

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1	78.05	76.46	66.44	59.20	63.69	64.71	75.69	82.12	85.32	101.15	84.46	94.02	96.58	123.61	368.25	575.80	805.61	970.22	450.94	620.48	327.80	122.88	121.15	74.07	
24138	5.80	4.92	4.24	4.00	4.23	4.41	4.94	5.77	6.49	9.46	9.32	10.87	11.74	14.53	18.98	17.14	43.95	63.60	47.84	70.77	36.20	12.57	10.26	5.15	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	-7.99	-212.60	-437.08	-450.07	-441.72	-46.77	-0.79	0.00	0.00	-0.51	0.00	
74TH STREET_GT_1	78.04	76.54	66.53	59.28	63.84	64.79	75.78	82.29	85.53	100.96	84.48	94.06	96.66	123.67	368.35	574.16	805.44	971.19	451.29	621.44	328.59	123.09	121.49	74.32	
24260	5.80	5.00	4.34	4.08	4.38	4.49	5.03	5.93	6.71	9.57	9.34	10.90	11.83	14.59	19.06	17.13	44.44	64.52	48.18	71.73	37.00	12.78	10.60	5.40	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.99	-212.63	-435.45	-449.41	-441.78	-46.78	-0.79	0.00	-0.51	0.00	
74TH STREET_GT_2	78.04	76.54	66.53	59.28	63.84	64.79	75.78	82.29	85.53	100.96	84.48	94.06	96.66	123.67	368.35	574.16	805.44	971.19	451.29	621.44	328.59	123.09	121.49	74.32	
24261	5.80	5.00	4.34	4.08	4.38	4.49	5.03	5.93	6.71	9.57	9.34	10.90	11.83	14.59	19.06	17.13	44.44	64.52	48.18	71.73	37.00	12.78	10.60	5.40	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.99	-212.63	-435.45	-449.41	-441.78	-46.78	-0.79	0.00	0.00	-0.51	0.00
ADK HUDSON___FALLS	77.24	76.20	65.95	58.52	63.18	64.10	75.58	81.63	84.21	97.75	80.53	89.53	91.58	109.27	147.39	130.31	333.30	500.39	388.36	600.01	320.03	119.89	121.20	73.13	
24011	5.00	4.66	3.76	3.33	3.72	3.80	4.84	5.27	5.38	6.35	5.40	6.38	6.75	8.19	10.72	8.73	21.70	35.50	32.03	51.09	28.44	9.58	8.73	4.21	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	0.00	
ADK RESOURCE___RCVRY	77.70	76.67	66.24	58.73	63.45	64.35	76.08	82.10	84.71	98.36	81.04	90.11	92.26	110.18	148.55	131.25	334.83	503.47	390.78	604.91	322.92	120.71	122.02	73.54	
23798	5.46	5.12	4.04	3.54	4.00	4.05	5.33	5.75	5.88	6.97	5.91	6.96	7.42	9.09	11.88	9.67	23.24	38.57	34.45	56.00	31.33	10.40	9.60	4.62	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	
ADK S GLENS___FALLS	77.24	76.20	65.95	58.52	63.18	64.10	75.58	81.63	84.21	97.75	80.53	89.53	91.58	109.27	147.39	130.31	333.30	500.39	388.36	600.01	320.03	119.89	121.20	73.13	
24028	5.00	4.66	3.76	3.33	3.72	3.80	4.84	5.27	5.38	6.35	5.40	6.38	6.75	8.19	10.72	8.73	21.70	35.50	32.03	51.09	28.44	9.58	8.73	4.21	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	0.00	
ADK_NYS___DAM	75.46	74.68	64.66	57.54	62.41	63.24	74.07	80.10	82.64	96.23	79.48	88.16	90.06	108.95	180.30	199.19	398.91	558.66	382.25	578.21	308.71	116.59	119.73	71.70	
23527	3.22	3.14	2.47	2.34	2.95	2.94	3.32	3.74	3.82	4.83	4.35	5.01	5.23	6.54	8.38	5.41	12.81	20.52	18.16	29.16	17.12	6.28	6.27	2.77	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	-35.25	-72.19	-74.51	-73.24	-7.76	-0.13	0.00	0.00	-3.08	0.00	
AIR_PRODUCTS___DRP	72.88	72.14	62.82	55.85	60.18	61.08	71.43	77.16	79.56	92.65	76.70	85.12	87.16	104.07	140.34	124.59	318.29	475.14	364.94	561.73	298.73	112.56	107.11	69.28	
24190	0.64	0.60	0.62	0.66	0.73	0.78	0.68	0.80	0.74	1.25	1.57	1.97	2.33	2.99	3.67	3.01	6.70	10.25	8.61	12.81	7.13	2.25	1.64	0.36	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	0.00	
AKWESSNE_115KV_BK	70.65	70.65	61.51	54.67	59.09	59.77	70.20	75.49	78.12	89.86	72.29	79.97	81.48	96.54	130.02	116.00	297.92	444.51	341.26	527.97	280.12	106.53	107.69	67.73	
355683	-1.59	-0.89	-0.68	-0.53	-0.37	-0.53	-0.55	-0.86	-0.70	-1.53	-2.84	-3.18	-3.36	-4.55	-6.65	-5.58	-13.67	-20.39	-15.07	-20.95	-11.47	-3.78	-2.69	-1.19	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.21	72.53	63.17	56.05	60.41	61.30	71.56	76.89	78.86	91.77	51.22	83.91	85.92	102.40	137.86	122.39	312.96	468.52	362.63	559.65	298.42	112.63	107.32	69.52	
323833	0.96	0.99	0.98	0.86	0.95	1.00	0.81	0.53	0.04	0.37	0.52	0.76	1.09	1.31	1.19	0.81	1.36	3.62	6.30	10.73	6.83	2.32	1.68	0.60	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.73	0.00	
ALBANY_2_SOLAR	73.17	72.49	63.15	56.03	60.39	61.27	71.54	76.86	78.84	91.74	51.20	83.88	85.91	102.38	137.85	122.37	312.79	468.38	362.43	559.46	298.32	112.59	107.29	69.50	
323834	0.92	0.95	0.96	0.84	0.93	0.97	0.79	0.50	0.01	0.34	0.49	0.73	1.08	1.29	1.18	0.79	1.20	3.49	6.10	10.54	6.73	2.28	1.63	0.57	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.73	0.00	
ALBANY___1	72.88	72.14	62.82	55.85	60.18	61.08	71.43	77.16	79.56	92.65	76.70	85.12	87.16	104.07	140.34	124.59	318.29	475.14	364.94	561.73	298.73	112.56	107.11	69.28	
23571	0.64	0.60	0.62	0.66	0.73	0.78	0.68	0.80	0.74	1.25	1.57	1.97	2.33	2.99	3.67	3.01	6.70	10.25	8.61	12.81	7.13	2.25	1.64	0.36	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	0.00	

ALBANY___2 23572	72.88 0.64 0.00	72.14 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.43 0.68 0.00	77.16 0.80 0.00	79.56 0.74 0.00	92.65 1.25 0.00	76.70 1.57 0.00	85.12 1.97 0.00	87.16 2.33 0.00	104.07 2.99 0.00	140.34 3.67 0.00	124.59 3.01 0.00	318.29 6.70 0.00	475.14 10.25 0.00	364.94 8.61 0.00	561.73 12.81 0.00	298.73 7.13 0.00	112.56 2.25 0.00	107.11 1.64 4.92	69.28 0.36 0.00
ALBANY___3 23573	72.88 0.64 0.00	72.14 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.43 0.68 0.00	77.16 0.80 0.00	79.56 0.74 0.00	92.65 1.25 0.00	76.70 1.57 0.00	85.12 1.97 0.00	87.16 2.33 0.00	104.07 2.99 0.00	140.34 3.67 0.00	124.59 3.01 0.00	318.29 6.70 0.00	475.14 10.25 0.00	364.94 8.61 0.00	561.73 12.81 0.00	298.73 7.13 0.00	112.56 2.25 0.00	107.11 1.64 4.92	69.28 0.36 0.00
ALBANY___4 23574	72.88 0.64 0.00	72.14 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.43 0.68 0.00	77.16 0.80 0.00	79.56 0.74 0.00	92.65 1.25 0.00	76.70 1.57 0.00	85.12 1.97 0.00	87.16 2.33 0.00	104.07 2.99 0.00	140.34 3.67 0.00	124.59 3.01 0.00	318.29 6.70 0.00	475.14 10.25 0.00	364.94 8.61 0.00	561.73 12.81 0.00	298.73 7.13 0.00	112.56 2.25 0.00	107.11 1.64 4.92	69.28 0.36 0.00
ALBANY___LFGE 323615	74.00 1.76 0.00	73.18 1.64 0.00	63.67 1.47 0.00	56.58 1.39 0.00	60.98 1.52 0.00	61.91 1.61 0.00	72.44 1.69 0.00	78.31 1.95 0.00	80.81 1.98 0.00	94.13 2.74 0.00	77.93 2.80 0.00	86.55 3.40 0.00	88.59 3.76 0.00	105.79 4.70 0.00	142.71 6.04 0.00	126.62 5.04 0.00	323.75 12.16 0.00	483.47 18.57 0.00	371.40 15.07 0.00	571.52 22.60 0.00	303.84 12.25 0.00	114.40 4.09 0.00	114.21 3.38 -0.45	70.31 1.38 0.00
ALCOA_PA_115KV_PL-6C 55860	71.38 -0.87 0.00	70.74 -0.80 0.00	61.78 -0.42 0.00	54.92 -0.28 0.00	59.33 -0.13 0.00	60.02 -0.28 0.00	70.51 -0.24 0.00	75.80 -0.55 0.00	78.39 -0.43 0.00	89.47 -1.92 0.00	72.18 -2.95 0.00	79.36 -3.78 0.00	80.80 -4.03 0.00	95.65 -5.44 0.00	129.44 -7.23 0.00	115.72 -5.87 0.00	297.09 -14.51 0.00	443.38 -21.51 0.00	340.82 -15.52 0.00	528.75 -20.17 0.00	281.02 -10.58 0.00	106.99 -3.32 0.00	108.52 -1.86 0.00	68.24 -0.68 0.00
ALCOA_RYNLDS___DRP 24188	71.38 -0.87 0.00	70.74 -0.80 0.00	61.78 -0.42 0.00	54.92 -0.28 0.00	59.33 -0.13 0.00	60.02 -0.28 0.00	70.51 -0.24 0.00	75.80 -0.55 0.00	78.39 -0.43 0.00	89.47 -1.92 0.00	72.18 -2.95 0.00	79.36 -3.78 0.00	80.80 -4.03 0.00	95.65 -5.44 0.00	129.44 -7.23 0.00	115.72 -5.87 0.00	297.09 -14.51 0.00	443.38 -21.51 0.00	340.82 -15.52 0.00	528.75 -20.17 0.00	281.02 -10.58 0.00	106.99 -3.32 0.00	108.52 -1.86 0.00	68.24 -0.68 0.00
ALCOA___DSASP 323711	71.38 -0.87 0.00	70.74 -0.81 0.00	61.78 -0.42 0.00	54.92 -0.28 0.00	59.33 -0.13 0.00	60.02 -0.28 0.00	70.51 -0.24 0.00	75.81 -0.55 0.00	78.39 -0.43 0.00	89.47 -1.92 0.00	72.18 -2.95 0.00	79.37 -3.78 0.00	80.80 -4.03 0.00	95.65 -5.44 0.00	129.44 -7.23 0.00	115.72 -5.87 0.00	297.09 -14.50 0.00	443.35 -21.55 0.00	340.83 -15.51 0.00	528.81 -20.11 0.00	281.02 -10.58 0.00	106.98 -3.32 0.00	108.52 -1.86 0.00	68.24 -0.68 0.00
ALLEGHENY___COGEN 23514	75.84 3.60 0.00	73.70 2.16 0.00	63.82 1.62 0.00	56.08 0.89 0.00	59.99 0.53 0.00	61.34 1.04 0.00	71.83 1.08 0.00	77.30 0.95 0.00	80.14 1.32 0.00	92.05 0.66 0.00	76.20 1.07 0.00	84.77 1.62 0.00	82.31 -2.53 0.00	93.70 -7.38 0.00	130.50 -6.17 0.00	116.71 -4.87 0.00	297.08 -14.52 0.00	446.43 -18.46 0.00	349.25 -7.09 0.00	544.26 -4.66 0.00	290.03 -1.56 0.00	107.80 -2.51 0.00	116.20 5.81 0.00	71.56 2.63 0.00
ALTAMONT_115KV_TB 2 55880	74.00 1.76 0.00	73.21 1.67 0.00	63.68 1.49 0.00	56.54 1.35 0.00	60.92 1.47 0.00	61.83 1.53 0.00	72.40 1.66 0.00	78.24 1.89 0.00	80.66 1.84 0.00	93.87 2.48 0.00	79.02 2.48 -1.41	86.15 3.00 0.00	88.13 3.29 0.00	105.20 4.11 0.00	141.88 5.21 0.00	125.89 4.31 0.00	322.38 10.79 0.00	481.61 16.71 0.00	369.83 13.50 0.00	569.50 20.58 0.00	302.79 11.20 0.00	114.13 3.82 0.00	110.88 3.16 2.66	70.32 1.40 0.00
ALTONA_WT_PWR 323606	70.58 -1.66 0.00	70.01 -1.53 0.00	60.81 -1.39 0.00	54.15 -1.04 0.00	58.46 -0.99 0.00	59.16 -1.14 0.00	69.41 -1.34 0.00	74.83 -1.53 0.00	77.28 -1.54 0.00	89.24 -2.16 0.00	71.96 -3.17 0.00	79.21 -3.94 0.00	80.74 -4.09 0.00	95.52 -5.56 0.00	129.19 -7.47 0.00	114.89 -6.69 0.00	295.96 -15.63 0.00	440.33 -24.56 0.00	339.25 -17.08 0.00	525.60 -23.31 0.00	279.18 -12.41 0.00	106.70 -3.61 0.00	107.60 -2.78 0.00	67.12 -1.80 0.00
