60	49.70 -4.20 0.00	55.43 -4.88 0.00	46.08 -3.82 0.00	58.42 -5.22 0.00	54.33 -5.00 0.00
INDIAN POINT_GT_1 24139	83.55 2.31 0.00	83.59 2.16 0.00	50.95 1.19 0.00	55.76 1.17 0.00	58.49 1.23 0.00	86.26 1.94 0.00	80.76 2.59 0.00	94.14 3.98 0.00	62.83 2.73 0.00	58.84 2.12 0.00	63.52 2.15 0.00	101.06 2.91 0.00	108.31 2.88 0.00	98.59 3.02 0.00	102.22 3.42 0.00	100.11 4.04 0.00	83.22 4.32 0.00	105.17 6.51 -0.15	96.27 5.83 -3.38	57.69 3.79 0.00	64.11 3.80 0.00	52.71 2.82 0.00	66.48 2.83 0.00	61.86 2.53 0.00
INDIAN POINT_GT_2 23659	83.55 2.31 0.00	83.59 2.16 0.00	50.95 1.19 0.00	55.76 1.17 0.00	58.49 1.23 0.00	86.26 1.94 0.00	80.76 2.59 0.00	94.14 3.98 0.00	62.83 2.73 0.00	58.84 2.12 0.00	63.52 2.15 0.00	101.06 2.91 0.00	108.31 2.88 0.00	98.59 3.02 0.00	102.22 3.42 0.00	100.11 4.04 0.00	83.22 4.32 0.00	105.17 6.51 -0.15	96.27 5.83 -3.38	57.69 3.79 0.00	64.11 3.80 0.00	52.71 2.82 0.00	66.48 2.83 0.00	61.86 2.53 0.00
INDIAN POINT_GT_3 24019	83.55 2.31 0.00	83.59 2.16 0.00	50.95 1.19 0.00	55.76 1.17 0.00	58.49 1.23 0.00	86.26 1.94 0.00	80.76 2.59 0.00	94.14 3.98 0.00	62.83 2.73 0.00	58.84 2.12 0.00	63.52 2.15 0.00	101.06 2.91 0.00	108.31 2.88 0.00	98.59 3.02 0.00	102.22 3.42 0.00	100.11 4.04 0.00	83.22 4.32 0.00	105.17 6.51 -0.15	96.27 5.83 -3.38	57.69 3.79 0.00	64.11 3.80 0.00	52.71 2.82 0.00	66.48 2.83 0.00	61.86 2.53 0.00
INDIAN POINT___2 23530	83.35 2.12 0.00	83.40 1.98 0.00	50.83 1.07 0.00	55.63 1.04 0.00	58.38 1.12 0.00	86.11 1.80 0.00	80.61 2.43 0.00	93.94 3.78 0.00	62.67 2.56 0.00	58.71 2.00 0.00	63.37 1.99 0.00	100.83 2.68 0.00	108.08 2.65 0.00	98.37 2.81 0.00	101.97 3.17 0.00	99.84 3.77 0.00	83.01 4.11 0.00	104.89 6.23 -0.15	95.99 5.60 -3.34	57.56 3.66 0.00	63.95 3.64 0.00	52.57 2.68 0.00	66.31 2.67 0.00	61.70 2.37 0.00
INDIAN POINT___3 23531	83.44 2.20 0.00	83.49 2.06 0.00	50.89 1.12 0.00	55.71 1.12 0.00	58.43 1.18 0.00	86.16 1.84 0.00	80.64 2.46 0.00	94.02 3.86 0.00	62.73 2.63 0.00	58.76 2.04 0.00	63.42 2.05 0.00	100.94 2.79 0.00	108.20 2.77 0.00	98.47 2.90 0.00	102.09 3.29 0.00	99.94 3.87 0.00	83.08 4.18 0.00	104.99 6.32 -0.15	96.10 5.66 -3.38	57.59 3.69 0.00	63.99 3.68 0.00	52.62 2.72 0.00	66.37 2.72 0.00	61.77 2.44 0.00
INGHAM_C_115KV_TB7 356103	84.13 2.90 0.00	84.58 3.16 0.00	51.47 1.70 0.00	56.30 1.72 0.00	59.28 2.02 0.00	86.83 2.51 0.00	80.84 2.66 0.00	94.67 4.51 0.00	63.12 3.02 0.00	58.38 1.66 0.00	61.37 0.00 0.00	97.64 -0.51 0.00	105.22 -0.22 0.00	95.70 0.13 0.00	99.28 0.48 0.00	98.35 2.28 0.00	82.88 3.98 0.00	105.58 7.06 0.00	93.57 6.51 0.00	58.14 4.24 0.00	64.34 4.03 0.00	53.20 3.31 0.00	66.82 3.17 0.00	62.73 3.40 0.00
IP CORINTH___1 23988	87.27 6.03 0.00	87.31 5.88 0.00	53.33 3.56 0.00	58.54 3.95 0.00	61.54 4.28 0.00	90.40 6.08 0.00	84.47 6.29 0.00	98.26 8.10 0.00	65.55 5.45 0.00	61.31 4.59 0.00	66.16 4.78 0.00	105.09 6.94 0.00	112.64 7.21 0.00	102.38 6.81 0.00	106.10 7.31 0.00	104.13 8.05 0.00	86.43 7.53 0.00	110.73 10.58 -1.64	100.63 9.26 -4.32	59.61 5.72 0.00	66.30 5.99 0.00	54.70 4.81 0.00	69.30 5.65 0.00	64.63 5.30 0.00

IP___TICONDEROGA 23804	90.26 9.02 0.00	90.17 8.75 0.00	55.03 5.26 0.00	60.42 5.83 0.00	63.60 6.34 0.00	93.04 8.71 0.00	87.93 9.75 0.00	102.71 12.55 0.00	68.65 8.54 0.00	63.79 7.07 0.00	69.13 7.76 0.00	108.91 10.76 0.00	115.95 10.52 0.00	105.84 10.27 0.00	109.79 11.00 0.00	108.77 12.69 0.00	90.41 11.51 0.00	117.22 17.08 -1.62	106.00 14.63 -4.31	63.18 9.29 0.00	69.96 9.65 0.00	57.34 7.44 0.00	72.52 8.87 0.00	67.49 8.16 0.00
ISLIP_RES_REC 323679	86.10 4.86 0.00	86.08 4.66 0.00	52.18 2.41 0.00	57.16 2.57 0.00	60.04 2.79 0.00	88.98 4.66 0.00	83.86 5.69 0.00	97.67 7.50 0.00	64.84 4.74 0.00	60.20 3.47 0.00	64.80 3.42 0.00	102.92 4.77 0.00	110.55 5.12 0.00	100.96 5.39 0.00	104.61 5.82 0.00	103.03 6.96 0.00	86.36 7.46 0.00	109.43 10.76 -0.15	100.02 9.55 -3.42	69.88 6.26 -9.72	66.53 6.22 0.00	54.57 4.63 -0.05	68.41 4.75 -0.02	68.97 4.46 -5.18
JAMAICA__27_KV_LOAD 355505	84.20 2.96 0.00	84.20 2.78 0.00	51.30 1.54 0.00	56.09 1.51 0.00	58.83 1.58 0.00	86.85 2.54 0.00	81.59 3.41 0.00	95.36 5.20 0.00	63.61 3.50 0.00	59.59 2.87 0.00	64.20 2.82 0.00	102.08 3.94 0.00	109.32 3.89 0.00	99.51 3.94 0.00	103.11 4.32 0.00	101.04 4.97 0.00	84.31 5.41 0.00	106.62 7.94 -0.15	97.73 7.26 -3.42	58.62 4.73 0.00	65.08 4.77 0.00	53.43 3.54 0.00	67.31 3.67 0.00	62.55 3.22 0.00
JANIS___SOLAR 323808	83.28 1.95 -0.09	83.63 2.21 0.00	51.23 1.47 0.00	56.16 1.57 0.00	59.04 1.78 0.00	87.39 3.07 0.00	81.46 3.29 0.00	94.60 4.44 0.00	63.30 3.19 0.00	59.29 2.57 0.00	63.47 2.10 0.00	100.88 2.73 0.00	107.57 2.13 0.00	98.01 2.44 0.00	102.39 3.59 0.00	100.06 3.98 0.00	82.26 3.36 0.00	104.13 5.53 -0.08	93.03 5.00 -0.98	57.05 3.16 0.00	63.47 3.16 0.00	52.17 2.27 0.00	66.42 2.78 0.00	61.77 2.45 0.00
JARVIS____ 23743	81.73 0.49 0.00	81.90 0.48 0.00	50.02 0.25 0.00	54.87 0.28 0.00	57.60 0.34 0.00	84.73 0.41 0.00	78.66 0.49 0.00	90.95 0.79 0.00	60.66 0.55 0.00	57.12 0.40 0.00	61.68 0.31 0.00	98.64 0.49 0.00	105.91 0.48 0.00	96.06 0.49 0.00	99.40 0.61 0.00	96.82 0.75 0.00	79.74 0.84 0.00	99.90 1.38 0.00	88.28 1.22 0.00	54.67 0.78 0.00	61.07 0.76 0.00	50.47 0.57 0.00	64.21 0.56 0.00	59.88 0.55 0.00
JENNISON___1 23625	82.79 1.55 0.00	83.82 2.40 0.00	51.47 1.70 0.00	56.45 1.87 0.00	59.32 2.06 0.00	87.44 3.13 0.00	81.44 3.27 0.00	94.94 4.78 0.00	63.81 3.70 0.00	59.71 2.99 0.00	64.16 2.78 0.00	102.04 3.89 0.00	109.01 3.58 0.00	99.54 3.97 0.00	103.48 4.69 0.00	100.90 4.83 0.00	83.17 4.27 0.00	105.38 6.73 -0.13	94.27 5.98 -1.23	57.68 3.79 0.00	64.02 3.71 0.00	52.00 2.11 0.00	66.37 2.72 0.00	62.00 2.67 0.00
JENNISON___2 23626	82.79 1.55 0.00	83.82 2.40 0.00	51.47 1.70 0.00	56.45 1.87 0.00	59.32 2.06 0.00	87.44 3.13 0.00	81.44 3.27 0.00	94.94 4.78 0.00	63.81 3.70 0.00	59.71 2.99 0.00	64.16 2.78 0.00	102.04 3.89 0.00	109.01 3.58 0.00	99.54 3.97 0.00	103.48 4.69 0.00	100.90 4.83 0.00	83.17 4.27 0.00	105.38 6.73 -0.13	94.27 5.98 -1.23	57.68 3.79 0.00	64.02 3.71 0.00	52.00 2.11 0.00	66.37 2.72 0.00	62.00 2.67 0.00
JERICOHO_RISE_WT_PWR 323719	82.12 0.88 0.00	82.40 0.98 0.00	50.26 0.49 0.00	55.12 0.53 0.00	57.45 0.19 0.00	84.24 -0.08 0.00	78.33 0.15 0.00	89.74 -0.42 0.00	59.19 -0.92 0.00	56.04 -0.68 0.00	60.74 -0.64 0.00	97.45 -0.70 0.00	104.95 -0.48 0.00	94.87 -0.70 0.00	97.46 -1.34 0.00	94.33 -1.74 0.00	77.12 -1.78 0.00	95.34 -3.18 0.00	84.12 -2.93 0.00	51.86 -2.03 0.00	58.83 -1.48 0.00	48.92 -0.98 0.00	63.05 -0.59 0.00	58.99 -0.34 0.00
KATONAH___115KV_46KV_TB4 355592	84.48 3.24 0.00	84.54 3.12 0.00	51.55 1.78 0.00	56.40 1.82 0.00	59.19 1.94 0.00	87.26 2.94 0.00	81.76 3.59 0.00	95.36 5.20 0.00	63.63 3.52 0.00	59.56 2.84 0.00	64.27 2.89 0.00	102.31 4.16 0.00	109.63 4.20 0.00	99.79 4.22 0.00	103.50 4.71 0.00	101.39 5.31 0.00	84.31 5.41 0.00	106.62 7.95 -0.15	97.71 7.19 -3.46	58.53 4.64 0.00	65.00 4.69 0.00	53.46 3.56 0.00	67.38 3.73 0.00	62.67 3.34 0.00
KCE_NY_1 323755	86.06 4.82 0.00	86.25 4.83 0.00	52.57 2.80 0.00	57.69 3.10 0.00	60.60 3.33 0.00	89.10 4.78 0.00	82.94 4.76 0.00	96.28 6.12 0.00	64.15 4.05 0.00	60.18 3.46 0.00	64.82 3.44 0.00	103.27 5.13 0.00	110.85 5.42 0.00	100.85 5.28 0.00	104.46 5.66 0.00	102.22 6.14 0.00	84.76 5.86 0.00	108.38 8.26 -1.60	98.69 7.33 -4.30	58.36 4.47 0.00	64.99 4.68 0.00	53.64 3.74 0.00	68.10 4.45 0.00	63.43 4.10 0.00
KCE_NY_6_ESR 323823	75.79 -5.10 0.35	76.36 -5.06 0.00	47.02 -2.75 0.00	51.54 -3.05 0.00	54.25 -3.01 0.00	81.38 -2.94 0.00	74.26 -3.91 0.00	84.93 -5.23 0.00	57.54 -2.56 0.00	54.96 -1.76 0.00	58.49 -2.88 0.00	93.19 -4.95 0.00	99.40 -6.03 0.00	89.71 -5.86 0.00	92.98 -5.82 0.00	90.59 -5.48 0.00	73.79 -5.11 0.00	92.18 -6.34 0.00	82.25 -5.43 -0.63	50.72 -3.17 0.00	56.69 -3.63 0.00	47.02 -2.88 0.00	59.63 -4.02 0.00	55.38 -3.94 0.00
KEDC_PORT_JEFF_GT2 24210	85.60 4.36 0.00	85.60 4.18 0.00	51.88 2.11 0.00	56.83 2.24 0.00	59.69 2.43 0.00	88.43 4.11 0.00	83.31 5.13 0.00	96.98 6.82 0.00	64.31 4.20 0.00	59.68 2.96 0.00	64.28 2.91 0.00	102.09 3.95 0.00	109.69 4.26 0.00	100.40 4.83 0.00	104.12 5.33 0.00	102.49 6.41 0.00	85.85 6.95 0.00	108.72 10.05 -0.15	99.39 8.92 -3.42	69.51 5.89 -9.72	66.16 5.85 0.00	54.28 4.34 -0.05	68.06 4.40 -0.02	68.29 4.15 -4.80
KEDC_PORT_JEFF_GT3 24211	85.60 4.36 0.00	85.60 4.18 0.00	51.88 2.11 0.00	56.83 2.24 0.00	59.69 2.43 0.00	88.43 4.11 0.00	83.31 5.13 0.00	96.98 6.82 0.00	64.31 4.20 0.00	59.68 2.96 0.00	64.28 2.91 0.00	102.09 3.95 0.00	109.69 4.26 0.00	100.40 4.83 0.00	104.12 5.33 0.00	102.49 6.41 0.00	85.85 6.95 0.00	108.72 10.05 -0.15	99.39 8.92 -3.42	69.51 5.89 -9.72	66.16 5.85 0.00	54.28 4.34 -0.05	68.06 4.40 -0.02	68.29 4.15 -4.80
KEDC_GLWD_GT4 24219	85.09 3.85 0.00	85.11 3.69 0.00	51.70 1.93 0.00	56.60 2.02 0.00	59.41 2.15 0.00	87.43 3.11 0.00	82.06 3.89 0.00	95.70 5.54 0.00	63.77 3.66 0.00	59.58 2.86 0.00	64.51 3.14 0.00	102.54 4.39 0.00	109.62 4.18 0.00	99.79 4.22 0.00	103.56 4.76 0.00	102.00 5.93 0.00	84.95 6.05 0.00	107.10 8.44 -0.15	97.91 7.44 -3.42	68.64 5.02 -9.72	65.40 5.09 0.00	53.79 3.85 -0.05	67.53 3.81 -0.07	83.99 3.54 -21.12
KEDC_GLWD_GT5 24220	85.09 3.85 0.00	85.11 3.69 0.00	51.70 1.93 0.00	56.60 2.02 0.00	59.41 2.15 0.00	87.43 3.11 0.00	82.06 3.89 0.00	95.70 5.54 0.00	63.77 3.66 0.00	59.58 2.86 0.00	64.51 3.14 0.00	102.54 4.39 0.00	109.62 4.18 0.00	99.79 4.22 0.00	103.56 4.76 0.00	102.00 5.93 0.00	84.95 6.05 0.00	107.10 8.44 -0.15	97.91 7.44 -3.42	68.64 5.02 -9.72	65.40 5.09 0.00	53.79 3.85 -0.05	67.53 3.81 -0.07	83.99 3.54 -21.12

KENSICO____ 23655	83.76 2.52 0.00	83.80 2.38 0.00	51.08 1.31 0.00	55.91 1.32 0.00	58.65 1.39 0.00	86.48 2.16 0.00	80.98 2.81 0.00	94.47 4.31 0.00	63.03 2.93 0.00	59.05 2.33 0.00	63.72 2.35 0.00	101.43 3.28 0.00	108.70 3.27 0.00	98.94 3.37 0.00	102.58 3.79 0.00	100.43 4.36 0.00	83.52 4.62 0.00	105.51 6.85 -0.15	96.63 6.16 -3.41	57.89 4.00 0.00	64.32 4.01 0.00	52.89 2.99 0.00	66.67 3.02 0.00	62.05 2.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	84.36 3.12 0.00	84.42 3.00 0.00	51.45 1.69 0.00	56.36 1.77 0.00	59.14 1.88 0.00	87.26 2.94 0.00	81.72 3.54 0.00	95.19 5.03 0.00	63.49 3.39 0.00	59.36 2.64 0.00	63.90 2.52 0.00	101.40 3.25 0.00	108.61 3.18 0.00	98.99 3.42 0.00	102.71 3.92 0.00	100.76 4.69 0.00	83.99 5.09 0.00	106.48 7.78 -0.18	97.39 7.05 -3.28	58.41 4.52 0.00	64.91 4.60 0.00	53.37 3.48 0.00	67.33 3.69 0.00	62.56 3.23 0.00
KIAC_JFK_GT1 23816	83.38 2.14 0.00	83.47 2.05 0.00	50.87 1.10 0.00	55.62 1.03 0.00	58.33 1.07 0.00	85.98 1.66 0.00	80.75 2.58 0.00	94.39 4.24 0.00	62.97 2.86 0.00	58.97 2.25 0.00	63.56 2.19 0.00	101.09 2.94 0.00	108.27 2.83 0.00	98.56 2.99 0.00	102.12 3.33 0.00	100.07 4.00 0.00	83.46 4.56 0.00	105.53 6.86 -0.15	96.77 6.29 -3.42	58.02 4.12 0.00	64.41 4.10 0.00	52.89 2.99 0.00	66.62 2.97 0.00	61.93 2.60 0.00
KIAC_JFK_GT2 23817	83.38 2.14 0.00	83.47 2.05 0.00	50.87 1.10 0.00	55.62 1.03 0.00	58.33 1.07 0.00	85.98 1.66 0.00	80.75 2.58 0.00	94.39 4.24 0.00	62.97 2.86 0.00	58.97 2.25 0.00	63.56 2.19 0.00	101.09 2.94 0.00	108.27 2.83 0.00	98.56 2.99 0.00	102.12 3.33 0.00	100.07 4.00 0.00	83.46 4.56 0.00	105.53 6.86 -0.15	96.77 6.29 -3.42	58.02 4.12 0.00	64.41 4.10 0.00	52.89 2.99 0.00	66.62 2.97 0.00	61.93 2.60 0.00
KIAC_JFK____ 323774	83.38 2.14 0.00	83.46 2.04 0.00	50.86 1.09 0.00	55.62 1.04 0.00	58.33 1.07 0.00	85.98 1.66 0.00	80.75 2.57 0.00	94.38 4.22 0.00	62.97 2.86 0.00	58.97 2.25 0.00	63.57 2.19 0.00	101.09 2.94 0.00	108.26 2.83 0.00	98.55 2.99 0.00	102.13 3.34 0.00	100.06 3.99 0.00	83.47 4.57 0.00	105.53 6.86 -0.15	96.77 6.30 -3.42	58.01 4.12 0.00	64.41 4.10 0.00	52.88 2.98 0.00	66.62 2.98 0.00	61.92 2.60 0.00
KINTIGH____ 23543	74.89 -6.35 0.00	75.11 -6.31 0.00	46.18 -3.59 0.00	50.68 -3.91 0.00	53.32 -3.94 0.00	79.82 -4.50 0.00	72.79 -5.39 0.00	83.27 -6.88 0.00	56.18 -3.93 0.00	53.48 -3.24 0.00	57.43 -3.95 0.00	91.50 -6.64 0.00	98.06 -7.37 0.00	88.53 -7.04 0.00	91.67 -7.13 0.00	89.24 -6.84 0.00	72.78 -6.12 0.00	90.72 -7.80 0.00	80.84 -6.75 -0.53	49.88 -4.02 0.00	55.74 -4.57 0.00	46.19 -3.70 0.00	58.63 -5.02 0.00	54.55 -4.78 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	83.55 2.31 0.00	83.80 2.38 0.00	51.09 1.32 0.00	55.98 1.40 0.00	58.42 1.16 0.00	85.48 1.16 0.00	79.67 1.50 0.00	91.58 1.42 0.00	60.40 0.29 0.00	57.04 0.32 0.00	61.76 0.39 0.00	98.96 0.82 0.00	106.26 0.83 0.00	96.18 0.61 0.00	98.80 0.01 0.00	95.70 -0.37 0.00	78.42 -0.48 0.00	97.37 -1.14 0.00	85.93 -1.13 0.00	53.01 -0.89 0.00	60.05 -0.26 0.00	49.81 -0.09 0.00	64.11 0.46 0.00	60.15 0.82 0.00
LACHUTE__HYDRO 323717	90.26 9.02 0.00	90.18 8.75 0.00	55.03 5.26 0.00	60.42 5.83 0.00	63.60 6.34 0.00	93.03 8.71 0.00	87.92 9.74 0.00	102.71 12.55 0.00	68.65 8.54 0.00	63.79 7.07 0.00	69.13 7.76 0.00	108.91 10.76 0.00	115.95 10.52 0.00	105.84 10.27 0.00	109.79 11.00 0.00	108.77 12.70 0.00	90.41 11.51 0.00	117.22 17.08 -1.62	106.00 14.63 -4.31	63.18 9.29 0.00	69.96 9.65 0.00	57.34 7.44 0.00	72.51 8.87 0.00	67.49 8.16 0.00
LAWRNCV_115KV_TB1 80681	83.18 1.94 0.00	83.17 1.75 0.00	50.87 1.10 0.00	56.05 1.46 0.00	58.28 1.02 0.00	85.44 1.13 0.00	79.03 0.85 0.00	90.50 0.34 0.00	60.02 -0.09 0.00	57.30 0.58 0.00	62.17 0.79 0.00	100.00 1.85 0.00	108.28 2.84 0.00	96.90 1.33 0.00	99.67 0.87 0.00	96.05 -0.02 0.00	78.06 -0.84 0.00	96.36 -2.15 0.00	84.65 -2.41 0.00	52.51 -1.38 0.00	59.49 -0.81 0.00	49.64 -0.25 0.00	64.37 0.72 0.00	60.14 0.81 0.00
LEDERLE____ 23769	83.59 2.35 0.00	83.61 2.19 0.00	50.97 1.20 0.00	55.79 1.20 0.00	58.52 1.26 0.00	86.39 2.07 0.00	80.87 2.70 0.00	94.28 4.12 0.00	62.91 2.81 0.00	58.92 2.20 0.00	63.59 2.21 0.00	101.17 3.03 0.00	108.42 2.99 0.00	98.69 3.12 0.00	102.30 3.51 0.00	100.17 4.10 0.00	83.28 4.38 0.00	105.27 6.61 -0.14	96.26 5.92 -3.29	57.77 3.88 0.00	64.17 3.86 0.00	52.76 2.87 0.00	66.54 2.90 0.00	61.87 2.54 0.00
LIGHTRSE_115KV_TB6 355974	79.57 -1.67 0.00	79.28 -2.14 0.00	48.43 -1.35 0.00	53.35 -1.24 0.00	56.11 -1.15 0.00	83.05 -1.27 0.00	77.45 -0.72 0.00	89.13 -1.03 0.00	59.44 -0.67 0.00	55.77 -0.96 0.00	59.95 -1.43 0.00	96.48 -1.66 0.00	103.31 -2.12 0.00	93.36 -2.21 0.00	96.48 -2.32 0.00	94.64 -1.43 0.00	78.03 -0.87 0.00	98.07 -0.45 0.00	87.04 -0.33 -0.30	53.81 -0.08 0.00	60.13 -0.17 0.00	49.68 -0.21 0.00	63.02 -0.63 0.00	58.53 -0.80 0.00
LINDEN COGEN____ 23786	83.30 2.06 0.00	83.30 1.88 0.00	50.82 1.05 0.00	55.56 0.97 0.00	58.27 1.01 0.00	86.04 1.72 0.00	80.60 2.42 0.00	94.06 3.90 0.00	62.77 2.66 0.00	58.68 2.09 0.12	63.38 2.00 0.00	92.91 2.72 7.96	61.44 2.59 46.58	62.12 2.82 36.27	49.32 3.17 52.65	54.80 3.82 45.09	69.26 4.29 13.93	91.94 6.42 13.00	53.92 5.83 38.97	57.28 3.80 0.41	64.00 3.74 0.06	52.48 2.72 0.14	66.25 2.61 0.00	61.67 2.34 0.00
LINDHRST_69_KV_BK1 356055	85.76 4.53 0.00	85.79 4.36 0.00	52.06 2.29 0.00	57.02 2.43 0.00	59.87 2.61 0.00	88.60 4.28 0.00	83.21 5.03 0.00	96.92 6.76 0.00	64.56 4.45 0.00	60.11 3.39 0.00	64.79 3.41 0.00	102.93 4.78 0.00	110.49 5.06 0.00	100.56 4.99 0.00	104.42 5.62 0.00	102.63 6.56 0.00	85.79 6.89 0.00	108.55 9.88 -0.15	99.21 8.74 -3.42	69.54 5.93 -9.72	66.30 5.99 0.00	54.48 4.54 -0.05	68.24 4.55 -0.04	74.99 4.23 -11.44
LIPA_MISC_IPP 23656	85.40 4.17 0.00	85.43 4.01 0.00	51.78 2.01 0.00	56.72 2.13 0.00	59.58 2.32 0.00	88.31 3.99 0.00	83.32 5.14 0.00	96.96 6.80 0.00	64.34 4.24 0.00	59.72 3.00 0.00	64.36 2.98 0.00	102.12 3.97 0.00	109.54 4.11 0.00	100.00 4.43 0.00	103.55 4.75 0.00	102.00 5.92 0.00	85.52 6.62 0.00	108.24 9.57 -0.15	99.09 8.62 -3.42	69.14 5.53 -9.72	65.67 5.36 0.00	53.92 3.97 -0.05	67.75 4.09 -0.02	67.85 3.89 -4.62
LISF__SOLAR 323691	85.58 4.34 0.00	85.57 4.15 0.00	51.87 2.10 0.00	56.83 2.24 0.00	59.69 2.43 0.00	88.47 4.16 0.00	83.50 5.32 0.00	97.18 7.02 0.00	64.46 4.35 0.00	59.78 3.06 0.00	64.41 3.03 0.00	102.21 4.06 0.00	109.65 4.21 0.00	100.12 4.55 0.00	103.65 4.85 0.00	102.16 6.09 0.00	85.69 6.79 0.00	108.52 9.85 -0.15	99.33 8.86 -3.42	69.30 5.68 -9.72	65.85 5.54 0.00	54.02 4.08 -0.05	67.89 4.23 -0.02	68.04 4.02 -4.69