AMERICAN_REF_FUEL 24010	71.36 -0.89 0.00	69.55 -1.99 0.00	60.73 -1.46 0.00	52.85 -2.34 0.00	56.25 -3.21 0.00	57.42 -2.88 0.00	66.66 -4.08 0.00	71.79 -4.57 0.00	76.01 -2.81 0.00	87.90 -3.49 0.00	73.26 -1.87 0.00	81.49 -1.66 0.00	80.97 -3.86 0.00	95.59 -5.50 0.00	130.03 -6.63 0.00	116.22 -5.36 0.00	298.05 -13.54 0.00	449.05 -15.85 0.00	340.38 -15.95 0.00	522.84 -26.08 0.00	276.39 -15.20 0.00	102.62 -7.69 0.00	104.57 -5.81 0.00	66.53 -2.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	74.58 2.34 0.00	72.06 0.52 0.00	62.35 0.16 0.00	54.70 -0.49 0.00	58.15 -1.31 0.00	59.60 -0.70 0.00	69.75 -0.99 0.00	75.79 -0.57 0.00	79.96 1.14 0.00	92.79 1.40 0.00	77.47 2.34 0.00	86.16 3.01 0.00	85.80 0.97 0.00	102.30 1.21 0.00	139.49 2.82 0.00	124.51 2.93 0.00	320.44 8.85 0.00	483.35 18.46 0.00	367.45 11.11 0.00	564.54 15.63 0.00	298.38 6.79 0.00	111.10 0.79 0.00	111.32 0.94 0.00	69.84 0.92 0.00
ARTHUR KILL_GT_1 23520	77.66 5.41 0.00	75.78 4.24 0.00	65.91 3.71 0.00	58.97 3.78 0.00	63.12 3.67 0.00	64.10 3.80 0.00	73.60 3.81 0.95	80.67 4.31 0.00	84.06 5.23 0.00	96.19 8.28 3.49	83.58 8.23 -0.22	92.09 9.24 0.30	95.14 10.35 0.04	121.36 12.70 -7.57	364.97 16.53 -211.77	546.60 15.31 -409.71	790.05 40.02 -438.45	963.94 57.26 -441.78	448.26 45.15 -46.78	617.92 68.21 -0.79	327.20 35.61 0.00	122.48 12.18 0.00	120.80 9.91 -0.51	73.90 4.97 0.00
ARTHUR_KILL_2 23512	77.30 5.05 0.00	75.42 3.88 0.00	65.61 3.42 0.00	58.73 3.54 0.00	62.87 3.41 0.00	63.83 3.53 0.00	73.27 3.47 0.95	80.30 3.94 0.00	83.66 4.84 0.00	95.58 7.67 3.49	83.15 7.80 -0.22	91.62 8.77 0.30	94.67 9.87 0.04	120.77 12.11 -7.57	364.24 15.80 -211.77	545.16 13.87 -409.71	788.22 38.18 -438.45	961.34 54.67 -441.78	445.86 42.74 -46.78	614.32 64.61 -0.79	325.37 33.77 0.00	121.79 11.48 0.00	120.14 9.25 -0.51	73.53 4.61 0.00
ARTHUR_KILL_3 23513	76.76 4.52 0.00	74.81 3.68 0.41	64.85 3.19 0.53	58.38 3.19 0.00	62.79 3.33 0.00	63.68 3.44 0.06	73.49 3.70 0.96	80.80 4.45 0.01	83.95 5.13 0.00	95.02 7.81 4.18	77.24 8.06 5.95	87.85 9.49 4.79	92.39 10.30 2.74	115.96 12.86 -2.01	356.64 16.53 -203.43	546.92 14.84 -410.50	792.55 38.51 -442.45	962.06 55.42 -441.75	444.28 41.17 -46.78	611.46 61.75 -0.79	323.33 31.74 0.00	121.15 10.84 0.00	119.38 8.49 -0.51	73.04 4.12 0.00

ARTHUR_KILL_COGEN 323718	77.66 5.42 0.00	75.77 4.23 0.00	65.91 3.71 0.00	58.97 3.78 0.00	63.12 3.67 0.00	64.11 3.81 0.00	73.60 3.80 0.95	80.67 4.31 0.00	84.05 5.23 0.00	96.03 8.12 3.49	83.54 8.19 -0.22	92.04 9.20 0.30	95.11 10.31 0.04	121.33 12.67 -7.57	364.97 16.53 -211.77	545.88 14.59 -409.71	790.10 40.05 -438.45	964.10 57.43 -441.78	448.01 67.93 -46.78	617.63 327.24 -0.79	327.24 35.65 0.00	122.48 12.18 0.00	120.77 9.88 -0.51	73.90 4.98 0.00
ASHOKAN____ 23654	76.49 4.25 0.00	75.18 3.64 0.00	65.18 2.99 0.00	57.78 2.59 0.00	62.18 2.72 0.00	63.14 2.84 0.00	74.07 3.32 0.00	80.49 4.13 0.00	82.72 3.90 0.00	96.68 5.29 0.00	57.74 5.37 22.77	89.42 6.27 0.00	91.51 6.67 0.00	111.82 8.61 -2.12	205.68 12.50 -56.51	250.58 13.27 -115.73	465.52 34.48 -119.44	633.64 51.33 -117.41	408.03 39.26 -12.43	608.74 59.61 -0.21	322.70 31.10 0.00	121.15 10.84 0.00	115.81 8.91 3.48	73.29 4.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	77.48 5.23 -0.01	76.02 4.47 -0.01	66.13 3.93 -0.01	58.95 3.75 0.00	63.41 3.95 0.00	64.48 4.18 0.00	75.37 4.62 0.00	81.66 5.30 -0.01	84.83 6.00 -0.01	100.54 8.88 -0.26	83.85 8.69 -0.03	93.48 9.70 -0.63	96.68 10.52 -1.33	124.43 13.09 -10.25	370.40 17.01 -216.72	580.94 15.25 -444.11	805.98 39.66 -454.73	972.76 57.78 -450.09	453.12 44.12 -52.67	618.81 66.21 -3.68	327.94 34.05 -2.29	122.64 11.69 -0.64	120.41 9.53 -0.51	73.78 4.85 0.00
ASTORIA_EAST_ENERGY_CC2 323582	77.48 5.23 -0.01	76.02 4.47 -0.01	66.13 3.93 -0.01	58.95 3.75 0.00	63.41 3.95 0.00	64.48 4.18 0.00	75.37 4.62 0.00	81.66 5.30 -0.01	84.83 6.00 -0.01	100.54 8.88 -0.26	83.85 8.69 -0.03	93.48 9.70 -0.63	96.68 10.52 -1.33	124.43 13.09 -10.25	370.40 17.01 -216.72	580.94 15.25 -444.11	805.98 39.66 -454.73	972.76 57.78 -450.09	453.12 44.12 -52.67	618.81 66.21 -3.68	327.94 34.05 -2.29	122.64 11.69 -0.64	120.41 9.53 -0.51	73.78 4.85 0.00
ASTORIA_GT2_1 24094	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT2_2 24095	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT2_3 24096	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT2_4 24097	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT3_1 24098	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT3_2 24099	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT3_3 24100	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT3_4 24101	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT4_1 24102	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT4_2 24103	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT4_3 24104	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00

ASTORIA_GT4_4 24105	77.52 5.27 0.00	76.03 4.49 0.00	66.15 3.96 0.00	58.97 3.78 0.00	63.45 3.99 0.00	64.52 4.22 0.00	75.40 4.65 0.00	81.71 5.36 0.00	84.88 6.05 0.00	100.62 8.97 -0.26	83.91 8.75 -0.03	93.53 9.75 -0.63	96.75 10.59 -1.33	124.49 13.16 -10.25	370.45 17.06 -216.72	581.18 15.49 -444.11	806.09 39.76 -454.73	972.97 57.99 -450.09	453.12 44.11 -52.67	618.88 66.29 -3.68	328.01 34.13 -2.29	122.70 11.75 -0.64	120.48 9.60 -0.51	73.82 4.89 0.00
ASTORIA_GT_1 23523	77.73 5.49 0.00	76.25 4.70 0.00	66.33 4.14 0.00	59.12 3.93 0.00	63.59 4.14 0.00	64.69 4.39 0.00	75.60 4.85 0.00	81.96 5.60 0.00	85.14 6.31 0.00	100.93 9.28 -0.26	84.18 9.02 -0.03	93.84 10.06 -0.63	97.07 10.91 -1.33	124.87 13.53 -10.25	370.95 17.56 -216.72	581.67 15.97 -444.11	807.25 40.93 -454.73	974.83 59.84 -450.09	454.58 45.58 -52.67	621.08 68.48 -3.68	329.18 35.29 -2.29	123.09 12.15 -0.64	120.87 9.98 -0.51	74.04 5.12 0.00
ASTORIA_GT_10 24110	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.59 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.89 0.00	74.98 4.23 0.00	81.27 4.92 0.00	84.44 5.61 0.00	105.58 8.49 -5.69	92.36 8.44 -8.78	99.97 9.73 -7.08	99.55 10.67 -4.05	131.11 13.19 -16.83	379.90 17.03 -226.20	606.77 15.41 -469.77	810.04 39.87 -458.58	964.32 57.64 -441.78	445.90 42.78 -46.78	613.21 63.50 -0.79	324.22 32.62 0.00	121.47 11.16 0.00	119.83 8.94 -0.51	73.35 4.43 0.00
ASTORIA_GT_11 24225	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.59 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.89 0.00	74.98 4.23 0.00	81.27 4.92 0.00	84.44 5.61 0.00	105.58 8.49 -5.69	92.36 8.44 -8.78	99.97 9.73 -7.08	99.55 10.67 -4.05	131.11 13.19 -16.83	379.90 17.03 -226.20	606.77 15.41 -469.77	810.04 39.87 -458.58	964.32 57.64 -441.78	445.90 42.78 -46.78	613.21 63.50 -0.79	324.22 32.62 0.00	121.47 11.16 0.00	119.83 8.94 -0.51	73.35 4.43 0.00
ASTORIA_GT_12 24226	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.59 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.89 0.00	74.98 4.23 0.00	81.27 4.92 0.00	84.44 5.61 0.00	105.58 8.49 -5.69	92.36 8.44 -8.78	99.97 9.73 -7.08	99.55 10.67 -4.05	131.11 13.19 -16.83	379.90 17.03 -226.20	606.77 15.41 -469.77	810.04 39.87 -458.58	964.32 57.64 -441.78	445.90 42.78 -46.78	613.21 63.50 -0.79	324.22 32.62 0.00	121.47 11.16 0.00	119.83 8.94 -0.51	73.35 4.43 0.00
ASTORIA_GT_13 24227	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.59 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.89 0.00	74.98 4.23 0.00	81.27 4.92 0.00	84.44 5.61 0.00	105.58 8.49 -5.69	92.36 8.44 -8.78	99.97 9.73 -7.08	99.55 10.67 -4.05	131.11 13.19 -16.83	379.90 17.03 -226.20	606.77 15.41 -469.77	810.04 39.87 -458.58	964.32 57.64 -441.78	445.90 42.78 -46.78	613.21 63.50 -0.79	324.22 32.62 0.00	121.47 11.16 0.00	119.83 8.94 -0.51	73.35 4.43 0.00
ASTORIA_GT_5 24106	77.73 5.49 0.00	76.25 4.70 0.00	66.33 4.14 0.00	59.12 3.93 0.00	63.59 4.14 0.00	64.69 4.39 0.00	75.60 4.85 0.00	81.96 5.60 0.00	85.14 6.31 0.00	100.93 9.28 -0.26	84.18 9.02 -0.03	93.84 10.06 -0.63	97.07 10.91 -1.33	124.87 13.53 -10.25	370.95 17.56 -216.72	581.67 15.97 -444.11	807.25 40.93 -454.73	974.83 59.84 -450.09	454.58 45.58 -52.67	621.08 68.48 -3.68	329.18 35.29 -2.29	123.09 12.15 -0.64	120.87 9.98 -0.51	74.04 5.12 0.00
ASTORIA_GT_7 24107	77.73 5.49 0.00	76.25 4.70 0.00	66.33 4.14 0.00	59.12 3.93 0.00	63.59 4.14 0.00	64.69 4.39 0.00	75.60 4.85 0.00	81.96 5.60 0.00	85.14 6.31 0.00	100.93 9.28 -0.26	84.18 9.02 -0.03	93.84 10.06 -0.63	97.07 10.91 -1.33	124.87 13.53 -10.25	370.95 17.56 -216.72	581.67 15.97 -444.11	807.25 40.93 -454.73	974.83 59.84 -450.09	454.58 45.58 -52.67	621.08 68.48 -3.68	329.18 35.29 -2.29	123.09 12.15 -0.64	120.87 9.98 -0.51	74.04 5.12 0.00
ASTORIA_GT_8 24108	77.73 5.49 0.00	76.25 4.70 0.00	66.33 4.14 0.00	59.12 3.93 0.00	63.59 4.14 0.00	64.69 4.39 0.00	75.60 4.85 0.00	81.96 5.60 0.00	85.14 6.31 0.00	100.93 9.28 -0.26	84.18 9.02 -0.03	93.84 10.06 -0.63	97.07 10.91 -1.33	124.87 13.53 -10.25	370.95 17.56 -216.72	581.67 15.97 -444.11	807.25 40.93 -454.73	974.83 59.84 -450.09	454.58 45.58 -52.67	621.08 68.48 -3.68	329.18 35.29 -2.29	123.09 12.15 -0.64	120.87 9.98 -0.51	74.04 5.12 0.00