LITTLE FALLS___HYD 24013	84.13 2.90 0.00	84.58 3.16 0.00	51.47 1.70 0.00	56.30 1.72 0.00	59.28 2.02 0.00	86.83 2.51 0.00	80.84 2.66 0.00	94.67 4.51 0.00	63.12 3.02 0.00	58.38 1.66 0.00	61.37 0.00 0.00	97.64 -0.51 0.00	105.22 -0.22 0.00	95.70 0.13 0.00	99.28 0.48 0.00	98.35 2.28 0.00	82.88 3.98 0.00	105.58 7.06 0.00	93.57 6.51 0.00	58.14 4.24 0.00	64.34 4.03 0.00	53.20 3.31 0.00	66.82 3.17 0.00	62.73 3.40 0.00
LITTLRIV_115KV_TB1 356100	84.27 3.03 0.00	84.26 2.83 0.00	51.53 1.77 0.00	56.79 2.20 0.00	59.03 1.77 0.00	86.54 2.22 0.00	80.05 1.87 0.00	91.69 1.53 0.00	60.80 0.69 0.00	58.05 1.33 0.00	63.03 1.66 0.00	101.38 3.24 0.00	109.75 4.32 0.00	98.21 2.64 0.00	101.08 2.28 0.00	97.28 1.21 0.00	79.03 0.13 0.00	97.54 -0.98 0.00	85.81 -1.30 -0.06	53.18 -0.71 0.00	60.26 -0.05 0.00	50.27 0.38 0.00	65.25 1.61 0.00	61.01 1.68 0.00
LI_NEWBRDGE___DRP 323616	84.44 3.20 0.00	84.51 3.09 0.00	51.32 1.55 0.00	56.20 1.61 0.00	58.99 1.73 0.00	87.10 2.78 0.00	81.75 3.57 0.00	95.24 5.08 0.00	63.44 3.33 0.00	59.23 2.51 0.00	63.94 2.56 0.00	101.67 3.53 0.00	109.05 3.62 0.00	99.25 3.68 0.00	103.01 4.21 0.00	101.08 5.00 0.00	84.28 5.38 0.00	106.52 7.85 -0.15	97.37 6.90 -3.42	68.34 4.72 -9.72	65.04 4.72 0.00	53.50 3.55 -0.05	67.09 3.44 0.00	62.52 3.19 0.00
LOCKPORT_115KV_TB60_63_64 80432	74.57 -6.67 0.00	74.83 -6.59 0.00	46.11 -3.66 0.00	50.61 -3.98 0.00	53.24 -4.02 0.00	79.91 -4.40 0.00	72.49 -5.68 0.00	82.82 -7.34 0.00	56.11 -4.00 0.00	53.51 -3.21 0.00	57.29 -4.09 0.00	91.17 -6.98 0.00	97.52 -7.91 0.00	87.86 -7.71 0.00	90.97 -7.83 0.00	88.65 -7.42 0.00	72.05 -6.85 0.00	89.52 -9.00 0.00	79.86 -7.77 -0.57	49.27 -4.63 0.00	55.07 -5.24 0.00	45.73 -4.16 0.00	57.96 -5.68 0.00	53.90 -5.43 0.00
LOCKPORT___CC1 323769	74.01 -6.94 0.29	74.57 -6.86 0.00	45.94 -3.83 0.00	50.42 -4.17 0.00	53.05 -4.21 0.00	79.61 -4.71 0.00	72.22 -5.96 0.00	82.50 -7.66 0.00	55.87 -4.24 0.00	53.29 -3.43 0.00	57.04 -4.33 0.00	90.80 -7.35 0.00	97.12 -8.31 0.00	87.50 -8.07 0.00	90.59 -8.20 0.00	88.29 -7.79 0.00	71.75 -7.15 0.00	89.20 -9.32 0.00	79.57 -8.06 -0.57	49.10 -4.79 0.00	54.85 -5.46 0.00	45.61 -4.28 0.00	57.76 -5.88 0.00	53.66 -5.67 0.00
LOCKPORT___CC2 323770	74.01 -6.94 0.29	74.57 -6.86 0.00	45.94 -3.83 0.00	50.42 -4.17 0.00	53.05 -4.21 0.00	79.61 -4.71 0.00	72.22 -5.96 0.00	82.50 -7.66 0.00	55.87 -4.24 0.00	53.29 -3.43 0.00	57.04 -4.33 0.00	90.80 -7.35 0.00	97.12 -8.31 0.00	87.50 -8.07 0.00	90.59 -8.20 0.00	88.29 -7.79 0.00	71.75 -7.15 0.00	89.20 -9.32 0.00	79.57 -8.06 -0.57	49.10 -4.79 0.00	54.85 -5.46 0.00	45.61 -4.28 0.00	57.76 -5.88 0.00	53.66 -5.67 0.00
LOCKPORT___CC3 323771	74.01 -6.94 0.29	74.57 -6.86 0.00	45.94 -3.83 0.00	50.42 -4.17 0.00	53.05 -4.21 0.00	79.61 -4.71 0.00	72.22 -5.96 0.00	82.50 -7.66 0.00	55.87 -4.24 0.00	53.29 -3.43 0.00	57.04 -4.33 0.00	90.80 -7.35 0.00	97.12 -8.31 0.00	87.50 -8.07 0.00	90.59 -8.20 0.00	88.29 -7.79 0.00	71.75 -7.15 0.00	89.20 -9.32 0.00	79.57 -8.06 -0.57	49.10 -4.79 0.00	54.85 -5.46 0.00	45.61 -4.28 0.00	57.76 -5.88 0.00	53.66 -5.67 0.00
LONG_LAKE_PHOENIX 24014	77.86 -3.38 0.00	77.98 -3.44 0.00	47.69 -2.08 0.00	52.32 -2.27 0.00	54.96 -2.30 0.00	81.28 -3.04 0.00	75.48 -2.69 0.00	87.18 -2.98 0.00	58.28 -1.83 0.00	54.89 -1.83 0.00	59.25 -2.12 0.00	94.64 -3.51 0.00	101.61 -3.82 0.00	92.12 -3.45 0.00	95.38 -3.42 0.00	92.98 -3.09 0.00	76.50 -2.40 0.00	95.97 -2.55 0.00	85.21 -2.19 -0.34	52.59 -1.30 0.00	58.67 -1.64 0.00	48.41 -1.49 0.00	61.43 -2.21 0.00	57.15 -2.18 0.00
LOVETT___3 23632	83.11 1.87 0.00	83.15 1.73 0.00	50.69 0.92 0.00	55.47 0.88 0.00	58.20 0.95 0.00	85.88 1.56 0.00	80.38 2.20 0.00	93.66 3.50 0.00	62.49 2.39 0.00	58.54 1.82 0.00	63.17 1.80 0.00	100.51 2.37 0.00	107.72 2.29 0.00	98.07 2.50 0.00	101.64 2.84 0.00	99.54 3.47 0.00	82.73 3.83 0.00	104.55 5.89 -0.15	95.66 5.30 -3.30	57.37 3.48 0.00	63.75 3.43 0.00	52.42 2.52 0.00	66.10 2.46 0.00	61.51 2.18 0.00
LOVETT___4 23642	83.11 1.87 0.00	83.15 1.73 0.00	50.69 0.92 0.00	55.47 0.88 0.00	58.20 0.95 0.00	85.88 1.56 0.00	80.38 2.20 0.00	93.66 3.50 0.00	62.49 2.39 0.00	58.54 1.82 0.00	63.17 1.80 0.00	100.51 2.37 0.00	107.72 2.29 0.00	98.07 2.50 0.00	101.64 2.84 0.00	99.54 3.47 0.00	82.73 3.83 0.00	104.55 5.89 -0.15	95.66 5.30 -3.30	57.37 3.48 0.00	63.75 3.43 0.00	52.42 2.52 0.00	66.10 2.46 0.00	61.51 2.18 0.00
LOVETT___5 23593	83.11 1.87 0.00	83.15 1.73 0.00	50.69 0.92 0.00	55.47 0.88 0.00	58.20 0.95 0.00	85.88 1.56 0.00	80.38 2.20 0.00	93.66 3.50 0.00	62.49 2.39 0.00	58.54 1.82 0.00	63.17 1.80 0.00	100.51 2.37 0.00	107.72 2.29 0.00	98.07 2.50 0.00	101.64 2.84 0.00	99.54 3.47 0.00	82.73 3.83 0.00	104.55 5.89 -0.15	95.66 5.30 -3.30	57.37 3.48 0.00	63.75 3.43 0.00	52.42 2.52 0.00	66.10 2.46 0.00	61.51 2.18 0.00
LOWER RAQUET___HYD 24057	83.23 1.99 0.00	83.20 1.77 0.00	50.88 1.11 0.00	56.07 1.48 0.00	58.25 0.99 0.00	85.31 0.99 0.00	78.96 0.79 0.00	90.45 0.29 0.00	59.96 -0.15 0.00	57.28 0.56 0.00	62.12 0.75 0.00	100.00 1.85 0.00	108.20 2.77 0.00	96.86 1.28 0.00	99.59 0.80 0.00	95.90 -0.17 0.00	77.94 -0.96 0.00	96.22 -2.30 0.00	84.63 -2.49 -0.06	52.45 -1.44 0.00	59.44 -0.87 0.00	49.62 -0.27 0.00	64.41 0.77 0.00	60.23 0.90 0.00
LOWER___HUDSON 24059	84.83 3.59 0.00	84.92 3.50 0.00	51.85 2.08 0.00	56.92 2.33 0.00	59.75 2.49 0.00	87.42 3.10 0.00	81.32 3.15 0.00	94.45 4.29 0.00	63.00 2.89 0.00	59.12 2.40 0.00	63.84 2.46 0.00	101.72 3.57 0.00	109.18 3.75 0.00	99.44 3.87 0.00	102.97 4.18 0.00	100.52 4.44 0.00	83.13 4.23 0.00	105.97 6.11 -1.34	96.71 5.42 -4.23	57.16 3.27 0.00	63.74 3.43 0.00	52.66 2.77 0.00	66.81 3.17 0.00	62.40 3.07 0.00
LOWVILLE_115KV_TB2 356335	83.80 2.56 0.00	83.04 1.62 0.00	50.46 0.69 0.00	55.86 1.27 0.00	58.83 1.57 0.00	86.91 2.59 0.00	81.54 3.36 0.00	94.02 3.86 0.00	62.39 2.28 0.00	58.30 1.58 0.00	61.96 0.59 0.00	100.69 2.55 0.00	107.77 2.34 0.00	96.57 1.00 0.00	99.59 0.79 0.00	98.19 2.11 0.00	81.57 2.67 0.00	102.59 4.07 0.00	90.81 3.60 -0.14	56.32 2.43 0.00	63.19 2.88 0.00	52.11 2.22 0.00	66.28 2.63 0.00	61.53 2.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	85.99 4.75 0.00	86.10 4.68 0.00	52.56 2.79 0.00	57.68 3.09 0.00	60.59 3.33 0.00	88.95 4.63 0.00	82.86 4.68 0.00	96.22 6.05 0.00	64.13 4.02 0.00	60.11 3.39 0.00	64.78 3.40 0.00	103.23 5.08 0.00	110.82 5.39 0.00	100.76 5.19 0.00	104.40 5.61 0.00	102.13 6.06 0.00	84.72 5.82 0.00	108.29 8.17 -1.60	98.57 7.21 -4.30	58.31 4.41 0.00	64.95 4.64 0.00	53.61 3.71 0.00	67.99 4.35 0.00	63.40 4.07 0.00

LUTHERNY_35_KV_BK2 355980	86.06 4.82 0.00	86.25 4.83 0.00	52.57 2.80 0.00	57.69 3.10 0.00	60.60 3.33 0.00	89.10 4.78 0.00	82.94 4.76 0.00	96.28 6.12 0.00	64.15 4.05 0.00	60.18 3.46 0.00	64.82 3.45 0.00	103.28 5.13 0.00	110.85 5.42 0.00	100.85 5.28 0.00	104.46 5.67 0.00	102.22 6.14 0.00	84.76 5.86 0.00	108.38 8.26 -1.60	98.69 7.33 -4.30	58.36 4.47 0.00	64.99 4.68 0.00	53.63 3.74 0.00	68.10 4.45 0.00	63.44 4.11 0.00
LWR___OSWEGATCHIE_HYD 23850	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.92 1.75 0.00	60.94 0.84 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.10 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
LYONS_FALL_HYD 23570	83.63 2.39 0.00	83.19 1.77 0.00	50.67 0.90 0.00	55.91 1.32 0.00	58.84 1.58 0.00	86.89 2.57 0.00	81.29 3.12 0.00	93.87 3.71 0.00	62.42 2.31 0.00	58.47 1.75 0.00	62.51 1.14 0.00	100.94 2.80 0.00	108.14 2.71 0.00	97.31 1.74 0.00	100.55 1.75 0.00	98.73 2.65 0.00	81.80 2.90 0.00	102.71 4.19 0.00	90.89 3.70 -0.13	56.33 2.44 0.00	63.06 2.75 0.00	52.02 2.12 0.00	66.10 2.46 0.00	61.42 2.09 0.00
MADISON___COUNTY_LFGE 323628	82.92 1.68 0.00	83.01 1.59 0.00	50.79 1.02 0.00	55.82 1.24 0.00	58.67 1.41 0.00	86.75 2.43 0.00	80.93 2.75 0.00	93.62 3.47 0.00	62.49 2.38 0.00	58.72 2.00 0.00	63.20 1.83 0.00	101.08 2.93 0.00	108.38 2.95 0.00	98.17 2.60 0.00	101.78 2.98 0.00	99.35 3.28 0.00	81.99 3.09 0.00	102.73 4.22 0.00	91.03 3.74 -0.23	56.26 2.37 0.00	62.74 2.43 0.00	51.76 1.86 0.00	65.69 2.05 0.00	61.05 1.73 0.00
MALONE___115KV_TB1 356076	83.65 2.41 0.00	83.80 2.38 0.00	51.15 1.38 0.00	56.17 1.58 0.00	58.54 1.28 0.00	85.94 1.62 0.00	79.89 1.72 0.00	91.67 1.51 0.00	60.58 0.48 0.00	57.55 0.83 0.00	62.39 1.01 0.00	100.09 1.94 0.00	107.97 2.54 0.00	97.34 1.77 0.00	100.12 1.32 0.00	96.77 0.70 0.00	79.00 0.10 0.00	97.85 -0.67 0.00	86.33 -0.73 0.00	53.31 -0.59 0.00	60.55 0.24 0.00	50.27 0.37 0.00	64.77 1.12 0.00	60.55 1.22 0.00
MAPLEWOD_115KV_TB3 80458	84.34 3.10 0.00	84.40 2.98 0.00	51.54 1.77 0.00	56.59 2.00 0.00	59.39 2.13 0.00	86.89 2.57 0.00	80.82 2.64 0.00	93.72 3.56 0.00	62.53 2.42 0.00	58.74 2.02 0.00	63.40 2.03 0.00	101.03 2.88 0.00	108.50 3.06 0.00	98.92 3.35 0.00	102.31 3.52 0.00	99.72 3.65 0.00	82.40 3.50 0.00	104.64 5.06 -1.07	95.78 4.52 -4.20	56.54 2.64 0.00	63.03 2.73 0.00	52.14 2.25 0.00	66.19 2.54 0.00	61.95 2.62 0.00
MAPLE_RIDGE_WT_1 323574	81.64 0.40 0.00	81.72 0.30 0.00	49.86 0.09 0.00	54.75 0.16 0.00	57.49 0.23 0.00	84.55 0.23 0.00	78.34 0.16 0.00	90.13 -0.03 0.00	59.94 -0.17 0.00	56.55 -0.17 0.00	60.99 -0.38 0.00	97.93 -0.22 0.00	105.34 -0.09 0.00	94.84 -0.73 0.00	98.17 -0.63 0.00	95.39 -0.68 0.00	78.34 -0.56 0.00	97.55 -0.96 0.00	86.23 -0.83 0.00	53.37 -0.52 0.00	59.96 -0.35 0.00	49.72 -0.18 0.00	63.68 0.03 0.00	59.33 0.00 0.00
MAPLE_RIDGE_WT_2 323611	81.64 0.40 0.00	81.72 0.30 0.00	49.86 0.09 0.00	54.75 0.16 0.00	57.49 0.23 0.00	84.55 0.23 0.00	78.34 0.16 0.00	90.13 -0.03 0.00	59.94 -0.17 0.00	56.55 -0.17 0.00	60.99 -0.38 0.00	97.93 -0.22 0.00	105.34 -0.09 0.00	94.84 -0.73 0.00	98.17 -0.63 0.00	95.39 -0.68 0.00	78.34 -0.56 0.00	97.55 -0.96 0.00	86.23 -0.83 0.00	53.37 -0.52 0.00	59.96 -0.35 0.00	49.72 -0.18 0.00	63.68 0.03 0.00	59.33 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	82.14 0.90 0.00	82.40 0.98 0.00	50.25 0.49 0.00	55.09 0.50 0.00	57.44 0.17 0.00	84.12 -0.20 0.00	78.27 0.09 0.00	89.76 -0.40 0.00	59.23 -0.87 0.00	56.01 -0.71 0.00	60.66 -0.71 0.00	97.29 -0.86 0.00	104.72 -0.71 0.00	94.70 -0.87 0.00	97.30 -1.50 0.00	94.23 -1.84 0.00	77.16 -1.75 0.00	95.52 -2.99 0.00	84.23 -2.83 0.00	51.95 -1.94 0.00	58.86 -1.45 0.00	48.93 -0.96 0.00	63.04 -0.60 0.00	59.03 -0.30 0.00
MARSHVLE_115KV_TB1 80742	85.64 4.41 0.00	85.79 4.37 0.00	52.43 2.66 0.00	57.44 2.85 0.00	60.43 3.17 0.00	89.25 4.93 0.00	83.09 4.92 0.00	96.00 5.84 0.00	63.86 3.75 0.00	59.59 2.87 0.00	63.64 2.26 0.00	101.97 3.82 0.00	109.65 4.21 0.00	98.70 3.13 0.00	102.24 3.44 0.00	100.62 4.55 0.00	83.63 4.73 0.00	106.67 6.66 -1.49	97.84 5.95 -4.83	57.72 3.83 0.00	64.57 4.26 0.00	53.40 3.50 0.00	67.80 4.15 0.00	62.99 3.66 0.00
MARSH_HILL_WT_PWR 323713	78.57 -2.66 0.00	78.77 -2.65 0.00	48.50 -1.27 0.00	53.05 -1.54 0.00	55.73 -1.53 0.00	83.11 -1.21 0.00	76.82 -1.36 0.00	88.45 -1.71 0.00	59.25 -0.86 0.00	55.71 -1.01 0.00	59.34 -2.03 0.00	92.99 -5.16 0.00	98.62 -6.81 0.00	89.01 -6.56 0.00	91.22 -7.58 0.00	88.72 -7.35 0.00	73.82 -5.08 0.00	93.85 -4.71 -0.04	84.16 -3.67 -0.77	52.35 -1.54 0.00	58.41 -1.90 0.00	48.13 -1.76 0.00	61.32 -2.32 0.00	57.46 -1.87 0.00
MCINTYRE_115KV_TB2 80467	84.82 3.59 0.00	84.85 3.43 0.00	51.93 2.16 0.00	57.19 2.60 0.00	59.54 2.28 0.00	87.52 3.20 0.00	80.87 2.70 0.00	92.59 2.43 0.00	61.41 1.30 0.00	58.60 1.88 0.00	63.63 2.26 0.00	102.24 4.09 0.00	110.69 5.25 0.00	99.02 3.45 0.00	101.98 3.19 0.00	98.28 2.21 0.00	79.88 0.99 0.00	98.50 -0.01 0.00	86.60 -0.46 0.00	53.67 -0.22 0.00	60.81 0.50 0.00	50.72 0.83 0.00	65.73 2.09 0.00	61.33 2.00 0.00
MECO_____69_KV_BK1 80468	86.69 5.45 0.00	86.80 5.37 0.00	53.01 3.24 0.00	58.12 3.53 0.00	61.13 3.87 0.00	90.23 5.91 0.00	84.15 5.97 0.00	97.44 7.28 0.00	64.65 4.54 0.00	60.14 3.42 0.00	63.85 2.48 0.00	102.68 4.53 0.00	110.70 5.27 0.00	99.16 3.59 0.00	103.19 4.40 0.00	101.96 5.89 0.00	85.13 6.23 0.00	109.15 9.04 -1.60	99.80 8.09 -4.65	58.95 5.05 0.00	65.78 5.47 0.00	54.27 4.38 0.00	68.78 5.13 0.00	63.95 4.62 0.00
MENANDS___115KV_TB5 355628	83.94 2.70 0.00	84.01 2.58 0.00	51.30 1.53 0.00	56.34 1.75 0.00	59.10 1.84 0.00	86.45 2.13 0.00	80.38 2.20 0.00	93.10 2.95 0.00	62.14 2.03 0.00	58.43 1.70 0.00	63.09 1.72 0.00	100.51 2.36 0.00	107.93 2.50 0.00	98.43 2.86 0.00	101.72 2.92 0.00	99.04 2.96 0.00	81.74 2.84 0.00	103.66 4.14 -1.00	94.95 3.70 -4.19	56.03 2.14 0.00	62.48 2.17 0.00	51.73 1.83 0.00	65.68 2.04 0.00	61.57 2.24 0.00
MG INDUSTRY___DRP 24185	85.86 4.62 0.00	86.23 4.81 0.00	52.72 2.95 0.00	57.88 3.29 0.00	60.77 3.51 0.00	89.03 4.71 0.00	82.66 4.48 0.00	95.48 5.31 0.00	63.58 3.47 0.00	59.37 2.65 0.00	63.58 2.20 0.00	100.82 2.67 0.00	108.45 3.02 0.00	99.18 3.61 0.00	102.10 3.31 0.00	99.98 3.91 0.00	83.35 4.45 0.00	105.53 6.42 -0.60	96.87 5.75 -4.07	57.26 3.37 0.00	63.82 3.51 0.00	52.84 2.95 0.00	67.20 3.56 0.00	63.22 3.89 0.00

MID___OSWEGATCHIE_HYD 23849	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.92 1.75 0.00	60.94 0.84 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.10 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
MID___RAQUETTE_HYD 23851	83.23 1.99 0.00	83.20 1.78 0.00	50.88 1.11 0.00	56.07 1.48 0.00	58.25 0.99 0.00	85.31 0.99 0.00	78.96 0.79 0.00	90.45 0.28 0.00	59.96 -0.15 0.00	57.28 0.56 0.00	62.12 0.75 0.00	100.00 1.85 0.00	108.20 2.77 0.00	96.86 1.29 0.00	99.60 0.80 0.00	95.90 -0.17 0.00	77.95 -0.95 0.00	96.22 -2.30 0.00	84.62 -2.49 -0.06	52.45 -1.44 0.00	59.43 -0.88 0.00	49.62 -0.27 0.00	64.41 0.77 0.00	60.23 0.90 0.00
MILLIKEN___1 23584	80.84 -0.40 0.00	81.11 -0.31 0.00	49.62 -0.15 0.00	54.46 -0.12 0.00	57.24 -0.02 0.00	84.66 0.33 0.00	78.87 0.69 0.00	91.13 0.97 0.00	60.97 0.86 0.00	57.25 0.53 0.00	61.78 0.40 0.00	98.47 0.32 0.00	105.33 -0.10 0.00	95.72 0.16 0.00	99.36 0.57 0.00	97.00 0.92 0.00	79.92 1.02 0.00	100.70 2.14 -0.05	89.67 1.86 -0.75	55.21 1.32 0.00	61.40 1.09 0.00	50.60 0.70 0.00	64.23 0.58 0.00	59.82 0.49 0.00
MILLIKEN___2 23585	80.84 -0.40 0.00	81.11 -0.31 0.00	49.62 -0.15 0.00	54.46 -0.12 0.00	57.24 -0.02 0.00	84.66 0.33 0.00	78.87 0.69 0.00	91.13 0.97 0.00	60.97 0.86 0.00	57.25 0.53 0.00	61.78 0.40 0.00	98.47 0.32 0.00	105.33 -0.10 0.00	95.72 0.16 0.00	99.36 0.57 0.00	97.00 0.92 0.00	79.92 1.02 0.00	100.70 2.14 -0.05	89.67 1.86 -0.75	55.21 1.32 0.00	61.40 1.09 0.00	50.60 0.70 0.00	64.23 0.58 0.00	59.82 0.49 0.00
MILLIKEN___DIESEL 23629	80.84 -0.40 0.00	81.11 -0.31 0.00	49.62 -0.15 0.00	54.46 -0.12 0.00	57.24 -0.02 0.00	84.66 0.33 0.00	78.87 0.69 0.00	91.13 0.97 0.00	60.97 0.86 0.00	57.25 0.53 0.00	61.78 0.40 0.00	98.47 0.32 0.00	105.33 -0.10 0.00	95.72 0.16 0.00	99.36 0.57 0.00	97.00 0.92 0.00	79.92 1.02 0.00	100.70 2.14 -0.05	89.67 1.86 -0.75	55.21 1.32 0.00	61.40 1.09 0.00	50.60 0.70 0.00	64.23 0.58 0.00	59.82 0.49 0.00
MILLSEAT___LFGE 323607	76.14 -4.83 0.26	76.66 -4.76 0.00	47.17 -2.60 0.00	51.77 -2.82 0.00	54.49 -2.77 0.00	81.84 -2.48 0.00	74.62 -3.56 0.00	85.52 -4.64 0.00	57.84 -2.27 0.00	55.00 -1.72 0.00	58.84 -2.54 0.00	93.66 -4.48 0.00	100.23 -5.20 0.00	90.17 -5.40 0.00	93.43 -5.37 0.00	91.29 -4.78 0.00	74.39 -4.51 0.00	92.88 -5.64 0.00	82.83 -4.79 -0.55	51.12 -2.77 0.00	57.01 -3.30 0.00	47.27 -2.62 0.00	59.81 -3.84 0.00	55.52 -3.81 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	83.63 2.39 0.00	83.68 2.26 0.00	51.01 1.25 0.00	55.83 1.25 0.00	58.57 1.31 0.00	86.37 2.05 0.00	80.84 2.66 0.00	94.28 4.12 0.00	62.91 2.80 0.00	58.91 2.19 0.00	63.60 2.22 0.00	101.21 3.06 0.00	108.49 3.06 0.00	98.73 3.16 0.00	102.37 3.57 0.00	100.23 4.16 0.00	83.33 4.43 0.00	105.28 6.61 -0.15	96.39 5.94 -3.40	57.77 3.87 0.00	64.17 3.86 0.00	52.77 2.87 0.00	66.54 2.90 0.00	61.94 2.61 0.00
MILLWOOD_13_KV_LOAD 356217	83.71 2.48 0.00	83.78 2.36 0.00	51.08 1.31 0.00	55.92 1.33 0.00	58.66 1.40 0.00	86.51 2.19 0.00	81.00 2.82 0.00	94.42 4.26 0.00	63.02 2.91 0.00	59.00 2.28 0.00	63.68 2.30 0.00	101.33 3.18 0.00	108.61 3.18 0.00	98.84 3.28 0.00	102.48 3.69 0.00	100.37 4.30 0.00	83.46 4.56 0.00	105.48 6.81 -0.15	96.56 6.10 -3.40	57.86 3.96 0.00	64.28 3.97 0.00	52.86 2.96 0.00	66.66 3.02 0.00	62.02 2.69 0.00
MODEL_CITY_ENERGY 24167	73.63 -7.30 0.30	74.25 -7.17 0.00	45.76 -4.01 0.00	50.23 -4.36 0.00	52.84 -4.42 0.00	79.30 -5.02 0.00	71.77 -6.41 0.00	81.91 -8.25 0.00	55.51 -4.60 0.00	52.94 -3.78 0.00	56.69 -4.68 0.00	90.24 -7.91 0.00	96.53 -8.90 0.00	86.98 -8.59 0.00	90.02 -8.77 0.00	87.74 -8.33 0.00	71.17 -7.73 0.00	88.34 -10.18 0.00	78.84 -8.80 -0.58	48.67 -5.22 0.00	54.41 -5.90 0.00	45.25 -4.65 0.00	57.37 -6.28 0.00	53.44 -5.89 0.00
MODERN_LFGE___ 323580	73.63 -7.30 0.30	74.25 -7.17 0.00	45.76 -4.01 0.00	50.23 -4.36 0.00	52.84 -4.42 0.00	79.30 -5.02 0.00	71.77 -6.41 0.00	81.91 -8.25 0.00	55.51 -4.60 0.00	52.94 -3.78 0.00	56.69 -4.68 0.00	90.24 -7.91 0.00	96.53 -8.90 0.00	86.98 -8.59 0.00	90.02 -8.77 0.00	87.74 -8.33 0.00	71.17 -7.73 0.00	88.34 -10.18 0.00	78.84 -8.80 -0.58	48.67 -5.22 0.00	54.41 -5.90 0.00	45.25 -4.65 0.00	57.37 -6.28 0.00	53.44 -5.89 0.00
MOHAWK_PAPER___DRP 24187	84.34 3.10 0.00	84.40 2.98 0.00	51.54 1.77 0.00	56.59 2.00 0.00	59.39 2.13 0.00	86.89 2.57 0.00	80.82 2.64 0.00	93.72 3.56 0.00	62.53 2.42 0.00	58.74 2.02 0.00	63.40 2.03 0.00	101.03 2.88 0.00	108.50 3.06 0.00	98.92 3.35 0.00	102.31 3.52 0.00	99.72 3.65 0.00	82.40 3.50 0.00	104.64 5.06 -1.07	95.78 4.52 -4.20	56.54 2.64 0.00	63.03 2.73 0.00	52.14 2.25 0.00	66.19 2.54 0.00	61.95 2.62 0.00
MOHICAN___35_KV_115KV_LD 80490	87.52 6.28 0.00	87.55 6.13 0.00	53.46 3.70 0.00	58.70 4.11 0.00	61.72 4.46 0.00	90.57 6.25 0.00	84.70 6.52 0.00	98.54 8.38 0.00	65.74 5.64 0.00	61.47 4.75 0.00	66.34 4.96 0.00	105.36 7.21 0.00	112.92 7.48 0.00	102.71 7.14 0.00	106.45 7.66 0.00	104.49 8.42 0.00	86.76 7.86 0.00	111.19 11.06 -1.61	100.99 9.63 -4.31	59.85 5.96 0.00	66.56 6.25 0.00	54.87 4.98 0.00	69.53 5.89 0.00	64.81 5.49 0.00
MONGAUP___HYD 23641	84.38 3.14 0.00	84.50 3.08 0.00	51.51 1.74 0.00	56.43 1.84 0.00	59.20 1.94 0.00	87.26 2.94 0.00	81.74 3.56 0.00	95.08 4.92 0.00	63.38 3.28 0.00	59.25 2.53 0.00	63.44 2.07 0.00	100.13 1.98 0.00	107.14 1.71 0.00	97.49 1.92 0.00	101.70 2.90 0.00	99.96 3.89 0.00	82.83 3.93 0.00	104.36 5.70 -0.14	95.55 5.37 -3.12	57.22 3.32 0.00	63.68 3.37 0.00	52.76 2.87 0.00	66.99 3.35 0.00	62.35 3.02 0.00
MONTAUK___DIESEL 23721	83.73 2.49 0.00	83.71 2.29 0.00	50.74 0.97 0.00	55.58 0.99 0.00	58.47 1.21 0.00	87.00 2.68 0.00	84.40 6.22 0.00	97.95 7.80 0.00	64.81 4.71 0.00	59.95 3.23 0.00	65.01 3.64 0.00	101.62 3.47 0.00	107.91 2.48 0.00	97.97 2.40 0.00	101.20 2.41 0.00	100.09 4.02 0.00	84.19 5.29 0.00	105.81 7.14 -0.15	98.42 7.95 -3.42	68.80 5.19 -9.72	65.20 4.89 0.00	53.48 3.54 -0.05	67.50 3.84 -0.02	67.94 3.96 -4.65
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.63 -3.61 0.00	77.85 -3.58 0.00	47.89 -1.88 0.00	52.54 -2.05 0.00	55.30 -1.96 0.00	83.04 -1.28 0.00	76.14 -2.03 0.00	87.38 -2.78 0.00	58.98 -1.12 0.00	56.96 0.24 0.00	60.21 -1.16 0.00	96.03 -2.12 0.00	102.15 -3.28 0.00	91.95 -3.62 0.00	95.17 -3.62 0.00	92.73 -3.34 0.00	75.83 -3.08 0.00	95.00 -3.51 0.00	84.77 -2.94 -0.65	52.36 -1.53 0.00	58.36 -1.95 0.00	48.38 -1.52 0.00	61.33 -2.31 0.00	56.97 -2.35 0.00

MORRIS_RIDGE___SOLAR 323848	77.05 -4.18 0.00	77.33 -4.09 0.00	47.55 -2.22 0.00	52.10 -2.49 0.00	54.78 -2.48 0.00	81.73 -2.60 0.00	75.24 -2.94 0.00	86.48 -3.68 0.00	58.19 -1.91 0.00	54.80 -1.92 0.00	58.37 -3.01 0.00	92.72 -5.42 0.00	98.86 -6.57 0.00	89.40 -6.17 0.00	92.91 -5.89 0.00	90.37 -5.71 0.00	74.42 -4.48 0.00	93.87 -4.69 -0.04	83.82 -3.99 -0.74	51.79 -2.10 0.00	57.74 -2.57 0.00	47.74 -2.15 0.00	60.64 -3.01 0.00	56.54 -2.79 0.00
MORTIMER_115KV_TB3 55949	77.08 -4.16 0.00	77.24 -4.19 0.00	47.40 -2.37 0.00	52.01 -2.58 0.00	54.73 -2.53 0.00	81.71 -2.61 0.00	75.13 -3.05 0.00	86.31 -3.85 0.00	58.07 -2.04 0.00	55.04 -1.68 0.00	59.17 -2.21 0.00	94.39 -3.76 0.00	101.25 -4.19 0.00	91.52 -4.05 0.00	94.76 -4.04 0.00	92.40 -3.67 0.00	75.67 -3.23 0.00	94.59 -3.93 0.00	84.20 -3.34 -0.48	51.93 -1.96 0.00	57.97 -2.34 0.00	47.93 -1.97 0.00	60.74 -2.91 0.00	56.40 -2.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	83.90 2.66 0.00	83.92 2.50 0.00	51.16 1.39 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.21 3.11 0.00	59.24 2.52 0.00	63.88 2.51 0.00	101.67 3.52 0.00	108.96 3.53 0.00	99.21 3.64 0.00	102.84 4.05 0.00	100.73 4.66 0.00	83.83 4.93 0.00	105.91 7.24 -0.15	96.96 6.49 -3.42	58.13 4.23 0.00	64.55 4.24 0.00	53.04 3.15 0.00	66.81 3.16 0.00	62.16 2.83 0.00
MUNSVILLE_WIND_PWR 323609	86.46 5.14 -0.08	87.07 5.64 0.00	53.41 3.65 0.00	58.45 3.87 0.00	61.48 4.22 0.00	90.87 6.54 0.00	84.77 6.59 0.00	98.97 8.81 0.00	66.32 6.21 0.00	62.17 5.45 0.00	66.28 4.91 0.00	104.78 6.63 0.00	111.38 5.95 0.00	102.22 6.64 0.00	106.52 7.72 0.00	104.01 7.94 0.00	85.15 6.25 0.00	108.23 9.61 -0.10	96.83 8.67 -1.10	59.18 5.28 0.00	65.82 5.51 0.00	54.02 4.13 0.00	69.17 5.52 0.00	64.29 4.96 0.00
N SALMON___HYD 24042	83.65 2.41 0.00	83.79 2.37 0.00	51.14 1.38 0.00	56.17 1.58 0.00	58.54 1.28 0.00	85.94 1.62 0.00	79.89 1.71 0.00	91.67 1.51 0.00	60.59 0.48 0.00	57.55 0.83 0.00	62.39 1.01 0.00	100.09 1.94 0.00	107.97 2.54 0.00	97.33 1.76 0.00	100.12 1.32 0.00	96.77 0.70 0.00	79.01 0.10 0.00	97.85 -0.66 0.00	86.33 -0.73 0.00	53.31 -0.58 0.00	60.55 0.24 0.00	50.27 0.38 0.00	64.76 1.12 0.00	60.55 1.22 0.00
N.AKRON__115KV_KNAPP 355671	75.91 -5.33 0.00	76.18 -5.24 0.00	46.89 -2.87 0.00	51.48 -3.11 0.00	54.18 -3.08 0.00	81.35 -2.97 0.00	74.02 -4.15 0.00	84.75 -5.41 0.00	57.36 -2.74 0.00	54.61 -2.11 0.00	58.43 -2.95 0.00	93.03 -5.11 0.00	99.52 -5.91 0.00	89.58 -5.99 0.00	92.80 -6.00 0.00	90.59 -5.48 0.00	73.76 -5.15 0.00	91.88 -6.64 0.00	81.93 -5.69 -0.56	50.54 -3.35 0.00	56.44 -3.87 0.00	46.81 -3.08 0.00	59.27 -4.38 0.00	55.06 -4.27 0.00
N.BELMOR_69_KV_BK1 55787	85.07 3.83 0.00	85.09 3.66 0.00	51.67 1.90 0.00	56.56 1.97 0.00	59.37 2.11 0.00	87.71 3.39 0.00	82.23 4.05 0.00	95.87 5.71 0.00	63.92 3.81 0.00	59.63 2.91 0.00	64.34 2.97 0.00	102.27 4.13 0.00	109.67 4.24 0.00	99.83 4.26 0.00	103.65 4.85 0.00	101.70 5.63 0.00	84.84 5.93 0.00	107.11 8.44 -0.15	98.08 7.60 -3.42	68.83 5.22 -9.72	65.56 5.25 0.00	53.93 3.98 -0.05	67.69 3.96 -0.09	89.24 3.63 -26.27
N.E_GEN_SANDY PD 24062	84.36 3.12 0.00	84.97 3.04 -0.51	56.54 1.78 -4.99	61.22 1.95 -4.68	60.76 2.06 -1.45	83.78 2.48 3.02	83.34 2.68 -2.48	94.08 3.92 0.00	63.73 2.67 -0.94	57.21 2.13 1.64	70.10 2.32 -6.41	101.52 3.37 0.00	108.79 3.36 0.00	99.17 3.60 0.00	103.39 3.99 -0.61	100.40 4.33 0.00	83.90 4.20 -0.80	110.02 6.16 -5.34	125.86 5.52 -33.29	114.84 3.38 -57.57	119.26 3.48 -55.47	95.28 2.74 -42.64	96.33 3.05 -29.64	111.69 2.89 -49.47
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	83.28 2.04 0.00	83.31 1.89 0.00	50.78 1.01 0.00	55.57 0.99 0.00	58.30 1.04 0.00	86.04 1.73 0.00	80.54 2.36 0.00	93.84 3.68 0.00	62.61 2.51 0.00	58.66 1.94 0.00	63.30 1.92 0.00	100.70 2.55 0.00	107.93 2.49 0.00	98.27 2.70 0.00	101.85 3.05 0.00	99.73 3.66 0.00	82.93 4.03 0.00	104.78 6.12 -0.14	95.85 5.50 -3.29	57.50 3.61 0.00	63.89 3.58 0.00	52.53 2.63 0.00	66.24 2.60 0.00	61.63 2.30 0.00
N.QUEENS_27_KV_LOAD 356247	83.87 2.63 0.00	83.91 2.49 0.00	51.11 1.35 0.00	55.87 1.28 0.00	58.63 1.37 0.00	86.61 2.29 0.00	81.30 3.12 0.00	94.70 4.54 0.00	63.23 3.13 0.00	59.23 2.51 0.00	63.96 2.59 0.00	101.68 3.54 0.00	109.05 3.62 0.00	99.25 3.68 0.00	102.88 4.09 0.00	100.79 4.71 0.00	83.93 5.03 0.00	106.06 7.39 -0.15	97.11 6.63 -3.42	58.29 4.40 0.00	64.68 4.37 0.00	53.13 3.23 0.00	66.86 3.22 0.00	62.24 2.91 0.00
N.TROY___115KV_TB1 355778	84.83 3.59 0.00	84.93 3.51 0.00	51.85 2.08 0.00	56.92 2.33 0.00	59.75 2.49 0.00	87.42 3.11 0.00	81.32 3.15 0.00	94.45 4.29 0.00	63.00 2.89 0.00	59.12 2.40 0.00	63.84 2.47 0.00	101.72 3.57 0.00	109.19 3.76 0.00	99.44 3.87 0.00	102.97 4.17 0.00	100.52 4.44 0.00	83.14 4.24 0.00	105.97 6.11 -1.34	96.70 5.41 -4.23	57.16 3.27 0.00	63.74 3.43 0.00	52.67 2.77 0.00	66.81 3.17 0.00	62.40 3.07 0.00
NARROWS_GT1_1 24228	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_2 24229	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_3 24230	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_4 24231	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06