ASTORIA___2 24149	77.52 5.28 -0.01	76.04 4.49 -0.01	66.16 3.96 -0.01	58.98 3.78 0.00	63.44 3.99 0.00	64.53 4.23 0.00	75.40 4.65 0.00	81.72 5.35 -0.01	84.87 6.04 -0.01	100.58 8.92 -0.26	83.89 8.73 -0.03	93.51 9.73 -0.63	96.71 10.56 -1.33	124.49 13.15 -10.25	370.48 17.09 -216.72	581.03 15.33 -444.11	806.03 39.71 -454.73	972.96 57.98 -450.09	453.30 44.29 -52.67	619.09 66.49 -3.68	328.03 34.14 -2.29	122.69 11.74 -0.64	120.46 9.58 -0.51	73.82 4.89 0.00
ASTORIA___3 23516	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.58 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.90 0.00	74.98 4.23 0.00	81.26 4.90 0.00	84.43 5.61 0.00	105.55 8.47 -5.69	92.34 8.42 -8.78	99.94 9.71 -7.08	99.53 10.65 -4.05	131.10 13.18 -16.83	379.91 17.05 -226.20	606.61 15.26 -469.77	810.04 39.87 -458.58	964.46 57.79 -441.78	445.90 42.78 -46.78	613.23 63.52 -0.79	324.28 32.68 0.00	121.47 11.16 0.00	119.81 8.93 -0.51	73.35 4.42 0.00
ASTORIA___4 23517	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.59 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.89 0.00	74.98 4.23 0.00	81.27 4.92 0.00	84.44 5.61 0.00	105.58 8.49 -5.69	92.36 8.44 -8.78	99.97 9.73 -7.08	99.55 10.67 -4.05	131.11 13.19 -16.83	379.90 17.03 -226.20	606.77 15.41 -469.77	810.04 39.87 -458.58	964.32 57.64 -441.78	445.90 42.78 -46.78	613.21 63.50 -0.79	324.22 32.62 0.00	121.47 11.16 0.00	119.83 8.94 -0.51	73.35 4.42 0.00
ASTORIA___5 23518	77.07 4.82 0.00	75.60 4.06 0.00	65.78 3.58 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.90 0.00	74.98 4.23 0.00	81.26 4.90 0.00	84.43 5.61 0.00	105.54 8.46 -5.69	92.33 8.41 -8.78	99.94 9.71 -7.08	99.53 10.65 -4.05	131.10 13.18 -16.83	379.91 17.05 -226.20	606.61 15.26 -469.77	810.04 39.87 -458.58	964.46 57.79 -441.78	445.88 42.76 -46.78	613.18 63.47 -0.79	324.26 32.66 0.00	121.46 11.16 0.00	119.81 8.93 -0.51	73.35 4.42 0.00
AST_ENERGY_2_CC3 323677	77.12 4.88 0.00	75.64 4.10 0.00	65.73 3.53 0.00	58.60 3.41 0.00	63.08 3.62 0.00	64.04 3.75 0.00	74.85 4.10 0.00	81.24 4.88 0.00	84.40 5.57 0.00	99.62 8.23 0.00	83.40 8.27 0.00	92.90 9.75 0.00	95.42 10.58 0.00	122.27 13.20 -7.99	366.45 17.17 -212.61	572.47 15.47 -435.42	801.08 40.10 -449.38	964.65 58.00 -441.75	446.32 43.21 -46.78	613.91 64.20 -0.79	324.54 32.94 0.00	121.68 11.37 0.00	120.01 9.12 -0.51	73.39 4.47 0.00
AST_ENERGY_2_CC4 323678	77.12 4.88 0.00	75.64 4.10 0.00	65.73 3.53 0.00	58.60 3.41 0.00	63.08 3.62 0.00	64.04 3.75 0.00	74.85 4.10 0.00	81.24 4.88 0.00	84.40 5.57 0.00	99.62 8.23 0.00	83.40 8.27 0.00	92.90 9.75 0.00	95.42 10.58 0.00	122.27 13.20 -7.99	366.45 17.17 -212.61	572.47 15.47 -435.42	801.08 40.10 -449.38	964.65 58.00 -441.75	446.32 43.21 -46.78	613.91 64.20 -0.79	324.54 32.94 0.00	121.68 11.37 0.00	120.01 9.12 -0.51	73.39 4.47 0.00

ATHENS_STG_1 23668	74.92 2.67 0.00	73.96 2.42 0.00	64.31 2.11 0.00	57.08 1.89 0.00	61.48 2.02 0.00	62.39 2.09 0.00	73.06 2.31 0.00	79.07 2.71 0.00	81.60 2.77 0.00	95.25 3.86 0.00	79.11 3.98 0.00	87.95 4.80 0.00	90.05 5.22 0.00	103.40 6.51 4.19	33.59 8.48 111.56	-112.35 7.21 241.14	78.88 18.63 251.34	245.55 27.74 247.08	350.96 20.79 26.16	579.33 30.86 0.44	307.90 16.31 0.00	115.92 5.61 0.00	114.99 4.61 0.00	71.11 2.19 0.00
ATHENS_STG_2 23670	74.92 2.67 0.00	73.96 2.42 0.00	64.31 2.11 0.00	57.08 1.89 0.00	61.48 2.02 0.00	62.39 2.09 0.00	73.06 2.31 0.00	79.07 2.71 0.00	81.60 2.77 0.00	95.25 3.86 0.00	79.11 3.98 0.00	87.95 4.80 0.00	90.05 5.22 0.00	103.40 6.51 4.19	33.59 8.48 111.56	-112.35 7.21 241.14	78.88 18.63 251.34	245.55 27.74 247.08	350.96 20.79 26.16	579.33 30.86 0.44	307.90 16.31 0.00	115.92 5.61 0.00	114.99 4.61 0.00	71.11 2.19 0.00
ATHENS_STG_3 23677	74.92 2.67 0.00	73.96 2.42 0.00	64.31 2.11 0.00	57.08 1.89 0.00	61.48 2.02 0.00	62.39 2.09 0.00	73.06 2.31 0.00	79.07 2.71 0.00	81.60 2.77 0.00	95.25 3.86 0.00	79.11 3.98 0.00	87.95 4.80 0.00	90.05 5.22 0.00	103.40 6.51 4.19	33.59 8.48 111.56	-112.35 7.21 241.14	78.88 18.63 251.34	245.55 27.74 247.08	350.96 20.79 26.16	579.33 30.86 0.44	307.90 16.31 0.00	115.92 5.61 0.00	114.99 4.61 0.00	71.11 2.19 0.00
AUBURN____LFGE 323710	73.76 1.52 0.00	72.56 1.02 0.00	62.71 0.52 0.00	55.48 0.29 0.00	59.68 0.23 0.00	60.80 0.50 0.00	71.11 0.36 0.00	77.11 0.75 0.00	79.74 0.91 0.00	92.32 0.92 0.00	76.31 1.17 0.00	84.74 1.59 0.00	86.11 1.27 0.00	102.55 1.47 0.00	139.10 2.43 0.00	124.16 2.58 0.00	316.13 4.54 0.00	472.22 7.33 0.00	361.79 5.46 0.00	557.97 9.05 0.00	297.27 5.67 0.00	112.11 1.80 0.00	115.11 1.72 -3.01	72.04 1.06 -2.06
BABYLON_RES_REC 323704	90.62 5.46 -12.92	82.28 4.58 -6.16	79.49 4.31 -12.99	68.54 3.99 -9.36	73.08 4.14 -9.48	68.85 4.32 -4.23	76.56 4.82 -0.99	83.49 5.72 -1.41	86.27 6.29 -1.16	99.99 8.02 -0.58	84.62 7.76 -1.73	105.78 9.44 -13.18	132.32 12.97 -37.17	175.98 16.94 -61.91	388.12 16.54 -234.51	662.22 16.54 -524.10	875.48 42.40 -521.49	1103.40 61.61 -576.90	564.90 46.72 -161.85	683.59 70.40 -64.27	364.64 35.91 -37.13	185.25 12.42 -62.52	124.89 9.55 -4.96	75.74 4.49 -2.32
BALL_HILL_WT_PWR 323825	73.61 1.37 0.00	71.48 -0.06 0.00	61.90 -0.29 0.00	54.26 -0.93 0.00	57.76 -1.70 0.00	59.05 -1.25 0.00	68.92 -1.83 0.00	74.71 -1.83 0.00	78.87 0.05 0.00	91.42 0.02 0.00	76.10 0.97 0.00	84.74 1.59 0.00	84.52 -0.31 0.00	100.57 0.00 0.00	137.32 0.65 0.00	122.47 0.88 0.00	314.74 3.14 0.00	473.77 8.88 0.00	359.90 3.57 0.00	552.79 3.87 0.00	292.12 0.53 0.00	108.74 -1.57 0.00	109.40 -0.98 0.00	68.85 -0.08 0.00
BARON_WINDS____WT_PWR 323822	72.80 0.56 0.00	71.19 -0.35 0.00	61.78 -0.41 0.00	54.70 -0.49 0.00	58.58 -0.88 0.00	59.83 -0.47 0.00	69.93 -0.82 0.00	75.46 -0.90 0.00	78.70 -0.13 0.00	91.27 -0.12 0.00	75.92 0.79 0.00	84.89 1.74 0.00	85.68 0.84 0.00	101.16 0.08 0.00	138.50 1.83 0.00	123.39 1.81 0.00	315.11 3.52 0.00	471.53 6.63 0.00	362.07 5.74 0.00	559.06 10.14 0.00	296.73 5.14 0.00	111.15 0.85 0.00	111.95 0.73 -0.84	69.93 0.42 -0.58
BARRETT_IC_1 23704	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_10 23701	195.45 5.37 -117.84	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	122.01 8.00 -22.61	93.40 7.74 -10.53	97.81 9.55 -5.11	108.06 10.32 -12.91	97.84 12.91 16.16	195.25 17.00 -41.58	428.78 15.23 -291.97	771.16 39.72 -419.84	938.04 58.18 -414.96	474.40 43.91 -74.16	592.05 65.34 22.21	258.47 33.72 66.85	195.53 11.64 -73.58	150.57 9.25 -30.93	160.73 4.56 -87.25
BARRETT_IC_11 23702	195.45 5.37 -117.84	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	122.01 8.00 -22.61	93.40 7.74 -10.53	97.81 9.55 -5.11	108.06 10.32 -12.91	97.84 12.91 16.16	195.25 17.00 -41.58	428.78 15.23 -291.97	771.16 39.72 -419.84	938.04 58.18 -414.96	474.40 43.91 -74.16	592.05 65.34 22.21	258.47 33.72 66.85	195.53 11.64 -73.58	150.57 9.25 -30.93	160.73 4.56 -87.25
BARRETT_IC_12 23703	195.45 5.37 -117.84	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	122.01 8.00 -22.61	93.40 7.74 -10.53	97.81 9.55 -5.11	108.06 10.32 -12.91	97.84 12.91 16.16	195.25 17.00 -41.58	428.78 15.23 -291.97	771.16 39.72 -419.84	938.04 58.18 -414.96	474.40 43.91 -74.16	592.05 65.34 22.21	258.47 33.72 66.85	195.53 11.64 -73.58	150.57 9.25 -30.93	160.73 4.56 -87.25
BARRETT_IC_2 23705	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_3 23706	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_4 23707	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_5 23708	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33

BARRETT_IC_6 23709	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_7 23710	199.74 5.37 -122.13	162.73 4.59 -86.59	172.25 4.22 -105.84	166.43 3.91 -107.32	172.27 4.14 -108.67	113.13 4.27 -48.55	86.82 4.74 -11.34	97.62 5.54 -15.72	99.31 6.07 -14.41	149.36 8.00 -49.96	127.19 7.87 -44.19	243.32 9.62 -150.55	389.24 10.42 -293.99	461.81 12.91 -347.81	694.63 16.98 -540.98	1705.99 15.29 -1569.12	1752.18 39.83 -1400.76	2686.27 58.39 -2162.98	1797.33 43.94 -1397.06	1104.44 65.69 -489.82	549.25 33.83 -223.82	402.47 11.64 -280.53	179.37 9.28 -59.71	169.81 4.56 -96.33
BARRETT_IC_8 23711	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT_IC_9 23700	195.45 5.37 -117.84	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	122.01 8.00 -22.61	93.40 7.74 -10.53	97.81 9.55 -5.11	108.06 10.32 -12.91	97.84 12.91 16.16	195.25 17.00 -41.58	428.78 15.23 -291.97	771.16 39.72 -419.84	938.04 58.18 -414.96	474.40 43.91 -74.16	592.05 65.34 22.21	258.47 33.72 66.85	195.53 11.64 -73.58	150.57 9.25 -30.93	160.73 4.56 -87.25
BARRETT___1 23545	199.74 5.37 -122.13	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	149.36 8.00 -49.96	127.06 7.74 -44.19	243.25 9.55 -150.55	389.14 10.32 -293.99	461.81 12.91 -347.81	694.65 17.00 -540.98	1705.94 15.23 -1569.12	1752.07 39.72 -1400.76	2686.05 58.18 -2162.98	1797.30 43.91 -1397.06	1104.09 65.34 -489.82	549.14 33.72 -223.82	402.48 11.64 -280.53	179.35 9.25 -59.71	169.81 4.56 -96.33