NARROWS_GT1_5 24232	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_6 24233	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_7 24234	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT1_8 24235	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_1 24236	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_2 24237	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_3 24238	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_4 24239	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_5 24240	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_6 24241	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_7 24242	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NARROWS_GT2_8 24243	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	112.82 7.64 -6.67	115.32 6.73 -21.53	178.91 4.55 -120.46	69.92 4.59 -5.03	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	86.10 4.86 0.00	86.26 4.84 0.00	52.69 2.92 0.00	57.86 3.27 0.00	60.77 3.51 0.00	89.05 4.73 0.00	82.72 4.54 0.00	95.66 5.49 0.00	63.80 3.70 0.00	59.70 2.97 0.00	64.16 2.79 0.00	101.53 3.38 0.00	109.04 3.61 0.00	99.72 4.15 0.00	103.69 4.89 0.00	100.77 4.70 0.00	83.80 4.90 0.00	106.38 7.32 -0.54	97.64 6.61 -3.97	57.80 3.91 0.00	64.38 4.07 0.00	53.22 3.33 0.00	67.60 3.96 0.00	63.61 4.28 0.00
NCHELSEA_115KV_TR2 355582	84.52 3.29 0.00	84.62 3.20 0.00	51.58 1.81 0.00	56.49 1.90 0.00	59.28 2.02 0.00	87.36 3.04 0.00	81.75 3.57 0.00	95.22 5.06 0.00	63.52 3.42 0.00	59.49 2.77 0.00	64.19 2.82 0.00	102.16 4.02 0.00	109.49 4.06 0.00	99.71 4.15 0.00	103.50 4.71 0.00	101.32 5.25 0.00	84.22 5.32 0.00	106.48 7.81 -0.16	97.50 7.02 -3.42	58.37 4.48 0.00	64.85 4.54 0.00	53.35 3.46 0.00	67.32 3.68 0.00	62.63 3.31 0.00
NEG CAPITAL___MECHNVIL 23645	86.05 4.81 0.00	86.11 4.68 0.00	52.58 2.81 0.00	57.71 3.13 0.00	60.62 3.36 0.00	88.95 4.63 0.00	82.88 4.71 0.00	96.24 6.08 0.00	64.18 4.07 0.00	60.17 3.44 0.00	64.84 3.47 0.00	103.26 5.11 0.00	110.86 5.43 0.00	100.84 5.27 0.00	104.54 5.75 0.00	102.23 6.16 0.00	84.81 5.91 0.00	108.35 8.31 -1.53	98.66 7.33 -4.28	58.36 4.47 0.00	65.01 4.70 0.00	53.65 3.75 0.00	68.02 4.38 0.00	63.43 4.10 0.00

NEG CENTRAL_HIGH_ACRES 23767	76.11 -5.00 0.14	76.44 -4.99 0.00	46.88 -2.89 0.00	51.43 -3.16 0.00	54.12 -3.14 0.00	80.69 -3.63 0.00	74.37 -3.81 0.00	85.58 -4.58 0.00	57.49 -2.62 0.00	54.45 -2.28 0.00	58.57 -2.80 0.00	93.47 -4.68 0.00	100.30 -5.13 0.00	90.76 -4.81 0.00	94.01 -4.78 0.00	91.64 -4.43 0.00	75.10 -3.81 0.00	94.00 -4.52 0.00	83.58 -3.94 -0.46	51.53 -2.36 0.00	57.49 -2.82 0.00	47.51 -2.39 0.00	60.18 -3.46 0.00	55.87 -3.46 0.00
NEG CENTRAL___DRP 24199	79.59 -1.65 0.00	79.84 -1.58 0.00	48.93 -0.84 0.00	53.70 -0.89 0.00	56.46 -0.80 0.00	83.73 -0.59 0.00	78.05 -0.13 0.00	89.96 -0.19 0.00	60.31 0.21 0.00	56.59 -0.13 0.00	61.08 -0.30 0.00	96.71 -1.44 0.00	102.99 -2.44 0.00	93.75 -1.82 0.00	97.18 -1.62 0.00	95.00 -1.07 0.00	78.59 -0.31 0.00	98.82 0.30 0.00	87.86 0.23 -0.57	54.52 0.62 0.00	60.58 0.27 0.00	49.95 0.05 0.00	63.31 -0.34 0.00	58.90 -0.43 0.00
NEG CENTRAL___INDECK 23768	77.28 -3.91 0.05	77.48 -3.94 0.00	47.71 -2.06 0.00	52.30 -2.28 0.00	55.08 -2.18 0.00	82.26 -2.06 0.00	76.01 -2.17 0.00	87.49 -2.67 0.00	58.99 -1.12 0.00	55.63 -1.09 0.00	58.30 -3.08 0.00	93.02 -5.12 0.00	99.54 -5.89 0.00	89.89 -5.68 0.00	93.22 -5.57 0.00	91.32 -4.75 0.00	75.52 -3.38 0.00	95.33 -3.19 0.00	85.30 -2.42 -0.66	52.78 -1.11 0.00	58.73 -1.58 0.00	48.51 -1.38 0.00	61.36 -2.28 0.00	56.92 -2.41 0.00
NEG CENTRAL___SENECA 23627	79.92 -1.31 0.00	80.19 -1.23 0.00	49.19 -0.57 0.00	53.96 -0.62 0.00	56.77 -0.49 0.00	84.32 0.00 0.00	78.64 0.47 0.00	90.65 0.49 0.00	60.89 0.79 0.00	56.99 0.27 0.00	61.46 0.09 0.00	96.84 -1.31 0.00	102.80 -2.63 0.00	93.73 -1.84 0.00	97.15 -1.65 0.00	95.11 -0.96 0.00	78.97 0.07 0.00	99.36 0.81 -0.04	88.43 0.72 -0.65	55.02 1.13 0.00	61.08 0.77 0.00	50.35 0.45 0.00	63.77 0.13 0.00	59.27 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	79.46 -1.78 0.00	79.87 -1.55 0.00	48.78 -0.99 0.00	53.65 -0.94 0.00	56.41 -0.85 0.00	83.32 -1.00 0.00	77.69 -0.49 0.00	89.38 -0.78 0.00	59.79 -0.32 0.00	56.24 -0.48 0.00	60.83 -0.54 0.00	97.11 -1.04 0.00	103.47 -1.96 0.00	94.21 -1.36 0.00	97.79 -1.01 0.00	95.38 -0.69 0.00	78.55 -0.35 0.00	98.73 0.21 0.00	87.57 0.00 -0.51	54.17 0.28 0.00	60.15 -0.16 0.00	49.61 -0.28 0.00	62.94 -0.71 0.00	58.77 -0.57 0.00
NEG MILLWOOD___DRP 24198	84.78 3.54 0.00	84.86 3.44 0.00	51.73 1.96 0.00	56.62 2.03 0.00	59.42 2.16 0.00	87.57 3.25 0.00	82.05 3.87 0.00	95.65 5.49 0.00	63.81 3.70 0.00	59.75 3.03 0.00	64.46 3.08 0.00	102.60 4.45 0.00	109.92 4.49 0.00	100.04 4.47 0.00	103.86 5.07 0.00	101.73 5.65 0.00	84.59 5.69 0.00	107.00 8.32 -0.16	98.04 7.53 -3.45	58.70 4.81 0.00	65.21 4.90 0.00	53.63 3.74 0.00	67.62 3.98 0.00	62.89 3.56 0.00
NEG NORTH_FLCN_SEA 23793	83.19 1.95 0.00	83.43 2.00 0.00	50.87 1.11 0.00	55.76 1.17 0.00	58.11 0.85 0.00	84.86 0.53 0.00	79.05 0.87 0.00	90.82 0.66 0.00	59.91 -0.20 0.00	56.52 -0.21 0.00	61.20 -0.17 0.00	98.05 -0.09 0.00	105.26 -0.18 0.00	95.32 -0.24 0.00	97.81 -0.98 0.00	94.72 -1.36 0.00	77.65 -1.25 0.00	96.30 -2.22 0.00	84.90 -2.16 0.00	52.40 -1.50 0.00	59.31 -1.00 0.00	49.23 -0.66 0.00	63.44 -0.20 0.00	59.73 0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	82.26 1.02 0.00	82.50 1.07 0.00	50.35 0.58 0.00	55.24 0.65 0.00	57.54 0.28 0.00	84.38 0.06 0.00	78.48 0.31 0.00	89.89 -0.27 0.00	59.31 -0.80 0.00	56.15 -0.57 0.00	60.89 -0.48 0.00	97.66 -0.48 0.00	105.18 -0.25 0.00	95.07 -0.50 0.00	97.72 -1.08 0.00	94.60 -1.47 0.00	77.30 -1.60 0.00	95.62 -2.90 0.00	84.30 -2.76 0.00	52.00 -1.89 0.00	58.96 -1.35 0.00	49.02 -0.88 0.00	63.15 -0.49 0.00	59.11 -0.22 0.00
NEG NORTH___ALICE_FALLS 23915	83.55 2.31 0.00	83.80 2.38 0.00	51.09 1.32 0.00	55.98 1.40 0.00	58.42 1.16 0.00	85.48 1.16 0.00	79.67 1.50 0.00	91.58 1.42 0.00	60.40 0.29 0.00	57.04 0.32 0.00	61.76 0.39 0.00	98.96 0.82 0.00	106.26 0.83 0.00	96.18 0.61 0.00	98.80 0.01 0.00	95.70 -0.37 0.00	78.42 -0.48 0.00	97.37 -1.14 0.00	85.93 -1.13 0.00	53.01 -0.89 0.00	60.05 -0.26 0.00	49.81 -0.09 0.00	64.11 0.46 0.00	60.15 0.82 0.00
NEG NORTH___LWR_SARANAC 23913	83.55 2.31 0.00	83.80 2.38 0.00	51.09 1.32 0.00	55.98 1.40 0.00	58.42 1.16 0.00	85.48 1.16 0.00	79.67 1.50 0.00	91.58 1.42 0.00	60.40 0.29 0.00	57.04 0.32 0.00	61.76 0.39 0.00	98.96 0.82 0.00	106.26 0.83 0.00	96.18 0.61 0.00	98.80 0.01 0.00	95.70 -0.37 0.00	78.42 -0.48 0.00	97.37 -1.14 0.00	85.93 -1.13 0.00	53.01 -0.89 0.00	60.05 -0.26 0.00	49.81 -0.09 0.00	64.11 0.46 0.00	60.15 0.82 0.00
NEG NORTH___PLATTSBURG 23628	83.55 2.31 0.00	83.80 2.37 0.00	51.09 1.32 0.00	55.98 1.40 0.00	58.41 1.16 0.00	85.48 1.16 0.00	79.67 1.49 0.00	91.57 1.41 0.00	60.40 0.29 0.00	57.04 0.32 0.00	61.76 0.39 0.00	98.96 0.82 0.00	106.26 0.83 0.00	96.18 0.61 0.00	98.80 0.01 0.00	95.70 -0.37 0.00	78.42 -0.48 0.00	97.37 -1.14 0.00	85.93 -1.13 0.00	53.01 -0.89 0.00	60.05 -0.26 0.00	49.80 -0.09 0.00	64.11 0.46 0.00	60.15 0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	74.32 -6.92 0.00	74.57 -6.85 0.00	45.95 -3.83 0.00	50.41 -4.17 0.00	53.06 -4.20 0.00	79.62 -4.70 0.00	72.24 -5.94 0.00	82.48 -7.68 0.00	55.87 -4.24 0.00	53.29 -3.43 0.00	57.05 -4.32 0.00	90.80 -7.35 0.00	97.11 -8.32 0.00	87.51 -8.06 0.00	90.59 -8.21 0.00	88.29 -7.79 0.00	71.79 -7.11 0.00	89.20 -9.32 0.00	79.58 -8.05 -0.57	49.09 -4.80 0.00	54.88 -5.43 0.00	45.59 -4.31 0.00	57.76 -5.88 0.00	53.68 -5.65 0.00
NEG WEST___LANCASTR 23811	76.62 -4.62 0.00	76.81 -4.61 0.00	47.26 -2.51 0.00	51.85 -2.74 0.00	54.51 -2.75 0.00	81.67 -2.65 0.00	74.64 -3.54 0.00	85.59 -4.57 0.00	58.40 -1.70 0.00	55.89 -0.84 0.00	59.12 -2.25 0.00	94.71 -3.43 0.00	100.47 -4.96 0.00	90.84 -4.73 0.00	94.26 -4.54 0.00	91.68 -4.39 0.00	74.66 -4.23 0.00	93.37 -5.15 0.00	83.20 -4.52 -0.66	51.34 -2.56 0.00	57.28 -3.03 0.00	47.46 -2.44 0.00	60.28 -3.36 0.00	56.14 -3.19 0.00
NEG_PENN_ALLEGHNY 23528	79.98 -1.36 -0.10	80.17 -1.25 0.00	49.05 -0.72 0.00	53.77 -0.82 0.00	56.47 -0.79 0.00	83.51 -0.81 0.00	77.60 -0.58 0.00	89.74 -0.42 0.00	60.05 -0.05 0.00	56.33 -0.39 0.00	60.87 -0.50 0.00	97.15 -1.00 0.00	104.22 -1.22 0.00	94.59 -0.97 0.00	98.32 -0.48 0.00	95.65 -0.42 0.00	78.72 -0.18 0.00	99.31 0.72 -0.07	88.80 0.59 -1.15	54.41 0.52 0.00	60.56 0.25 0.00	49.90 0.01 0.00	63.43 -0.22 0.00	59.10 -0.23 0.00
NEG___GEN_MONROE 24207	77.53 -3.71 0.00	77.67 -3.76 0.00	47.69 -2.08 0.00	52.34 -2.25 0.00	55.06 -2.20 0.00	82.34 -1.98 0.00	75.66 -2.51 0.00	86.93 -3.23 0.00	58.53 -1.58 0.00	55.49 -1.23 0.00	59.55 -1.82 0.00	94.95 -3.19 0.00	101.80 -3.63 0.00	91.92 -3.65 0.00	95.15 -3.65 0.00	92.93 -3.15 0.00	76.08 -2.82 0.00	95.19 -3.33 0.00	84.77 -2.78 -0.48	52.29 -1.60 0.00	58.35 -1.96 0.00	48.23 -1.66 0.00	61.09 -2.56 0.00	56.69 -2.64 0.00

NEPA__ENERGY 23901	76.55 -4.68 0.00	76.78 -4.65 0.00	47.26 -2.51 0.00	51.84 -2.75 0.00	54.55 -2.71 0.00	81.88 -2.44 0.00	74.78 -3.40 0.00	85.61 -4.54 0.00	57.93 -2.18 0.00	55.46 -1.26 0.00	58.92 -2.46 0.00	93.80 -4.34 0.00	100.01 -5.47 0.00	90.10 -5.47 0.00	93.30 -5.50 0.00	90.93 -5.15 0.00	74.25 -4.65 0.00	92.81 -5.70 0.00	82.85 -4.83 -0.63	51.14 -2.75 0.00	57.09 -3.22 0.00	47.35 -2.55 0.00	60.06 -3.58 0.00	55.82 -3.51 0.00
NEVERSink__HYD 23608	82.99 1.75 0.00	83.09 1.67 0.00	50.64 0.87 0.00	55.49 0.90 0.00	58.24 0.98 0.00	85.94 1.62 0.00	80.43 2.26 0.00	93.61 3.45 0.00	62.42 2.31 0.00	58.37 1.65 0.00	62.84 1.47 0.00	99.73 1.58 0.00	106.98 1.55 0.00	97.40 1.83 0.00	101.08 2.29 0.00	99.00 2.93 0.00	82.51 3.61 0.00	104.50 5.82 -0.16	95.46 5.29 -3.10	57.28 3.39 0.00	63.68 3.37 0.00	52.38 2.49 0.00	66.13 2.49 0.00	61.48 2.15 0.00
NEWKRMKL_115KV_TB1 55635	83.69 2.45 0.00	83.81 2.39 0.00	51.16 1.40 0.00	56.17 1.58 0.00	58.93 1.68 0.00	86.30 1.98 0.00	80.21 2.04 0.00	92.77 2.61 0.00	61.93 1.82 0.00	58.26 1.54 0.00	62.81 1.43 0.00	100.08 1.93 0.00	107.50 2.07 0.00	97.98 2.41 0.00	101.19 2.40 0.00	98.44 2.37 0.00	81.23 2.33 0.00	102.82 3.38 -0.93	94.26 3.01 -4.19	55.65 1.75 0.00	62.03 1.73 0.00	51.37 1.48 0.00	65.26 1.62 0.00	61.28 1.96 0.00
NEWTON__FALLS_HYD 23847	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.92 1.75 0.00	60.94 0.84 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.10 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
NGRID_A1_DSASP 323792	72.94 -7.98 0.32	73.47 -7.95 0.00	45.23 -4.53 0.00	49.66 -4.92 0.00	52.23 -5.03 0.00	78.43 -5.89 0.00	71.05 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.26 -4.46 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.15 -9.42 0.00	89.16 -9.64 0.00	86.83 -9.24 0.00	70.56 -8.34 0.00	87.69 -10.83 0.00	78.25 -9.39 -0.58	48.29 -5.60 0.00	54.03 -6.28 0.00	44.90 -4.99 0.00	57.01 -6.64 0.00	53.00 -6.33 0.00
NGRID_A2_DSASP 323793	72.94 -7.98 0.32	73.47 -7.95 0.00	45.23 -4.53 0.00	49.66 -4.92 0.00	52.23 -5.03 0.00	78.43 -5.89 0.00	71.05 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.26 -4.46 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.15 -9.42 0.00	89.16 -9.64 0.00	86.83 -9.24 0.00	70.56 -8.34 0.00	87.69 -10.83 0.00	78.25 -9.39 -0.58	48.29 -5.60 0.00	54.03 -6.28 0.00	44.90 -4.99 0.00	57.01 -6.64 0.00	53.00 -6.33 0.00
NGRID_A4_DSASP 323807	72.94 -7.98 0.32	73.47 -7.95 0.00	45.23 -4.53 0.00	49.66 -4.92 0.00	52.23 -5.03 0.00	78.43 -5.89 0.00	71.05 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.26 -4.46 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.15 -9.42 0.00	89.16 -9.64 0.00	86.83 -9.24 0.00	70.56 -8.34 0.00	87.69 -10.83 0.00	78.25 -9.39 -0.58	48.29 -5.60 0.00	54.03 -6.28 0.00	44.90 -4.99 0.00	57.01 -6.64 0.00	53.00 -6.33 0.00
NIAGARA_115E_LBMP 323715	73.28 -7.64 0.31	73.94 -7.48 0.00	45.57 -4.20 0.00	50.04 -4.55 0.00	52.63 -4.63 0.00	78.97 -5.35 0.00	71.37 -6.81 0.00	81.38 -8.78 0.00	55.15 -4.95 0.00	52.61 -4.11 0.00	56.37 -5.01 0.00	89.70 -8.45 0.00	95.94 -9.49 0.00	86.49 -9.08 0.00	89.50 -9.29 0.00	87.21 -8.86 0.00	70.70 -8.20 0.00	87.68 -10.84 0.00	78.24 -9.40 -0.59	48.31 -5.58 0.00	54.02 -6.29 0.00	44.95 -4.95 0.00	57.01 -6.63 0.00	53.18 -6.15 0.00
NIAGARA_115W_LBMP 323714	72.83 -8.09 0.32	73.34 -8.08 0.00	45.16 -4.61 0.00	49.58 -5.01 0.00	52.14 -5.12 0.00	78.29 -6.03 0.00	70.92 -7.26 0.00	80.87 -9.29 0.00	54.71 -5.40 0.00	52.19 -4.53 0.00	55.97 -5.41 0.00	89.11 -9.03 0.00	95.44 -9.99 0.00	86.04 -9.53 0.00	89.03 -9.76 0.00	86.73 -9.35 0.00	70.46 -8.44 0.00	87.57 -10.95 0.00	78.13 -9.51 -0.58	48.21 -5.69 0.00	53.94 -6.37 0.00	44.84 -5.05 0.00	56.90 -6.74 0.00	52.91 -6.42 0.00
NIAGARA_230_LBMP 323716	73.54 -7.39 0.32	74.07 -7.35 0.00	45.61 -4.16 0.00	50.07 -4.51 0.00	52.67 -4.59 0.00	79.05 -5.27 0.00	71.73 -6.45 0.00	81.80 -8.36 0.00	55.31 -4.80 0.00	52.75 -3.97 0.00	56.55 -4.82 0.00	90.06 -8.09 0.00	96.46 -8.97 0.00	87.00 -8.57 0.00	90.06 -8.74 0.00	87.71 -8.36 0.00	71.31 -7.59 0.00	88.70 -9.82 0.00	79.12 -8.52 -0.58	48.82 -5.07 0.00	54.60 -5.71 0.00	45.35 -4.54 0.00	57.57 -6.07 0.00	53.55 -5.78 0.00
NIAGARA__115KV_198_GIBSON 55903	73.15 -8.08 0.00	73.35 -8.08 0.00	45.16 -4.61 0.00	49.58 -5.01 0.00	52.14 -5.12 0.00	78.31 -6.01 0.00	70.93 -7.24 0.00	80.87 -9.29 0.00	54.71 -5.40 0.00	52.19 -4.53 0.00	55.97 -5.40 0.00	89.11 -9.03 0.00	95.45 -9.98 0.00	86.05 -9.52 0.00	89.02 -9.77 0.00	86.74 -9.34 0.00	70.50 -8.40 0.00	87.58 -10.94 0.00	78.13 -9.51 -0.58	48.20 -5.70 0.00	53.96 -6.35 0.00	44.81 -5.08 0.00	56.90 -6.74 0.00	52.93 -6.40 0.00
NIAGARA____ 23760	73.54 -7.39 0.31	74.07 -7.35 0.00	45.61 -4.16 0.00	50.07 -4.51 0.00	52.67 -4.59 0.00	79.05 -5.27 0.00	71.73 -6.45 0.00	81.80 -8.36 0.00	55.31 -4.80 0.00	52.75 -3.97 0.00	56.55 -4.82 0.00	90.06 -8.09 0.00	96.46 -8.97 0.00	87.00 -8.57 0.00	90.06 -8.74 0.00	87.71 -8.36 0.00	71.31 -7.59 0.00	88.70 -9.82 0.00	79.12 -8.52 -0.58	48.82 -5.07 0.00	54.60 -5.71 0.00	45.35 -4.54 0.00	57.57 -6.07 0.00	53.55 -5.78 0.00
NINE_MILE_1 23575	77.33 -3.90 0.00	77.50 -3.92 0.00	47.41 -2.36 0.00	52.02 -2.57 0.00	54.62 -2.64 0.00	80.65 -3.67 0.00	74.81 -3.37 0.00	86.31 -3.84 0.00	57.68 -2.43 0.00	54.36 -2.36 0.00	58.70 -2.68 0.00	93.80 -4.34 0.00	100.70 -4.73 0.00	91.26 -4.31 0.00	94.47 -4.33 0.00	92.02 -4.05 0.00	75.66 -3.25 0.00	94.76 -3.76 0.00	84.04 -3.29 -0.28	51.90 -1.99 0.00	57.94 -2.37 0.00	47.88 -2.01 0.00	60.85 -2.79 0.00	56.67 -2.66 0.00
NINE_MILE_2 23744	77.34 -3.90 0.00	77.50 -3.92 0.00	47.41 -2.36 0.00	52.02 -2.57 0.00	54.62 -2.64 0.00	80.65 -3.67 0.00	74.82 -3.35 0.00	86.32 -3.84 0.00	57.68 -2.43 0.00	54.36 -2.36 0.00	58.70 -2.68 0.00	93.80 -4.34 0.00	100.70 -4.73 0.00	91.27 -4.30 0.00	94.47 -4.33 0.00	92.02 -4.05 0.00	75.66 -3.25 0.00	94.77 -3.75 0.00	84.04 -3.29 -0.27	51.90 -1.99 0.00	57.95 -2.36 0.00	47.88 -2.01 0.00	60.87 -2.77 0.00	56.68 -2.65 0.00
NM_CAPITAL__DRP 24208	83.76 2.53 0.00	83.87 2.45 0.00	51.21 1.44 0.00	56.23 1.64 0.00	58.99 1.74 0.00	86.33 2.01 0.00	80.24 2.06 0.00	92.89 2.73 0.00	61.99 1.89 0.00	58.30 1.58 0.00	62.91 1.54 0.00	100.22 2.07 0.00	107.64 2.21 0.00	98.14 2.57 0.00	101.41 2.61 0.00	98.66 2.59 0.00	81.42 2.52 0.00	103.08 3.66 -0.90	94.52 3.28 -4.18	55.79 1.89 0.00	62.20 1.89 0.00	51.50 1.61 0.00	65.41 1.77 0.00	61.38 2.06 0.00