BARRETT___2 23546	195.45 5.37 -117.84	162.71 4.58 -86.59	172.25 4.22 -105.84	166.43 3.92 -107.32	172.28 4.14 -108.67	113.13 4.27 -48.55	86.82 4.73 -11.34	97.61 5.54 -15.72	99.30 6.06 -14.41	122.01 8.00 -22.61	93.40 7.74 -10.53	97.81 9.55 -5.11	108.06 10.32 -12.91	97.84 12.91 16.16	195.25 17.00 -41.58	428.78 15.23 -291.97	771.16 39.72 -419.84	938.04 58.18 -414.96	474.40 43.91 -74.16	592.05 65.34 22.21	258.47 33.72 66.85	195.53 11.64 -73.58	150.57 9.25 -30.93	160.73 4.56 -87.25
BATAVIA___115KV_TB1 55881	75.43 3.19 0.00	73.37 1.83 0.00	63.73 1.53 0.00	55.55 0.36 0.00	59.22 -0.23 0.00	60.50 0.21 0.00	70.57 -0.18 0.00	76.20 -0.15 0.00	80.24 1.41 0.00	92.96 1.57 0.00	76.99 1.86 0.00	84.96 1.81 0.00	84.53 -0.30 0.00	100.06 -1.03 0.00	135.46 -1.21 0.00	120.85 -0.73 0.00	310.10 -1.50 0.00	469.44 4.55 0.00	356.83 0.49 0.00	550.37 1.45 0.00	292.14 0.55 0.00	108.97 -1.34 0.00	111.40 1.02 0.00	70.23 1.30 0.00
BAYONEEC___CTG1 323682	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG10 323750	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG2 323683	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG3 323684	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG4 323685	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG5 323686	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG6 323687	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG7 323688	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00

BAYONEEC___CTG8 323689	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BAYONEEC___CTG9 323749	77.17 4.93 0.00	75.66 4.11 0.00	65.75 3.56 0.00	58.67 3.48 0.00	63.15 3.69 0.00	64.10 3.80 0.00	74.88 4.13 0.00	81.27 4.92 0.00	84.41 5.59 0.00	95.28 8.27 4.39	76.56 8.32 6.90	87.37 9.77 5.55	92.26 10.60 3.18	115.36 13.21 -1.06	355.80 17.15 -201.98	546.33 15.44 -409.31	794.14 40.02 -442.53	964.56 57.91 -441.75	446.32 43.21 -46.78	613.96 64.25 -0.79	324.58 32.98 0.00	121.67 11.36 0.00	120.00 9.11 -0.51	73.42 4.49 0.00
BEACON___LESR 323632	74.07 1.83 0.00	73.21 1.67 0.00	63.69 1.49 0.00	56.55 1.36 0.00	60.96 1.51 0.00	62.03 1.73 0.00	72.62 1.87 0.00	78.47 2.12 0.00	80.98 2.16 0.00	94.20 2.81 0.00	78.01 2.87 0.00	86.64 3.49 0.00	88.75 3.92 0.00	105.95 4.86 0.00	143.05 6.38 0.00	127.18 5.60 0.00	325.29 13.70 0.00	486.56 21.66 0.00	373.96 17.63 0.00	575.31 26.40 0.00	305.71 14.12 0.00	115.19 4.89 0.00	105.22 3.87 9.04	70.51 1.58 0.00
BEAVER RIVER___HYD 24048	74.05 1.81 0.00	73.93 2.39 0.00	64.13 1.94 0.00	57.04 1.85 0.00	61.18 1.73 0.00	61.89 1.59 0.00	73.00 2.26 0.00	79.01 2.66 0.00	81.22 2.40 0.00	92.94 1.54 0.00	75.62 0.49 0.00	82.51 -0.64 0.00	83.06 -1.78 0.00	98.03 -3.05 0.00	132.57 -4.10 0.00	118.27 -3.31 0.00	303.65 -7.94 0.00	453.41 -11.49 0.00	348.41 -7.93 0.00	546.35 -2.57 0.00	294.40 2.80 0.00	113.27 2.97 0.00	114.26 2.25 -1.63	71.01 0.97 -1.12
BEEBEE_GT_13 23619	74.47 2.23 0.00	72.74 1.20 0.00	63.06 0.87 0.00	55.25 0.06 0.00	59.04 -0.41 0.00	60.18 -0.12 0.00	70.34 -0.41 0.00	76.18 -0.18 0.00	79.90 1.07 0.00	92.67 1.27 0.00	76.79 1.66 0.00	85.29 2.14 0.00	85.79 0.96 0.00	102.07 0.98 0.00	138.71 2.04 0.00	123.73 2.15 0.00	316.25 4.66 0.00	473.52 8.62 0.00	360.85 4.52 0.00	554.90 5.98 0.00	294.51 2.92 0.00	110.08 -0.23 0.00	110.70 0.32 0.00	69.43 0.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	78.24 6.00 0.00	76.58 5.05 0.00	66.60 4.41 0.00	59.51 4.32 0.00	63.89 4.43 0.00	64.90 4.60 0.00	75.64 4.89 0.00	81.79 5.44 0.00	85.11 6.28 0.00	117.50 9.47 -16.64	113.87 9.31 -29.43	117.49 10.64 -23.69	110.08 11.68 -13.57	153.04 14.38 -37.58	413.52 18.82 -258.03	673.87 17.07 -535.22	829.31 44.05 -473.68	970.49 63.81 -441.78	451.34 48.23 -46.78	621.58 71.87 -0.79	328.78 37.19 0.00	123.12 12.82 0.00	121.54 10.65 -0.51	74.47 5.54 0.00
BETHLEHEM___GRP 23843	72.88 0.64 0.00	72.14 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.43 0.68 0.00	77.16 0.80 0.00	79.56 0.74 0.00	92.65 1.25 0.00	76.70 1.57 0.00	85.12 1.97 0.00	87.16 2.33 0.00	104.07 2.99 0.00	140.34 3.67 0.00	124.59 3.01 0.00	318.29 6.70 0.00	475.14 10.25 0.00	364.94 8.61 0.00	561.73 12.81 0.00	298.73 7.13 0.00	112.56 2.25 0.00	107.11 1.64 4.92	69.28 0.36 0.00
BETHLEHEM___GS1 323560	72.87 0.63 0.00	72.15 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.42 0.68 0.00	77.16 0.80 0.00	79.57 0.74 0.00	92.64 1.25 0.00	76.69 1.56 0.00	85.11 1.96 0.00	87.14 2.30 0.00	104.07 2.98 0.00	140.33 3.66 0.00	124.59 3.00 0.00	318.24 6.65 0.00	475.05 10.15 0.00	364.84 8.51 0.00	561.67 12.76 0.00	298.75 7.15 0.00	112.56 2.25 0.00	107.10 1.63 4.92	69.28 0.36 0.00
BETHLEHEM___GS2 323561	72.87 0.63 0.00	72.15 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.42 0.68 0.00	77.16 0.80 0.00	79.57 0.74 0.00	92.64 1.25 0.00	76.69 1.56 0.00	85.11 1.96 0.00	87.14 2.30 0.00	104.07 2.98 0.00	140.33 3.66 0.00	124.59 3.00 0.00	318.24 6.65 0.00	475.05 10.15 0.00	364.84 8.51 0.00	561.67 12.76 0.00	298.75 7.15 0.00	112.56 2.25 0.00	107.10 1.63 4.92	69.28 0.36 0.00
BETHLEHEM___GS3 323562	72.87 0.63 0.00	72.15 0.60 0.00	62.82 0.62 0.00	55.85 0.66 0.00	60.18 0.73 0.00	61.08 0.78 0.00	71.42 0.68 0.00	77.16 0.80 0.00	79.57 0.74 0.00	92.64 1.25 0.00	76.69 1.56 0.00	85.11 1.96 0.00	87.14 2.30 0.00	104.07 2.98 0.00	140.33 3.66 0.00	124.59 3.00 0.00	318.24 6.65 0.00	475.05 10.15 0.00	364.84 8.51 0.00	561.67 12.76 0.00	298.75 7.15 0.00	112.56 2.25 0.00	107.10 1.63 4.92	69.28 0.36 0.00
BETHLEHEM___STEEL 23779	73.48 1.24 0.00	71.45 -0.09 0.00	61.99 -0.21 0.00	54.14 -1.05 0.00	57.66 -1.80 0.00	58.89 -1.41 0.00	68.63 -2.12 0.00	74.32 -2.04 0.00	78.58 -0.24 0.00	91.01 -0.39 0.00	75.59 0.46 0.00	84.19 1.04 0.00	83.85 -0.98 0.00	99.66 -1.43 0.00	135.83 -0.84 0.00	121.23 -0.35 0.00	311.69 0.10 0.00	468.23 3.33 0.00	355.57 -0.76 0.00	546.57 -2.35 0.00	289.15 -2.45 0.00	107.47 -2.84 0.00	108.53 -1.85 0.00	68.49 -0.43 0.00
BETHLHEM_115KV_TB1 79974	73.11 0.86 0.00	72.36 0.82 0.00	62.99 0.80 0.00	55.99 0.80 0.00	60.32 0.87 0.00	61.23 0.94 0.00	71.62 0.87 0.00	77.38 1.03 0.00	79.79 0.96 0.00	92.91 1.52 0.00	76.92 1.79 0.00	85.38 2.23 0.00	87.40 2.57 0.00	104.37 3.28 0.00	140.73 4.06 0.00	124.90 3.32 0.00	319.23 7.63 0.00	476.60 11.70 0.00	366.01 9.68 0.00	563.33 14.41 0.00	299.48 7.88 0.00	112.88 2.57 0.00	107.69 1.94 4.62	69.49 0.56 0.00
BETHPAGE_CC_5 323564	93.88 5.58 -16.05	84.75 4.71 -8.50	82.33 4.44 -15.69	71.54 4.14 -12.22	76.15 4.33 -12.37	70.27 4.45 -5.52	76.97 4.93 -1.29	83.99 5.80 -1.83	86.78 6.41 -1.54	101.55 8.39 -1.77	85.93 8.17 -2.63	109.45 10.13 -16.17	138.63 11.02 -42.78	183.17 13.81 -68.27	396.68 18.11 -241.90	687.87 16.48 -549.81	897.11 42.58 -542.94	1143.76 63.29 -615.57	594.84 47.75 -190.75	695.70 71.64 -75.14	369.65 36.60 -41.46	190.04 12.76 -66.97	126.54 9.91 -6.24	78.66 4.77 -4.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	73.63 1.39 0.00	71.59 0.05 0.00	62.07 -0.13 0.00	54.23 -0.96 0.00	57.77 -1.69 0.00	59.00 -1.30 0.00	68.79 -1.96 0.00	74.54 -1.81 0.00	78.81 -0.01 0.00	91.28 -0.11 0.00	75.82 0.69 0.00	84.47 1.32 0.00	84.16 -0.67 0.00	100.08 -1.00 0.00	136.40 -0.27 0.00	121.79 0.21 0.00	313.19 1.59 0.00	470.63 5.73 0.00	357.29 0.96 0.00	549.04 0.12 0.00	290.36 -1.23 0.00	107.86 -2.44 0.00	108.83 -1.55 0.00	68.66 -0.27 0.00
BINGHAMTON___COGEN 23790	73.62 1.37 0.00	72.30 0.75 0.00	62.71 0.51 0.00	55.65 0.46 0.00	59.70 0.25 0.00	60.79 0.49 0.00	71.30 0.55 0.00	77.17 0.82 0.00	79.99 1.16 0.00	92.90 1.51 0.00	77.04 1.91 0.00	85.74 2.58 0.00	87.17 2.34 0.00	104.13 3.05 0.00	141.45 4.79 0.00	125.92 4.34 0.00	322.56 10.96 0.00	481.31 16.41 0.00	367.76 11.42 0.00	565.52 16.60 0.00	300.38 8.78 0.00	113.11 2.81 0.00	113.86 2.05 -1.43	71.01 1.11 -0.98

BIXINCNT_115KV_LOAD 355685	73.74 1.50 0.00	71.70 0.16 0.00	62.00 -0.19 0.00	54.35 -0.84 0.00	58.05 -1.41 0.00	59.35 -0.95 0.00	69.40 -1.35 0.00	75.32 -1.04 0.00	79.56 0.73 0.00	92.20 0.80 0.00	76.68 1.55 0.00	85.31 2.15 0.00	85.07 0.23 0.00	101.39 0.30 0.00	138.42 1.75 0.00	123.30 1.72 0.00	316.18 4.58 0.00	475.63 10.74 0.00	361.50 5.17 0.00	556.17 7.26 0.00	294.28 2.69 0.00	109.56 -0.75 0.00	110.15 -0.23 0.00	69.12 0.20 0.00
BLACK RIVER___HYD 24047	74.80 2.56 0.00	74.56 3.02 0.00	64.48 2.28 0.00	57.33 2.14 0.00	61.36 1.90 0.00	62.15 1.86 0.00	73.51 2.76 0.00	79.62 3.26 0.00	82.02 3.19 0.00	93.62 2.23 0.00	76.18 1.05 0.00	83.11 -0.04 0.00	83.52 -1.32 0.00	98.63 -2.45 0.00	133.69 -2.98 0.00	119.18 -2.40 0.00	305.45 -6.14 0.00	456.81 -8.09 0.00	350.23 -6.10 0.00	551.53 2.61 0.00	298.75 7.16 0.00	115.34 5.03 0.00	116.58 3.44 -2.76	72.36 1.55 -1.89
BLACKRVR_115KV_TB2 79977	74.81 2.56 0.00	74.56 3.02 0.00	64.47 2.28 0.00	57.33 2.14 0.00	61.36 1.90 0.00	62.15 1.85 0.00	73.51 2.76 0.00	79.62 3.26 0.00	82.01 3.19 0.00	93.63 2.23 0.00	76.17 1.04 0.00	83.10 -0.05 0.00	83.51 -1.32 0.00	98.64 -2.46 0.00	133.69 -2.98 0.00	119.19 -2.40 0.00	305.40 -6.19 0.00	456.77 -8.13 0.00	350.22 -6.12 0.00	551.43 2.51 0.00	298.77 7.18 0.00	115.34 5.03 0.00	116.57 3.43 -2.76	72.36 1.55 -1.89