NM_CENTRAL___DRP 24181	78.41 -2.83 0.00	78.56 -2.86 0.00	48.07 -1.70 0.00	52.74 -1.85 0.00	55.40 -1.86 0.00	81.95 -2.37 0.00	76.13 -2.04 0.00	87.91 -2.25 0.00	58.77 -1.33 0.00	55.37 -1.35 0.00	59.76 -1.61 0.00	95.43 -2.71 0.00	102.45 -2.98 0.00	92.91 -2.66 0.00	96.23 -2.56 0.00	93.79 -2.28 0.00	77.17 -1.73 0.00	96.78 -1.74 0.00	85.93 -1.50 -0.37	53.02 -0.87 0.00	59.12 -1.19 0.00	48.79 -1.10 0.00	61.92 -1.73 0.00	57.61 -1.72 0.00
NM_FRONTIER___DRP 24179	73.15 -8.08 0.00	73.35 -8.08 0.00	45.16 -4.61 0.00	49.58 -5.01 0.00	52.14 -5.12 0.00	78.31 -6.01 0.00	70.93 -7.24 0.00	80.87 -9.29 0.00	54.71 -5.40 0.00	52.19 -4.53 0.00	55.97 -5.40 0.00	89.11 -9.03 0.00	95.45 -9.98 0.00	86.05 -9.52 0.00	89.02 -9.77 0.00	86.74 -9.34 0.00	70.50 -8.40 0.00	87.58 -10.94 0.00	78.13 -9.51 -0.58	48.20 -5.70 0.00	53.96 -6.35 0.00	44.81 -5.08 0.00	56.90 -6.74 0.00	52.93 -6.40 0.00
NM_ST_REGIS___HYD 24053	83.44 2.20 0.00	83.42 2.00 0.00	50.98 1.21 0.00	56.14 1.55 0.00	58.37 1.11 0.00	85.52 1.20 0.00	79.26 1.08 0.00	90.82 0.66 0.00	60.14 0.03 0.00	57.38 0.66 0.00	62.22 0.85 0.00	100.07 1.93 0.00	108.20 2.77 0.00	97.03 1.46 0.00	99.78 0.98 0.00	96.14 0.07 0.00	78.23 -0.67 0.00	96.64 -1.87 0.00	85.02 -2.03 0.00	52.68 -1.22 0.00	59.74 -0.57 0.00	49.81 -0.09 0.00	64.55 0.90 0.00	60.36 1.03 0.00
NORTHPORT___1 23551	85.30 4.06 0.00	85.47 4.05 0.00	51.77 2.00 0.00	56.77 2.18 0.00	59.60 2.34 0.00	88.18 3.86 0.00	82.65 4.47 0.00	96.03 5.87 0.00	63.90 3.80 0.00	59.58 2.86 0.00	64.43 3.06 0.00	102.53 4.38 0.00	110.06 4.62 0.00	99.99 4.42 0.00	103.99 5.20 0.00	102.13 6.06 0.00	85.24 6.34 0.00	107.54 8.87 0.00	97.97 7.50 -3.42	69.06 5.44 -9.72	65.81 5.50 0.00	54.08 4.13 -0.05	67.56 3.90 -0.01	67.08 3.82 -3.94
NORTHPORT___2 23552	85.30 4.06 0.00	85.47 4.05 0.00	51.77 2.00 0.00	56.77 2.18 0.00	59.60 2.34 0.00	88.18 3.86 0.00	82.65 4.47 0.00	96.03 5.87 0.00	63.90 3.80 0.00	59.58 2.86 0.00	64.43 3.06 0.00	102.53 4.38 0.00	110.06 4.62 0.00	99.99 4.42 0.00	103.99 5.20 0.00	102.13 6.06 0.00	85.24 6.34 0.00	107.54 8.87 -0.15	97.97 7.50 -3.42	69.06 5.44 -9.72	65.81 5.50 0.00	54.08 4.13 -0.05	67.56 3.90 -0.01	67.08 3.82 -3.94
NORTHPORT___3 23553	84.85 3.61 0.00	84.93 3.50 0.00	51.48 1.72 0.00	56.39 1.80 0.00	59.20 1.94 0.00	87.56 3.24 0.00	82.06 3.89 0.00	95.43 5.27 0.00	63.52 3.41 0.00	59.20 2.48 0.00	63.97 2.60 0.00	101.70 3.55 0.00	109.14 3.71 0.00	99.30 3.73 0.00	103.13 4.33 0.00	101.30 5.23 0.00	84.59 5.69 0.00	106.85 8.18 -0.15	97.50 7.03 -3.42	68.56 4.95 -9.72	65.30 4.99 0.00	53.67 3.73 -0.05	67.16 3.50 -0.01	66.42 3.28 -3.81
NORTHPORT___4 23650	84.85 3.61 0.00	84.93 3.50 0.00	51.48 1.72 0.00	56.39 1.80 0.00	59.20 1.94 0.00	87.56 3.24 0.00	82.06 3.89 0.00	95.43 5.27 0.00	63.52 3.41 0.00	59.20 2.48 0.00	63.97 2.60 0.00	101.70 3.55 0.00	109.14 3.71 0.00	99.30 3.73 0.00	103.13 4.33 0.00	101.30 5.23 0.00	84.59 5.69 0.00	106.85 8.18 -0.15	97.50 7.03 -3.42	68.56 4.95 -9.72	65.30 4.99 0.00	53.67 3.73 -0.05	67.16 3.50 -0.01	66.42 3.28 -3.81
NORTHPORT___IC 23718	85.30 4.06 0.00	85.48 4.06 0.00	51.76 1.99 0.00	56.77 2.18 0.00	59.60 2.34 0.00	88.18 3.86 0.00	82.65 4.47 0.00	96.03 5.87 0.00	63.90 3.80 0.00	59.58 2.86 0.00	64.42 3.05 0.00	102.53 4.38 0.00	110.06 4.63 0.00	99.99 4.42 0.00	104.00 5.20 0.00	102.13 6.06 0.00	85.23 6.34 0.00	107.55 8.88 -0.15	97.97 7.50 -3.42	69.06 5.44 -9.72	65.80 5.49 0.00	54.08 4.14 -0.05	67.56 3.90 -0.01	67.08 3.82 -3.94
NORTH___COUNTRY_ESR 323785	82.12 0.88 0.00	82.40 0.98 0.00	50.26 0.49 0.00	55.12 0.53 0.00	57.45 0.19 0.00	84.24 -0.08 0.00	78.33 0.15 0.00	89.74 -0.42 0.00	59.19 -0.92 0.00	56.04 -0.68 0.00	60.74 -0.64 0.00	97.45 -0.70 0.00	104.95 -0.48 0.00	94.87 -0.70 0.00	97.46 -1.34 0.00	94.33 -1.74 0.00	77.12 -1.78 0.00	95.34 -3.18 0.00	84.12 -2.93 0.00	51.86 -2.03 0.00	58.83 -1.48 0.00	48.92 -0.98 0.00	63.05 -0.59 0.00	58.99 -0.34 0.00
NPX_GEN_1385_PROXY 323591	87.37 6.13 0.00	101.02 6.33 -13.26	52.73 2.96 0.00	58.17 3.58 0.00	58.19 3.82 2.89	92.33 6.29 -1.72	84.64 6.47 0.00	97.74 7.58 0.00	64.89 4.79 0.00	60.18 3.46 0.00	65.45 4.08 0.00	104.99 6.84 0.00	112.97 7.54 0.00	101.31 5.74 0.00	106.81 8.01 0.00	104.45 8.38 0.00	87.16 8.26 0.00	109.69 11.02 -0.15	98.08 7.60 -3.42	70.51 6.90 -9.72	67.44 7.13 0.00	95.35 5.53 -39.92	71.88 5.05 -3.19	68.58 5.31 -3.94
NPX_GEN_CSC 323557	85.58 4.34 0.00	85.57 4.15 0.00	51.87 2.10 0.00	56.83 2.24 0.00	56.80 2.43 2.89	90.22 4.18 -1.72	83.61 5.43 0.00	97.28 7.12 0.00	64.54 4.43 0.00	59.87 3.15 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.73 4.30 0.00	100.19 4.62 0.00	103.69 4.89 0.00	102.19 6.11 0.00	85.74 6.84 0.00	108.54 9.88 -0.15	99.42 8.95 -3.42	69.13 5.51 -9.72	65.57 5.27 0.00	50.36 3.86 3.40	70.96 4.13 -3.19	67.94 3.98 -4.63
NSINS_S___GLNS_FALLS 23858	87.42 6.18 0.00	87.47 6.05 0.00	53.41 3.65 0.00	58.65 4.06 0.00	61.66 4.40 0.00	90.53 6.21 0.00	84.62 6.44 0.00	98.44 8.28 0.00	65.67 5.57 0.00	61.42 4.70 0.00	66.34 4.97 0.00	105.41 7.26 0.00	112.85 7.42 0.00	102.62 7.05 0.00	106.36 7.57 0.00	104.40 8.33 0.00	86.67 7.77 0.00	111.06 10.92 -1.62	100.90 9.52 -4.31	59.77 5.88 0.00	66.48 6.17 0.00	54.82 4.93 0.00	69.43 5.79 0.00	64.74 5.42 0.00
NUCOR_STEEL___DRP 24197	79.35 -1.89 0.00	79.77 -1.65 0.00	48.70 -1.07 0.00	53.56 -1.03 0.00	56.33 -0.93 0.00	83.14 -1.18 0.00	77.53 -0.65 0.00	89.20 -0.97 0.00	59.62 -0.49 0.00	56.08 -0.64 0.00	60.62 -0.76 0.00	96.91 -1.23 0.00	103.42 -2.01 0.00	94.13 -1.44 0.00	97.66 -1.14 0.00	95.29 -0.78 0.00	78.45 -0.45 0.00	98.59 0.07 0.00	87.38 -0.17 -0.49	54.05 0.16 0.00	60.01 -0.30 0.00	49.50 -0.40 0.00	62.81 -0.84 0.00	58.68 -0.65 0.00
NUMBER_THREE_WT_PWR 323818	83.73 2.49 0.00	82.93 1.51 0.00	50.39 0.62 0.00	55.78 1.19 0.00	58.76 1.50 0.00	86.81 2.49 0.00	81.46 3.28 0.00	93.93 3.77 0.00	62.31 2.21 0.00	58.20 1.48 0.00	61.83 0.45 0.00	100.53 2.38 0.00	107.59 2.16 0.00	96.37 0.80 0.00	99.38 0.58 0.00	98.00 1.93 0.00	81.45 2.55 0.00	102.44 3.92 0.00	90.68 3.48 -0.14	56.26 2.36 0.00	63.12 2.82 0.00	52.07 2.17 0.00	66.23 2.59 0.00	61.47 2.14 0.00
NYISO_LBMP_REFERENCE 24008	81.24 0.00 0.00	81.42 0.00 0.00	49.77 0.00 0.00	54.59 0.00 0.00	57.26 0.00 0.00	84.32 0.00 0.00	78.18 0.00 0.00	90.16 0.00 0.00	60.11 0.00 0.00	56.72 0.00 0.00	61.37 0.00 0.00	98.14 0.00 0.00	105.43 0.00 0.00	95.57 0.00 0.00	98.80 0.00 0.00	96.07 0.00 0.00	78.90 0.00 0.00	98.52 0.00 0.00	87.05 0.00 0.00	53.89 0.00 0.00	60.31 0.00 0.00	49.90 0.00 0.00	63.64 0.00 0.00	59.33 0.00 0.00

NYPA_BRENTWD____GT 24164	86.03 4.79 0.00	86.09 4.67 0.00	52.16 2.39 0.00	57.16 2.57 0.00	60.03 2.77 0.00	88.91 4.58 0.00	83.47 5.29 0.00	97.06 6.90 0.00	64.68 4.58 0.00	60.22 3.50 0.00	64.95 3.58 0.00	103.20 5.06 0.00	110.76 5.32 0.00	100.78 5.21 0.00	104.69 5.90 0.00	102.99 6.92 0.00	86.18 7.28 0.00	109.01 10.34 -0.15	99.49 9.02 -3.42	69.74 6.13 -9.72	66.50 6.19 0.00	54.60 4.66 -0.05	68.35 4.68 -0.02	69.24 4.42 -5.49
NYPA_GOWANUS____GT5 24156	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NYPA_GOWANUS____GT6 24157	83.92 2.68 0.00	83.89 2.47 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.63 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.58 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.96 2.59 0.00	101.69 3.54 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.16 0.00	100.85 4.78 0.00	83.99 5.09 0.00	224.87 7.64 -118.71	162.04 6.73 -68.25	365.71 4.55 -307.27	136.69 4.59 -71.79	58.54 3.40 -5.25	68.65 3.40 -1.61	62.38 3.00 -0.06
NYPA_HARLEM__RVR__GT1 24160	83.84 2.60 0.00	83.88 2.45 0.00	51.10 1.33 0.00	55.86 1.28 0.00	58.62 1.36 0.00	86.60 2.28 0.00	81.25 3.08 0.00	94.45 4.29 0.00	63.09 2.98 0.00	59.11 2.39 0.00	63.82 2.44 0.00	101.45 3.30 0.00	108.80 3.37 0.00	99.02 3.45 0.00	102.66 3.87 0.00	100.54 4.47 0.00	83.74 4.83 0.00	105.81 7.13 -0.15	96.87 6.39 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	53.00 3.11 0.00	66.70 3.05 0.00	62.08 2.75 0.00
NYPA_HARLEM__RVR__GT2 24161	83.84 2.60 0.00	83.88 2.45 0.00	51.10 1.33 0.00	55.86 1.28 0.00	58.62 1.36 0.00	86.60 2.28 0.00	81.25 3.08 0.00	94.45 4.29 0.00	63.09 2.98 0.00	59.11 2.39 0.00	63.82 2.44 0.00	101.45 3.30 0.00	108.80 3.37 0.00	99.02 3.45 0.00	102.66 3.87 0.00	100.54 4.47 0.00	83.74 4.83 0.00	105.81 7.13 -0.15	96.87 6.39 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	53.00 3.11 0.00	66.70 3.05 0.00	62.08 2.75 0.00
NYPA_KENT____GT 24152	83.95 2.72 0.00	83.97 2.54 0.00	51.15 1.39 0.00	55.94 1.36 0.00	58.68 1.42 0.00	86.69 2.37 0.00	81.29 3.12 0.00	94.73 4.57 0.00	63.24 3.13 0.00	59.29 2.57 0.00	63.95 2.58 0.00	101.67 3.52 0.00	108.99 3.56 0.00	99.26 3.69 0.00	102.91 4.12 0.00	100.82 4.75 0.00	83.94 5.04 0.00	110.53 7.51 -4.51	108.23 6.64 -14.53	131.76 4.45 -73.42	68.03 4.44 -3.29	56.38 3.32 -3.17	67.92 3.30 -0.97	62.27 2.90 -0.03
NYPA_POUCH1____GT 24155	83.51 2.27 0.00	83.48 2.06 0.00	50.88 1.11 0.00	55.62 1.04 0.00	58.32 1.07 0.01	38.68 1.87 47.51	-53.72 2.70 134.60	94.26 4.11 0.01	62.94 2.84 0.01	31.24 2.30 27.78	63.66 2.28 0.00	99.08 2.99 2.06	69.39 3.03 39.07	75.33 3.23 23.47	82.42 3.62 19.99	86.44 4.27 13.91	78.90 4.69 4.68	96.69 7.19 9.02	99.75 6.27 -6.43	156.48 4.35 -98.24	61.73 4.34 2.91	58.31 3.17 -5.25	68.40 3.14 -1.61	62.16 2.78 -0.06
NYPA_VERNON____GT2 24162	83.97 2.73 0.00	83.97 2.55 0.00	51.19 1.42 0.00	55.98 1.39 0.00	58.73 1.47 0.00	86.75 2.43 0.00	81.35 3.18 0.00	94.81 4.65 0.00	63.28 3.17 0.00	59.30 2.58 0.00	64.00 2.62 0.00	101.77 3.62 0.00	109.08 3.65 0.00	99.33 3.76 0.00	102.97 4.18 0.00	100.89 4.82 0.00	83.98 5.09 0.00	108.36 7.49 -2.35	101.25 6.67 -7.52	84.67 4.40 -26.38	66.24 4.38 -1.55	54.27 3.29 -1.09	67.23 3.25 -0.33	62.20 2.86 -0.01
NYPA_VERNON____GT3 24163	83.97 2.73 0.00	83.97 2.55 0.00	51.19 1.42 0.00	55.98 1.39 0.00	58.73 1.47 0.00	86.75 2.43 0.00	81.35 3.18 0.00	94.81 4.65 0.00	63.28 3.17 0.00	59.30 2.58 0.00	64.00 2.62 0.00	101.77 3.62 0.00	109.08 3.65 0.00	99.33 3.76 0.00	102.97 4.18 0.00	100.89 4.82 0.00	83.98 5.09 0.00	108.36 7.49 -2.35	101.25 6.67 -7.52	84.67 4.40 -26.38	66.24 4.38 -1.55	54.27 3.29 -1.09	67.23 3.25 -0.33	62.20 2.86 -0.01
NYPA__ASTORIA_CC1 323568	83.86 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.29 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.85 2.48 0.00	101.53 3.39 0.00	108.84 3.41 0.00	99.11 3.54 0.00	102.75 3.96 0.00	100.65 4.58 0.00	83.81 4.91 0.00	105.92 7.25 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.20 0.00	66.75 3.11 0.00	62.07 2.75 0.00
NYPA__ASTORIA_CC2 323569	83.86 2.63 0.00	83.86 2.44 0.00	51.10 1.34 0.00	55.90 1.31 0.00	58.65 1.39 0.00	86.61 2.29 0.00	81.26 3.08 0.00	94.62 4.46 0.00	63.16 3.05 0.00	59.19 2.47 0.00	63.85 2.48 0.00	101.53 3.39 0.00	108.84 3.41 0.00	99.11 3.54 0.00	102.75 3.96 0.00	100.65 4.58 0.00	83.81 4.91 0.00	105.92 7.25 -0.15	96.95 6.47 -3.42	58.18 4.29 0.00	64.57 4.26 0.00	53.10 3.20 0.00	66.75 3.11 0.00	62.07 2.75 0.00
NYPA__HOLTSVILL 23794	85.41 4.17 0.00	85.44 4.02 0.00	51.80 2.03 0.00	56.74 2.16 0.00	59.60 2.34 0.00	88.27 3.95 0.00	83.09 4.91 0.00	96.71 6.55 0.00	64.24 4.14 0.00	59.71 2.98 0.00	64.37 2.99 0.00	102.24 4.09 0.00	109.71 4.28 0.00	100.06 4.50 0.00	103.68 4.88 0.00	102.02 5.95 0.00	85.40 6.50 0.00	108.04 9.37 -0.15	98.78 8.30 -3.42	69.15 5.54 -9.72	65.80 5.49 0.00	54.02 4.07 -0.05	67.73 4.07 -0.02	67.75 3.85 -4.57
NYPA__HELLGATE_GT1 24158	83.84 2.60 0.00	83.88 2.45 0.00	51.10 1.33 0.00	55.86 1.28 0.00	58.62 1.36 0.00	86.60 2.28 0.00	81.25 3.08 0.00	94.54 4.38 0.00	63.13 3.02 0.00	59.14 2.42 0.00	63.82 2.44 0.00	101.45 3.30 0.00	108.80 3.37 0.00	99.02 3.45 0.00	102.66 3.87 0.00	100.54 4.47 0.00	83.74 4.83 0.00	105.81 7.13 -0.15	96.87 6.39 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	53.00 3.11 0.00	66.70 3.05 0.00	62.08 2.75 0.00
NYPA__HELLGATE_GT2 24159	83.84 2.60 0.00	83.88 2.45 0.00	51.10 1.33 0.00	55.86 1.28 0.00	58.62 1.36 0.00	86.60 2.28 0.00	81.25 3.08 0.00	94.54 4.38 0.00	63.13 3.02 0.00	59.14 2.42 0.00	63.82 2.44 0.00	101.45 3.30 0.00	108.80 3.37 0.00	99.02 3.45 0.00	102.66 3.87 0.00	100.54 4.47 0.00	83.74 4.83 0.00	105.81 7.13 -0.15	96.87 6.39 -3.42	58.13 4.24 0.00	64.51 4.20 0.00	53.00 3.11 0.00	66.70 3.05 0.00	62.08 2.75 0.00
NYS_BARGE__HYD 23848	74.26 -6.69 0.29	74.83 -6.59 0.00	46.10 -3.67 0.00	50.61 -3.98 0.00	53.23 -4.03 0.00	79.91 -4.41 0.00	72.48 -5.70 0.00	82.82 -7.34 0.00	56.11 -4.00 0.00	53.51 -3.21 0.00	57.28 -4.09 0.00	91.17 -6.98 0.00	97.52 -7.91 0.00	87.86 -7.71 0.00	90.97 -7.83 0.00	88.65 -7.42 0.00	72.01 -6.89 0.00	89.51 -9.01 0.00	79.86 -7.77 -0.57	49.28 -4.61 0.00	55.04 -5.27 0.00	45.75 -4.14 0.00	57.96 -5.68 0.00	53.89 -5.44 0.00

OAK ORCHARD___HYD 24046	76.89 -4.17 0.17	77.23 -4.19 0.00	47.40 -2.37 0.00	52.01 -2.58 0.00	54.72 -2.54 0.00	81.71 -2.61 0.00	75.13 -3.05 0.00	86.31 -3.85 0.00	58.07 -2.04 0.00	55.05 -1.67 0.00	59.17 -2.21 0.00	94.38 -3.77 0.00	101.24 -4.19 0.00	91.51 -4.06 0.00	94.75 -4.05 0.00	92.39 -3.68 0.00	75.63 -3.27 0.00	94.58 -3.94 0.00	84.21 -3.33 -0.48	51.94 -1.95 0.00	57.95 -2.36 0.00	47.93 -1.96 0.00	60.74 -2.90 0.00	56.40 -2.93 0.00
OAKDALE___35_KV_LOAD 356122	79.64 -1.60 0.00	79.94 -1.48 0.00	48.90 -0.87 0.00	53.65 -0.94 0.00	56.33 -0.93 0.00	83.25 -1.07 0.00	77.33 -0.84 0.00	89.41 -0.75 0.00	59.82 -0.29 0.00	56.10 -0.62 0.00	60.67 -0.71 0.00	96.80 -1.34 0.00	103.84 -1.59 0.00	94.30 -1.27 0.00	97.97 -0.83 0.00	95.30 -0.77 0.00	78.42 -0.48 0.00	98.90 0.31 -0.07	88.40 0.20 -1.14	54.19 0.30 0.00	60.29 -0.02 0.00	49.71 -0.19 0.00	63.19 -0.46 0.00	58.90 -0.43 0.00
OCC_CHEM___DRP 24175	73.27 -7.96 0.00	73.48 -7.94 0.00	45.23 -4.54 0.00	49.66 -4.93 0.00	52.24 -5.02 0.00	78.44 -5.88 0.00	71.04 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.27 -4.45 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.17 -9.40 0.00	89.15 -9.65 0.00	86.85 -9.22 0.00	70.59 -8.31 0.00	87.69 -10.83 0.00	78.23 -9.41 -0.58	48.28 -5.61 0.00	54.06 -6.25 0.00	44.88 -5.02 0.00	57.01 -6.64 0.00	53.02 -6.31 0.00
OH_GEN_PROXY 24063	73.56 -7.34 0.34	74.11 -7.32 0.00	45.62 -4.14 0.00	50.08 -4.51 0.00	49.80 -4.57 2.89	120.61 -5.28 -41.57	71.80 -6.37 0.00	-47.17 -8.18 129.15	-102.10 -4.72 157.49	52.79 -3.93 0.00	56.63 -4.74 0.00	90.21 -7.93 0.00	96.67 -8.77 0.00	87.17 -8.40 0.00	90.28 -8.51 0.00	37.78 -8.15 50.14	71.53 -7.37 0.00	89.02 -9.50 0.00	79.39 -8.25 -0.58	49.00 -4.89 0.00	54.78 -5.53 0.00	42.03 -4.42 3.45	60.90 -5.92 -3.18	3.94 -5.66 49.73
OLIN_CORP_DRP 24177	73.72 -7.52 0.00	74.02 -7.40 0.00	45.61 -4.16 0.00	50.07 -4.51 0.00	52.68 -4.58 0.00	79.05 -5.27 0.00	71.47 -6.71 0.00	81.51 -8.65 0.00	55.22 -4.89 0.00	52.67 -4.05 0.00	56.44 -4.93 0.00	89.82 -8.33 0.00	96.08 -9.35 0.00	86.60 -8.97 0.00	89.62 -9.18 0.00	87.34 -8.73 0.00	70.86 -8.04 0.00	87.87 -10.65 0.00	78.41 -9.24 -0.59	48.41 -5.49 0.00	54.16 -6.15 0.00	45.01 -4.89 0.00	57.13 -6.51 0.00	53.29 -6.04 0.00
OLIN_CORP_DSASP 323712	72.94 -7.98 0.32	73.47 -7.95 0.00	45.23 -4.53 0.00	49.66 -4.92 0.00	52.23 -5.03 0.00	78.43 -5.89 0.00	71.05 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.26 -4.46 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.15 -9.42 0.00	89.16 -9.64 0.00	86.83 -9.24 0.00	70.56 -8.34 0.00	87.69 -10.83 0.00	78.25 -9.39 -0.58	48.29 -5.60 0.00	54.03 -6.28 0.00	44.90 -4.99 0.00	57.01 -6.64 0.00	53.00 -6.33 0.00
ONEIDA_HERK_LFGE 323681	83.57 2.33 0.00	83.31 1.88 0.00	50.80 1.03 0.00	55.96 1.37 0.00	58.84 1.58 0.00	86.89 2.57 0.00	81.17 2.99 0.00	93.79 3.63 0.00	62.42 2.31 0.00	58.57 1.85 0.00	62.81 1.44 0.00	101.10 2.96 0.00	108.37 2.94 0.00	97.75 2.18 0.00	101.09 2.29 0.00	99.04 2.97 0.00	81.91 3.01 0.00	102.78 4.27 0.00	90.93 3.75 -0.12	56.32 2.43 0.00	62.98 2.67 0.00	51.96 2.07 0.00	66.03 2.39 0.00	61.37 2.05 0.00
ONEIDA___115KV_TB4 55905	82.92 1.68 0.00	83.01 1.59 0.00	50.79 1.02 0.00	55.82 1.24 0.00	58.67 1.41 0.00	86.75 2.43 0.00	80.93 2.75 0.00	93.62 3.47 0.00	62.49 2.38 0.00	58.72 2.00 0.00	63.20 1.83 0.00	101.08 2.93 0.00	108.38 2.95 0.00	98.17 2.60 0.00	101.78 2.98 0.00	99.35 3.28 0.00	81.99 3.09 0.00	102.73 4.22 0.00	91.03 3.74 -0.23	56.26 2.37 0.00	62.74 2.43 0.00	51.76 1.86 0.00	65.69 2.05 0.00	61.05 1.73 0.00
ONONDAGA_REF_OCCRA 23987	78.99 -2.25 0.00	79.16 -2.26 0.00	48.43 -1.34 0.00	53.15 -1.44 0.00	55.82 -1.44 0.00	82.56 -1.76 0.00	76.74 -1.44 0.00	88.65 -1.51 0.00	59.27 -0.84 0.00	55.79 -0.93 0.00	60.24 -1.13 0.00	96.17 -1.98 0.00	103.23 -2.20 0.00	93.61 -1.96 0.00	97.02 -1.77 0.00	94.56 -1.52 0.00	77.81 -1.09 0.00	97.66 -0.86 0.00	86.78 -0.72 -0.44	53.51 -0.38 0.00	59.64 -0.67 0.00	49.23 -0.66 0.00	62.48 -1.17 0.00	58.13 -1.20 0.00
ONONDAGA___COGEN 23986	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
ONTARIO___LFGE 23819	80.04 -1.28 -0.08	80.19 -1.23 0.00	49.19 -0.57 0.00	53.96 -0.62 0.00	56.77 -0.49 0.00	84.32 0.00 0.00	78.64 0.46 0.00	90.65 0.49 0.00	60.89 0.79 0.00	57.00 0.28 0.00	61.46 0.09 0.00	96.84 -1.31 0.00	102.83 -2.60 0.00	93.71 -1.86 0.00	97.14 -1.66 0.00	95.12 -0.95 0.00	78.97 0.07 0.00	99.35 0.79 -0.04	88.43 0.72 -0.65	55.03 1.14 0.00	61.09 0.78 0.00	50.36 0.47 0.00	63.77 0.13 0.00	59.25 -0.08 0.00
ORANGEVILLE_WT_PWR 323706	76.13 -4.96 0.15	76.53 -4.89 0.00	47.14 -2.63 0.00	51.65 -2.94 0.00	54.32 -2.94 0.00	81.18 -3.14 0.00	74.42 -3.76 0.00	85.37 -4.80 0.00	57.60 -2.50 0.00	54.55 -2.17 0.00	58.14 -3.24 0.00	92.40 -5.74 0.00	98.59 -6.84 0.00	89.04 -6.52 0.00	92.36 -6.44 0.00	89.92 -6.16 0.00	73.70 -5.20 0.00	92.56 -6.00 -0.04	82.63 -5.12 -0.69	51.04 -2.85 0.00	56.95 -3.36 0.00	47.18 -2.72 0.00	59.87 -3.78 0.00	55.76 -3.57 0.00
ORANGEVILLE___ESR 323794	76.13 -4.96 0.15	76.53 -4.89 0.00	47.14 -2.63 0.00	51.65 -2.94 0.00	54.32 -2.94 0.00	81.18 -3.14 0.00	74.42 -3.76 0.00	85.37 -4.80 0.00	57.60 -2.50 0.00	54.55 -2.17 0.00	58.14 -3.24 0.00	92.40 -5.74 0.00	98.59 -6.84 0.00	89.04 -6.52 0.00	92.36 -6.44 0.00	89.92 -6.16 0.00	73.70 -5.20 0.00	92.56 -6.00 -0.04	82.63 -5.12 -0.69	51.04 -2.85 0.00	56.95 -3.36 0.00	47.18 -2.72 0.00	59.87 -3.78 0.00	55.76 -3.57 0.00
OSWEGATCHIE___HYD 24044	83.31 2.07 0.00	82.84 1.42 0.00	50.51 0.74 0.00	55.82 1.23 0.00	58.35 1.09 0.00	85.81 1.49 0.00	80.00 1.82 0.00	91.91 1.75 0.00	60.94 0.83 0.00	57.57 0.85 0.00	61.89 0.51 0.00	100.12 1.97 0.00	107.76 2.33 0.00	96.52 0.95 0.00	99.40 0.60 0.00	96.80 0.72 0.00	79.51 0.61 0.00	99.11 0.59 0.00	87.49 0.33 -0.11	54.24 0.35 0.00	61.17 0.86 0.00	50.74 0.84 0.00	65.21 1.57 0.00	60.75 1.42 0.00
OSWEGO___5 23606	77.89 -3.35 0.00	78.07 -3.36 0.00	47.74 -2.03 0.00	52.39 -2.20 0.00	55.02 -2.24 0.00	81.25 -3.07 0.00	75.40 -2.78 0.00	87.01 -3.15 0.00	58.12 -1.98 0.00	54.77 -1.95 0.00	59.16 -2.21 0.00	94.50 -3.64 0.00	101.44 -4.00 0.00	91.96 -3.61 0.00	95.19 -3.61 0.00	92.73 -3.34 0.00	76.25 -2.65 0.00	95.53 -2.99 0.00	84.76 -2.60 -0.31	52.33 -1.57 0.00	58.42 -1.89 0.00	48.25 -1.65 0.00	61.34 -2.31 0.00	57.13 -2.20 0.00

OSWEGO___6 23613	77.89 -3.35 0.00	78.07 -3.36 0.00	47.74 -2.03 0.00	52.39 -2.20 0.00	55.02 -2.24 0.00	81.25 -3.07 0.00	75.40 -2.78 0.00	87.01 -3.15 0.00	58.12 -1.98 0.00	54.77 -1.95 0.00	59.16 -2.21 0.00	94.50 -3.64 0.00	101.44 -4.00 0.00	91.96 -3.61 0.00	95.19 -3.61 0.00	92.73 -3.34 0.00	76.25 -2.65 0.00	95.53 -2.99 0.00	84.76 -2.60 -0.31	52.33 -1.57 0.00	58.42 -1.89 0.00	48.25 -1.65 0.00	61.34 -2.31 0.00	57.13 -2.20 0.00
OUTOKUMPU-AB___DRP 24206	75.16 -6.08 0.00	75.39 -6.03 0.00	46.41 -3.36 0.00	50.92 -3.66 0.00	53.58 -3.68 0.00	80.45 -3.87 0.00	73.42 -4.76 0.00	84.06 -6.10 0.00	56.98 -3.13 0.00	54.34 -2.39 0.00	58.13 -3.24 0.00	92.49 -5.65 0.00	98.84 -6.59 0.00	89.15 -6.42 0.00	92.21 -6.58 0.00	89.74 -6.33 0.00	72.86 -6.04 0.00	90.60 -7.92 0.00	80.84 -6.81 -0.60	49.70 -4.19 0.00	55.48 -4.83 0.00	46.07 -3.83 0.00	58.43 -5.22 0.00	54.34 -4.99 0.00
OXBOW___BTM 323836	73.72 -7.20 0.32	74.24 -7.18 0.00	45.71 -4.06 0.00	50.18 -4.41 0.00	52.77 -4.49 0.00	79.26 -5.06 0.00	72.06 -6.12 0.00	82.35 -7.81 0.00	55.77 -4.34 0.00	53.19 -3.53 0.00	56.98 -4.39 0.00	90.68 -7.47 0.00	97.03 -8.40 0.00	87.47 -8.09 0.00	90.50 -8.30 0.00	88.11 -7.97 0.00	71.56 -7.34 0.00	88.99 -9.53 0.00	79.39 -8.25 -0.59	48.91 -4.99 0.00	54.63 -5.68 0.00	45.40 -4.49 0.00	57.58 -6.06 0.00	53.54 -5.79 0.00
OXBOW____ 24026	74.06 -7.18 0.00	74.25 -7.17 0.00	45.70 -4.07 0.00	50.18 -4.41 0.00	52.77 -4.49 0.00	79.28 -5.04 0.00	72.07 -6.11 0.00	82.34 -7.82 0.00	55.78 -4.33 0.00	53.19 -3.53 0.00	56.98 -4.39 0.00	90.68 -7.47 0.00	97.02 -8.42 0.00	87.49 -8.08 0.00	90.50 -8.30 0.00	88.11 -7.96 0.00	71.59 -7.31 0.00	88.96 -9.56 0.00	79.41 -8.24 -0.59	48.90 -5.00 0.00	54.66 -5.65 0.00	45.37 -4.52 0.00	57.58 -6.06 0.00	53.55 -5.78 0.00
OXY_CHEM_DSASP 323612	73.27 -7.96 0.00	73.48 -7.94 0.00	45.23 -4.54 0.00	49.66 -4.93 0.00	52.24 -5.02 0.00	78.44 -5.88 0.00	71.04 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.27 -4.45 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.17 -9.40 0.00	89.15 -9.65 0.00	86.85 -9.22 0.00	70.59 -8.31 0.00	87.69 -10.83 0.00	78.23 -9.41 -0.58	48.28 -5.61 0.00	54.06 -6.25 0.00	44.88 -5.02 0.00	57.01 -6.64 0.00	53.02 -6.31 0.00
OZONE_PARK_ESR 323760	84.57 3.33 0.00	84.56 3.13 0.00	51.55 1.78 0.00	56.39 1.80 0.00	59.14 1.88 0.00	87.35 3.03 0.00	81.93 3.75 0.00	95.67 5.51 0.00	63.84 3.73 0.00	59.83 3.11 0.00	64.48 3.11 0.00	102.59 4.44 0.00	109.96 4.53 0.00	100.11 4.54 0.00	103.79 5.00 0.00	101.71 5.64 0.00	84.67 5.77 0.00	107.00 8.33 -0.15	97.98 7.50 -3.42	58.79 4.90 0.00	65.27 4.96 0.00	53.60 3.71 0.00	67.48 3.83 0.00	62.75 3.42 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	73.27 -7.96 0.00	73.48 -7.94 0.00	45.23 -4.54 0.00	49.66 -4.93 0.00	52.24 -5.02 0.00	78.44 -5.88 0.00	71.04 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.27 -4.45 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.17 -9.40 0.00	89.15 -9.65 0.00	86.85 -9.22 0.00	70.59 -8.31 0.00	87.69 -10.83 0.00	78.23 -9.41 -0.58	48.28 -5.61 0.00	54.06 -6.25 0.00	44.88 -5.02 0.00	57.01 -6.64 0.00	53.02 -6.31 0.00
PACKARD___115KV_DUPONT_184 80571	73.27 -7.96 0.00	73.48 -7.94 0.00	45.23 -4.54 0.00	49.66 -4.93 0.00	52.24 -5.02 0.00	78.44 -5.88 0.00	71.04 -7.13 0.00	80.97 -9.19 0.00	54.80 -5.31 0.00	52.27 -4.45 0.00	56.06 -5.31 0.00	89.24 -8.90 0.00	95.58 -9.85 0.00	86.17 -9.40 0.00	89.15 -9.65 0.00	86.85 -9.22 0.00	70.59 -8.31 0.00	87.69 -10.83 0.00	78.23 -9.41 -0.58	48.28 -5.61 0.00	54.06 -6.25 0.00	44.88 -5.02 0.00	57.01 -6.64 0.00	53.02 -6.31 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	84.04 2.80 0.00	84.09 2.66 0.00	51.25 1.48 0.00	56.05 1.46 0.00	58.80 1.54 0.00	86.84 2.52 0.00	81.46 3.29 0.00	94.52 4.37 0.00	63.09 2.98 0.00	59.11 2.38 0.00	63.76 2.39 0.00	101.40 3.25 0.00	108.72 3.29 0.00	98.96 3.39 0.00	102.59 3.80 0.00	100.48 4.41 0.00	83.65 4.75 0.00	105.72 7.05 -0.15	96.77 6.29 -3.42	58.04 4.15 0.00	64.43 4.12 0.00	52.94 3.04 0.00	66.60 2.95 0.00	61.98 2.65 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	84.04 2.80 0.00	84.09 2.66 0.00	51.29 1.52 0.00	56.17 1.59 0.00	59.00 1.74 0.00	87.11 2.79 0.00	81.70 3.52 0.00	94.56 4.41 0.00	63.25 3.15 0.00	59.24 2.52 0.00	63.92 2.55 0.00	101.66 3.51 0.00	109.00 3.57 0.00	99.11 3.55 0.00	102.68 3.88 0.00	100.61 4.54 0.00	83.82 4.92 0.00	105.99 7.32 -0.15	97.02 6.54 -3.42	58.19 4.29 0.00	64.62 4.31 0.00	53.11 3.21 0.00	66.80 3.16 0.00	62.19 2.86 0.00
PATROON___115KV_TB1 80586	83.85 2.62 0.00	83.99 2.56 0.00	51.27 1.50 0.00	56.28 1.70 0.00	59.06 1.80 0.00	86.49 2.17 0.00	80.41 2.23 0.00	93.02 2.86 0.00	62.09 1.99 0.00	58.41 1.69 0.00	62.99 1.62 0.00	100.37 2.22 0.00	107.81 2.38 0.00	98.25 2.69 0.00	101.49 2.69 0.00	98.77 2.70 0.00	81.53 2.63 0.00	103.32 3.77 -1.03	94.62 3.77 -4.21	55.86 1.97 0.00	62.26 1.95 0.00	51.54 1.65 0.00	65.47 1.83 0.00	61.45 2.12 0.00
PATTRSNVILLE___SOLAR 323815	84.29 3.05 0.00	84.47 3.05 0.00	51.58 1.81 0.00	56.57 1.98 0.00	59.42 2.16 0.00	87.34 3.02 0.00	81.29 3.11 0.00	94.18 4.02 0.00	62.65 2.55 0.00	58.65 1.94 0.00	63.09 1.72 0.00	100.93 2.78 0.00	108.44 3.01 0.00	97.99 2.42 0.00	101.69 2.89 0.00	99.71 3.64 0.00	82.69 3.79 0.00	105.74 5.49 -1.73	96.38 4.89 -4.43	56.94 3.05 0.00	63.51 3.20 0.00	52.44 2.54 0.00	66.54 2.90 0.00	62.02 2.69 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	76.63 -4.61 0.00	76.82 -4.60 0.00	47.26 -2.51 0.00	51.85 -2.74 0.00	54.54 -2.72 0.00	81.79 -2.53 0.00	74.68 -3.50 0.00	85.59 -4.57 0.00	58.28 -1.82 0.00	55.72 -1.00 0.00	59.10 -2.27 0.00	94.44 -3.70 0.00	100.43 -5.00 0.00	90.73 -4.84 0.00	94.09 -4.71 0.00	91.63 -4.44 0.00	74.63 -4.27 0.00	93.25 -5.27 0.00	83.14 -4.56 -0.64	51.31 -2.59 0.00	57.25 -3.06 0.00	47.44 -2.45 0.00	60.19 -3.45 0.00	56.00 -3.33 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	84.78 3.54 0.00	84.86 3.44 0.00	51.73 1.96 0.00	56.62 2.03 0.00	59.42 2.16 0.00	87.57 3.25 0.00	82.05 3.87 0.00	95.65 5.49 0.00	63.81 3.70 0.00	59.75 3.03 0.00	64.46 3.08 0.00	102.60 4.45 0.00	109.92 4.49 0.00	100.04 4.47 0.00	103.86 5.07 0.00	101.73 5.65 0.00	84.59 5.69 0.00	107.00 8.32 -0.16	98.04 7.53 -3.45	58.70 4.81 0.00	65.21 4.90 0.00	53.63 3.74 0.00	67.62 3.98 0.00	62.89 3.56 0.00
PEEKSKILL____ 23653	83.55 2.31 0.00	83.59 2.16 0.00	50.95 1.18 0.00	55.77 1.18 0.00	58.49 1.23 0.00	86.26 1.94 0.00	80.76 2.59 0.00	94.14 3.98 0.00	62.83 2.73 0.00	58.84 2.12 0.00	63.52 2.14 0.00	101.06 2.91 0.00	108.31 2.88 0.00	98.60 3.03 0.00	102.22 3.42 0.00	100.10 4.03 0.00	83.22 4.32 0.00	105.17 6.50 -0.15	96.27 5.83 -3.38	57.69 3.79 0.00	64.11 3.80 0.00	52.71 2.81 0.00	66.48 2.83 0.00	61.86 2.53 0.00