BLDWN_LI_69_KV_BK4 356085	122.20 6.20 -43.75	105.77 5.28 -28.95	106.27 4.78 -39.29	96.79 4.49 -37.11	101.77 4.73 -37.58	81.79 4.70 -16.79	79.96 5.29 -3.92	88.13 6.31 -5.47	90.70 6.96 -4.91	114.53 9.16 -13.98	96.87 8.77 -12.97	143.48 10.69 -49.63	201.77 11.59 -105.35	253.43 14.41 -137.93	473.10 19.07 -317.36	949.40 17.30 -810.53	1118.85 44.92 -762.34	1542.91 66.61 -1011.41	902.89 50.19 -496.36	806.40 75.21 -182.28	417.19 38.51 -87.09	244.06 13.62 -120.13	141.08 10.94 -19.76	103.10 5.43 -28.75
BLISS_WT_PWR 323608	73.68 1.44 0.00	71.66 0.12 0.00	61.94 -0.25 0.00	54.30 -0.89 0.00	58.02 -1.44 0.00	59.34 -0.96 0.00	69.40 -1.35 0.00	75.34 -1.02 0.00	79.60 0.78 0.00	92.27 0.88 0.00	76.75 1.62 0.00	85.39 2.24 0.00	85.18 0.35 0.00	101.47 0.38 0.00	138.68 2.01 0.00	123.43 1.85 0.00	316.07 4.48 0.00	476.70 11.80 0.00	362.35 6.01 0.00	557.13 8.21 0.00	294.23 2.63 0.00	109.57 -0.74 0.00	110.19 -0.19 0.00	69.11 0.19 0.00
BLUESTONE___WT_PWR 323821	74.88 2.64 0.00	73.84 2.29 0.00	63.64 1.45 0.00	57.31 2.11 0.00	61.60 2.14 0.00	63.10 2.80 0.00	74.39 3.64 0.00	80.71 4.36 0.00	83.84 5.01 0.00	96.68 5.28 0.00	79.73 4.60 0.00	88.62 5.47 0.00	90.43 5.60 0.00	108.28 7.19 0.00	146.68 10.01 0.00	130.74 9.16 0.00	335.29 23.70 0.00	501.09 36.19 0.00	387.60 31.27 0.00	599.22 50.30 0.00	319.00 27.41 0.00	119.67 9.36 0.00	118.64 7.02 -1.24	73.80 4.02 -0.85
BLUE_CIRC_CHEM_DRP 24182	72.35 0.11 0.00	71.72 0.18 0.00	62.48 0.28 0.00	55.46 0.27 0.00	59.78 0.33 0.00	60.65 0.35 0.00	70.89 0.15 0.00	76.34 -0.02 0.00	78.47 -0.36 0.00	91.30 -0.10 0.00	51.24 0.22 24.11	83.60 0.45 0.00	85.58 0.74 0.00	102.03 0.95 0.00	137.47 0.80 0.00	121.92 0.34 0.00	311.76 0.17 0.00	466.04 1.14 0.00	359.21 2.87 0.00	553.77 4.85 0.00	294.84 3.25 0.00	111.26 0.95 0.00	106.25 0.38 4.51	68.70 -0.23 0.00
BOC_GAS_DRP 24189	73.54 1.30 0.00	72.78 1.24 0.00	63.34 1.15 0.00	56.26 1.07 0.00	60.62 1.17 0.00	61.52 1.22 0.00	71.99 1.24 0.00	77.81 1.45 0.00	80.23 1.40 0.00	93.42 2.02 0.00	78.88 2.22 -1.54	85.84 2.69 0.00	87.83 3.00 0.00	104.86 3.77 0.00	141.41 4.75 0.00	125.42 3.84 0.00	321.04 9.45 0.00	479.10 14.21 0.00	367.61 11.28 0.00	565.62 16.69 0.00	300.67 9.08 0.00	113.36 3.05 0.00	109.79 2.41 3.01	69.88 0.96 0.00
BOONVILLE_115KV_TB1 79983	74.76 2.52 0.00	74.17 2.63 0.00	64.38 2.19 0.00	57.18 1.99 0.00	61.42 1.96 0.00	62.24 1.94 0.00	73.30 2.55 0.00	79.27 2.92 0.00	81.59 2.76 0.00	94.21 2.82 0.00	77.45 2.32 0.00	85.25 2.10 0.00	86.36 1.53 0.00	102.69 1.60 0.00	138.82 2.15 0.00	123.68 2.10 0.00	317.59 5.99 0.00	474.21 9.31 0.00	364.48 8.15 0.00	565.47 16.55 0.00	302.19 10.60 0.00	114.71 4.41 0.00	115.03 3.85 -0.80	71.47 1.99 -0.55
BORALEX_4TH_BRANCH 23824	75.46 3.22 0.00	74.68 3.14 0.00	64.66 2.47 0.00	57.54 2.34 0.00	62.41 2.95 0.00	63.25 2.95 0.00	74.08 3.33 0.00	80.11 3.75 0.00	82.64 3.82 0.00	96.23 4.83 0.00	79.49 4.36 0.00	88.16 5.01 0.00	90.06 5.23 0.00	108.95 6.53 -1.32	180.30 8.38 -35.25	199.18 5.41 -72.19	398.91 12.81 -74.51	558.60 20.47 -73.24	382.30 18.21 -7.76	578.32 29.28 -0.13	308.72 17.12 0.00	116.59 6.28 0.00	119.74 6.28 -3.08	71.70 2.77 0.00
BOWLINE___1 23526	76.50 4.25 0.00	74.98 3.44 0.00	65.08 2.89 0.00	57.92 2.73 0.00	62.33 2.87 0.00	63.26 2.96 0.00	74.04 3.29 0.00	80.29 3.94 0.00	83.26 4.44 0.00	98.16 6.77 0.00	82.16 7.03 0.00	91.50 8.35 0.00	93.91 9.08 0.00	119.82 11.37 -7.36	347.70 15.09 -195.95	536.41 13.53 -401.29	761.40 35.65 -414.16	924.76 52.74 -407.13	439.31 39.87 -43.11	608.84 59.20 -0.73	322.01 30.42 0.00	120.81 10.50 0.00	119.36 8.51 -0.47	72.99 4.07 0.00
BOWLINE___2 23595	76.37 4.13 0.00	74.86 3.32 0.00	64.99 2.80 0.00	57.84 2.65 0.00	62.24 2.79 0.00	63.17 2.87 0.00	73.92 3.17 0.00	80.14 3.79 0.00	83.14 4.31 0.00	98.09 6.69 0.00	82.16 7.03 0.00	91.50 8.35 0.00	93.91 9.08 0.00	119.83 11.37 -7.36	347.75 15.09 -195.99	536.50 13.53 -401.38	761.50 35.65 -414.25	924.85 52.74 -407.22	439.28 39.83 -43.12	608.84 59.20 -0.73	322.01 30.42 0.00	120.81 10.50 0.00	119.36 8.51 -0.47	72.99 4.07 0.00
BRADY___115KV_TB2 356060	72.31 0.07 0.00	71.64 0.10 0.00	62.55 0.35 0.00	55.60 0.41 0.00	60.10 0.64 0.00	60.81 0.51 0.00	71.46 0.71 0.00	76.64 0.28 0.00	79.01 0.19 0.00	89.66 -1.73 0.00	71.97 -3.17 0.00	78.86 -4.29 0.00	80.27 -4.56 0.00	95.02 -6.07 0.00	128.58 -8.09 0.00	114.97 -6.61 0.00	294.66 -16.93 0.00	440.01 -24.89 0.00	339.01 -17.33 0.00	529.39 -19.53 0.00	283.30 -8.29 0.00	108.12 -2.19 0.00	109.62 -0.77 0.00	68.94 0.02 0.00
BRANSCOMB___SOLAR 323811	76.30 4.06 0.00	75.35 3.81 0.00	65.34 3.15 0.00	58.00 2.81 0.00	62.64 3.18 0.00	63.57 3.27 0.00	74.69 3.94 0.00	80.59 4.23 0.00	83.07 4.25 0.00	96.41 5.01 0.00	79.62 4.48 0.00	88.43 5.28 0.00	90.46 5.63 0.00	108.30 6.84 -0.38	155.62 8.85 -10.09	149.29 7.05 -20.67	350.99 18.07 -21.33	515.21 29.34 -20.97	385.08 26.53 -2.22	590.80 41.84 -0.04	314.76 23.16 0.00	118.31 8.00 0.00	120.18 7.28 -2.52	72.42 3.49 0.00
BRDGHMPT_69_KV_BK1 55812	87.37 7.98 -7.15	80.24 6.80 -1.90	76.02 5.75 -8.07	64.18 4.81 -4.18	68.71 5.03 -4.23	68.04 5.86 -1.88	78.18 7.00 -0.44	84.78 7.77 -0.65	88.19 8.91 -0.45	100.58 11.14 1.96	94.76 11.24 -8.40	155.18 14.03 -58.00	226.59 14.76 -127.00	239.77 17.85 -120.83	386.85 23.62 -226.56	619.87 21.04 -477.25	834.69 49.96 -473.14	1035.14 79.88 -490.37	533.59 62.96 -114.29	698.55 97.49 -52.14	388.52 48.60 -48.33	240.01 17.23 -112.48	183.54 14.16 -59.00	85.43 7.01 -9.50

BRENTWOD_69_KV_W. BRTWOOD 56703	85.99 5.70 -8.04	78.95 4.85 -2.56	75.78 4.75 -8.84	64.76 4.58 -4.98	69.40 4.90 -5.04	67.69 5.14 -2.25	76.88 5.61 -0.52	83.42 6.29 -0.77	86.26 6.87 -0.56	98.03 8.22 1.58	83.20 8.17 0.10	100.56 10.15 -7.26	121.99 11.06 -26.10	164.35 13.66 -49.61	375.33 17.73 -220.94	613.40 16.14 -475.68	832.85 41.09 -480.17	1030.37 62.24 -503.24	509.68 47.40 -105.95	664.84 71.92 -44.01	357.12 36.48 -29.04	176.72 12.78 -53.64	122.86 9.92 -2.56	71.74 4.72 1.90
BRISTLHL_115KV_TB1 79998	71.34 -0.90 0.00	70.24 -1.31 0.00	61.00 -1.20 0.00	54.03 -1.16 0.00	57.97 -1.48 0.00	59.01 -1.29 0.00	69.27 -1.48 0.00	74.89 -1.47 0.00	77.35 -1.47 0.00	89.70 -1.70 0.00	74.11 -1.02 0.00	82.10 -1.05 0.00	83.56 -1.27 0.00	99.72 -1.36 0.00	135.16 -1.51 0.00	120.27 -1.32 0.00	306.81 -4.78 0.00	457.41 -7.48 0.00	349.90 -6.44 0.00	538.21 -10.71 0.00	286.85 -4.74 0.00	108.64 -1.67 0.00	115.00 -1.90 -6.52	72.31 -1.08 -4.47
BROOKHAVEN___DRP 24191	85.27 5.90 -7.13	78.38 4.95 -1.88	74.80 4.55 -8.05	63.42 4.07 -4.16	67.80 4.13 -4.21	66.64 4.46 -1.88	76.28 5.09 -0.44	82.96 5.95 -0.65	85.88 6.60 -0.45	97.66 8.23 1.97	91.44 8.27 -8.04	149.34 10.26 -55.92	218.85 11.14 -122.88	232.58 13.62 -117.88	380.38 17.52 -226.19	613.73 15.49 -476.66	822.30 37.72 -472.99	1013.71 58.73 -490.08	514.91 45.22 -113.36	670.64 70.13 -51.59	374.71 35.65 -47.48	233.26 12.84 -110.12	177.28 10.15 -56.74	82.77 4.85 -9.00
BROOKLYN_NAVY_YARD 23515	77.19 4.95 0.00	75.68 4.14 0.00	65.76 3.57 0.00	58.61 3.42 0.00	63.09 3.64 0.00	64.05 3.76 0.00	74.85 4.10 0.00	81.28 4.92 0.00	84.45 5.63 0.00	99.79 8.33 -0.07	83.49 8.33 -0.03	93.90 9.79 -0.95	97.47 10.65 -1.99	125.77 13.29 -11.39	372.73 17.29 -218.77	583.72 15.59 -446.55	808.65 40.48 -456.58	977.81 58.67 -454.24	455.76 43.79 -55.64	619.07 65.03 -5.13	328.61 33.57 -3.45	122.87 11.61 -0.96	120.18 9.30 -0.51	73.49 4.57 0.00
BROOKLYN___ARMY_DRP 323595	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	573.12 15.52 -436.03	796.62 40.06 -444.98	964.44 57.77 -441.78	446.81 43.70 -46.78	614.76 65.05 -0.79	325.26 33.66 0.00	121.78 11.47 0.00	120.24 9.36 -0.51	73.71 4.79 0.00
BROOME_2_LFGE 323671	73.61 1.37 0.00	72.30 0.76 0.00	62.71 0.51 0.00	55.66 0.46 0.00	59.70 0.25 0.00	60.79 0.49 0.00	71.30 0.55 0.00	77.18 0.82 0.00	79.99 1.16 0.00	92.92 1.53 0.00	77.05 1.91 0.00	85.74 2.59 0.00	87.17 2.34 0.00	104.13 3.04 0.00	141.43 4.76 0.00	125.82 4.24 0.00	322.46 10.86 0.00	481.28 16.38 0.00	367.88 11.55 0.00	565.56 16.64 0.00	300.36 8.77 0.00	113.11 2.81 0.00	113.87 2.06 -1.43	71.01 1.10 -0.98
BROOME___LFGE 323600	73.61 1.37 0.00	72.30 0.76 0.00	62.71 0.51 0.00	55.66 0.46 0.00	59.70 0.25 0.00	60.79 0.49 0.00	71.30 0.55 0.00	77.18 0.82 0.00	79.99 1.16 0.00	92.92 1.53 0.00	77.05 1.91 0.00	85.74 2.59 0.00	87.17 2.34 0.00	104.13 3.04 0.00	141.43 4.76 0.00	125.82 4.24 0.00	322.46 10.86 0.00	481.28 16.38 0.00	367.88 11.55 0.00	565.56 16.64 0.00	300.36 8.77 0.00	113.11 2.81 0.00	113.87 2.06 -1.43	71.01 1.10 -0.98
BROWNFLS_115KV_TB_3_5 80003	72.74 0.50 0.00	72.34 0.79 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.10 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.24 -7.43 0.00	115.24 -6.34 0.00	295.98 -15.62 0.00	441.75 -23.15 0.00	339.93 -16.41 0.00	532.03 -16.88 0.00	285.62 -5.97 0.00	109.62 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
BROWNSV1_27_KV_LOAD 356125	78.59 6.34 0.00	77.00 5.46 0.00	66.88 4.68 0.00	59.60 4.40 0.00	64.11 4.66 0.00	65.11 4.81 0.00	76.14 5.39 0.00	82.70 6.35 0.00	85.95 7.13 0.00	101.48 10.08 0.00	84.98 9.85 0.00	94.65 11.50 0.00	97.20 12.37 0.00	124.37 15.30 -7.99	369.31 20.03 -212.61	575.08 18.08 -435.42	807.71 46.74 -449.38	974.57 67.92 -441.75	453.82 50.71 -46.78	625.56 75.85 -0.79	330.67 39.07 0.00	123.95 13.64 0.00	122.28 11.39 -0.51	74.77 5.84 0.00
BURROWS___LYONSDAL 23803	74.48 2.24 0.00	74.08 2.54 0.00	64.31 2.12 0.00	57.13 1.94 0.00	61.33 1.88 0.00	62.11 1.81 0.00	73.20 2.45 0.00	79.20 2.85 0.00	81.46 2.63 0.00	93.89 2.50 0.00	77.02 1.89 0.00	84.60 1.45 0.00	85.61 0.78 0.00	101.65 0.57 0.00	137.35 0.69 0.00	122.41 0.83 0.00	314.44 2.84 0.00	469.30 4.41 0.00	360.87 4.54 0.00	560.94 12.03 0.00	300.38 8.78 0.00	114.28 3.98 0.00	114.70 3.36 -0.96	71.24 1.66 -0.66
CAITHNESS_CC_1 323624	85.10 5.75 -7.11	78.25 4.85 -1.87	74.71 4.48 -8.04	63.37 4.04 -4.14	67.73 4.09 -4.19	66.56 4.40 -1.87	76.19 5.01 -0.43	82.84 5.84 -0.65	85.73 6.45 -0.45	97.49 8.07 1.98	90.76 7.94 -7.68	146.96 9.96 -53.85	214.38 10.79 -118.75	229.31 13.31 -114.92	379.53 17.05 -225.81	612.71 15.07 -476.06	821.47 37.04 -472.84	1012.10 57.42 -489.79	512.79 44.04 -112.42	667.89 67.92 -51.05	372.73 34.52 -46.62	230.54 12.48 -107.75	174.62 9.76 -54.48	82.08 4.65 -8.50
CALPINE BETH_PAGE_GT4 24209	97.80 5.62 -19.94	87.68 4.75 -11.38	85.63 4.41 -19.02	75.03 4.10 -15.73	79.69 4.31 -15.93	71.81 4.40 -7.11	77.32 4.92 -1.66	84.53 5.84 -2.34	87.29 6.45 -2.02	103.24 8.46 -3.38	87.44 8.36 -3.94	113.86 10.24 -20.47	146.83 11.16 -50.84	192.29 13.86 -77.34	407.09 18.23 -252.19	724.05 16.60 -585.87	927.67 42.94 -573.14	1198.72 63.77 -670.05	636.20 48.07 -231.80	711.44 72.24 -90.29	376.03 36.89 -47.54	196.92 12.86 -73.76	128.44 10.04 -8.02	82.07 4.84 -8.30
CALPINE_BETH_PAGE_GT_4 323586	97.81 5.63 -19.94	87.67 4.75 -11.38	85.63 4.41 -19.02	75.03 4.11 -15.73	79.69 4.31 -15.93	71.81 4.40 -7.11	77.31 4.90 -1.66	84.52 5.82 -2.34	87.28 6.44 -2.02	103.25 8.48 -3.38	87.31 8.24 -3.94	113.82 10.19 -20.47	146.77 11.10 -50.84	192.30 13.88 -77.34	407.13 18.26 -252.19	724.04 16.59 -585.87	927.62 42.89 -573.14	1198.71 63.77 -670.05	636.18 48.06 -231.80	711.26 72.06 -90.29	375.98 36.85 -47.54	196.92 12.85 -73.76	128.42 10.02 -8.02	82.06 4.83 -8.30
CALPINE_BP_GT1 23823	97.81 5.63 -19.94	87.67 4.75 -11.38	85.63 4.41 -19.02	75.03 4.11 -15.73	79.69 4.31 -15.93	71.81 4.40 -7.11	77.31 4.90 -1.66	84.52 5.82 -2.34	87.28 6.44 -2.02	103.25 8.48 -3.38	87.31 8.24 -3.94	113.82 10.19 -20.47	146.77 11.10 -50.84	192.30 13.88 -77.34	407.13 18.26 -252.19	724.04 16.59 -585.87	927.62 42.89 -573.14	1198.71 63.77 -670.05	636.18 48.06 -231.80	711.26 72.06 -90.29	375.98 36.85 -47.54	196.92 12.85 -73.76	128.42 10.02 -8.02	82.06 4.83 -8.30
CALSPAN___DRP 24200	73.48 1.24 0.00	71.45 -0.09 0.00	61.99 -0.21 0.00	54.14 -1.05 0.00	57.66 -1.80 0.00	58.89 -1.41 0.00	68.63 -2.12 0.00	74.32 -2.04 0.00	78.58 -0.24 0.00	91.01 -0.39 0.00	75.59 0.46 0.00	84.19 1.04 0.00	83.85 -0.98 0.00	99.66 -1.43 0.00	135.83 -0.84 0.00	121.23 -0.35 0.00	311.69 0.10 0.00	468.23 3.33 0.00	355.57 -0.76 0.00	546.57 -2.35 0.00	289.15 -2.45 0.00	107.47 -2.84 0.00	108.53 -1.85 0.00	68.49 -0.43 0.00

CALVERTON___SOLAR 323806	85.54 6.17 -7.14	78.62 5.19 -1.89	74.93 4.67 -8.06	63.51 4.15 -4.17	67.89 4.22 -4.22	66.77 4.59 -1.88	76.48 5.29 -0.44	83.16 6.15 -0.65	86.12 6.85 -0.45	98.01 8.58 1.97	91.77 8.46 -8.17	150.51 10.66 -56.70	220.76 11.49 -124.43	234.22 14.15 -118.99	381.29 18.30 -226.32	614.51 16.07 -476.86	823.68 39.06 -473.03	1016.28 61.22 -490.17	517.38 47.35 -113.69	674.32 73.61 -51.79	376.61 37.22 -47.79	234.74 13.43 -111.00	178.65 10.67 -57.60	83.24 5.13 -9.19
CANDIGU_WT_PWR 323617	72.80 0.56 0.00	71.19 -0.35 0.00	61.78 -0.41 0.00	54.70 -0.49 0.00	58.58 -0.88 0.00	59.83 -0.47 0.00	69.93 -0.82 0.00	75.46 -0.90 0.00	78.70 -0.13 0.00	91.27 -0.12 0.00	75.92 0.79 0.00	84.89 1.74 0.00	85.68 0.84 0.00	101.16 0.08 0.00	138.50 1.83 0.00	123.39 1.81 0.00	315.11 3.52 0.00	471.53 6.63 0.00	362.07 5.74 0.00	559.06 10.14 0.00	296.73 5.14 0.00	111.15 0.85 0.00	111.95 0.73 -0.84	69.93 0.42 -0.58
CARR STREET_E_SYR 24060	72.54 0.30 0.00	71.37 -0.17 0.00	61.96 -0.24 0.00	54.85 -0.34 0.00	58.85 -0.60 0.00	59.90 -0.40 0.00	70.28 -0.47 0.00	76.01 -0.35 0.00	78.59 -0.24 0.00	91.20 -0.19 0.00	75.41 0.28 0.00	83.72 0.57 0.00	85.15 0.32 0.00	101.64 0.55 0.00	137.81 1.14 0.00	122.68 1.10 0.00	313.32 1.72 0.00	467.39 2.50 0.00	357.53 1.20 0.00	549.83 0.91 0.00	292.50 0.91 0.00	110.45 0.14 0.00	112.21 -0.13 -1.97	70.19 -0.08 -1.35
CARTHAGE___PAPER 23857	74.81 2.57 0.00	74.80 3.26 0.00	64.63 2.44 0.00	57.60 2.41 0.00	61.72 2.27 0.00	62.47 2.17 0.00	73.69 2.94 0.00	79.73 3.37 0.00	82.06 3.23 0.00	93.63 2.24 0.00	75.99 0.86 0.00	82.61 -0.54 0.00	82.60 -2.24 0.00	96.98 -4.10 0.00	131.32 -5.35 0.00	117.06 -4.52 0.00	301.02 -10.57 0.00	450.31 -14.59 0.00	345.84 -10.50 0.00	545.71 -3.20 0.00	294.99 3.39 0.00	114.86 4.55 0.00	116.10 3.40 -2.32	72.12 1.61 -1.59
CASSADAGA_WT_PWR 323784	74.80 2.56 0.00	72.21 0.67 0.00	62.50 0.31 0.00	54.84 -0.36 0.00	58.30 -1.15 0.00	59.80 -0.49 0.00	70.07 -0.68 0.00	76.23 -0.12 0.00	80.47 1.65 0.00	93.45 2.05 0.00	77.99 2.86 0.00	86.72 3.57 0.00	86.42 1.58 0.00	103.03 1.94 0.00	140.36 3.69 0.00	125.37 3.78 0.00	322.85 11.26 0.00	487.27 22.38 0.00	370.58 14.25 0.00	569.03 20.11 0.00	300.72 9.12 0.00	111.94 1.63 0.00	112.06 1.68 0.00	70.17 1.24 0.00
CE_DUNWOOD___DRP 24194	77.04 4.80 0.00	75.58 4.04 0.00	65.62 3.43 0.00	58.42 3.23 0.00	62.87 3.42 0.00	63.83 3.53 0.00	74.68 3.93 0.00	81.01 4.66 0.00	84.06 5.23 0.00	99.02 7.62 0.00	82.83 7.70 0.00	92.22 9.07 0.00	94.73 9.89 0.00	121.38 12.32 -7.97	365.01 16.16 -212.18	570.56 14.45 -434.53	797.73 37.68 -448.46	961.13 55.39 -440.85	444.71 41.70 -46.68	611.83 62.13 -0.79	323.51 31.92 0.00	121.39 11.08 0.00	119.96 9.08 -0.50	73.38 4.46 0.00
CE_MILLWOOD___DRP 24193	76.84 4.60 0.00	75.39 3.85 0.00	65.46 3.27 0.00	58.26 3.07 0.00	62.71 3.26 0.00	63.65 3.35 0.00	74.48 3.73 0.00	80.78 4.42 0.00	83.81 4.99 0.00	98.70 7.31 0.00	82.54 7.40 0.00	91.92 8.77 0.00	94.39 9.56 0.00	120.91 11.91 -7.91	362.93 15.64 -210.63	566.95 14.00 -431.36	793.35 36.56 -445.19	956.30 53.77 -437.63	443.27 40.60 -46.34	610.18 60.48 -0.78	322.68 31.08 0.00	121.10 10.79 0.00	119.72 8.84 -0.50	73.22 4.29 0.00
CE_NYC2_DRP 24202	77.10 4.86 0.00	75.66 4.11 0.00	65.81 3.62 0.00	58.71 3.52 0.00	63.22 3.76 0.00	64.23 3.93 0.00	75.03 4.29 0.00	81.32 4.97 0.00	84.47 5.64 0.00	105.69 8.56 -5.74	92.48 8.49 -8.86	100.10 9.81 -7.14	99.65 10.73 -4.09	131.28 13.28 -16.91	380.15 17.17 -226.31	607.14 15.50 -470.06	810.43 40.18 -458.66	964.77 58.10 -441.78	446.20 43.09 -46.78	613.76 64.05 -0.79	324.45 32.86 0.00	121.55 11.24 0.00	119.91 9.03 -0.51	73.41 4.49 0.00
CE_NYC_DRP 24195	77.40 5.16 0.00	75.89 4.35 0.00	65.94 3.75 0.00	58.78 3.59 0.00	63.27 3.81 0.00	64.24 3.95 0.00	75.10 4.35 0.00	81.52 5.16 0.00	84.72 5.89 0.00	100.00 8.61 0.00	83.71 8.58 0.00	93.23 10.08 0.00	95.76 10.93 0.00	122.66 13.59 -7.99	366.98 17.70 -212.61	572.89 15.89 -435.42	802.19 41.22 -449.38	966.28 59.64 -441.75	447.71 44.60 -46.77	616.14 66.43 -0.79	325.67 34.08 0.00	122.07 11.76 0.00	120.45 9.56 -0.51	73.65 4.73 0.00
CHAFFEE___LFGE 323603	73.78 1.54 0.00	71.70 0.16 0.00	62.17 -0.02 0.00	54.35 -0.84 0.00	57.90 -1.56 0.00	59.14 -1.16 0.00	68.97 -1.78 0.00	74.76 -1.60 0.00	78.96 0.13 0.00	91.44 0.04 0.00	75.97 0.83 0.00	84.66 1.51 0.00	84.46 -0.37 0.00	100.37 -0.72 0.00	137.04 0.37 0.00	122.33 0.75 0.00	314.51 2.92 0.00	473.89 8.99 0.00	359.78 3.45 0.00	552.29 3.38 0.00	291.56 -0.04 0.00	108.29 -2.01 0.00	109.24 -1.14 0.00	68.81 -0.11 0.00
CHATEAUG_35_KV_LOAD 355732	70.62 -1.63 0.00	70.19 -1.36 0.00	60.95 -1.25 0.00	54.26 -0.93 0.00	58.61 -0.84 0.00	59.31 -0.99 0.00	69.69 -1.06 0.00	75.01 -1.35 0.00	77.53 -1.29 0.00	89.35 -2.04 0.00	72.03 -3.10 0.00	79.26 -3.90 0.00	80.77 -4.06 0.00	95.62 -5.47 0.00	129.37 -7.30 0.00	115.28 -6.30 0.00	296.62 -14.97 0.00	441.18 -23.71 0.00	339.55 -16.78 0.00	525.91 -23.01 0.00	280.00 -11.60 0.00	106.81 -3.50 0.00	107.82 -2.56 0.00	67.52 -1.41 0.00
CHATEAUG_WT_PWR 323614	70.53 -1.72 0.00	70.03 -1.51 0.00	60.86 -1.33 0.00	54.17 -1.02 0.00	58.52 -0.94 0.00	59.21 -1.09 0.00	69.56 -1.19 0.00	74.94 -1.42 0.00	77.45 -1.37 0.00	89.33 -2.07 0.00	72.10 -3.03 0.00	79.36 -3.79 0.00	80.90 -3.93 0.00	95.78 -5.31 0.00	129.53 -7.14 0.00	115.33 -6.25 0.00	296.82 -14.77 0.00	441.57 -23.32 0.00	339.76 -16.57 0.00	526.31 -22.61 0.00	279.51 -12.09 0.00	106.65 -3.65 0.00	107.58 -2.80 0.00	67.31 -1.61 0.00
CHAT_HIGH_FALL_HYD 323578	70.62 -1.63 0.00	70.19 -1.36 0.00	60.95 -1.25 0.00	54.26 -0.93 0.00	58.61 -0.84 0.00	59.31 -0.99 0.00	69.69 -1.06 0.00	75.01 -1.35 0.00	77.53 -1.29 0.00	89.35 -2.04 0.00	72.03 -3.10 0.00	79.26 -3.90 0.00	80.77 -4.06 0.00	95.62 -5.47 0.00	129.37 -7.30 0.00	115.28 -6.30 0.00	296.62 -14.97 0.00	441.18 -23.71 0.00	339.55 -16.78 0.00	525.91 -23.01 0.00	280.00 -11.60 0.00	106.81 -3.50 0.00	107.82 -2.56 0.00	67.52 -1.41 0.00
CHAUTAUQUA___LFGE 323629	74.35 2.11 0.00	71.98 0.44 0.00	62.25 0.06 0.00	54.67 -0.52 0.00	58.16 -1.30 0.00	59.53 -0.77 0.00	69.60 -1.15 0.00	75.56 -0.80 0.00	79.69 0.87 0.00	92.41 1.02 0.00	77.10 1.97 0.00	85.81 2.66 0.00	85.58 0.75 0.00	101.98 0.89 0.00	139.25 2.58 0.00	124.21 2.63 0.00	319.58 7.99 0.00	481.13 16.23 0.00	365.58 9.25 0.00	561.75 12.83 0.00	297.05 5.45 0.00	110.66 0.35 0.00	110.90 0.52 0.00	69.62 0.70 0.00