PGE MADISON___WINDPWR 24146	86.46 5.14 -0.08	87.07 5.64 0.00	53.41 3.65 0.00	58.45 3.87 0.00	61.48 4.22 0.00	90.87 6.54 0.00	84.77 6.59 0.00	98.97 8.81 0.00	66.32 6.21 0.00	62.17 5.45 0.00	66.28 4.91 0.00	104.78 6.63 0.00	111.38 5.95 0.00	102.22 6.64 0.00	106.52 7.72 0.00	104.01 7.94 0.00	85.15 6.25 0.00	108.23 9.61 -0.10	96.83 8.67 -1.10	59.18 5.28 0.00	65.82 5.51 0.00	54.02 4.13 0.00	69.17 5.52 0.00	64.29 4.96 0.00
PIERCEFIELD___HYD 23852	83.23 1.99 0.00	83.20 1.78 0.00	50.88 1.11 0.00	56.07 1.48 0.00	58.25 0.99 0.00	85.31 0.99 0.00	78.96 0.79 0.00	90.45 0.28 0.00	59.96 -0.15 0.00	57.28 0.56 0.00	62.12 0.75 0.00	100.00 1.85 0.00	108.20 2.77 0.00	96.86 1.29 0.00	99.60 0.80 0.00	95.90 -0.17 0.00	77.95 -0.95 0.00	96.22 -2.30 0.00	84.62 -2.49 -0.06	52.45 -1.44 0.00	59.43 -0.88 0.00	49.62 -0.27 0.00	64.41 0.77 0.00	60.23 0.90 0.00
PINELAWN_CC_1 323563	85.45 4.22 0.00	85.47 4.05 0.00	51.87 2.10 0.00	56.81 2.22 0.00	59.65 2.39 0.00	88.24 3.92 0.00	82.88 4.70 0.00	96.58 6.42 0.00	64.27 4.16 0.00	59.88 3.16 0.00	64.55 3.18 0.00	102.50 4.36 0.00	110.00 4.57 0.00	100.10 4.53 0.00	103.94 5.14 0.00	102.17 6.10 0.00	85.48 6.58 0.00	108.13 9.46 -0.15	98.79 8.31 -3.42	69.26 5.64 -9.72	66.02 5.71 0.00	54.24 4.29 -0.05	67.95 4.27 -0.03	73.05 3.97 -9.75
PJM_GEN_HTP_PROXY 323702	83.86 2.63 0.00	83.88 2.45 0.00	51.13 1.36 0.00	55.94 1.35 0.00	58.69 1.43 0.00	86.60 2.28 0.00	81.16 2.99 0.00	94.80 4.64 0.00	63.28 3.17 0.00	59.30 2.58 0.00	63.93 2.56 0.00	101.70 3.55 0.00	109.01 3.58 0.00	99.25 3.68 0.00	102.89 4.09 0.00	100.78 4.70 0.00	83.85 4.95 0.00	105.92 7.24 -0.15	96.98 6.51 -3.42	58.12 4.22 0.00	64.53 4.22 0.00	49.82 3.13 3.21	66.80 3.15 0.00	62.15 2.82 0.00
PJM_GEN_KEystone 24065	32.70 -2.12 46.42	42.82 -2.18 36.43	24.34 -1.32 24.11	22.54 -1.49 30.56	28.56 -1.51 27.18	53.86 -1.69 28.77	43.23 -1.53 33.43	81.56 -1.41 7.20	32.51 -0.72 26.88	24.31 -0.83 31.59	17.28 -1.05 43.05	95.45 -2.14 0.56	99.68 -2.48 3.26	57.14 -2.03 36.40	38.22 -1.70 58.87	77.86 -1.35 16.86	77.17 -0.75 0.98	83.34 -0.01 15.17	86.19 -0.03 0.83	54.10 0.24 0.03	60.16 -0.15 0.00	27.84 -0.28 21.77	31.57 -0.81 31.26	37.40 -0.76 21.17
PJM_GEN_NEPTUNE_PROXY 323594	84.38 3.15 0.00	84.45 3.02 0.00	51.28 1.51 0.00	56.16 1.57 0.00	58.95 1.69 0.00	87.09 2.77 0.00	81.68 3.50 0.00	95.17 5.01 0.00	63.39 3.28 0.00	59.18 2.46 0.00	63.89 2.52 0.00	101.59 3.44 0.00	108.96 3.53 0.00	99.17 3.60 0.00	102.93 4.14 0.00	101.04 4.96 0.00	84.24 5.35 0.00	106.43 7.76 -0.15	97.32 6.85 -3.42	63.72 4.68 -5.15	64.99 4.68 0.00	50.23 3.51 3.18	67.04 3.40 0.00	62.49 3.16 0.00
PJM_GEN_VFT_PROXY 323633	83.30 2.06 0.00	83.30 1.88 0.00	50.82 1.05 0.00	55.56 0.97 0.00	58.27 1.01 0.00	86.04 1.72 0.00	80.60 2.42 0.00	94.06 3.90 0.00	62.77 2.66 0.00	58.68 2.09 0.12	63.38 2.00 0.00	92.91 2.72 7.96	61.44 2.59 46.58	62.12 2.82 36.27	49.32 3.17 52.65	54.80 3.82 45.09	69.26 4.29 13.93	91.94 6.42 13.00	53.92 5.83 38.97	57.28 3.80 0.41	64.00 3.74 0.06	49.27 2.72 3.34	66.25 2.61 0.00	61.67 2.34 0.00
PLATSBURG_115KV_PMLD1 355749	83.12 1.88 0.00	83.37 1.95 0.00	50.84 1.07 0.00	55.73 1.14 0.00	58.09 0.83 0.00	84.93 0.61 0.00	79.13 0.96 0.00	90.91 0.75 0.00	59.97 -0.14 0.00	56.57 -0.15 0.00	61.26 -0.11 0.00	98.16 0.01 0.00	105.44 0.01 0.00	95.48 -0.09 0.00	98.04 -0.76 0.00	94.95 -1.12 0.00	77.84 -1.06 0.00	96.52 -2.00 0.00	85.10 -1.96 0.00	52.49 -1.40 0.00	59.41 -0.90 0.00	49.33 -0.56 0.00	63.56 -0.08 0.00	59.73 0.40 0.00
PLEASANTVLY___LBMP 24000	83.66 2.43 0.00	83.78 2.36 0.00	51.10 1.33 0.00	55.95 1.37 0.00	58.69 1.43 0.00	86.37 2.05 0.00	80.73 2.56 0.00	94.03 3.87 0.00	62.76 2.65 0.00	58.79 2.07 0.00	63.52 2.15 0.00	101.20 3.06 0.00	108.49 3.06 0.00	98.72 3.16 0.00	102.38 3.58 0.00	100.14 4.07 0.00	83.14 4.24 0.00	104.96 6.28 -0.16	96.26 5.65 -3.56	57.52 3.62 0.00	63.94 3.63 0.00	52.64 2.75 0.00	66.48 2.84 0.00	61.92 2.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	83.92 2.69 0.00	83.97 2.55 0.00	51.18 1.41 0.00	56.02 1.43 0.00	58.77 1.51 0.00	86.64 2.32 0.00	81.12 2.95 0.00	94.59 4.44 0.00	63.15 3.04 0.00	59.12 2.40 0.00	63.83 2.46 0.00	101.60 3.45 0.00	108.87 3.44 0.00	99.09 3.52 0.00	102.80 4.01 0.00	100.63 4.56 0.00	83.65 4.75 0.00	105.69 7.02 -0.15	96.84 6.34 -3.44	58.00 4.11 0.00	64.42 4.11 0.00	52.97 3.07 0.00	66.80 3.16 0.00	62.16 2.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	83.92 2.69 0.00	83.97 2.55 0.00	51.18 1.41 0.00	56.02 1.43 0.00	58.77 1.51 0.00	86.64 2.32 0.00	81.12 2.95 0.00	94.59 4.44 0.00	63.15 3.04 0.00	59.12 2.40 0.00	63.83 2.46 0.00	101.60 3.45 0.00	108.87 3.44 0.00	99.09 3.52 0.00	102.80 4.01 0.00	100.63 4.56 0.00	83.65 4.75 0.00	105.69 7.02 -0.15	96.84 6.34 -3.44	58.00 4.11 0.00	64.42 4.11 0.00	52.97 3.07 0.00	66.80 3.16 0.00	62.16 2.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	84.36 3.12 0.00	84.45 3.03 0.00	51.51 1.75 0.00	56.43 1.84 0.00	59.20 1.94 0.00	87.16 2.85 0.00	81.54 3.36 0.00	94.99 4.83 0.00	63.39 3.29 0.00	59.36 2.63 0.00	64.06 2.68 0.00	102.03 3.89 0.00	109.31 3.88 0.00	99.48 3.91 0.00	103.25 4.45 0.00	101.15 5.07 0.00	84.10 5.20 0.00	106.25 7.56 -0.17	97.37 6.83 -3.49	58.21 4.32 0.00	64.71 4.40 0.00	53.24 3.35 0.00	67.21 3.57 0.00	62.56 3.23 0.00
POLETTI___ 23519	83.52 2.28 0.00	83.52 2.10 0.00	50.92 1.15 0.00	55.71 1.12 0.00	58.43 1.17 0.00	86.25 1.93 0.00	80.85 2.67 0.00	94.33 4.17 0.00	62.97 2.86 0.00	59.00 2.28 0.00	63.67 2.30 0.00	101.27 3.12 0.00	108.56 3.13 0.00	98.91 3.34 0.00	102.47 3.67 0.00	100.44 4.36 0.00	83.64 4.74 0.00	105.61 6.94 -0.15	96.76 6.28 -3.42	58.04 4.15 0.00	64.42 4.11 0.00	52.84 2.95 0.00	66.55 2.91 0.00	62.02 2.69 0.00
POMONA___ESR 323819	83.26 2.02 0.00	83.30 1.88 0.00	50.78 1.01 0.00	55.57 0.99 0.00	58.30 1.04 0.00	86.04 1.73 0.00	80.54 2.36 0.00	93.84 3.68 0.00	62.61 2.51 0.00	58.65 1.94 0.00	63.30 1.93 0.00	100.70 2.55 0.00	107.92 2.49 0.00	98.27 2.70 0.00	101.85 3.05 0.00	99.73 3.66 0.00	82.93 4.03 0.00	104.79 6.12 -0.14	95.86 5.50 -3.29	57.50 3.61 0.00	63.89 3.58 0.00	52.52 2.63 0.00	66.24 2.59 0.00	61.63 2.30 0.00
PORT_JEFF_3 23555	85.51 4.27 0.00	85.52 4.09 0.00	51.83 2.07 0.00	56.78 2.19 0.00	59.64 2.38 0.00	88.34 4.02 0.00	83.22 5.04 0.00	96.83 6.67 0.00	64.19 4.09 0.00	59.57 2.85 0.00	64.14 2.76 0.00	101.89 3.74 0.00	109.52 4.09 0.00	100.36 4.79 0.00	104.06 5.26 0.00	102.44 6.37 0.00	85.78 6.88 0.00	108.59 9.92 -0.15	99.30 8.83 -3.42	69.46 5.84 -9.72	66.11 5.80 0.00	54.25 4.31 -0.05	68.03 4.37 -0.02	68.09 4.10 -4.66

PORT_JEFF_4 23616	85.51 4.27 0.00	85.52 4.09 0.00	51.83 2.07 0.00	56.78 2.19 0.00	59.64 2.38 0.00	88.34 4.02 0.00	83.22 5.04 0.00	96.83 6.67 0.00	64.19 4.09 0.00	59.57 2.85 0.00	64.14 2.76 0.00	101.89 3.74 0.00	109.52 4.09 0.00	100.36 4.79 0.00	104.06 5.26 0.00	102.44 6.37 0.00	85.78 6.88 0.00	108.59 9.92 -0.15	99.30 8.83 -3.42	69.46 5.84 -9.72	66.11 5.80 0.00	54.25 4.31 -0.05	68.03 4.37 -0.02	68.16 4.15 -4.68
PORT_JEFF_IC 23713	85.61 4.37 0.00	85.60 4.18 0.00	51.88 2.12 0.00	56.83 2.24 0.00	59.69 2.43 0.00	88.43 4.11 0.00	83.30 5.13 0.00	96.98 6.82 0.00	64.31 4.21 0.00	59.68 2.96 0.00	64.28 2.91 0.00	102.09 3.94 0.00	109.69 4.26 0.00	100.41 4.84 0.00	104.12 5.32 0.00	102.50 6.42 0.00	85.85 6.95 0.00	108.71 10.04 -0.15	99.40 8.92 -3.42	69.51 5.90 -9.72	66.14 5.84 0.00	54.29 4.34 -0.05	68.06 4.40 -0.02	68.29 4.16 -4.80
PPL PILGRIM_ST_GT1 24216	86.03 4.79 0.00	86.09 4.67 0.00	52.16 2.39 0.00	57.16 2.57 0.00	60.03 2.77 0.00	88.91 4.58 0.00	83.47 5.29 0.00	97.06 6.90 0.00	64.68 4.58 0.00	60.22 3.50 0.00	64.95 3.58 0.00	103.20 5.06 0.00	110.76 5.32 0.00	100.78 5.21 0.00	104.69 5.90 0.00	102.99 6.92 0.00	86.18 7.28 0.00	109.01 10.34 -0.15	99.49 9.02 -3.42	69.74 6.13 -9.72	66.50 6.19 0.00	54.60 4.66 -0.05	68.35 4.68 -0.02	69.24 4.42 -5.49
PPL PILGRIM_ST_GT2 24217	86.03 4.79 0.00	86.09 4.67 0.00	52.16 2.39 0.00	57.16 2.57 0.00	60.03 2.77 0.00	88.91 4.58 0.00	83.47 5.29 0.00	97.06 6.90 0.00	64.68 4.58 0.00	60.22 3.50 0.00	64.95 3.58 0.00	103.20 5.06 0.00	110.76 5.32 0.00	100.78 5.21 0.00	104.69 5.90 0.00	102.99 6.92 0.00	86.18 7.28 0.00	109.01 10.34 -0.15	99.49 9.02 -3.42	69.74 6.13 -9.72	66.50 6.19 0.00	54.60 4.66 -0.05	68.35 4.68 -0.02	69.24 4.42 -5.49
PPL_SHRM_GT3 24213	85.65 4.41 0.00	85.64 4.22 0.00	51.90 2.14 0.00	56.86 2.27 0.00	59.73 2.47 0.00	88.56 4.24 0.00	83.68 5.50 0.00	97.37 7.21 0.00	64.58 4.48 0.00	59.89 3.17 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.74 4.31 0.00	100.26 4.69 0.00	103.71 4.92 0.00	102.20 6.13 0.00	85.80 6.90 0.00	108.64 9.97 -0.15	99.50 9.02 -3.42	69.19 5.58 -9.72	65.66 5.35 0.00	53.88 3.93 -0.05	67.85 4.19 -0.02	68.06 4.02 -4.71
PPL_SHRM_GT4 24214	85.65 4.41 0.00	85.64 4.22 0.00	51.90 2.14 0.00	56.86 2.27 0.00	59.73 2.47 0.00	88.56 4.24 0.00	83.68 5.50 0.00	97.37 7.21 0.00	64.58 4.48 0.00	59.89 3.17 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.74 4.31 0.00	100.26 4.69 0.00	103.71 4.92 0.00	102.20 6.13 0.00	85.80 6.90 0.00	108.64 9.97 -0.15	99.50 9.02 -3.42	69.19 5.58 -9.72	65.66 5.35 0.00	53.88 3.93 -0.05	67.85 4.19 -0.02	68.06 4.02 -4.71
PROJECT___ORANGE 1 24174	78.42 -2.82 0.00	78.58 -2.84 0.00	48.08 -1.68 0.00	52.76 -1.83 0.00	55.42 -1.84 0.00	81.98 -2.34 0.00	76.14 -2.03 0.00	87.93 -2.23 0.00	58.81 -1.30 0.00	55.39 -1.33 0.00	59.81 -1.56 0.00	95.47 -2.67 0.00	102.50 -2.93 0.00	92.94 -2.63 0.00	96.28 -2.52 0.00	93.85 -2.22 0.00	77.20 -1.70 0.00	96.84 -1.68 0.00	86.00 -1.43 -0.38	53.05 -0.84 0.00	59.15 -1.16 0.00	48.82 -1.07 0.00	61.95 -1.69 0.00	57.65 -1.68 0.00
PROJECT___ORANGE 2 24166	78.42 -2.82 0.00	78.58 -2.84 0.00	48.08 -1.68 0.00	52.76 -1.83 0.00	55.42 -1.84 0.00	81.98 -2.34 0.00	76.14 -2.03 0.00	87.93 -2.23 0.00	58.81 -1.30 0.00	55.39 -1.33 0.00	59.81 -1.56 0.00	95.47 -2.67 0.00	102.50 -2.93 0.00	92.94 -2.63 0.00	96.28 -2.52 0.00	93.85 -2.22 0.00	77.20 -1.70 0.00	96.84 -1.68 0.00	86.00 -1.43 -0.38	53.05 -0.84 0.00	59.15 -1.16 0.00	48.82 -1.07 0.00	61.95 -1.69 0.00	57.65 -1.68 0.00
PUCKETT___SOLAR 323809	81.14 -0.19 -0.10	81.56 0.14 0.00	49.96 0.19 0.00	54.80 0.21 0.00	57.57 0.31 0.00	85.07 0.74 0.00	79.12 0.94 0.00	91.74 1.58 0.00	61.45 1.35 0.00	57.53 0.81 0.00	61.95 0.57 0.00	98.69 0.55 0.00	105.37 -0.06 0.00	96.29 0.72 0.00	100.11 1.31 0.00	97.52 1.44 0.00	80.29 1.39 0.00	101.59 2.98 -0.09	90.85 2.62 -1.17	55.65 1.76 0.00	61.87 1.56 0.00	50.76 0.87 0.00	64.58 0.94 0.00	60.23 0.90 0.00
PYRITES___HYD 24023	84.68 3.44 0.00	84.66 3.24 0.00	51.78 2.01 0.00	57.07 2.48 0.00	59.36 2.10 0.00	87.12 2.80 0.00	80.57 2.39 0.00	92.31 2.15 0.00	61.21 1.10 0.00	58.43 1.71 0.00	63.43 2.05 0.00	101.97 3.83 0.00	110.38 4.95 0.00	98.77 3.20 0.00	101.71 2.91 0.00	97.89 1.81 0.00	79.54 0.64 0.00	98.21 -0.31 0.00	86.41 -0.70 -0.05	53.56 -0.34 0.00	60.65 0.34 0.00	50.60 0.71 0.00	65.63 1.98 0.00	61.31 1.99 0.00
QUAKERRD_115KV_BK1 80622	75.81 -5.42 0.00	76.02 -5.40 0.00	46.61 -3.16 0.00	51.15 -3.44 0.00	53.81 -3.45 0.00	80.16 -4.16 0.00	73.86 -4.31 0.00	84.91 -5.25 0.00	57.03 -3.08 0.00	54.00 -2.72 0.00	58.10 -3.27 0.00	92.75 -5.39 0.00	99.50 -5.93 0.00	90.03 -5.54 0.00	93.24 -5.56 0.00	90.87 -5.20 0.00	74.46 -4.44 0.00	93.12 -5.40 0.00	82.86 -4.66 -0.46	51.10 -2.80 0.00	57.04 -3.26 0.00	47.12 -2.77 0.00	59.75 -3.89 0.00	55.53 -3.80 0.00
QUEENSBRY_115KV_TB8 356137	87.66 6.42 0.00	87.70 6.27 0.00	53.56 3.79 0.00	58.80 4.21 0.00	61.83 4.57 0.00	90.77 6.45 0.00	84.93 6.75 0.00	98.83 8.67 0.00	65.96 5.85 0.00	61.66 4.94 0.00	66.56 5.18 0.00	105.64 7.50 0.00	113.18 7.75 0.00	102.95 7.38 0.00	106.71 7.92 0.00	104.78 8.71 0.00	87.01 8.12 0.00	111.57 11.42 -1.63	101.34 9.96 -4.31	60.06 6.17 0.00	66.79 6.48 0.00	55.03 5.14 0.00	69.71 6.07 0.00	65.00 5.67 0.00
RAMAPO___LBMP 323565	83.06 1.83 0.00	83.11 1.69 0.00	50.67 0.90 0.00	55.46 0.87 0.00	58.17 0.91 0.00	85.83 1.51 0.00	80.33 2.15 0.00	93.57 3.41 0.00	62.43 2.33 0.00	58.49 1.76 0.00	63.09 1.72 0.00	100.39 2.25 0.00	107.61 2.18 0.00	97.95 2.38 0.00	101.52 2.73 0.00	99.40 3.33 0.00	82.61 3.71 0.00	104.40 5.74 -0.14	95.52 5.18 -3.29	57.29 3.39 0.00	63.66 3.35 0.00	52.34 2.45 0.00	66.04 2.40 0.00	61.45 2.12 0.00
RANKINE____ 23646	76.11 -5.13 0.00	76.32 -5.11 0.00	46.98 -2.79 0.00	51.53 -3.06 0.00	54.21 -3.05 0.00	81.35 -2.97 0.00	74.21 -3.96 0.00	84.89 -5.27 0.00	57.53 -2.58 0.00	54.93 -1.79 0.00	58.51 -2.87 0.00	93.22 -4.93 0.00	99.47 -5.96 0.00	89.74 -5.83 0.00	92.98 -5.82 0.00	90.58 -5.49 0.00	73.83 -5.08 0.00	92.12 -6.39 0.00	82.19 -5.50 -0.63	50.70 -3.19 0.00	56.65 -3.66 0.00	46.97 -2.92 0.00	59.60 -4.05 0.00	55.38 -3.95 0.00
RAVENSWOOD_GT2_1 24244	83.87 2.63 0.00	83.88 2.46 0.00	51.13 1.37 0.00	55.94 1.36 0.00	58.70 1.44 0.00	86.61 2.29 0.00	81.19 3.01 0.00	94.70 4.55 0.00	63.21 3.11 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.62 3.48 0.00	108.94 3.51 0.00	99.19 3.62 0.00	102.80 4.01 0.00	100.73 4.65 0.00	83.82 4.92 0.00	105.91 7.24 -0.15	96.96 6.49 -3.42	58.13 4.24 0.00	64.55 4.24 0.00	53.03 3.13 0.00	66.77 3.12 0.00	62.13 2.80 0.00

RAVENSWOOD_GT2_2 24245	83.87 2.63 0.00	83.88 2.46 0.00	51.13 1.37 0.00	55.94 1.36 0.00	58.70 1.44 0.00	86.61 2.29 0.00	81.19 3.01 0.00	94.70 4.55 0.00	63.21 3.11 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.62 3.48 0.00	108.94 3.51 0.00	99.19 3.62 0.00	102.80 4.01 0.00	100.73 4.65 0.00	83.82 4.92 0.00	105.91 7.24 -0.15	96.96 6.49 -3.42	58.13 4.24 0.00	64.55 4.24 0.00	53.03 3.13 0.00	66.77 3.12 0.00	62.13 2.80 0.00
RAVENSWOOD_GT2_3 24246	83.92 2.68 0.00	83.93 2.51 0.00	51.16 1.40 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.67 2.36 0.00	81.24 3.06 0.00	94.77 4.62 0.00	63.24 3.13 0.00	59.26 2.54 0.00	63.93 2.55 0.00	101.68 3.53 0.00	108.99 3.55 0.00	99.25 3.68 0.00	102.88 4.08 0.00	100.78 4.71 0.00	83.86 4.96 0.00	105.97 7.29 -0.15	97.01 6.53 -3.42	58.16 4.26 0.00	64.57 4.26 0.00	53.05 3.16 0.00	66.81 3.16 0.00	62.16 2.83 0.00
RAVENSWOOD_GT2_4 24247	83.92 2.68 0.00	83.93 2.51 0.00	51.16 1.40 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.67 2.36 0.00	81.24 3.06 0.00	94.77 4.62 0.00	63.24 3.13 0.00	59.26 2.54 0.00	63.93 2.55 0.00	101.68 3.53 0.00	108.99 3.55 0.00	99.25 3.68 0.00	102.88 4.08 0.00	100.78 4.71 0.00	83.86 4.96 0.00	105.97 7.29 -0.15	97.01 6.53 -3.42	58.16 4.26 0.00	64.57 4.26 0.00	53.05 3.16 0.00	66.81 3.16 0.00	62.16 2.83 0.00
RAVENSWOOD_GT3_1 24248	83.87 2.64 0.00	83.88 2.46 0.00	51.14 1.37 0.00	55.94 1.36 0.00	58.70 1.44 0.00	86.61 2.29 0.00	81.20 3.02 0.00	94.71 4.55 0.00	63.21 3.11 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.62 3.48 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.80 4.01 0.00	100.73 4.65 0.00	83.82 4.92 0.00	105.91 7.24 -0.15	96.97 6.49 -3.42	58.13 4.24 0.00	64.55 4.24 0.00	53.03 3.14 0.00	66.77 3.12 0.00	62.13 2.80 0.00
RAVENSWOOD_GT3_2 24249	83.87 2.64 0.00	83.88 2.46 0.00	51.14 1.37 0.00	55.94 1.36 0.00	58.70 1.44 0.00	86.61 2.29 0.00	81.20 3.02 0.00	94.71 4.55 0.00	63.21 3.11 0.00	59.23 2.51 0.00	63.87 2.50 0.00	101.62 3.48 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.80 4.01 0.00	100.73 4.65 0.00	83.82 4.92 0.00	105.91 7.24 -0.15	96.97 6.49 -3.42	58.13 4.24 0.00	64.55 4.24 0.00	53.03 3.14 0.00	66.77 3.12 0.00	62.13 2.80 0.00
RAVENSWOOD_GT3_3 24250	83.98 2.74 0.00	83.99 2.57 0.00	51.20 1.43 0.00	56.03 1.44 0.00	58.78 1.52 0.00	86.75 2.43 0.00	81.32 3.14 0.00	94.86 4.71 0.00	63.32 3.21 0.00	59.32 2.60 0.00	63.99 2.62 0.00	101.80 3.66 0.00	109.12 3.69 0.00	99.34 3.78 0.00	102.99 4.19 0.00	100.91 4.84 0.00	83.97 5.06 0.00	106.08 7.41 -0.15	97.10 6.63 -3.42	58.22 4.33 0.00	64.63 4.33 0.00	53.11 3.21 0.00	66.88 3.24 0.00	62.22 2.89 0.00
RAVENSWOOD_GT3_4 24251	83.98 2.74 0.00	83.99 2.57 0.00	51.20 1.43 0.00	56.03 1.44 0.00	58.78 1.52 0.00	86.75 2.43 0.00	81.32 3.14 0.00	94.86 4.71 0.00	63.32 3.21 0.00	59.32 2.60 0.00	63.99 2.62 0.00	101.80 3.66 0.00	109.12 3.69 0.00	99.34 3.78 0.00	102.99 4.19 0.00	100.91 4.84 0.00	83.97 5.06 0.00	106.08 7.41 -0.15	97.10 6.63 -3.42	58.22 4.33 0.00	64.63 4.33 0.00	53.11 3.21 0.00	66.88 3.24 0.00	62.22 2.89 0.00
RAVENSWOOD_GT_1 23729	83.97 2.73 0.00	83.97 2.55 0.00	51.19 1.42 0.00	55.98 1.39 0.00	58.73 1.47 0.00	86.75 2.43 0.00	81.35 3.18 0.00	94.81 4.65 0.00	63.28 3.17 0.00	59.30 2.58 0.00	63.99 2.62 0.00	101.77 3.62 0.00	109.09 3.65 0.00	99.33 3.76 0.00	102.98 4.18 0.00	100.88 4.81 0.00	83.98 5.07 0.00	108.36 7.49 -2.35	101.25 6.67 -7.52	84.67 4.40 -26.38	66.24 4.39 -1.55	54.28 3.30 -1.09	67.24 3.26 -0.33	62.20 2.86 -0.01
RAVENSWOOD_GT_10 24258	83.90 2.66 0.00	83.91 2.49 0.00	51.15 1.38 0.00	55.97 1.38 0.00	58.71 1.45 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.22 3.11 0.00	59.24 2.52 0.00	63.88 2.50 0.00	101.66 3.52 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.82 4.02 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.92 7.25 -0.15	97.37 6.50 -3.81	60.95 4.24 -2.81	64.58 4.24 -0.03	53.17 3.15 -0.13	66.82 3.13 -0.04	62.14 2.80 0.00
RAVENSWOOD_GT_11 24259	83.90 2.66 0.00	83.91 2.49 0.00	51.15 1.38 0.00	55.97 1.38 0.00	58.71 1.45 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.22 3.11 0.00	59.24 2.52 0.00	63.88 2.50 0.00	101.66 3.52 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.82 4.02 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.92 7.25 -0.15	97.37 6.50 -3.81	60.95 4.24 -2.81	64.58 4.24 -0.03	53.17 3.15 -0.13	66.82 3.13 -0.04	62.14 2.80 0.00
RAVENSWOOD_GT_4 24252	83.90 2.66 0.00	83.91 2.49 0.00	51.16 1.39 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.75 4.60 0.00	63.23 3.12 0.00	59.25 2.53 0.00	63.90 2.52 0.00	101.66 3.52 0.00	108.96 3.53 0.00	99.24 3.67 0.00	102.84 4.04 0.00	100.75 4.67 0.00	83.84 4.94 0.00	105.92 7.25 -0.15	99.36 6.51 -5.80	75.08 4.24 -16.95	64.73 4.25 -0.18	53.84 3.13 -0.81	67.04 3.14 -0.25	62.15 2.81 -0.01
RAVENSWOOD_GT_5 24254	83.90 2.66 0.00	83.91 2.49 0.00	51.16 1.39 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.75 4.60 0.00	63.23 3.12 0.00	59.25 2.53 0.00	63.90 2.52 0.00	101.66 3.52 0.00	108.96 3.53 0.00	99.24 3.67 0.00	102.84 4.04 0.00	100.75 4.67 0.00	83.84 4.94 0.00	105.92 7.25 -0.15	99.36 6.51 -5.80	75.08 4.24 -16.95	64.73 4.25 -0.18	53.84 3.13 -0.81	67.04 3.14 -0.25	62.15 2.81 -0.01
RAVENSWOOD_GT_6 24253	83.90 2.66 0.00	83.91 2.49 0.00	51.16 1.39 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.75 4.60 0.00	63.23 3.12 0.00	59.25 2.53 0.00	63.90 2.52 0.00	101.66 3.52 0.00	108.96 3.53 0.00	99.24 3.67 0.00	102.84 4.04 0.00	100.75 4.67 0.00	83.84 4.94 0.00	105.92 7.25 -0.15	99.36 6.51 -5.80	75.08 4.24 -16.95	64.73 4.25 -0.18	53.84 3.13 -0.81	67.04 3.14 -0.25	62.15 2.81 -0.01
RAVENSWOOD_GT_7 24255	83.90 2.66 0.00	83.91 2.49 0.00	51.16 1.39 0.00	55.98 1.39 0.00	58.72 1.46 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.75 4.60 0.00	63.23 3.12 0.00	59.25 2.53 0.00	63.90 2.52 0.00	101.66 3.52 0.00	108.96 3.53 0.00	99.24 3.67 0.00	102.84 4.04 0.00	100.75 4.67 0.00	83.84 4.94 0.00	105.92 7.25 -0.15	99.36 6.51 -5.80	75.08 4.24 -16.95	64.73 4.25 -0.18	53.84 3.13 -0.81	67.04 3.14 -0.25	62.15 2.81 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	83.90 2.66 0.00	83.91 2.49 0.00	51.15 1.38 0.00	55.97 1.38 0.00	58.71 1.45 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.22 3.11 0.00	59.24 2.52 0.00	63.88 2.50 0.00	101.66 3.52 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.82 4.02 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.92 7.25 -0.15	97.37 6.50 -3.81	60.95 4.24 -2.81	64.58 4.24 -0.03	53.17 3.15 -0.13	66.82 3.13 -0.04	62.14 2.80 0.00

RAVENSWOOD_GT_9 24257	83.90 2.66 0.00	83.91 2.49 0.00	51.15 1.38 0.00	55.97 1.38 0.00	58.71 1.45 0.00	86.66 2.34 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.22 3.11 0.00	59.24 2.52 0.00	63.88 2.50 0.00	101.66 3.52 0.00	108.95 3.52 0.00	99.19 3.62 0.00	102.82 4.02 0.00	100.73 4.65 0.00	83.83 4.93 0.00	105.92 7.25 -0.15	97.37 6.50 -3.81	60.95 4.24 -2.81	64.58 4.24 -0.03	53.17 3.15 -0.13	66.82 3.13 -0.04	62.14 2.80 0.00
RAVENSWOOD___1 23533	83.81 2.57 0.00	83.81 2.39 0.00	51.09 1.32 0.00	55.87 1.29 0.00	58.61 1.36 0.00	86.57 2.25 0.00	81.19 3.01 0.00	94.61 4.45 0.00	63.15 3.04 0.00	59.18 2.46 0.00	63.83 2.46 0.00	101.51 3.36 0.00	108.83 3.39 0.00	99.10 3.53 0.00	102.72 3.93 0.00	100.63 4.56 0.00	83.77 4.87 0.00	105.91 7.24 -0.15	93.79 6.46 -0.28	35.84 4.28 22.33	64.33 4.26 0.23	51.99 3.17 1.07	66.42 3.10 0.33	62.06 2.75 0.01
RAVENSWOOD___2 23534	83.81 2.57 0.00	83.81 2.39 0.00	51.09 1.32 0.00	55.87 1.29 0.00	58.61 1.36 0.00	86.57 2.25 0.00	81.19 3.01 0.00	94.61 4.45 0.00	63.15 3.04 0.00	59.18 2.46 0.00	63.83 2.46 0.00	101.51 3.36 0.00	108.83 3.39 0.00	99.10 3.53 0.00	102.72 3.93 0.00	100.63 4.56 0.00	83.77 4.87 0.00	105.91 7.24 -0.15	93.79 6.46 -0.28	35.84 4.28 22.33	64.33 4.26 0.23	51.99 3.17 1.07	66.42 3.10 0.33	62.06 2.75 0.01
RAVENSWOOD___3 23535	83.89 2.66 0.00	83.90 2.47 0.00	51.15 1.38 0.00	55.95 1.37 0.00	58.71 1.45 0.00	86.64 2.32 0.00	81.20 3.02 0.00	94.73 4.57 0.00	63.21 3.10 0.00	59.24 2.52 0.00	63.88 2.50 0.00	101.63 3.49 0.00	108.94 3.51 0.00	99.19 3.62 0.00	102.81 4.02 0.00	100.72 4.65 0.00	83.84 4.94 0.00	105.92 7.24 -0.15	96.98 6.50 -3.42	58.14 4.25 0.00	64.55 4.24 0.00	53.04 3.14 0.00	66.77 3.13 0.00	62.13 2.80 0.00
RAVENSWOOD___4 23820	83.81 2.57 0.00	83.81 2.39 0.00	51.09 1.32 0.00	55.87 1.29 0.00	58.61 1.36 0.00	86.57 2.25 0.00	81.19 3.01 0.00	94.61 4.45 0.00	63.15 3.04 0.00	59.18 2.46 0.00	63.83 2.46 0.00	101.51 3.36 0.00	108.83 3.39 0.00	99.10 3.53 0.00	102.72 3.93 0.00	100.63 4.56 0.00	83.77 4.87 0.00	105.91 7.24 -0.15	93.79 6.46 -0.28	35.84 4.28 22.33	64.33 4.26 0.23	51.99 3.17 1.07	66.42 3.10 0.33	62.06 2.75 0.01
RCPL_TRUST___DRP 24196	84.02 2.78 0.00	84.04 2.62 0.00	51.22 1.45 0.00	56.04 1.45 0.00	58.78 1.52 0.00	86.77 2.45 0.00	81.34 3.17 0.00	95.04 4.88 0.00	63.45 3.35 0.00	59.47 2.75 0.00	64.12 2.75 0.00	102.02 3.87 0.00	109.36 3.93 0.00	99.56 3.99 0.00	103.19 4.40 0.00	101.10 5.03 0.00	84.11 5.21 0.00	106.25 7.58 -0.15	97.24 6.77 -3.42	58.27 4.38 0.00	64.70 4.39 0.00	53.16 3.27 0.00	66.95 3.31 0.00	62.27 2.94 0.00
RED___ROCHESTER 323720	77.45 -3.62 0.17	77.78 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.29 -2.03 0.00	75.67 -2.51 0.00	87.02 -3.14 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.29 -2.61 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.44 -1.45 0.00	58.50 -1.81 0.00	48.37 -1.53 0.00	61.24 -2.40 0.00	56.83 -2.50 0.00
REGAN___SOLAR 323812	86.36 5.13 0.00	86.48 5.06 0.00	52.81 3.05 0.00	57.90 3.31 0.00	60.91 3.65 0.00	89.82 5.50 0.00	83.76 5.58 0.00	96.98 6.82 0.00	64.26 4.15 0.00	59.61 2.89 0.00	63.04 1.67 0.00	101.77 3.63 0.00	109.71 4.28 0.00	97.98 2.41 0.00	102.31 3.52 0.00	101.33 5.26 0.00	84.67 5.76 0.00	108.70 8.57 -1.61	99.35 7.67 -4.62	58.68 4.79 0.00	65.47 5.16 0.00	54.02 4.12 0.00	68.47 4.83 0.00	63.67 4.34 0.00
RENSSELAER___COGEN 23796	83.42 2.18 0.00	83.57 2.15 0.00	51.03 1.26 0.00	56.01 1.42 0.00	58.76 1.50 0.00	86.02 1.70 0.00	79.90 1.72 0.00	92.37 2.22 0.00	61.66 1.55 0.00	58.00 1.28 0.00	62.55 1.18 0.00	99.59 1.44 0.00	106.93 1.50 0.00	97.50 1.94 0.00	100.73 1.94 0.00	97.90 1.83 0.00	80.76 1.86 0.00	102.05 2.78 -0.76	93.74 2.51 -4.16	55.34 1.45 0.00	61.70 1.39 0.00	51.09 1.20 0.00	64.95 1.30 0.00	61.08 1.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	90.86 9.62 0.00	90.75 9.33 0.00	55.37 5.61 0.00	60.80 6.21 0.00	64.03 6.77 0.00	93.69 9.36 0.00	88.58 10.41 0.00	103.51 13.35 0.00	69.19 9.09 0.00	64.29 7.57 0.00	69.65 8.27 0.00	109.76 11.61 0.00	116.90 11.46 0.00	106.65 11.08 0.00	110.67 11.87 0.00	109.83 13.76 0.00	91.33 12.43 0.00	118.41 18.27 -1.62	106.99 15.62 -4.31	63.78 9.88 0.00	70.58 10.27 0.00	57.80 7.90 0.00	73.05 9.41 0.00	68.00 8.68 0.00
REVERE_CPWR_DRP 24186	84.10 2.86 0.00	84.01 2.59 0.00	51.34 1.58 0.00	56.48 1.89 0.00	59.39 2.13 0.00	87.85 3.53 0.00	82.07 3.89 0.00	94.92 4.76 0.00	63.28 3.18 0.00	59.47 2.75 0.00	63.93 2.55 0.00	102.51 4.37 0.00	109.85 4.41 0.00	99.31 3.74 0.00	102.94 4.14 0.00	100.68 4.61 0.00	83.18 4.27 0.00	104.30 5.78 0.00	92.38 5.12 -0.20	57.12 3.23 0.00	63.72 3.41 0.00	52.56 2.67 0.00	66.67 3.03 0.00	61.91 2.58 0.00
REYNOLDS_115KV_TB3 80639	84.05 2.81 0.00	84.08 2.66 0.00	51.35 1.58 0.00	56.41 1.82 0.00	59.19 1.93 0.00	86.45 2.13 0.00	80.37 2.19 0.00	93.27 3.11 0.00	62.22 2.11 0.00	58.48 1.76 0.00	63.23 1.86 0.00	100.78 2.63 0.00	108.16 2.73 0.00	98.65 3.08 0.00	102.05 3.26 0.00	99.45 3.38 0.00	82.12 3.22 0.00	104.19 4.68 -0.99	95.41 4.18 -4.17	56.29 2.40 0.00	62.79 2.48 0.00	51.98 2.08 0.00	65.99 2.35 0.00	61.75 2.42 0.00
RIVERBAY____ 323610	84.04 2.80 0.00	84.09 2.66 0.00	51.29 1.52 0.00	56.17 1.59 0.00	59.00 1.74 0.00	87.11 2.79 0.00	81.70 3.52 0.00	94.56 4.41 0.00	63.25 3.15 0.00	59.24 2.52 0.00	63.92 2.55 0.00	101.66 3.51 0.00	109.00 3.57 0.00	99.11 3.55 0.00	102.68 3.88 0.00	100.61 4.54 0.00	83.82 4.92 0.00	105.99 7.32 -0.15	97.02 6.54 -3.42	58.19 4.29 0.00	64.62 4.31 0.00	53.11 3.21 0.00	66.80 3.16 0.00	62.19 2.86 0.00
RIVERSIDE_115KV_TB3 55908	83.76 2.53 0.00	83.87 2.45 0.00	51.21 1.44 0.00	56.23 1.64 0.00	58.99 1.74 0.00	86.33 2.01 0.00	80.24 2.06 0.00	92.89 2.73 0.00	61.99 1.89 0.00	58.30 1.58 0.00	62.91 1.54 0.00	100.22 2.07 0.00	107.64 2.21 0.00	98.14 2.57 0.00	101.41 2.61 0.00	98.66 2.59 0.00	81.42 2.52 0.00	103.08 3.66 -0.90	94.52 3.28 -4.18	55.79 1.89 0.00	62.20 1.89 0.00	51.50 1.61 0.00	65.41 1.77 0.00	61.38 2.06 0.00
ROARING___BROOK_WT_PWR 323790	81.64 0.40 0.00	81.72 0.30 0.00	49.86 0.09 0.00	54.75 0.16 0.00	57.49 0.23 0.00	84.55 0.23 0.00	78.34 0.16 0.00	90.13 -0.03 0.00	59.94 -0.17 0.00	56.55 -0.17 0.00	60.99 -0.38 0.00	97.93 -0.22 0.00	105.34 -0.09 0.00	94.84 -0.73 0.00	98.17 -0.63 0.00	95.39 -0.68 0.00	78.34 -0.56 0.00	97.55 -0.96 0.00	86.23 -0.83 0.00	53.37 -0.52 0.00	59.96 -0.35 0.00	49.72 -0.18 0.00	63.68 0.03 0.00	59.33 0.00 0.00

ROCHESRG_115KV_T4 355643	76.72 -4.52 0.00	76.90 -4.53 0.00	47.19 -2.58 0.00	51.78 -2.81 0.00	54.47 -2.79 0.00	81.30 -3.02 0.00	74.72 -3.46 0.00	85.84 -4.32 0.00	57.72 -2.39 0.00	54.75 -1.97 0.00	58.85 -2.52 0.00	93.88 -4.27 0.00	100.68 -4.75 0.00	91.02 -4.55 0.00	94.25 -4.55 0.00	91.88 -4.19 0.00	75.20 -3.71 0.00	94.00 -4.52 0.00	83.66 -3.87 -0.48	51.61 -2.29 0.00	57.62 -2.69 0.00	47.64 -2.25 0.00	60.41 -3.24 0.00	56.12 -3.21 0.00
ROCHESTER_9_IC 23652	77.19 -4.04 0.00	77.37 -4.06 0.00	47.47 -2.30 0.00	52.09 -2.50 0.00	54.81 -2.45 0.00	81.82 -2.50 0.00	75.24 -2.93 0.00	86.47 -3.69 0.00	58.18 -1.93 0.00	55.15 -1.57 0.00	59.29 -2.08 0.00	94.58 -3.56 0.00	101.42 -4.01 0.00	91.71 -3.86 0.00	94.99 -3.81 0.00	92.59 -3.48 0.00	75.81 -3.09 0.00	94.79 -3.73 0.00	84.37 -3.17 -0.48	52.03 -1.86 0.00	58.08 -2.22 0.00	48.02 -1.88 0.00	60.84 -2.81 0.00	56.49 -2.84 0.00
ROCKVIEW_13_KV_LD 356306	84.05 2.81 0.00	84.08 2.66 0.00	51.24 1.47 0.00	56.07 1.48 0.00	58.82 1.56 0.00	86.77 2.45 0.00	81.30 3.13 0.00	94.92 4.76 0.00	63.37 3.26 0.00	59.35 2.63 0.00	64.06 2.68 0.00	101.95 3.80 0.00	109.26 3.83 0.00	99.46 3.89 0.00	103.14 4.34 0.00	101.00 4.93 0.00	84.01 5.11 0.00	106.18 7.51 -0.15	97.26 6.78 -3.42	58.30 4.41 0.00	64.74 4.43 0.00	53.20 3.31 0.00	67.03 3.39 0.00	62.36 3.03 0.00
ROME____115KV_TB2 80656	84.10 2.86 0.00	84.01 2.59 0.00	51.34 1.58 0.00	56.48 1.89 0.00	59.39 2.13 0.00	87.85 3.53 0.00	82.07 3.89 0.00	94.92 4.76 0.00	63.28 3.18 0.00	59.47 2.75 0.00	63.93 2.55 0.00	102.51 4.37 0.00	109.85 4.41 0.00	99.31 3.74 0.00	102.94 4.14 0.00	100.68 4.61 0.00	83.18 4.27 0.00	104.30 5.78 0.00	92.38 5.12 -0.20	57.12 3.23 0.00	63.72 3.41 0.00	52.56 2.67 0.00	66.67 3.03 0.00	61.91 2.58 0.00
ROSETON___1 23587	83.46 2.22 0.00	83.59 2.16 0.00	50.97 1.20 0.00	55.82 1.24 0.00	58.56 1.30 0.00	86.19 1.87 0.00	80.56 2.39 0.00	93.84 3.68 0.00	62.61 2.51 0.00	58.66 1.94 0.00	63.37 2.00 0.00	100.93 2.78 0.00	108.19 2.76 0.00	98.45 2.88 0.00	102.09 3.29 0.00	99.86 3.79 0.00	82.89 3.99 0.00	104.65 5.98 -0.15	95.85 5.37 -3.42	57.35 3.46 0.00	63.76 3.46 0.00	52.48 2.59 0.00	66.29 2.65 0.00	61.74 2.41 0.00
ROSETON___2 23588	83.46 2.22 0.00	83.59 2.16 0.00	50.97 1.20 0.00	55.82 1.24 0.00	58.56 1.30 0.00	86.19 1.87 0.00	80.56 2.39 0.00	93.84 3.68 0.00	62.61 2.51 0.00	58.66 1.94 0.00	63.37 2.00 0.00	100.93 2.78 0.00	108.19 2.76 0.00	98.45 2.88 0.00	102.09 3.29 0.00	99.86 3.79 0.00	82.89 3.99 0.00	104.65 5.98 -0.15	95.85 5.37 -3.42	57.35 3.46 0.00	63.76 3.46 0.00	52.48 2.59 0.00	66.29 2.65 0.00	61.74 2.41 0.00
ROTTRDAM_115KV_TB3 80664	83.72 2.48 0.00	83.90 2.48 0.00	51.24 1.47 0.00	56.21 1.62 0.00	59.00 1.74 0.00	86.62 2.30 0.00	80.57 2.39 0.00	93.42 3.26 0.00	62.28 2.17 0.00	58.46 1.73 0.00	63.08 1.71 0.00	100.75 2.60 0.00	108.23 2.79 0.00	98.16 2.60 0.00	101.74 2.94 0.00	99.33 3.26 0.00	82.16 3.27 0.00	105.00 4.71 -1.77	95.62 4.20 -4.36	56.49 2.60 0.00	62.99 2.68 0.00	52.01 2.12 0.00	66.02 2.37 0.00	61.57 2.24 0.00
RUSSELL___1 23602	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
RUSSELL___2 23532	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
RUSSELL___3 23549	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
RUSSELL___4 23556	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
RUSSELL___STATION 23914	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
S SALMON___HYD 24043	79.57 -1.67 0.00	79.28 -2.14 0.00	48.42 -1.35 0.00	53.35 -1.24 0.00	56.11 -1.15 0.00	83.05 -1.27 0.00	77.45 -0.72 0.00	89.13 -1.03 0.00	59.44 -0.67 0.00	55.77 -0.96 0.00	59.95 -1.43 0.00	96.48 -1.66 0.00	103.31 -2.12 0.00	93.36 -2.21 0.00	96.48 -2.32 0.00	94.64 -1.43 0.00	78.01 -0.89 0.00	98.07 -0.44 0.00	87.04 -0.32 -0.30	53.81 -0.08 0.00	60.13 -0.18 0.00	49.68 -0.21 0.00	63.01 -0.63 0.00	58.52 -0.80 0.00
S.PERRY___115KV_TB1 80734	77.32 -3.91 0.00	77.49 -3.94 0.00	47.70 -2.07 0.00	52.30 -2.29 0.00	55.08 -2.18 0.00	82.25 -2.07 0.00	76.01 -2.17 0.00	87.49 -2.67 0.00	58.99 -1.12 0.00	55.63 -1.09 0.00	58.30 -3.08 0.00	93.03 -5.12 0.00	99.53 -5.90 0.00	89.89 -5.67 0.00	93.24 -5.56 0.00	91.33 -4.75 0.00	75.55 -3.36 0.00	95.33 -3.19 0.00	85.30 -2.41 -0.66	52.78 -1.12 0.00	58.75 -1.56 0.00	48.50 -1.40 0.00	61.36 -2.29 0.00	56.93 -2.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	75.11 -6.13 0.00	75.31 -6.11 0.00	46.37 -3.40 0.00	50.87 -3.72 0.00	53.53 -3.73 0.00	80.37 -3.95 0.00	73.11 -5.07 0.00	83.50 -6.66 0.00	56.52 -3.59 0.00	53.92 -2.80 0.00	57.66 -3.71 0.00	91.82 -6.33 0.00	98.19 -7.24 0.00	88.56 -7.01 0.00	91.70 -7.09 0.00	89.32 -6.75 0.00	72.77 -6.13 0.00	90.63 -7.89 0.00	80.86 -6.80 -0.60	49.89 -4.00 0.00	55.78 -4.53 0.00	46.27 -3.62 0.00	58.71 -4.93 0.00	54.58 -4.75 0.00

SAWYER___23_KV_LOAD 55526	75.11 -6.13 0.00	75.31 -6.11 0.00	46.37 -3.40 0.00	50.87 -3.72 0.00	53.53 -3.73 0.00	80.37 -3.95 0.00	73.11 -5.07 0.00	83.50 -6.66 0.00	56.52 -3.59 0.00	53.92 -2.80 0.00	57.66 -3.71 0.00	91.82 -6.33 0.00	98.19 -7.24 0.00	88.56 -7.01 0.00	91.70 -7.09 0.00	89.32 -6.75 0.00	72.77 -6.13 0.00	90.63 -7.89 0.00	80.86 -6.80 -0.60	49.89 -4.00 0.00	55.78 -4.53 0.00	46.27 -3.62 0.00	58.71 -4.93 0.00	54.58 -4.75 0.00
SELKIRK___I 23801	85.86 4.62 0.00	86.23 4.81 0.00	52.72 2.95 0.00	57.88 3.29 0.00	60.77 3.51 0.00	89.03 4.71 0.00	82.66 4.48 0.00	95.47 5.31 0.00	63.58 3.47 0.00	59.37 2.64 0.00	63.57 2.20 0.00	100.82 2.67 0.00	108.45 3.02 0.00	99.18 3.61 0.00	102.10 3.30 0.00	99.99 3.92 0.00	83.35 4.45 0.00	105.53 6.41 -0.60	96.87 5.74 -4.07	57.26 3.37 0.00	63.82 3.51 0.00	52.84 2.95 0.00	67.20 3.56 0.00	63.22 3.89 0.00
SELKIRK___II 23799	83.41 2.17 0.00	83.62 2.20 0.00	51.06 1.29 0.00	56.04 1.45 0.00	58.79 1.53 0.00	86.11 1.79 0.00	80.02 1.84 0.00	92.60 2.44 0.00	61.79 1.69 0.00	58.07 1.35 0.00	62.66 1.29 0.00	99.87 1.73 0.00	107.26 1.83 0.00	97.70 2.13 0.00	101.03 2.23 0.00	98.31 2.24 0.00	81.17 2.27 0.00	102.50 3.39 -0.59	94.25 3.05 -4.14	55.71 1.81 0.00	62.11 1.81 0.00	51.38 1.49 0.00	65.27 1.63 0.00	61.21 1.88 0.00
SENECA OSWGO___HYD 24041	77.86 -3.38 0.00	77.99 -3.43 0.00	47.69 -2.08 0.00	52.32 -2.27 0.00	54.96 -2.30 0.00	81.28 -3.04 0.00	75.48 -2.70 0.00	87.18 -2.98 0.00	58.28 -1.83 0.00	54.89 -1.83 0.00	59.25 -2.12 0.00	94.63 -3.52 0.00	101.62 -3.81 0.00	92.12 -3.45 0.00	95.38 -3.42 0.00	92.98 -3.09 0.00	76.49 -2.41 0.00	95.97 -2.55 0.00	85.21 -2.19 -0.34	52.59 -1.30 0.00	58.66 -1.65 0.00	48.41 -1.49 0.00	61.44 -2.21 0.00	57.15 -2.18 0.00
SENECA___115KV_TB3 355854	76.24 -5.00 0.00	76.45 -4.97 0.00	47.07 -2.71 0.00	51.61 -2.98 0.00	54.31 -2.95 0.00	81.50 -2.82 0.00	74.36 -3.81 0.00	85.07 -5.09 0.00	57.65 -2.46 0.00	55.05 -1.67 0.00	58.63 -2.74 0.00	93.41 -4.73 0.00	99.67 -5.76 0.00	89.93 -5.64 0.00	93.18 -5.62 0.00	90.78 -5.30 0.00	73.99 -4.91 0.00	92.33 -6.19 0.00	82.37 -5.31 -0.63	50.81 -3.08 0.00	56.77 -3.54 0.00	47.07 -2.83 0.00	59.73 -3.91 0.00	55.50 -3.83 0.00
SENECA___ENERGY 23797	79.42 -1.81 0.00	79.67 -1.75 0.00	48.79 -0.97 0.00	53.56 -1.03 0.00	56.34 -0.91 0.00	83.51 -0.81 0.00	77.87 -0.31 0.00	89.75 0.04 0.00	60.15 0.04 0.00	56.49 -0.23 0.00	60.96 -0.41 0.00	96.68 -1.46 0.00	103.08 -2.35 0.00	93.73 -1.84 0.00	97.14 -1.66 0.00	94.92 -1.16 0.00	78.46 -0.44 0.00	98.67 0.15 0.00	87.68 0.08 -0.54	54.37 0.48 0.00	60.45 0.15 0.00	49.83 -0.06 0.00	63.18 -0.47 0.00	58.79 -0.54 0.00
SHOEMAKER___GT 23640	83.14 1.90 0.00	83.27 1.84 0.00	50.78 1.01 0.00	55.61 1.02 0.00	58.35 1.09 0.00	85.96 1.64 0.00	80.32 2.14 0.00	93.44 3.28 0.00	62.33 2.22 0.00	58.40 1.67 0.00	62.97 1.60 0.00	100.14 1.99 0.00	107.32 1.88 0.00	97.61 2.04 0.00	101.32 2.52 0.00	99.16 3.09 0.00	82.29 3.39 0.00	103.93 5.27 -0.14	94.95 4.77 -3.12	56.95 3.06 0.00	63.37 3.06 0.00	52.17 2.27 0.00	65.96 2.32 0.00	61.41 2.08 0.00
SHOEMAKR_138KV_BK 111 55601	83.06 1.82 0.00	83.19 1.76 0.00	50.73 0.96 0.00	55.56 0.97 0.00	58.29 1.03 0.00	85.87 1.55 0.00	80.24 2.06 0.00	93.36 3.20 0.00	62.27 2.16 0.00	58.36 1.64 0.00	62.96 1.58 0.00	100.15 2.01 0.00	107.34 1.91 0.00	97.65 2.08 0.00	101.31 2.52 0.00	99.12 3.04 0.00	82.27 3.37 0.00	103.88 5.22 -0.14	94.86 4.70 -3.10	56.93 3.03 0.00	63.33 3.02 0.00	52.15 2.25 0.00	65.92 2.27 0.00	61.36 2.03 0.00
SHOREHAM_IC_1 23715	85.65 4.41 0.00	85.64 4.22 0.00	51.90 2.14 0.00	56.86 2.27 0.00	59.73 2.47 0.00	88.56 4.24 0.00	83.68 5.50 0.00	97.37 7.21 0.00	64.58 4.48 0.00	59.89 3.17 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.74 4.31 0.00	100.26 4.69 0.00	103.71 4.92 0.00	102.20 6.13 0.00	85.80 6.90 0.00	108.64 9.97 -0.15	99.50 9.02 -3.42	69.19 5.58 -9.72	65.66 5.35 0.00	53.88 3.93 -0.05	67.85 4.19 -0.02	68.06 4.02 -4.71
SHOREHAM_IC_2 23716	85.65 4.41 0.00	85.64 4.22 0.00	51.90 2.14 0.00	56.86 2.27 0.00	59.73 2.47 0.00	88.56 4.24 0.00	83.68 5.50 0.00	97.37 7.21 0.00	64.58 4.48 0.00	59.89 3.17 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.74 4.31 0.00	100.26 4.69 0.00	103.71 4.92 0.00	102.20 6.13 0.00	85.80 6.90 0.00	108.64 9.97 -0.15	99.50 9.02 -3.42	69.19 5.58 -9.72	65.66 5.35 0.00	53.88 3.93 -0.05	67.85 4.19 -0.02	68.06 4.02 -4.71
SISSONVILLE___ 23735	83.23 1.99 0.00	83.20 1.78 0.00	50.88 1.11 0.00	56.07 1.48 0.00	58.25 0.99 0.00	85.31 0.99 0.00	78.96 0.79 0.00	90.45 0.28 0.00	59.96 -0.15 0.00	57.28 0.56 0.00	62.12 0.75 0.00	100.00 1.85 0.00	108.20 2.77 0.00	96.86 1.29 0.00	99.60 0.80 0.00	95.90 -0.17 0.00	77.95 -0.95 0.00	96.22 -2.30 0.00	84.62 -2.49 -0.06	52.45 -1.44 0.00	59.43 -0.88 0.00	49.62 -0.27 0.00	64.41 0.77 0.00	60.23 0.90 0.00
SITHE_IND_GS1 24169	77.24 -3.99 0.00	77.42 -4.00 0.00	47.36 -2.41 0.00	51.96 -2.63 0.00	54.56 -2.70 0.00	80.57 -3.75 0.00	74.73 -3.45 0.00	86.23 -3.93 0.00	57.62 -2.49 0.00	54.30 -2.42 0.00	58.64 -2.74 0.00	93.70 -4.44 0.00	100.58 -4.85 0.00	91.17 -4.40 0.00	94.37 -4.43 0.00	91.93 -4.15 0.00	75.58 -3.32 0.00	94.66 -3.86 0.00	83.95 -3.38 -0.28	51.84 -2.05 0.00	57.88 -2.43 0.00	47.83 -2.07 0.00	60.77 -2.88 0.00	56.61 -2.72 0.00
SITHE_IND_GS2 24170	77.24 -3.99 0.00	77.42 -4.00 0.00	47.36 -2.41 0.00	51.96 -2.63 0.00	54.56 -2.70 0.00	80.57 -3.75 0.00	74.73 -3.45 0.00	86.23 -3.93 0.00	57.62 -2.49 0.00	54.30 -2.42 0.00	58.64 -2.74 0.00	93.70 -4.44 0.00	100.58 -4.85 0.00	91.17 -4.40 0.00	94.37 -4.43 0.00	91.93 -4.15 0.00	75.58 -3.32 0.00	94.66 -3.86 0.00	83.95 -3.38 -0.28	51.84 -2.05 0.00	57.88 -2.43 0.00	47.83 -2.07 0.00	60.77 -2.88 0.00	56.61 -2.72 0.00
SITHE_IND_GS3 24171	77.24 -3.99 0.00	77.42 -4.00 0.00	47.36 -2.41 0.00	51.96 -2.63 0.00	54.56 -2.70 0.00	80.57 -3.75 0.00	74.73 -3.45 0.00	86.23 -3.93 0.00	57.62 -2.49 0.00	54.30 -2.42 0.00	58.64 -2.74 0.00	93.70 -4.44 0.00	100.58 -4.85 0.00	91.17 -4.40 0.00	94.37 -4.43 0.00	91.93 -4.15 0.00	75.58 -3.32 0.00	94.66 -3.86 0.00	83.95 -3.38 -0.28	51.84 -2.05 0.00	57.88 -2.43 0.00	47.83 -2.07 0.00	60.77 -2.88 0.00	56.61 -2.72 0.00
SITHE_IND_GS4 24172	77.24 -3.99 0.00	77.42 -4.00 0.00	47.36 -2.41 0.00	51.96 -2.63 0.00	54.56 -2.70 0.00	80.57 -3.75 0.00	74.73 -3.45 0.00	86.23 -3.93 0.00	57.62 -2.49 0.00	54.30 -2.42 0.00	58.64 -2.74 0.00	93.70 -4.44 0.00	100.58 -4.85 0.00	91.17 -4.40 0.00	94.37 -4.43 0.00	91.93 -4.15 0.00	75.58 -3.32 0.00	94.66 -3.86 0.00	83.95 -3.38 -0.28	51.84 -2.05 0.00	57.88 -2.43 0.00	47.83 -2.07 0.00	60.77 -2.88 0.00	56.61 -2.72 0.00