CHERRYST_13_KV_LD 356241	77.71 5.47 0.00	76.19 4.65 0.00	66.19 4.00 0.00	59.01 3.81 0.00	63.51 4.05 0.00	64.49 4.19 0.00	75.41 4.66 0.00	81.92 5.56 0.00	85.14 6.32 0.00	100.55 9.16 0.00	84.19 9.06 0.00	93.75 10.60 0.00	96.27 11.44 0.00	123.28 14.20 -7.99	367.80 18.52 -212.61	573.63 16.63 -435.42	804.14 43.17 -449.38	969.07 62.43 -441.75	449.60 46.49 -46.78	618.88 69.17 -0.79	327.05 35.45 0.00	122.57 12.26 0.00	120.93 10.05 -0.51	73.94 5.01 0.00

CHESTROR_138KV_BK263 355645	76.19 3.95 0.00	74.79 3.25 0.00	64.91 2.72 0.00	57.71 2.52 0.00	62.11 2.66 0.00	63.04 2.74 0.00	73.81 3.06 0.00	79.99 3.64 0.00	82.90 4.08 0.00	97.37 5.98 0.00	81.31 6.18 0.00	90.49 7.33 0.00	92.84 8.01 0.00	117.57 9.97 -6.51	323.25 13.22 -173.36	488.48 11.86 -355.03	709.37 31.36 -366.42	871.89 46.80 -360.19	430.02 35.55 -38.14	602.72 53.16 -0.65	318.89 27.30 0.00	119.74 9.43 0.00	118.54 7.75 -0.41	72.66 3.74 0.00
CH_MIDHUDSON___DRP 24192	76.92 4.68 0.00	75.53 3.99 0.00	65.54 3.35 0.00	58.25 3.06 0.00	62.71 3.25 0.00	63.64 3.34 0.00	74.50 3.75 0.00	80.85 4.50 0.00	83.79 4.97 0.00	98.46 7.07 0.00	82.21 7.08 0.00	91.56 8.40 0.00	94.02 9.18 0.00	119.76 11.38 -7.29	345.72 15.10 -193.95	532.09 13.32 -397.19	756.12 34.60 -409.93	919.25 51.39 -402.97	437.79 38.79 -42.67	607.55 57.92 -0.72	321.70 30.10 0.00	120.88 10.57 0.00	119.70 8.90 -0.42	73.35 4.43 0.00
CH_MISC_IPPS 23765	77.29 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.56 0.00	82.69 7.56 0.00	92.13 8.97 0.00	94.59 9.75 0.00	120.14 12.06 -6.98	338.63 16.08 -185.88	516.64 14.38 -380.68	742.03 37.56 -392.89	907.26 56.15 -386.22	439.53 42.30 -40.89	612.76 63.15 -0.69	324.67 33.08 0.00	122.11 11.80 0.00	120.86 10.09 -0.39	74.04 5.12 0.00
CH_RES_BVR_FALLS 23983	71.17 -1.07 0.00	71.00 -0.54 0.00	61.79 -0.41 0.00	54.91 -0.28 0.00	59.20 -0.25 0.00	59.94 -0.36 0.00	70.42 -0.33 0.00	75.96 -0.40 0.00	78.45 -0.38 0.00	90.70 -0.70 0.00	74.03 -1.10 0.00	81.64 -1.51 0.00	83.05 -1.78 0.00	98.66 -2.42 0.00	133.33 -3.34 0.00	118.77 -2.81 0.00	304.73 -6.86 0.00	454.39 -10.51 0.00	348.19 -8.14 0.00	536.93 -11.99 0.00	285.37 -6.22 0.00	108.14 -2.16 0.00	108.56 -1.82 0.00	68.01 -0.91 0.00
CH_RES_NIAGARA 23895	71.32 -0.93 0.00	69.57 -1.97 0.00	60.53 -1.66 0.00	52.63 -2.57 0.00	55.96 -3.50 0.00	57.12 -3.17 0.00	66.39 -4.36 0.00	71.76 -4.60 0.00	76.06 -2.76 0.00	87.74 -3.66 0.00	72.45 -2.69 0.00	80.58 -2.57 0.00	79.99 -4.84 0.00	94.96 -6.13 0.00	129.07 -7.60 0.00	115.24 -6.34 0.00	295.81 -15.78 0.00	444.39 -20.51 0.00	336.85 -19.49 0.00	517.88 -31.03 0.00	274.39 -17.21 0.00	101.78 -8.53 0.00	103.78 -6.60 0.00	66.17 -2.76 0.00
CH_RES_SYRACUSE 23985	72.47 0.23 0.00	71.32 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.67 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.98 -0.38 0.00	78.50 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.48 0.33 0.00	84.94 0.11 0.00	101.34 0.25 0.00	137.43 0.76 0.00	122.37 0.79 0.00	312.22 0.63 0.00	465.65 0.76 0.00	356.46 0.13 0.00	548.19 -0.73 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 0.00	71.28 -0.10 -2.45
CLINTON_WT_PWR 323605	70.53 -1.72 0.00	70.03 -1.51 0.00	60.86 -1.33 0.00	54.17 -1.02 0.00	58.52 -0.94 0.00	59.21 -1.09 0.00	69.56 -1.19 0.00	74.94 -1.42 0.00	77.45 -1.37 0.00	89.33 -2.07 0.00	72.10 -3.03 0.00	79.36 -3.79 0.00	80.90 -3.93 0.00	95.78 -5.31 0.00	129.53 -7.14 0.00	115.33 -6.25 0.00	296.82 -14.77 0.00	441.57 -23.32 0.00	339.76 -16.57 0.00	526.31 -22.61 0.00	279.51 -12.09 0.00	106.65 -3.65 0.00	107.58 -2.80 0.00	67.31 -1.61 0.00
CLINTON___LFGE 323618	71.23 -1.01 0.00	70.50 -1.04 0.00	61.20 -1.00 0.00	54.48 -0.71 0.00	58.82 -0.63 0.00	59.52 -0.78 0.00	69.78 -0.97 0.00	75.19 -1.17 0.00	77.50 -1.32 0.00	89.66 -1.73 0.00	72.20 -2.94 0.00	79.41 -3.74 0.00	80.95 -3.88 0.00	95.64 -5.44 0.00	129.51 -7.16 0.00	115.11 -6.47 0.00	296.92 -14.67 0.00	441.72 -23.18 0.00	341.91 -14.43 0.00	529.34 -19.57 0.00	281.50 -10.10 0.00	107.74 -2.57 0.00	108.47 -1.92 0.00	67.48 -1.44 0.00
COBBLENY_34_KV_TB1 80064	73.79 1.54 0.00	71.69 0.15 0.00	62.17 -0.02 0.00	54.35 -0.84 0.00	57.90 -1.56 0.00	59.13 -1.17 0.00	68.96 -1.78 0.00	74.74 -1.62 0.00	78.95 0.13 0.00	91.42 0.03 0.00	75.94 0.81 0.00	84.65 1.50 0.00	84.41 -0.43 0.00	100.32 -0.77 0.00	136.82 0.15 0.00	122.16 0.58 0.00	314.33 2.74 0.00	472.55 7.65 0.00	358.74 2.40 0.00	551.37 2.45 0.00	291.61 0.02 0.00	108.30 -2.01 0.00	109.18 -1.20 0.00	68.82 -0.11 0.00
COFFEEN___115KV_TB3 355620	75.29 3.05 0.00	74.93 3.39 0.00	64.76 2.57 0.00	57.58 2.39 0.00	61.63 2.17 0.00	62.47 2.18 0.00	73.90 3.15 0.00	80.01 3.66 0.00	82.49 3.67 0.00	94.07 2.67 0.00	76.52 1.39 0.00	83.38 0.23 0.00	83.80 -1.03 0.00	98.99 -2.10 0.00	134.29 -2.38 0.00	119.51 -2.07 0.00	306.24 -5.35 0.00	458.16 -6.73 0.00	351.62 -4.71 0.00	554.12 5.21 0.00	300.96 9.37 0.00	116.33 6.02 0.00	117.55 4.33 0.00	72.94 2.08 -1.94
COLDSPRG_115KV_BK1 355956	74.54 2.30 0.00	72.20 0.66 0.00	62.49 0.29 0.00	54.87 -0.32 0.00	58.47 -0.99 0.00	59.87 -0.43 0.00	70.17 -0.58 0.00	76.32 -0.04 0.00	80.57 1.75 0.00	93.62 2.22 0.00	78.06 2.93 0.00	86.82 3.67 0.00	86.69 1.86 0.00	103.48 2.39 0.00	141.32 4.66 0.00	126.27 4.69 0.00	324.48 12.89 0.00	487.65 22.76 0.00	370.59 14.26 0.00	569.21 20.29 0.00	300.96 9.37 0.00	112.10 1.79 0.00	112.14 1.76 0.00	70.10 1.17 0.00
COLONIE_LFGE___ 323577	74.90 2.66 0.00	74.06 2.52 0.00	64.28 2.08 0.00	57.14 1.95 0.00	61.70 2.25 0.00	62.61 2.31 0.00	73.38 2.64 0.00	79.34 2.98 0.00	81.85 3.03 0.00	95.20 3.81 0.00	78.66 3.53 0.00	87.35 4.20 0.00	89.41 4.57 0.00	107.36 5.69 -0.59	159.55 7.29 -15.60	159.05 5.53 -31.94	358.46 13.91 -32.96	519.24 21.94 -32.40	378.46 18.70 -3.43	578.23 29.26 -0.06	307.99 16.39 0.00	116.04 5.73 0.00	119.19 5.22 -3.60	71.25 2.33 0.00
COOPERNY_115KV_TB1 80082	75.11 2.87 0.00	73.88 2.34 0.00	64.19 2.00 0.00	57.05 1.86 0.00	61.40 1.94 0.00	62.32 2.03 0.00	72.99 2.25 0.00	79.04 2.68 0.00	81.80 2.97 0.00	95.75 4.35 0.00	79.66 4.53 0.00	88.54 5.39 0.00	90.66 5.83 0.00	112.56 7.32 -4.15	256.92 9.68 -110.57	356.72 8.70 -226.44	568.27 22.98 -233.70	729.33 34.71 -229.73	406.98 26.32 -24.33	588.53 39.20 -0.41	311.74 20.14 0.00	117.21 6.91 0.00	116.22 5.60 -0.24	71.65 2.72 0.00
COPENHAGEN_WT_PWR 323753	74.17 1.93 0.00	74.04 2.50 0.00	64.06 1.87 0.00	56.96 1.77 0.00	60.87 1.42 0.00	61.65 1.35 0.00	72.99 2.24 0.00	79.08 2.73 0.00	81.39 2.56 0.00	93.15 1.75 0.00	75.92 0.79 0.00	82.92 -0.23 0.00	83.40 -1.43 0.00	98.48 -2.60 0.00	133.42 -3.25 0.00	119.05 -2.53 0.00	304.99 -6.60 0.00	455.59 -9.30 0.00	348.71 -7.63 0.00	548.37 -0.55 0.00	296.66 5.07 0.00	114.25 3.94 0.00	115.57 2.21 -2.97	71.76 0.81 -2.04
CORNELL_____ 23752	74.89 2.65 0.00	73.50 1.96 0.00	63.71 1.52 0.00	56.46 1.26 0.00	60.62 1.16 0.00	61.73 1.43 0.00	72.47 1.72 0.00	78.39 2.04 0.00	80.94 2.12 0.00	93.32 1.92 0.00	77.20 2.06 0.00	85.61 2.45 0.00	87.07 2.24 0.00	104.05 2.97 0.00	141.33 4.66 0.00	126.50 4.92 0.00	323.31 11.72 0.00	481.16 16.26 0.00	370.85 14.52 0.00	572.88 23.96 0.00	305.03 13.44 0.00	114.94 4.63 0.00	116.28 3.94 -1.96	72.51 2.24 -1.34

CORONA V_69_KV_TB1 355595	156.72 6.42 -78.06	131.16 5.49 -54.12	135.46 4.91 -68.36	127.44 4.47 -67.78	132.86 4.77 -68.64	95.90 4.93 -30.66	83.45 5.55 -7.16	92.74 6.44 -9.94	94.99 7.10 -9.06	131.02 9.46 -30.17	111.66 9.31 -27.22	190.38 11.26 -95.97	288.89 12.02 -192.04	350.72 14.84 -234.79	580.74 19.66 -424.41	1322.97 17.68 -1183.72	1433.34 45.89 -1075.85	2109.65 67.72 -1577.04	1335.44 51.01 -928.10	962.48 76.26 -337.31	482.21 39.48 -151.13	317.57 13.67 -193.58	159.29 11.17 -37.74	133.00 5.64 -58.43
CORTLAND_115KV_TB3 80093	74.13 1.89 0.00	72.87 1.33 0.00	63.22 1.03 0.00	56.06 0.87 0.00	60.17 0.72 0.00	61.25 0.95 0.00	71.90 1.15 0.00	77.77 1.42 0.00	80.33 1.50 0.00	92.98 1.58 0.00	76.93 1.80 0.00	85.40 2.25 0.00	86.82 1.98 0.00	103.70 2.61 0.00	140.67 4.00 0.00	125.39 3.80 0.00	320.93 9.35 0.00	478.41 13.52 0.00	367.11 10.77 0.00	565.88 16.97 0.00	301.14 9.54 0.00	113.60 3.29 0.00	115.18 2.75 -2.05	71.86 1.53 -1.40
COXSACKIE__GT 23611	76.27 4.03 0.00	75.32 3.78 0.00	65.42 3.23 0.00	58.03 2.84 0.00	62.55 3.09 0.00	63.53 3.23 0.00	74.46 3.71 0.00	80.51 4.15 0.00	82.58 3.75 0.00	95.41 4.02 0.00	48.09 3.64 30.69	87.20 4.05 0.00	89.15 4.32 0.00	107.69 5.47 -1.13	174.15 7.40 -30.08	190.04 6.86 -61.60	392.31 17.14 -63.57	555.80 28.41 -62.49	390.22 27.27 -6.62	591.67 42.64 -0.11	315.56 23.96 0.00	118.79 8.48 0.00	112.83 7.29 4.84	72.64 3.71 0.00
CPV_VALLEY__CC1 323721	75.44 3.20 0.00	74.12 2.58 0.00	64.35 2.15 0.00	57.22 2.03 0.00	61.58 2.13 0.00	62.51 2.21 0.00	73.19 2.44 0.00	79.31 2.95 0.00	82.15 3.32 0.00	96.44 5.04 0.00	80.44 5.31 0.00	89.51 6.36 0.00	91.76 6.93 0.00	115.38 8.69 -5.60	297.13 11.46 -149.01	437.02 10.27 -305.16	653.66 27.12 -314.94	814.82 40.33 -309.60	419.58 30.46 -32.78	594.71 45.24 -0.56	314.85 23.26 0.00	118.31 8.00 0.00	117.19 6.44 -0.36	71.94 3.01 0.00