SITHE___BATAVIA 24024	77.15 -3.84 0.25	77.65 -3.77 0.00	47.74 -2.03 0.00	52.41 -2.18 0.00	55.17 -2.09 0.00	82.82 -1.50 0.00	75.72 -2.46 0.00	86.90 -3.26 0.00	58.72 -1.39 0.00	55.77 -0.95 0.00	59.66 -1.72 0.00	94.98 -3.16 0.00	101.68 -3.75 0.00	91.44 -4.13 0.00	94.72 -4.07 0.00	92.66 -3.42 0.00	75.64 -3.26 0.00	94.62 -3.90 0.00	84.34 -3.26 -0.54	52.06 -1.83 0.00	58.02 -2.29 0.00	48.08 -1.82 0.00	60.78 -2.86 0.00	56.39 -2.93 0.00
SITHE___INDEPEND 23800	77.24 -4.00 0.00	77.42 -4.00 0.00	47.36 -2.41 0.00	51.96 -2.63 0.00	54.56 -2.70 0.00	80.57 -3.75 0.00	74.73 -3.45 0.00	86.22 -3.94 0.00	57.62 -2.48 0.00	54.30 -2.42 0.00	58.64 -2.73 0.00	93.70 -4.44 0.00	100.58 -4.85 0.00	91.16 -4.40 0.00	94.37 -4.43 0.00	91.92 -4.15 0.00	75.59 -3.31 0.00	94.66 -3.86 0.00	83.96 -3.38 -0.28	51.84 -2.05 0.00	57.88 -2.43 0.00	47.82 -2.08 0.00	60.77 -2.88 0.00	56.61 -2.72 0.00
SITHE___MASSENA 23902	82.92 1.68 0.00	83.06 1.64 0.00	50.83 1.06 0.00	55.92 1.33 0.00	58.31 1.05 0.00	85.85 1.53 0.00	79.23 1.06 0.00	90.75 0.59 0.00	60.22 0.11 0.00	57.36 0.64 0.00	62.28 0.90 0.00	99.98 1.84 0.00	108.15 2.72 0.00	97.06 1.49 0.00	99.90 1.10 0.00	96.55 0.48 0.00	78.56 -0.34 0.00	96.87 -1.65 0.00	85.18 -1.87 0.00	52.78 -1.12 0.00	59.72 -0.59 0.00	49.72 -0.17 0.00	64.19 0.54 0.00	59.88 0.55 0.00
SITHE___OGDNSBRG 24021	84.55 3.32 0.00	84.58 3.16 0.00	51.77 2.00 0.00	57.01 2.42 0.00	59.37 2.11 0.00	87.29 2.97 0.00	80.65 2.47 0.00	92.37 2.21 0.00	61.25 1.14 0.00	58.43 1.71 0.00	63.45 2.08 0.00	101.90 3.76 0.00	110.29 4.86 0.00	98.73 3.17 0.00	101.70 2.90 0.00	98.04 1.97 0.00	79.71 0.81 0.00	98.31 -0.21 0.00	86.44 -0.62 0.00	53.57 -0.32 0.00	60.68 0.37 0.00	50.60 0.70 0.00	65.51 1.87 0.00	61.14 1.82 0.00
SITHE___STERLING 23777	82.92 1.69 0.00	83.01 1.59 0.00	50.79 1.02 0.00	55.83 1.24 0.00	58.67 1.41 0.00	86.75 2.43 0.00	80.93 2.75 0.00	93.62 3.46 0.00	62.49 2.38 0.00	58.72 2.00 0.00	63.20 1.83 0.00	101.08 2.93 0.00	108.38 2.95 0.00	98.17 2.60 0.00	101.78 2.98 0.00	99.35 3.28 0.00	81.99 3.09 0.00	102.73 4.22 0.00	91.03 3.74 -0.23	56.26 2.36 0.00	62.74 2.43 0.00	51.76 1.87 0.00	65.69 2.04 0.00	61.05 1.72 0.00
SLEIGHT__34_KV_TB1 80719	77.74 -3.50 0.00	77.92 -3.50 0.00	47.75 -2.02 0.00	52.42 -2.17 0.00	55.14 -2.12 0.00	82.06 -2.26 0.00	75.92 -2.26 0.00	87.37 -2.79 0.00	58.61 -1.50 0.00	55.41 -1.31 0.00	59.66 -1.71 0.00	95.23 -2.92 0.00	102.14 -3.29 0.00	92.55 -3.02 0.00	95.90 -2.89 0.00	93.54 -2.53 0.00	76.77 -2.13 0.00	96.23 -2.29 0.00	85.55 -1.98 -0.47	52.79 -1.11 0.00	58.83 -1.48 0.00	48.54 -1.35 0.00	61.53 -2.12 0.00	57.22 -2.11 0.00
SOUTH CAIRO___GT 23612	87.14 5.90 0.00	87.28 5.86 0.00	53.31 3.53 0.00	58.57 3.98 0.00	61.52 4.26 0.00	90.26 5.94 0.00	83.96 5.78 0.00	97.13 6.97 0.00	64.76 4.66 0.00	60.36 3.64 0.00	64.73 3.35 0.00	102.16 4.01 0.00	109.73 4.30 0.00	100.48 4.91 0.00	104.88 6.09 0.00	101.99 5.92 0.00	85.17 6.27 0.00	108.43 9.37 -0.54	99.47 8.44 -3.97	58.91 5.02 0.00	65.55 5.24 0.00	54.14 4.24 0.00	68.72 5.08 0.00	64.58 5.25 0.00
SOUTH HAMPTN___IC 23720	85.37 4.13 0.00	85.35 3.93 0.00	51.74 1.97 0.00	56.67 2.09 0.00	59.55 2.29 0.00	88.38 4.06 0.00	84.06 5.88 0.00	97.72 7.56 0.00	64.79 4.68 0.00	60.05 3.33 0.00	64.78 3.41 0.00	102.35 4.20 0.00	109.55 4.12 0.00	99.89 4.32 0.00	103.33 4.53 0.00	101.98 5.90 0.00	85.61 6.71 0.00	108.27 9.60 -0.15	99.47 9.00 -3.42	69.30 5.69 -9.72	65.81 5.50 0.00	53.99 4.04 -0.05	67.99 4.33 -0.02	68.18 4.20 -4.65
SOUTHDOW_115KV_TB1 355954	77.94 -3.30 0.00	78.13 -3.29 0.00	48.05 -1.72 0.00	52.72 -1.87 0.00	55.48 -1.78 0.00	83.30 -1.02 0.00	76.51 -1.67 0.00	87.93 -2.23 0.00	59.24 -0.86 0.00	57.64 0.92 0.00	60.77 -0.60 0.00	97.17 -0.97 0.00	103.20 -2.23 0.00	93.00 -2.57 0.00	96.28 -2.52 0.00	93.73 -2.34 0.00	76.59 -2.31 0.00	96.08 -2.48 -0.04	85.65 -2.08 -0.67	52.90 -0.99 0.00	58.91 -1.40 0.00	48.79 -1.11 0.00	61.87 -1.77 0.00	57.50 -1.83 0.00
SOUTHOLD_69_KV_BK 2 55809	84.78 3.54 0.00	84.75 3.33 0.00	51.39 1.62 0.00	56.29 1.70 0.00	59.20 1.94 0.00	88.02 3.70 0.00	84.77 6.59 0.00	98.46 8.30 0.00	65.19 5.09 0.00	60.31 3.59 0.00	65.25 3.87 0.00	102.40 4.25 0.00	109.04 3.61 0.00	99.23 3.66 0.00	102.50 3.70 0.00	101.32 5.25 0.00	85.09 6.19 0.00	106.23 7.56 -0.15	99.49 9.01 -3.42	69.41 5.80 -9.72	65.90 5.59 0.00	54.04 4.10 -0.05	68.11 4.45 -0.02	68.42 4.44 -4.65
SOUTHOLD___IC 23719	84.78 3.55 0.00	84.75 3.33 0.00	51.39 1.62 0.00	56.29 1.70 0.00	59.20 1.94 0.00	88.02 3.70 0.00	84.77 6.60 0.00	98.46 8.30 0.00	65.19 5.08 0.00	60.31 3.59 0.00	65.25 3.87 0.00	102.40 4.25 0.00	109.04 3.61 0.00	99.23 3.66 0.00	102.49 3.70 0.00	101.32 5.25 0.00	85.11 6.21 0.00	106.23 7.55 -0.15	99.48 9.01 -3.42	69.41 5.80 -9.72	65.91 5.60 0.00	54.04 4.10 -0.05	68.11 4.45 -0.02	68.42 4.44 -4.65
SOUTH_FORK_WT_PWR 323839	83.47 2.23 0.00	83.43 2.01 0.00	50.57 0.80 0.00	55.40 0.81 0.00	58.27 1.01 0.00	86.73 2.41 0.00	84.29 6.11 0.00	97.80 7.64 0.00	64.70 4.60 0.00	59.85 3.13 0.00	64.93 3.56 0.00	101.39 3.24 0.00	107.60 2.17 0.00	97.62 2.05 0.00	100.83 2.04 0.00	99.75 3.68 0.00	83.94 5.04 0.00	105.51 6.84 -0.15	98.13 7.66 -3.42	68.63 5.01 -9.72	65.03 4.72 0.00	53.32 3.38 -0.05	67.33 3.67 -0.02	67.80 3.82 -4.65
SPIERFLS_115KV_TB 1 80737	87.27 6.03 0.00	87.31 5.88 0.00	53.33 3.56 0.00	58.54 3.95 0.00	61.54 4.28 0.00	90.40 6.08 0.00	84.47 6.29 0.00	98.26 8.10 0.00	65.55 5.45 0.00	61.31 4.59 0.00	66.16 4.78 0.00	105.09 6.94 0.00	112.64 7.21 0.00	102.38 6.81 0.00	106.10 7.31 0.00	104.13 8.05 0.00	86.43 7.53 0.00	110.73 10.58 -1.64	100.63 9.26 -4.32	59.61 5.72 0.00	66.30 5.99 0.00	54.70 4.81 0.00	69.30 5.65 0.00	64.63 5.30 0.00
ST LAWRENCE____ 23600	81.86 0.63 0.00	82.05 0.62 0.00	50.21 0.44 0.00	55.10 0.51 0.00	57.63 0.37 0.00	84.88 0.56 0.00	78.36 0.18 0.00	89.74 -0.42 0.00	59.59 -0.52 0.00	56.67 -0.05 0.00	61.54 0.16 0.00	98.73 0.59 0.00	106.35 0.92 0.00	95.92 0.35 0.00	98.73 -0.07 0.00	95.55 -0.52 0.00	77.83 -1.07 0.00	96.03 -2.49 0.00	84.75 -2.31 0.00	52.32 -1.57 0.00	59.11 -1.20 0.00	49.18 -0.71 0.00	63.39 -0.26 0.00	59.09 -0.24 0.00
STATE_CA_115KV_115_LB 55624	83.85 2.62 0.00	83.99 2.56 0.00	51.27 1.50 0.00	56.28 1.69 0.00	59.05 1.80 0.00	86.49 2.17 0.00	80.41 2.23 0.00	93.02 2.86 0.00	62.09 1.99 0.00	58.41 1.69 0.00	62.99 1.62 0.00	100.37 2.22 0.00	107.81 2.38 0.00	98.26 2.70 0.00	101.50 2.70 0.00	98.77 2.70 0.00	81.53 2.63 0.00	103.33 3.77 -1.05	94.62 3.36 -4.21	55.86 1.97 0.00	62.26 1.95 0.00	51.54 1.65 0.00	65.46 1.82 0.00	61.45 2.12 0.00

STATE_ST_34_KV_LOAD 55959	79.46 -1.78 0.00	79.87 -1.55 0.00	48.78 -0.99 0.00	53.65 -0.94 0.00	56.41 -0.85 0.00	83.32 -1.00 0.00	77.69 -0.49 0.00	89.38 -0.78 0.00	59.79 -0.32 0.00	56.24 -0.48 0.00	60.83 -0.54 0.00	97.11 -1.04 0.00	103.47 -1.96 0.00	94.21 -1.36 0.00	97.79 -1.01 0.00	95.38 -0.69 0.00	78.55 -0.35 0.00	98.73 0.21 0.00	87.57 0.00 -0.51	54.17 0.28 0.00	60.15 -0.16 0.00	49.61 -0.28 0.00	62.94 -0.71 0.00	58.77 -0.57 0.00
STATION 5_MISC_HYD 23604	77.01 -4.05 0.17	77.35 -4.07 0.00	47.47 -2.30 0.00	52.09 -2.49 0.00	54.81 -2.45 0.00	81.82 -2.49 0.00	75.23 -2.95 0.00	86.47 -3.69 0.00	58.18 -1.93 0.00	55.16 -1.56 0.00	59.29 -2.08 0.00	94.57 -3.57 0.00	101.43 -4.00 0.00	91.70 -3.87 0.00	94.97 -3.82 0.00	92.58 -3.49 0.00	75.78 -3.12 0.00	94.78 -3.74 0.00	84.37 -3.17 -0.48	52.04 -1.85 0.00	58.07 -2.24 0.00	48.03 -1.86 0.00	60.84 -2.80 0.00	56.49 -2.84 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	79.85 -1.39 0.00	79.97 -1.45 0.00	49.05 -0.72 0.00	53.86 -0.72 0.00	56.73 -0.53 0.00	84.68 0.36 0.00	78.48 0.30 0.00	90.32 0.16 0.00	60.62 0.52 0.00	57.36 0.64 0.00	61.76 0.39 0.00	98.33 0.18 0.00	105.57 0.14 0.00	95.70 0.12 0.00	98.94 0.14 0.00	96.56 0.48 0.00	79.30 0.40 0.00	99.35 0.83 0.00	88.37 0.84 -0.47	54.48 0.58 0.00	60.74 0.43 0.00	50.10 0.20 0.00	63.41 -0.23 0.00	58.82 -0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	76.89 -4.35 0.00	77.05 -4.37 0.00	47.26 -2.51 0.00	51.87 -2.72 0.00	54.57 -2.69 0.00	81.44 -2.88 0.00	74.95 -3.23 0.00	86.17 -3.99 0.00	57.94 -2.16 0.00	54.92 -1.81 0.00	59.03 -2.34 0.00	94.22 -3.92 0.00	101.08 -4.36 0.00	91.41 -4.16 0.00	94.64 -4.15 0.00	92.30 -3.77 0.00	75.59 -3.31 0.00	94.51 -4.01 0.00	84.11 -3.42 -0.47	51.87 -2.02 0.00	57.89 -2.42 0.00	47.84 -2.06 0.00	60.62 -3.02 0.00	56.30 -3.03 0.00
STA_56___34_KV_BUS2 355983	76.89 -4.35 0.00	77.05 -4.37 0.00	47.26 -2.51 0.00	51.87 -2.72 0.00	54.57 -2.69 0.00	81.44 -2.88 0.00	74.95 -3.23 0.00	86.17 -3.99 0.00	57.94 -2.16 0.00	54.92 -1.81 0.00	59.03 -2.34 0.00	94.22 -3.92 0.00	101.08 -4.36 0.00	91.41 -4.16 0.00	94.64 -4.15 0.00	92.30 -3.77 0.00	75.59 -3.31 0.00	94.51 -4.01 0.00	84.11 -3.42 -0.47	51.87 -2.02 0.00	57.89 -2.42 0.00	47.84 -2.06 0.00	60.62 -3.02 0.00	56.30 -3.03 0.00
STA_67___115KV_BK2 355882	77.01 -4.23 0.00	77.16 -4.26 0.00	47.36 -2.41 0.00	51.97 -2.62 0.00	54.68 -2.58 0.00	81.64 -2.68 0.00	75.05 -3.13 0.00	86.20 -3.96 0.00	58.00 -2.11 0.00	54.99 -1.73 0.00	59.11 -2.27 0.00	94.30 -3.84 0.00	101.14 -4.29 0.00	91.44 -4.13 0.00	94.69 -4.10 0.00	92.31 -3.76 0.00	75.56 -3.34 0.00	94.47 -4.05 0.00	84.09 -3.45 -0.48	51.87 -2.02 0.00	57.90 -2.41 0.00	47.87 -2.03 0.00	60.69 -2.96 0.00	56.34 -2.99 0.00
STA_7___115KV_9TRANS 80674	77.62 -3.62 0.00	77.79 -3.64 0.00	47.72 -2.05 0.00	52.37 -2.22 0.00	55.10 -2.16 0.00	82.30 -2.02 0.00	75.67 -2.51 0.00	87.02 -3.15 0.00	58.56 -1.55 0.00	55.50 -1.22 0.00	59.65 -1.73 0.00	95.19 -2.96 0.00	102.05 -3.38 0.00	92.30 -3.27 0.00	95.61 -3.19 0.00	93.20 -2.88 0.00	76.31 -2.59 0.00	95.47 -3.05 0.00	84.99 -2.55 -0.48	52.43 -1.46 0.00	58.52 -1.79 0.00	48.36 -1.54 0.00	61.24 -2.41 0.00	56.83 -2.50 0.00
STA_82___115KV_TB1 80780	77.04 -4.20 0.00	77.22 -4.20 0.00	47.38 -2.39 0.00	51.99 -2.60 0.00	54.70 -2.56 0.00	81.67 -2.65 0.00	75.10 -3.08 0.00	86.29 -3.87 0.00	58.04 -2.07 0.00	55.03 -1.69 0.00	59.14 -2.24 0.00	94.36 -3.79 0.00	101.18 -4.25 0.00	91.47 -4.10 0.00	94.73 -4.06 0.00	92.39 -3.68 0.00	75.63 -3.28 0.00	94.53 -3.99 0.00	84.17 -3.37 -0.48	51.90 -1.99 0.00	57.94 -2.37 0.00	47.90 -2.00 0.00	60.70 -2.94 0.00	56.37 -2.96 0.00
STEEL___WIND 323596	75.79 -5.10 0.35	76.36 -5.06 0.00	47.02 -2.75 0.00	51.54 -3.05 0.00	54.25 -3.01 0.00	81.38 -2.94 0.00	74.26 -3.91 0.00	84.93 -5.23 0.00	57.54 -2.56 0.00	54.96 -1.76 0.00	58.49 -2.88 0.00	93.19 -4.95 0.00	99.40 -6.03 0.00	89.71 -5.86 0.00	92.98 -5.82 0.00	90.59 -5.48 0.00	73.79 -5.11 0.00	92.18 -6.34 0.00	82.25 -5.43 -0.63	50.72 -3.17 0.00	56.69 -3.63 0.00	47.02 -2.88 0.00	59.63 -4.02 0.00	55.38 -3.94 0.00
STEPHTWN_115KV_BK_2 55603	84.17 2.93 0.00	84.28 2.86 0.00	51.41 1.64 0.00	56.50 1.91 0.00	59.23 1.97 0.00	86.94 2.62 0.00	81.08 2.90 0.00	93.54 3.38 0.00	62.44 2.33 0.00	58.63 1.91 0.00	63.10 1.73 0.00	100.43 2.28 0.00	107.48 2.05 0.00	98.27 2.70 0.00	101.84 3.05 0.00	99.12 3.05 0.00	81.61 2.71 0.00	103.74 4.46 -0.76	95.31 4.09 -4.16	56.37 2.48 0.00	62.70 2.39 0.00	51.86 1.97 0.00	65.89 2.25 0.00	61.89 2.57 0.00
STEUBEN_REC_LFGE 323667	78.86 -2.38 0.00	79.07 -2.35 0.00	48.66 -1.11 0.00	53.24 -1.35 0.00	55.96 -1.29 0.00	83.55 -0.77 0.00	77.16 -1.01 0.00	88.82 -1.34 0.00	59.52 -0.59 0.00	56.23 -0.49 0.00	59.90 -1.47 0.00	93.80 -4.35 0.00	99.54 -5.90 0.00	90.02 -5.55 0.00	92.23 -6.56 0.00	89.79 -6.28 0.00	74.63 -4.27 0.00	94.63 -3.94 -0.05	84.88 -2.99 -0.82	52.76 -1.13 0.00	58.88 -1.43 0.00	48.53 -1.36 0.00	61.81 -1.84 0.00	57.82 -1.51 0.00
STILLWATER___SOLAR 323814	85.94 4.71 0.00	86.05 4.63 0.00	52.53 2.76 0.00	57.64 3.06 0.00	60.54 3.28 0.00	88.86 4.54 0.00	82.80 4.63 0.00	96.15 5.99 0.00	64.09 3.99 0.00	60.05 3.33 0.00	64.72 3.35 0.00	103.08 4.93 0.00	110.69 5.26 0.00	100.64 5.07 0.00	104.28 5.49 0.00	102.04 5.97 0.00	84.65 5.75 0.00	108.20 8.12 -1.57	98.51 7.16 -4.29	58.28 4.39 0.00	64.91 4.61 0.00	53.57 3.68 0.00	67.95 4.30 0.00	63.37 4.04 0.00
STONY___BROOK 24151	85.62 4.38 0.00	85.63 4.20 0.00	51.89 2.12 0.00	56.84 2.25 0.00	59.70 2.44 0.00	88.47 4.15 0.00	83.31 5.13 0.00	96.98 6.82 0.00	64.34 4.24 0.00	59.74 3.02 0.00	64.35 2.97 0.00	102.22 4.07 0.00	109.78 4.35 0.00	100.42 4.85 0.00	104.14 5.34 0.00	102.54 6.46 0.00	85.86 6.96 0.00	108.73 10.06 -0.15	99.44 8.96 -3.42	69.53 5.92 -9.72	66.19 5.88 0.00	54.31 4.37 -0.05	68.08 4.42 -0.02	68.33 4.16 -4.84
STURGEON_POOL_HYD 23609	83.81 2.57 0.00	83.93 2.51 0.00	51.18 1.41 0.00	56.06 1.47 0.00	58.81 1.55 0.00	86.60 2.28 0.00	80.97 2.79 0.00	94.31 4.15 0.00	62.95 2.84 0.00	59.00 2.28 0.00	63.76 2.38 0.00	101.53 3.38 0.00	108.84 3.41 0.00	99.09 3.52 0.00	102.84 4.04 0.00	100.58 4.51 0.00	83.52 4.62 0.00	105.65 6.91 -0.22	96.79 6.23 -3.50	57.88 3.99 0.00	64.35 4.04 0.00	52.93 3.03 0.00	66.81 3.16 0.00	62.16 2.83 0.00
ST_LAW_115_BK7_LBMP 345037	81.96 0.73 0.00	82.15 0.73 0.00	50.27 0.51 0.00	55.18 0.59 0.00	57.69 0.43 0.00	85.00 0.68 0.00	78.43 0.25 0.00	89.78 -0.38 0.00	59.60 -0.51 0.00	56.72 0.00 0.00	61.61 0.24 0.00	98.85 0.70 0.00	106.55 1.12 0.00	96.04 0.47 0.00	98.83 0.03 0.00	95.58 -0.49 0.00	77.81 -1.09 0.00	95.93 -2.59 0.00	84.63 -2.43 0.00	52.26 -1.64 0.00	59.05 -1.26 0.00	49.18 -0.71 0.00	63.43 -0.21 0.00	59.12 -0.21 0.00

ST_LAW_115_BK8_LBMP 345038	81.96 0.73 0.00	82.15 0.73 0.00	50.27 0.51 0.00	55.18 0.59 0.00	57.69 0.43 0.00	85.00 0.68 0.00	78.43 0.25 0.00	89.78 -0.38 0.00	59.60 -0.51 0.00	56.72 0.00 0.00	61.61 0.24 0.00	98.85 0.70 0.00	106.55 1.12 0.00	96.04 0.47 0.00	98.83 0.03 0.00	95.58 -0.49 0.00	77.81 -1.09 0.00	95.93 -2.59 0.00	84.63 -2.43 0.00	52.26 -1.64 0.00	59.05 -1.26 0.00	49.18 -0.71 0.00	63.43 -0.21 0.00	59.12 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	81.86 0.63 0.00	82.05 0.62 0.00	50.21 0.44 0.00	55.10 0.51 0.00	57.63 0.37 0.00	84.88 0.56 0.00	78.36 0.18 0.00	89.74 -0.42 0.00	59.59 -0.52 0.00	56.67 -0.05 0.00	61.54 0.16 0.00	98.73 0.59 0.00	106.35 0.92 0.00	95.92 0.35 0.00	98.73 -0.07 0.00	95.55 -0.52 0.00	77.83 -1.07 0.00	96.03 -2.49 0.00	84.75 -2.31 0.00	52.32 -1.57 0.00	59.11 -1.20 0.00	49.18 -0.71 0.00	63.39 -0.26 0.00	59.09 -0.24 0.00
ST_LAW_230_BK6_LBMP 345036	81.86 0.63 0.00	82.05 0.62 0.00	50.21 0.44 0.00	55.10 0.51 0.00	57.63 0.37 0.00	84.88 0.56 0.00	78.36 0.18 0.00	89.74 -0.42 0.00	59.59 -0.52 0.00	56.67 -0.05 0.00	61.54 0.16 0.00	98.73 0.59 0.00	106.35 0.92 0.00	95.92 0.35 0.00	98.73 -0.07 0.00	95.55 -0.52 0.00	77.83 -1.07 0.00	96.03 -2.49 0.00	84.75 -2.31 0.00	52.32 -1.57 0.00	59.11 -1.20 0.00	49.18 -0.71 0.00	63.39 -0.26 0.00	59.09 -0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	83.14 1.91 0.00	83.23 1.81 0.00	50.74 0.97 0.00	55.57 0.98 0.00	58.29 1.03 0.00	85.93 1.61 0.00	80.36 2.19 0.00	93.59 3.43 0.00	62.44 2.33 0.00	58.51 1.79 0.00	63.15 1.78 0.00	100.50 2.35 0.00	107.71 2.28 0.00	98.03 2.46 0.00	101.63 2.83 0.00	99.45 3.38 0.00	82.59 3.69 0.00	104.30 5.65 -0.14	95.35 5.10 -3.19	57.24 3.34 0.00	63.64 3.33 0.00	52.36 2.46 0.00	66.10 2.46 0.00	61.51 2.18 0.00
SWANROAD_115KV_TB1 355699	73.75 -7.49 0.00	74.08 -7.35 0.00	45.64 -4.12 0.00	50.11 -4.48 0.00	52.72 -4.54 0.00	79.12 -5.20 0.00	71.51 -6.67 0.00	81.56 -8.61 0.00	55.27 -4.84 0.00	52.73 -3.99 0.00	56.49 -4.88 0.00	89.89 -8.26 0.00	96.14 -9.29 0.00	86.67 -8.90 0.00	89.70 -9.09 0.00	87.40 -8.67 0.00	70.89 -8.01 0.00	87.88 -10.63 0.00	78.44 -9.20 -0.58	48.42 -5.48 0.00	54.17 -6.14 0.00	45.02 -4.87 0.00	57.13 -6.51 0.00	53.29 -6.04 0.00
SYNERGY___BIOGAS 323694	77.15 -3.84 0.25	77.65 -3.77 0.00	47.74 -2.03 0.00	52.41 -2.18 0.00	55.17 -2.09 0.00	82.82 -1.50 0.00	75.72 -2.46 0.00	86.90 -3.26 0.00	58.72 -1.39 0.00	55.77 -0.95 0.00	59.66 -1.72 0.00	94.98 -3.16 0.00	101.68 -3.75 0.00	91.44 -4.13 0.00	94.72 -4.07 0.00	92.66 -3.42 0.00	75.64 -3.26 0.00	94.62 -3.90 0.00	84.34 -3.26 -0.54	52.06 -1.83 0.00	58.02 -2.29 0.00	48.08 -1.82 0.00	60.78 -2.86 0.00	56.39 -2.93 0.00
SYRACUSE___ENERGY_ST1 323597	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
SYRACUSE___ENERGY_ST2 323598	78.48 -2.76 0.00	78.66 -2.76 0.00	48.13 -1.64 0.00	52.82 -1.77 0.00	55.48 -1.78 0.00	82.05 -2.27 0.00	76.27 -1.91 0.00	88.04 -2.12 0.00	58.85 -1.26 0.00	55.41 -1.32 0.00	59.82 -1.56 0.00	95.52 -2.62 0.00	102.47 -2.96 0.00	92.99 -2.58 0.00	96.33 -2.47 0.00	93.87 -2.20 0.00	77.21 -1.69 0.00	96.90 -1.62 0.00	86.06 -1.41 -0.42	53.10 -0.80 0.00	59.17 -1.13 0.00	48.86 -1.03 0.00	62.02 -1.62 0.00	57.73 -1.60 0.00
SYRACUSE___POWER 24017	78.88 -2.36 0.00	79.05 -2.37 0.00	48.36 -1.41 0.00	53.05 -1.54 0.00	55.74 -1.52 0.00	82.43 -1.90 0.00	76.60 -1.57 0.00	88.49 -1.67 0.00	59.17 -0.94 0.00	55.70 -1.02 0.00	60.13 -1.24 0.00	96.02 -2.13 0.00	103.07 -2.36 0.00	93.48 -2.09 0.00	96.85 -1.94 0.00	94.40 -1.68 0.00	77.67 -1.23 0.00	97.48 -1.04 0.00	86.61 -0.88 -0.43	53.41 -0.49 0.00	59.54 -0.77 0.00	49.13 -0.76 0.00	62.36 -1.28 0.00	58.02 -1.30 0.00
TALLMAN___138KV_BK151 55660	83.23 1.99 0.00	83.26 1.84 0.00	50.75 0.98 0.00	55.54 0.95 0.00	58.26 1.00 0.00	85.96 1.65 0.00	80.49 2.31 0.00	93.82 3.66 0.00	62.58 2.48 0.00	58.63 1.91 0.00	63.28 1.90 0.00	100.67 2.53 0.00	107.89 2.46 0.00	98.21 2.64 0.00	101.79 3.00 0.00	99.65 3.58 0.00	82.85 3.95 0.00	104.71 6.05 -0.14	95.78 5.45 -3.28	57.45 3.56 0.00	63.84 3.54 0.00	52.49 2.59 0.00	66.22 2.57 0.00	61.58 2.25 0.00
TEALLAVE_115KV_TB7 355573	78.41 -2.83 0.00	78.56 -2.86 0.00	48.07 -1.70 0.00	52.74 -1.85 0.00	55.40 -1.86 0.00	81.95 -2.37 0.00	76.13 -2.04 0.00	87.91 -2.25 0.00	58.77 -1.33 0.00	55.37 -1.35 0.00	59.76 -1.61 0.00	95.43 -2.71 0.00	102.45 -2.98 0.00	92.91 -2.66 0.00	96.23 -2.56 0.00	93.79 -2.28 0.00	77.17 -1.73 0.00	96.78 -1.74 0.00	85.93 -1.50 -0.37	53.02 -0.87 0.00	59.12 -1.19 0.00	48.79 -1.10 0.00	61.92 -1.73 0.00	57.61 -1.72 0.00
TELGRAPH_34_KV_EAST 80808	75.56 -5.68 0.00	75.85 -5.58 0.00	46.68 -3.09 0.00	51.23 -3.36 0.00	53.92 -3.34 0.00	80.93 -3.40 0.00	73.61 -4.57 0.00	84.25 -5.91 0.00	57.02 -3.08 0.00	54.32 -2.40 0.00	58.12 -3.25 0.00	92.58 -5.57 0.00	99.06 -6.37 0.00	89.25 -6.32 0.00	92.43 -6.36 0.00	90.18 -5.90 0.00	73.38 -5.52 0.00	91.32 -7.20 0.00	81.42 -6.20 -0.56	50.22 -3.67 0.00	56.10 -4.21 0.00	46.55 -3.35 0.00	58.95 -4.70 0.00	54.78 -4.54 0.00
TEMPLE___115KV_TB 2 55572	78.42 -2.82 0.00	78.58 -2.84 0.00	48.08 -1.68 0.00	52.76 -1.83 0.00	55.42 -1.84 0.00	81.98 -2.34 0.00	76.14 -2.03 0.00	87.93 -2.23 0.00	58.81 -1.30 0.00	55.39 -1.33 0.00	59.81 -1.56 0.00	95.47 -2.67 0.00	102.50 -2.93 0.00	92.94 -2.63 0.00	96.28 -2.52 0.00	93.85 -2.22 0.00	77.20 -1.70 0.00	96.84 -1.68 0.00	86.00 -1.43 -0.38	53.05 -0.84 0.00	59.15 -1.16 0.00	48.82 -1.07 0.00	61.95 -1.69 0.00	57.65 -1.68 0.00
TIANA____69_KV_BK 1 55817	85.62 4.38 0.00	85.59 4.17 0.00	51.89 2.12 0.00	56.84 2.24 0.00	59.72 2.46 0.00	88.60 4.28 0.00	84.00 5.82 0.00	97.71 7.55 0.00	64.79 4.69 0.00	60.06 3.34 0.00	64.75 3.38 0.00	102.46 4.32 0.00	109.77 4.34 0.00	100.18 4.61 0.00	103.65 4.85 0.00	102.23 6.16 0.00	85.83 6.93 0.00	108.63 9.96 -0.15	99.66 9.18 -3.42	69.41 5.79 -9.72	65.92 5.61 0.00	54.09 4.14 -0.05	68.09 4.43 -0.02	68.23 4.25 -4.65
TILDEN___115KV_TB1 80814	78.88 -2.36 0.00	79.05 -2.37 0.00	48.36 -1.41 0.00	53.05 -1.54 0.00	55.74 -1.52 0.00	82.43 -1.90 0.00	76.60 -1.57 0.00	88.49 -1.67 0.00	59.17 -0.94 0.00	55.70 -1.02 0.00	60.13 -1.24 0.00	96.02 -2.13 0.00	103.07 -2.36 0.00	93.48 -2.09 0.00	96.85 -1.94 0.00	94.40 -1.68 0.00	77.67 -1.23 0.00	97.48 -1.04 0.00	86.61 -0.88 -0.43	53.41 -0.49 0.00	59.54 -0.77 0.00	49.13 -0.76 0.00	62.36 -1.28 0.00	58.02 -1.30 0.00

TRIGEN__CC 323695	84.73 3.49 0.00	84.77 3.35 0.00	51.48 1.71 0.00	56.37 1.78 0.00	59.17 1.91 0.00	87.35 3.03 0.00	81.99 3.81 0.00	95.58 5.42 0.00	63.68 3.57 0.00	59.48 2.76 0.00	64.21 2.84 0.00	102.08 3.93 0.00	109.46 4.03 0.00	99.63 4.06 0.00	103.42 4.62 0.00	101.45 5.37 0.00	84.51 5.61 0.00	106.82 8.15 -0.15	97.68 7.21 -3.42	68.50 4.89 -9.72	65.23 4.92 0.00	53.68 3.74 -0.05	67.47 3.71 -0.12	99.28 3.45 -36.50
TRINITY__115KV__ 4 BK 55933	83.62 2.38 0.00	83.74 2.32 0.00	51.14 1.37 0.00	56.13 1.54 0.00	58.89 1.63 0.00	86.20 1.89 0.00	80.11 1.93 0.00	92.67 2.51 0.00	61.86 1.75 0.00	58.19 1.47 0.00	62.77 1.40 0.00	99.99 1.84 0.00	107.37 1.93 0.00	97.93 2.36 0.00	101.14 2.34 0.00	98.35 2.28 0.00	81.14 2.24 0.00	102.62 3.29 -0.81	94.18 2.95 -4.17	55.59 1.70 0.00	61.99 1.68 0.00	51.33 1.44 0.00	65.22 1.58 0.00	61.25 1.92 0.00
UNION__PROCESSING_DRP 323587	77.08 -4.16 0.00	77.24 -4.19 0.00	47.40 -2.37 0.00	52.01 -2.58 0.00	54.73 -2.53 0.00	81.71 -2.61 0.00	75.13 -3.05 0.00	86.31 -3.85 0.00	58.07 -2.04 0.00	55.04 -1.68 0.00	59.17 -2.21 0.00	94.39 -3.76 0.00	101.25 -4.19 0.00	91.52 -4.05 0.00	94.76 -4.04 0.00	92.40 -3.67 0.00	75.67 -3.23 0.00	94.59 -3.93 0.00	84.20 -3.34 -0.48	51.93 -1.96 0.00	57.97 -2.34 0.00	47.93 -1.97 0.00	60.74 -2.91 0.00	56.40 -2.93 0.00
UPPER HUDSON__HYD 24058	87.27 6.03 0.00	87.31 5.88 0.00	53.33 3.56 0.00	58.54 3.95 0.00	61.54 4.28 0.00	90.40 6.08 0.00	84.47 6.29 0.00	98.26 8.10 0.00	65.55 5.45 0.00	61.31 4.59 0.00	66.16 4.78 0.00	105.08 6.94 0.00	112.65 7.21 0.00	102.38 6.81 0.00	106.10 7.31 0.00	104.12 8.05 0.00	86.43 7.53 0.00	110.73 10.58 -1.64	100.63 9.26 -4.32	59.61 5.72 0.00	66.30 5.99 0.00	54.70 4.81 0.00	69.30 5.65 0.00	64.63 5.30 0.00
UPPER RAQUET__HYD 24056	83.23 1.99 0.00	83.20 1.77 0.00	50.88 1.11 0.00	56.07 1.48 0.00	58.25 0.99 0.00	85.31 0.99 0.00	78.96 0.79 0.00	90.45 0.29 0.00	59.96 -0.15 0.00	57.28 0.56 0.00	62.12 0.75 0.00	100.00 1.85 0.00	108.20 2.77 0.00	96.86 1.28 0.00	99.59 0.80 0.00	95.90 -0.17 0.00	77.94 -0.96 0.00	96.22 -2.30 0.00	84.63 -2.49 -0.06	52.45 -1.44 0.00	59.44 -0.87 0.00	49.62 -0.27 0.00	64.41 0.77 0.00	60.23 0.90 0.00
VALLEY44_115KV_TB2 355964	76.45 -4.79 0.00	76.67 -4.76 0.00	47.12 -2.65 0.00	51.71 -2.88 0.00	54.36 -2.90 0.00	81.12 -3.20 0.00	74.17 -4.01 0.00	85.22 -4.94 0.00	56.93 -3.18 0.00	56.88 0.16 0.00	59.55 -1.82 0.00	95.91 -2.23 0.00	100.74 -4.69 0.00	91.23 -4.34 0.00	94.71 -4.09 0.00	91.93 -4.14 0.00	74.87 -4.03 0.00	94.18 -4.38 -0.04	83.71 -4.04 -0.69	51.70 -2.19 0.00	57.55 -2.76 0.00	47.70 -2.20 0.00	60.72 -2.93 0.00	56.79 -2.54 0.00
VALLEY__115KV_TB 1-4 80826	83.31 2.07 0.00	83.69 2.27 0.00	50.97 1.20 0.00	55.76 1.17 0.00	58.69 1.43 0.00	86.10 1.78 0.00	79.97 1.79 0.00	93.18 3.02 0.00	62.22 2.11 0.00	57.90 1.18 0.00	61.45 0.08 0.00	97.87 -0.28 0.00	105.29 -0.14 0.00	95.68 0.11 0.00	99.08 0.29 0.00	97.52 1.45 0.00	81.49 2.59 0.00	103.03 4.51 0.00	91.23 4.17 0.00	56.70 2.81 0.00	63.03 2.72 0.00	52.14 2.24 0.00	65.80 2.16 0.00	61.63 2.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	84.44 3.20 0.00	84.84 3.42 0.00	51.89 2.12 0.00	56.90 2.31 0.00	59.80 2.54 0.00	88.11 3.79 0.00	82.04 3.86 0.00	95.03 4.87 0.00	63.57 3.46 0.00	59.73 3.01 0.00	64.56 3.18 0.00	103.28 5.13 0.00	110.87 5.43 0.00	100.67 5.10 0.00	104.45 5.65 0.00	101.81 5.74 0.00	84.10 5.20 0.00	106.24 7.49 -0.22	95.17 6.61 -1.50	58.14 4.25 0.00	64.79 4.48 0.00	53.33 3.44 0.00	67.63 3.98 0.00	63.06 3.73 0.00
VISCHER__FERRY HYD 24020	84.83 3.59 0.00	84.92 3.50 0.00	51.85 2.08 0.00	56.92 2.33 0.00	59.75 2.49 0.00	87.42 3.10 0.00	81.32 3.15 0.00	94.45 4.29 0.00	63.00 2.89 0.00	59.12 2.40 0.00	63.84 2.46 0.00	101.72 3.57 0.00	109.18 3.75 0.00	99.44 3.87 0.00	102.97 4.18 0.00	100.52 4.44 0.00	83.13 4.23 0.00	105.97 6.11 -1.34	96.71 5.42 -4.23	57.16 3.27 0.00	63.74 3.43 0.00	52.66 2.77 0.00	66.81 3.17 0.00	62.40 3.07 0.00
V_A_10_SYNC_DSASP 323832	74.62 -6.36 0.26	75.10 -6.32 0.00	46.18 -3.59 0.00	50.68 -3.91 0.00	53.32 -3.94 0.00	79.81 -4.51 0.00	72.77 -5.40 0.00	83.28 -6.88 0.00	56.18 -3.93 0.00	53.48 -3.24 0.00	57.42 -3.95 0.00	91.49 -6.65 0.00	98.06 -7.37 0.00	88.53 -7.04 0.00	91.66 -7.13 0.00	89.24 -6.83 0.00	72.75 -6.15 0.00	90.72 -7.80 0.00	80.83 -6.76 -0.53	49.88 -4.01 0.00	55.72 -4.59 0.00	46.21 -3.68 0.00	58.62 -5.02 0.00	54.54 -4.79 0.00
V_CMM_10_SYNC_DSASP 323787	82.42 1.18 0.00	82.57 1.15 0.00	50.53 0.76 0.00	55.47 0.89 0.00	58.00 0.75 0.00	85.46 1.14 0.00	78.84 0.66 0.00	90.28 0.12 0.00	59.93 -0.17 0.00	57.04 0.32 0.00	61.95 0.57 0.00	99.40 1.25 0.00	107.14 1.71 0.00	96.54 0.97 0.00	99.38 0.59 0.00	96.13 0.06 0.00	78.23 -0.67 0.00	96.32 -2.19 0.00	84.97 -2.09 0.00	52.36 -1.53 0.00	59.17 -1.14 0.00	49.44 -0.45 0.00	63.79 0.15 0.00	59.46 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	83.12 1.88 0.00	83.37 1.95 0.00	50.84 1.07 0.00	55.73 1.14 0.00	58.09 0.83 0.00	84.93 0.61 0.00	79.13 0.96 0.00	90.91 0.75 0.00	59.97 -0.14 0.00	56.57 -0.15 0.00	61.26 -0.11 0.00	98.16 0.01 0.00	105.44 0.01 0.00	95.48 -0.09 0.00	98.04 -0.75 0.00	94.95 -1.12 0.00	77.84 -1.06 0.00	96.53 -1.99 0.00	85.10 -1.96 0.00	52.49 -1.40 0.00	59.41 -0.90 0.00	49.33 -0.56 0.00	63.57 -0.08 0.00	59.73 0.40 0.00
V_D_10_SYNC_DSASP 323841	82.92 1.68 0.00	83.04 1.62 0.00	50.83 1.06 0.00	55.91 1.32 0.00	58.30 1.04 0.00	85.85 1.53 0.00	79.23 1.06 0.00	90.75 0.59 0.00	60.22 0.11 0.00	57.36 0.64 0.00	62.27 0.90 0.00	99.96 1.82 0.00	108.11 2.68 0.00	97.04 1.47 0.00	99.89 1.10 0.00	96.55 0.48 0.00	78.56 -0.34 0.00	96.88 -1.63 0.00	85.22 -1.84 0.00	52.78 -1.11 0.00	59.73 -0.59 0.00	49.72 -0.17 0.00	64.19 0.54 0.00	59.86 0.53 0.00
V_E_10_SYNC_DSASP 323830	86.46 5.14 -0.08	87.07 5.64 0.00	53.41 3.65 0.00	58.45 3.87 0.00	61.48 4.22 0.00	90.87 6.54 0.00	84.77 6.59 0.00	98.97 8.81 0.00	66.32 6.21 0.00	62.17 5.45 0.00	66.28 4.91 0.00	104.78 6.63 0.00	111.38 5.95 0.00	102.22 6.64 0.00	106.52 7.72 0.00	104.01 7.94 0.00	85.15 6.25 0.00	108.23 9.61 -0.10	96.83 8.67 -1.10	59.18 5.28 0.00	65.82 5.51 0.00	54.02 4.13 0.00	69.17 5.52 0.00	64.29 4.96 0.00
V_F_30_NSYNC__DSASP 323816	85.99 4.75 0.00	86.10 4.68 0.00	52.55 2.79 0.00	57.68 3.09 0.00	60.59 3.33 0.00	88.95 4.63 0.00	82.86 4.68 0.00	96.22 6.05 0.00	64.13 4.03 0.00	60.10 3.38 0.00	64.78 3.40 0.00	103.23 5.08 0.00	110.82 5.39 0.00	100.75 5.18 0.00	104.41 5.61 0.00	102.13 6.06 0.00	84.72 5.82 0.00	108.29 8.17 -1.60	98.57 7.21 -4.30	58.31 4.41 0.00	64.95 4.63 0.00	53.61 3.71 0.00	67.99 4.35 0.00	63.40 4.07 0.00

V_F_30_SYNC_DSASP 323786	83.85 2.62 0.00	83.99 2.56 0.00	51.27 1.50 0.00	56.28 1.70 0.00	59.06 1.80 0.00	86.49 2.17 0.00	80.41 2.23 0.00	93.02 2.86 0.00	62.09 1.99 0.00	58.41 1.69 0.00	62.99 1.62 0.00	100.37 2.22 0.00	107.81 2.38 0.00	98.25 2.69 0.00	101.49 2.69 0.00	98.77 2.70 0.00	81.53 2.63 0.00	103.32 3.77 -1.03	94.62 3.36 -4.21	55.86 1.97 0.00	62.26 1.95 0.00	51.54 1.65 0.00	65.47 1.83 0.00	61.45 2.12 0.00
V_XM_10_SYNC_DSASP 323789	83.12 1.88 0.00	83.37 1.95 0.00	50.84 1.07 0.00	55.73 1.14 0.00	58.09 0.83 0.00	84.93 0.61 0.00	79.13 0.96 0.00	90.91 0.75 0.00	59.97 -0.14 0.00	56.57 -0.15 0.00	61.26 -0.11 0.00	98.16 0.01 0.00	105.44 0.01 0.00	95.48 -0.09 0.00	98.04 -0.75 0.00	94.95 -1.12 0.00	77.84 -1.06 0.00	96.53 -1.99 0.00	85.10 -1.96 0.00	52.49 -1.40 0.00	59.41 -0.90 0.00	49.33 -0.56 0.00	63.57 -0.08 0.00	59.73 0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	83.49 2.26 0.00	83.51 2.09 0.00	50.92 1.15 0.00	55.73 1.14 0.00	58.46 1.20 0.00	86.28 1.96 0.00	80.79 2.61 0.00	94.14 3.98 0.00	62.79 2.69 0.00	58.83 2.11 0.00	63.50 2.13 0.00	101.03 2.88 0.00	108.28 2.85 0.00	98.58 3.01 0.00	102.17 3.37 0.00	100.03 3.96 0.00	83.16 4.26 0.00	105.10 6.44 -0.14	96.15 5.80 -3.30	57.67 3.78 0.00	64.08 3.77 0.00	52.69 2.79 0.00	66.44 2.80 0.00	61.80 2.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	83.87 2.63 0.00	83.88 2.46 0.00	51.13 1.37 0.00	55.94 1.35 0.00	58.69 1.43 0.00	86.60 2.28 0.00	81.16 2.98 0.00	94.80 4.65 0.00	63.28 3.18 0.00	59.30 2.58 0.00	63.94 2.56 0.00	101.70 3.55 0.00	109.01 3.58 0.00	99.26 3.69 0.00	102.88 4.08 0.00	100.78 4.71 0.00	83.84 4.94 0.00	105.92 7.25 -0.15	96.98 6.50 -3.42	58.13 4.23 0.00	64.54 4.23 0.00	53.03 3.14 0.00	66.80 3.15 0.00	62.14 2.81 0.00
W50THST__13_KV_LOAD 356117	84.48 3.24 0.00	84.47 3.05 0.00	51.49 1.72 0.00	56.33 1.74 0.00	59.10 1.84 0.00	87.26 2.95 0.00	81.85 3.67 0.00	95.69 5.53 0.00	63.93 3.82 0.00	59.95 3.23 0.00	64.67 3.29 0.00	102.87 4.73 0.00	110.29 4.86 0.00	100.42 4.85 0.00	104.07 5.28 0.00	101.96 5.88 0.00	84.84 5.94 0.00	107.13 8.46 -0.15	97.97 7.50 -3.42	58.70 4.81 0.00	65.14 4.83 0.00	53.53 3.64 0.00	67.38 3.73 0.00	62.64 3.31 0.00
WADING RIVER_IC_1 23522	85.60 4.36 0.00	85.59 4.17 0.00	51.88 2.11 0.00	56.83 2.24 0.00	59.70 2.44 0.00	88.51 4.19 0.00	83.63 5.46 0.00	97.31 7.15 0.00	64.55 4.45 0.00	59.88 3.16 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.73 4.30 0.00	100.19 4.62 0.00	103.70 4.90 0.00	102.20 6.13 0.00	85.75 6.85 0.00	108.58 9.92 -0.15	99.44 8.97 -3.42	69.13 5.51 -9.72	65.57 5.26 0.00	53.81 3.86 -0.05	67.79 4.13 -0.02	67.94 3.98 -4.63
WADING RIVER_IC_2 23547	85.60 4.36 0.00	85.59 4.17 0.00	51.88 2.11 0.00	56.83 2.24 0.00	59.70 2.44 0.00	88.51 4.19 0.00	83.63 5.46 0.00	97.31 7.15 0.00	64.55 4.45 0.00	59.88 3.16 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.73 4.30 0.00	100.19 4.62 0.00	103.70 4.90 0.00	102.20 6.13 0.00	85.75 6.85 0.00	108.58 9.92 -0.15	99.44 8.97 -3.42	69.13 5.51 -9.72	65.57 5.26 0.00	53.81 3.86 -0.05	67.79 4.13 -0.02	67.94 3.98 -4.63
WADING RIVER_IC_3 23601	85.60 4.36 0.00	85.59 4.17 0.00	51.88 2.11 0.00	56.83 2.24 0.00	59.70 2.44 0.00	88.51 4.19 0.00	83.63 5.46 0.00	97.31 7.15 0.00	64.55 4.45 0.00	59.88 3.16 0.00	64.51 3.14 0.00	102.30 4.15 0.00	109.73 4.30 0.00	100.19 4.62 0.00	103.70 4.90 0.00	102.20 6.13 0.00	85.75 6.85 0.00	108.58 9.92 -0.15	99.44 8.97 -3.42	69.13 5.51 -9.72	65.57 5.26 0.00	53.81 3.86 -0.05	67.79 4.13 -0.02	67.94 3.98 -4.63
WALDENNY_12_KV_BK2 80841	76.18 -5.06 0.00	76.41 -5.01 0.00	47.05 -2.72 0.00	51.59 -3.00 0.00	54.28 -2.98 0.00	81.50 -2.82 0.00	74.28 -3.90 0.00	84.98 -5.18 0.00	57.60 -2.51 0.00	54.99 -1.73 0.00	58.65 -2.72 0.00	93.44 -4.71 0.00	99.68 -5.75 0.00	89.94 -5.62 0.00	93.18 -5.62 0.00	90.77 -5.31 0.00	73.96 -4.94 0.00	92.22 -6.30 0.00	82.27 -5.41 -0.62	50.76 -3.13 0.00	56.70 -3.61 0.00	47.00 -2.89 0.00	59.62 -4.02 0.00	55.44 -3.89 0.00
WALDEN__HYDRO 24148	83.79 2.55 0.00	83.85 2.43 0.00	51.12 1.36 0.00	55.98 1.39 0.00	58.74 1.48 0.00	86.58 2.26 0.00	80.99 2.82 0.00	94.33 4.17 0.00	62.93 2.82 0.00	58.92 2.20 0.00	63.53 2.16 0.00	101.08 2.94 0.00	108.35 2.92 0.00	98.62 3.05 0.00	102.39 3.60 0.00	100.21 4.14 0.00	83.28 4.39 0.00	105.32 6.65 -0.15	96.36 6.00 -3.31	57.74 3.85 0.00	64.19 3.88 0.00	52.81 2.91 0.00	66.65 3.00 0.00	62.02 2.69 0.00
WARRENSBURG____ 23737	87.27 6.03 0.00	87.31 5.88 0.00	53.33 3.56 0.00	58.54 3.95 0.00	61.54 4.28 0.00	90.40 6.08 0.00	84.47 6.29 0.00	98.26 8.10 0.00	65.55 5.45 0.00	61.31 4.59 0.00	66.16 4.78 0.00	105.08 6.94 0.00	112.65 7.21 0.00	102.38 6.81 0.00	106.10 7.31 0.00	104.12 8.05 0.00	86.43 7.53 0.00	110.73 10.58 -1.64	100.63 9.26 -4.32	59.61 5.72 0.00	66.30 5.99 0.00	54.70 4.81 0.00	69.30 5.65 0.00	64.63 5.30 0.00
WATERSIDE____6 8 9 23538	83.81 2.57 0.00	83.81 2.39 0.00	51.09 1.32 0.00	55.87 1.29 0.00	58.61 1.36 0.00	86.58 2.26 0.00	81.19 3.01 0.00	94.61 4.45 0.00	63.15 3.05 0.00	59.18 2.46 0.00	63.83 2.46 0.00	101.51 3.36 0.00	108.83 3.40 0.00	99.09 3.52 0.00	102.72 3.92 0.00	100.63 4.56 0.00	83.76 4.86 0.00	105.91 7.24 -0.15	93.80 6.46 -0.28	35.84 4.28 22.33	64.33 4.25 0.23	52.00 3.17 1.07	66.42 3.11 0.33	62.06 2.74 0.01
WATKINRD_115KV_LN8_ILLION 55919	84.67 3.43 0.00	85.07 3.65 0.00	51.78 2.01 0.00	56.64 2.05 0.00	59.66 2.40 0.00	87.41 3.09 0.00	81.41 3.23 0.00	95.39 5.23 0.00	63.62 3.51 0.00	58.82 2.10 0.00	61.86 0.49 0.00	98.45 0.30 0.00	106.09 0.66 0.00	96.48 0.91 0.00	100.08 1.28 0.00	99.15 3.08 0.00	83.60 4.70 0.00	106.51 7.99 0.00	94.39 7.33 0.00	58.64 4.75 0.00	64.87 4.56 0.00	53.63 3.73 0.00	67.32 3.67 0.00	63.15 3.82 0.00
WATSON____69_KV_BK 1 55734	86.39 5.15 0.00	86.42 4.99 0.00	52.39 2.63 0.00	57.40 2.82 0.00	60.28 3.02 0.00	89.32 5.00 0.00	84.02 5.84 0.00	97.76 7.60 0.00	65.04 4.94 0.00	60.50 3.78 0.00	65.16 3.78 0.00	103.54 5.40 0.00	111.17 5.74 0.00	101.22 5.66 0.00	105.07 6.27 0.00	103.41 7.34 0.00	86.64 7.74 0.00	109.75 11.07 -0.15	100.23 9.75 -3.42	70.12 6.51 -9.72	66.89 6.59 0.00	54.92 4.98 -0.05	68.76 5.10 -0.02	70.45 4.74 -6.37
WDELAWARE__HYD 323627	82.32 1.08 0.00	82.38 0.96 0.00	50.21 0.44 0.00	55.01 0.43 0.00	57.74 0.48 0.00	85.18 0.86 0.00	79.75 1.58 0.00	92.82 2.66 0.00	61.89 1.78 0.00	57.89 1.17 0.00	62.31 0.93 0.00	98.90 0.75 0.00	106.04 0.61 0.00	96.57 1.00 0.00	100.23 1.43 0.00	98.19 2.12 0.00	81.84 2.94 0.00	103.67 4.99 -0.16	94.73 4.55 -3.12	56.83 2.94 0.00	63.17 2.87 0.00	51.97 2.07 0.00	65.61 1.96 0.00	60.97 1.64 0.00

WEST BABYLON___IC 23714	86.05 4.81 0.00	86.09 4.67 0.00	52.22 2.45 0.00	57.21 2.62 0.00	60.06 2.80 0.00	88.93 4.62 0.00	83.55 5.38 0.00	97.31 7.15 0.00	64.77 4.67 0.00	60.30 3.58 0.00	64.97 3.60 0.00	103.22 5.08 0.00	110.79 5.36 0.00	100.85 5.28 0.00	104.73 5.93 0.00	103.00 6.93 0.00	86.18 7.28 0.00	109.10 10.43 -0.15	99.67 9.19 -3.42	69.82 6.20 -9.72	66.59 6.28 0.00	54.70 4.76 -0.05	68.50 4.82 -0.03	73.93 4.47 -10.14
WEST CANADA___HYD 24049	81.73 0.49 0.00	81.90 0.48 0.00	50.02 0.25 0.00	54.87 0.28 0.00	57.60 0.34 0.00	84.73 0.41 0.00	78.66 0.49 0.00	90.95 0.79 0.00	60.66 0.55 0.00	57.12 0.40 0.00	61.68 0.31 0.00	98.64 0.49 0.00	105.91 0.48 0.00	96.06 0.49 0.00	99.40 0.61 0.00	96.82 0.75 0.00	79.74 0.84 0.00	99.90 1.38 0.00	88.28 1.22 0.00	54.67 0.78 0.00	61.07 0.76 0.00	50.47 0.57 0.00	64.21 0.56 0.00	59.88 0.55 0.00
WESTERN_NY_WIND 24143	77.29 -3.95 0.00	77.50 -3.92 0.00	47.67 -2.10 0.00	52.32 -2.27 0.00	55.09 -2.17 0.00	82.71 -1.61 0.00	75.58 -2.59 0.00	86.69 -3.46 0.00	58.60 -1.51 0.00	55.66 -1.06 0.00	59.55 -1.82 0.00	94.80 -3.34 0.00	101.49 -3.94 0.00	91.25 -4.32 0.00	94.54 -4.25 0.00	92.49 -3.58 0.00	75.51 -3.40 0.00	94.37 -4.15 0.00	84.14 -3.47 -0.55	51.91 -1.98 0.00	57.91 -2.40 0.00	47.94 -1.96 0.00	60.65 -3.00 0.00	56.28 -3.05 0.00
WESTOVER___LESR 323668	79.74 -1.50 0.00	80.04 -1.38 0.00	48.97 -0.80 0.00	53.72 -0.87 0.00	56.40 -0.86 0.00	83.39 -0.93 0.00	77.49 -0.69 0.00	89.57 -0.59 0.00	59.95 -0.16 0.00	56.18 -0.54 0.00	60.77 -0.61 0.00	96.95 -1.19 0.00	103.99 -1.44 0.00	94.41 -1.17 0.00	98.14 -0.66 0.00	95.46 -0.61 0.00	78.56 -0.34 0.00	99.11 0.52 -0.07	88.59 0.39 -1.14	54.31 0.41 0.00	60.41 0.10 0.00	49.80 -0.09 0.00	63.32 -0.33 0.00	59.03 -0.30 0.00
WETHRSFD_WT_PWR 323626	76.22 -4.88 0.13	76.62 -4.80 0.00	47.18 -2.59 0.00	51.70 -2.89 0.00	54.36 -2.90 0.00	81.25 -3.07 0.00	74.52 -3.66 0.00	85.48 -4.68 0.00	57.66 -2.45 0.00	54.58 -2.14 0.00	58.15 -3.22 0.00	92.43 -5.72 0.00	98.62 -6.81 0.00	89.05 -6.52 0.00	92.43 -6.37 0.00	89.97 -6.10 0.00	73.75 -5.15 0.00	92.70 -5.86 -0.04	82.74 -5.02 -0.70	51.12 -2.77 0.00	57.03 -3.28 0.00	47.23 -2.66 0.00	59.95 -3.69 0.00	55.84 -3.48 0.00
WHAVSTOR_138KV_BK127 55557	83.10 1.86 0.00	83.14 1.71 0.00	50.67 0.91 0.00	55.47 0.88 0.00	58.18 0.93 0.00	85.84 1.52 0.00	80.35 2.18 0.00	93.65 3.49 0.00	62.48 2.37 0.00	58.52 1.80 0.00	63.16 1.78 0.00	100.48 2.34 0.00	107.69 2.26 0.00	98.03 2.46 0.00	101.62 2.82 0.00	99.50 3.42 0.00	82.71 3.81 0.00	104.51 5.85 -0.15	95.63 5.28 -3.30	57.34 3.45 0.00	63.72 3.41 0.00	52.41 2.51 0.00	66.10 2.46 0.00	61.49 2.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	83.10 1.86 0.00	83.14 1.71 0.00	50.67 0.91 0.00	55.47 0.88 0.00	58.18 0.93 0.00	85.84 1.52 0.00	80.35 2.18 0.00	93.65 3.49 0.00	62.48 2.37 0.00	58.52 1.80 0.00	63.16 1.78 0.00	100.48 2.34 0.00	107.69 2.26 0.00	98.03 2.46 0.00	101.62 2.82 0.00	99.50 3.42 0.00	82.71 3.81 0.00	104.51 5.85 -0.15	95.63 5.28 -3.30	57.34 3.45 0.00	63.72 3.41 0.00	52.41 2.51 0.00	66.10 2.46 0.00	61.49 2.17 0.00
WHITEHAL_115KV_TB1 80871	88.78 7.55 0.00	88.73 7.31 0.00	54.11 4.34 0.00	59.44 4.85 0.00	62.50 5.24 0.00	91.35 7.03 0.00	86.20 8.02 0.00	100.69 10.52 0.00	67.38 7.27 0.00	62.69 5.97 0.00	67.98 6.61 0.00	107.35 9.20 0.00	114.17 8.73 0.00	104.30 8.73 0.00	108.21 9.42 0.00	106.80 10.73 0.00	88.76 9.86 0.00	114.45 14.31 -1.62	103.60 12.23 -4.31	61.76 7.87 0.00	68.49 8.18 0.00	56.16 6.27 0.00	71.10 7.46 0.00	66.20 6.87 0.00
WHITEPLN_13_KV_LOAD 356215	84.70 3.46 0.00	84.71 3.29 0.00	51.63 1.86 0.00	56.51 1.92 0.00	59.28 2.02 0.00	87.51 3.19 0.00	82.04 3.86 0.00	95.71 5.56 0.00	63.87 3.77 0.00	59.85 3.13 0.00	64.56 3.18 0.00	102.74 4.59 0.00	110.05 4.62 0.00	100.21 4.64 0.00	103.89 5.09 0.00	101.78 5.71 0.00	84.72 5.82 0.00	107.16 8.49 -0.15	98.03 7.57 -3.41	58.75 4.86 0.00	65.25 4.94 0.00	53.61 3.72 0.00	67.52 3.87 0.00	62.78 3.45 0.00
WM_FLOYD_69_KV_BK2 356380	85.74 4.50 0.00	85.73 4.30 0.00	51.96 2.19 0.00	56.92 2.33 0.00	59.78 2.52 0.00	88.62 4.30 0.00	83.66 5.48 0.00	97.36 7.20 0.00	64.58 4.47 0.00	59.89 3.17 0.00	64.50 3.12 0.00	102.40 4.26 0.00	109.85 4.42 0.00	100.32 4.75 0.00	103.88 5.08 0.00	102.37 6.30 0.00	85.88 6.98 0.00	108.76 10.09 -0.15	99.56 9.08 -3.42	69.45 5.84 -9.72	66.00 5.69 0.00	54.17 4.22 -0.05	68.03 4.37 -0.02	68.21 4.15 -4.73
WOODARD___115KV_TB2 355635	78.33 -2.91 0.00	78.48 -2.94 0.00	48.01 -1.76 0.00	52.68 -1.91 0.00	55.35 -1.91 0.00	81.82 -2.50 0.00	75.99 -2.18 0.00	87.75 -2.41 0.00	58.66 -1.45 0.00	55.25 -1.47 0.00	59.65 -1.73 0.00	95.28 -2.87 0.00	102.26 -3.17 0.00	92.75 -2.82 0.00	96.05 -2.75 0.00	93.61 -2.46 0.00	77.01 -1.89 0.00	96.58 -1.94 0.00	85.76 -1.67 -0.38	52.91 -0.98 0.00	59.00 -1.31 0.00	48.70 -1.19 0.00	61.83 -1.82 0.00	57.54 -1.79 0.00
YORK___WARBASSE 23770	83.92 2.68 0.00	83.90 2.48 0.00	51.14 1.37 0.00	55.91 1.32 0.00	58.64 1.38 0.00	86.65 2.33 0.00	81.30 3.13 0.00	94.74 4.59 0.00	63.26 3.15 0.00	59.32 2.60 0.00	63.97 2.59 0.00	101.70 3.55 0.00	109.03 3.60 0.00	99.30 3.73 0.00	102.95 4.15 0.00	100.84 4.77 0.00	83.99 5.08 0.00	106.31 7.64 -0.15	112.60 6.73 -18.81	168.05 4.56 -109.59	66.03 4.58 -1.14	58.55 3.41 -5.25	68.66 3.40 -1.61	62.38 3.00 -0.06