CPV_VALLEY__CC2 323722	75.44 3.20 0.00	74.12 2.58 0.00	64.35 2.15 0.00	57.22 2.03 0.00	61.58 2.13 0.00	62.51 2.21 0.00	73.19 2.44 0.00	79.31 2.95 0.00	82.15 3.32 0.00	96.44 5.04 0.00	80.44 5.31 0.00	89.51 6.36 0.00	91.76 6.93 0.00	115.38 8.69 -5.60	297.13 11.46 -149.01	437.02 10.27 -305.16	653.66 27.12 -314.94	814.82 40.33 -309.60	419.58 30.46 -32.78	594.71 45.24 -0.56	314.85 23.26 0.00	118.31 8.00 0.00	117.19 6.44 -0.36	71.94 3.01 0.00
CRESCENT__HYD 24018	74.90 2.66 0.00	74.06 2.52 0.00	64.28 2.08 0.00	57.14 1.95 0.00	61.70 2.25 0.00	62.61 2.31 0.00	73.38 2.64 0.00	79.34 2.98 0.00	81.85 3.03 0.00	95.20 3.81 0.00	78.66 3.53 0.00	87.35 4.20 0.00	89.41 4.57 0.00	107.36 5.69 -0.59	159.55 7.29 -15.60	159.05 5.53 -31.94	358.46 13.91 -32.96	519.24 21.94 -32.40	378.46 18.70 -3.43	578.23 29.26 -0.06	307.99 16.39 0.00	116.04 5.73 0.00	119.19 5.22 -3.60	71.25 2.33 0.00
CRICKET__VALLEY_CC1 323756	75.83 3.59 0.00	74.59 3.05 0.00	64.65 2.46 0.00	57.50 2.31 0.00	61.94 2.49 0.00	62.83 2.53 0.00	73.51 2.76 0.00	79.76 3.40 0.00	82.58 3.75 0.00	96.96 5.56 0.00	80.81 5.68 0.00	89.96 6.81 0.00	92.43 7.59 0.00	119.47 9.52 -8.86	384.90 12.48 -235.75	614.75 10.36 -482.80	836.41 26.53 -498.29	993.98 39.26 -489.83	437.99 29.79 -51.87	594.67 44.87 -0.88	315.34 23.75 0.00	118.58 8.27 0.00	117.99 6.91 -0.70	72.11 3.19 0.00
CRICKET__VALLEY_CC2 323757	75.83 3.59 0.00	74.59 3.05 0.00	64.65 2.46 0.00	57.50 2.31 0.00	61.94 2.49 0.00	62.83 2.53 0.00	73.51 2.76 0.00	79.76 3.40 0.00	82.58 3.75 0.00	96.96 5.56 0.00	80.81 5.68 0.00	89.96 6.81 0.00	92.43 7.59 0.00	119.47 9.52 -8.86	384.90 12.48 -235.75	614.75 10.36 -482.80	836.41 26.53 -498.29	993.98 39.26 -489.83	437.99 29.79 -51.87	594.67 44.87 -0.88	315.34 23.75 0.00	118.58 8.27 0.00	117.99 6.91 -0.70	72.11 3.19 0.00
CRICKET__VALLEY_CC3 323758	75.83 3.59 0.00	74.59 3.05 0.00	64.65 2.46 0.00	57.50 2.31 0.00	61.94 2.49 0.00	62.83 2.53 0.00	73.51 2.76 0.00	79.76 3.40 0.00	82.58 3.75 0.00	96.96 5.56 0.00	80.81 5.68 0.00	89.96 6.81 0.00	92.43 7.59 0.00	119.47 9.52 -8.86	384.90 12.48 -235.75	614.75 10.36 -482.80	836.41 26.53 -498.29	993.98 39.26 -489.83	437.99 29.79 -51.87	594.67 44.87 -0.88	315.34 23.75 0.00	118.58 8.27 0.00	117.99 6.91 -0.70	72.11 3.19 0.00
CRUCIBLE_METL_DRP 24180	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
DAHOWA__HYDRO 323763	76.73 4.49 0.00	75.73 4.19 0.00	65.63 3.44 0.00	58.25 3.06 0.00	62.92 3.46 0.00	63.84 3.54 0.00	75.13 4.38 0.00	81.09 4.73 0.00	83.59 4.77 0.00	96.99 5.59 0.00	80.00 4.87 0.00	88.92 5.76 0.00	90.93 6.10 0.00	108.57 7.48 0.00	146.39 9.72 0.00	129.42 7.84 0.00	331.63 22.25 0.00	497.15 32.25 0.00	385.36 29.03 0.00	594.93 46.01 0.00	317.11 25.51 0.00	119.05 8.74 0.00	120.69 7.95 -2.35	72.77 3.85 0.00
DANC__LFGE 323619	72.94 0.70 0.00	72.43 0.89 0.00	62.76 0.56 0.00	55.72 0.53 0.00	59.65 0.20 0.00	60.52 0.22 0.00	71.42 0.67 0.00	77.33 0.98 0.00	79.67 0.85 0.00	91.60 0.20 0.00	74.96 -0.17 0.00	82.36 -0.79 0.00	83.20 -1.64 0.00	98.66 -2.43 0.00	133.68 -2.99 0.00	119.10 -2.48 0.00	304.69 -6.91 0.00	455.07 -9.82 0.00	348.42 -7.91 0.00	543.52 -5.40 0.00	292.29 0.70 0.00	111.94 1.63 0.00	114.59 0.49 -3.72	71.45 -0.02 -2.55
DANSKAMMER__1 23586	77.29 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.56 0.00	82.69 7.56 0.00	92.13 8.97 0.00	94.59 9.75 0.00	120.14 12.06 -6.98	338.63 16.08 -185.88	516.64 14.38 -380.68	742.03 37.56 -392.89	907.26 56.15 -386.22	439.53 42.30 -40.89	612.76 63.15 -0.69	324.67 33.08 0.00	122.11 11.80 0.00	120.86 10.09 -0.39	74.04 5.12 0.00
DANSKAMMER__2 23589	77.29 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.56 0.00	82.69 7.56 0.00	92.13 8.97 0.00	94.59 9.75 0.00	120.14 12.06 -6.98	338.63 16.08 -185.88	516.64 14.38 -380.68	742.03 37.56 -392.89	907.26 56.15 -386.22	439.53 42.30 -40.89	612.76 63.15 -0.69	324.67 33.08 0.00	122.11 11.80 0.00	120.86 10.09 -0.39	74.04 5.12 0.00
DANSKAMMER__3 23590	77.29 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.56 0.00	82.69 7.56 0.00	92.13 8.97 0.00	94.59 9.75 0.00	120.14 12.06 -6.98	338.63 16.08 -185.88	516.64 14.38 -380.68	742.03 37.56 -392.89	907.26 56.15 -386.22	439.53 42.30 -40.89	612.76 63.15 -0.69	324.67 33.08 0.00	122.11 11.80 0.00	120.86 10.09 -0.39	74.04 5.12 0.00

DANSKAMMER___4 23591	77.29 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.56 0.00	82.69 7.56 0.00	92.13 8.97 0.00	94.59 9.75 0.00	120.14 12.06 -6.98	338.63 16.08 -185.88	516.64 14.38 -380.68	742.03 37.56 -392.89	907.26 56.15 -386.22	439.53 42.30 -40.89	612.76 63.15 -0.69	324.67 33.08 0.00	122.11 11.80 0.00	120.86 10.09 -0.39	74.04 5.12 0.00
DANSKAMMER___DIESEL 23592	77.28 5.04 0.00	75.82 4.27 0.00	65.76 3.56 0.00	58.45 3.26 0.00	62.88 3.43 0.00	63.82 3.52 0.00	74.73 3.98 0.00	81.15 4.79 0.00	84.15 5.32 0.00	98.96 7.57 0.00	82.70 7.57 0.00	92.13 8.98 0.00	94.60 9.77 0.00	120.14 12.07 -6.98	338.62 16.07 -185.88	516.63 14.37 -380.68	742.05 37.57 -392.89	907.34 56.23 -386.22	439.56 42.34 -40.89	612.92 63.31 -0.69	324.68 33.09 0.00	122.09 11.79 0.00	120.85 10.08 -0.39	74.05 5.12 0.00
DARBY___SOLAR 323810	76.33 4.09 0.00	75.36 3.82 0.00	65.34 3.15 0.00	58.00 2.81 0.00	62.64 3.18 0.00	63.55 3.26 0.00	74.70 3.95 0.00	80.65 4.29 0.00	83.13 4.30 0.00	96.46 5.06 0.00	79.60 4.47 0.00	88.40 5.25 0.00	90.47 5.64 0.00	108.28 6.81 -0.38	155.59 8.89 -10.04	149.22 7.09 -20.55	351.03 18.23 -21.21	515.31 29.56 -20.85	385.12 26.57 -2.21	591.03 42.08 -0.04	314.93 23.33 0.00	118.32 8.01 0.00	120.18 7.29 -2.51	72.42 3.50 0.00
DASHVILLE___HYD 23610	76.58 4.34 0.00	75.22 3.68 0.00	65.26 3.07 0.00	57.96 2.77 0.00	62.36 2.90 0.00	63.29 2.99 0.00	74.14 3.39 0.00	80.57 4.21 0.00	83.37 4.55 0.00	97.91 6.52 0.00	74.36 6.63 7.40	90.91 7.76 0.00	93.28 8.45 0.00	115.73 10.59 -4.05	258.70 14.23 -107.80	355.48 13.13 -220.76	573.93 34.50 -227.84	740.20 51.33 -223.97	418.18 38.14 -23.72	606.09 56.77 -0.40	320.86 29.27 0.00	120.53 10.22 0.00	118.05 8.50 0.83	73.12 4.20 0.00
DELAWARE___LFGE 323621	74.93 2.69 0.00	73.98 2.43 0.00	64.40 2.20 0.00	57.13 1.94 0.00	61.43 1.98 0.00	62.44 2.14 0.00	73.24 2.49 0.00	79.25 2.90 0.00	81.84 3.01 0.00	95.06 3.66 0.00	78.73 3.60 0.00	87.50 4.35 0.00	89.29 4.46 0.00	106.99 5.53 -0.37	153.77 7.33 -9.77	148.15 6.56 -20.01	349.57 17.32 -20.65	510.97 25.78 -20.30	378.13 19.65 -2.15	578.73 29.78 -0.04	307.16 15.57 0.00	115.67 5.36 0.00	115.57 4.50 -0.69	71.88 2.48 -0.47
DERFIELD_115KV_TB7 355931	72.77 0.53 0.00	72.04 0.50 0.00	62.63 0.44 0.00	55.59 0.40 0.00	59.85 0.39 0.00	60.72 0.43 0.00	71.25 0.50 0.00	76.93 0.57 0.00	79.38 0.55 0.00	92.13 0.73 0.00	75.96 0.83 0.00	84.16 1.01 0.00	85.87 1.03 0.00	102.40 1.31 0.00	138.39 1.72 0.00	123.00 1.42 0.00	315.24 3.65 0.00	470.23 5.34 0.00	360.61 4.27 0.00	555.46 6.54 0.00	295.14 3.54 0.00	111.51 1.20 0.00	111.38 1.00 0.00	69.34 0.41 0.00
DOGLEVILLE___HYD 23807	74.66 2.42 0.00	73.70 2.16 0.00	64.02 1.82 0.00	56.99 1.80 0.00	61.43 1.97 0.00	62.42 2.13 0.00	73.07 2.32 0.00	78.51 2.16 0.00	80.73 1.90 0.00	93.06 1.67 0.00	77.09 1.96 0.00	85.58 2.43 0.00	87.96 3.13 0.00	105.09 4.01 0.00	141.74 5.08 0.00	124.90 3.31 0.00	321.40 9.80 0.00	483.78 18.89 0.00	376.61 20.27 0.00	584.50 35.58 0.00	312.58 20.99 0.00	117.42 7.11 0.00	116.16 5.78 0.00	71.38 2.46 0.00
DUNKIRK___115KV_TB_200 55889	74.21 1.97 0.00	71.86 0.32 0.00	62.18 -0.02 0.00	54.59 -0.60 0.00	58.08 -1.38 0.00	59.44 -0.85 0.00	69.48 -1.27 0.00	75.41 -0.95 0.00	79.54 0.72 0.00	92.24 0.85 0.00	76.91 1.78 0.00	85.63 2.48 0.00	85.37 0.53 0.00	101.79 0.70 0.00	138.95 2.28 0.00	123.99 2.41 0.00	319.01 7.42 0.00	479.35 14.46 0.00	364.00 7.67 0.00	559.65 10.73 0.00	296.43 4.84 0.00	110.38 0.07 0.00	110.61 0.23 0.00	69.47 0.55 0.00
DUNKIRK___1 23563	74.21 1.97 0.00	71.86 0.32 0.00	62.18 -0.02 0.00	54.59 -0.60 0.00	58.08 -1.38 0.00	59.44 -0.85 0.00	69.48 -1.27 0.00	75.41 -0.95 0.00	79.54 0.72 0.00	92.24 0.85 0.00	76.91 1.78 0.00	85.63 2.48 0.00	85.37 0.53 0.00	101.79 0.70 0.00	138.95 2.28 0.00	123.99 2.41 0.00	319.01 7.42 0.00	479.35 14.46 0.00	364.00 7.67 0.00	559.65 10.73 0.00	296.43 4.84 0.00	110.38 0.07 0.00	110.61 0.23 0.00	69.47 0.55 0.00
DUNKIRK___2 23564	74.21 1.97 0.00	71.86 0.32 0.00	62.18 -0.02 0.00	54.59 -0.60 0.00	58.08 -1.38 0.00	59.44 -0.85 0.00	69.48 -1.27 0.00	75.41 -0.95 0.00	79.54 0.72 0.00	92.24 0.85 0.00	76.91 1.78 0.00	85.63 2.48 0.00	85.37 0.53 0.00	101.79 0.70 0.00	138.95 2.28 0.00	123.99 2.41 0.00	319.01 7.42 0.00	479.35 14.46 0.00	364.00 7.67 0.00	559.65 10.73 0.00	296.43 4.84 0.00	110.38 0.07 0.00	110.61 0.23 0.00	69.47 0.55 0.00
DUNKIRK___3 23565	73.77 1.52 0.00	71.53 -0.01 0.00	61.93 -0.27 0.00	54.36 -0.83 0.00	57.85 -1.61 0.00	59.16 -1.14 0.00	69.10 -1.64 0.00	74.91 -1.45 0.00	79.05 0.23 0.00	91.64 0.25 0.00	76.33 1.20 0.00	85.02 1.87 0.00	84.79 -0.04 0.00	101.01 -0.08 0.00	137.86 1.20 0.00	123.05 1.47 0.00	316.32 4.73 0.00	475.09 10.20 0.00	360.86 4.52 0.00	554.57 5.66 0.00	293.67 2.08 0.00	109.35 -0.96 0.00	109.77 -0.61 0.00	69.02 0.10 0.00
DUNKIRK___4 23566	73.77 1.52 0.00	71.53 -0.01 0.00	61.93 -0.27 0.00	54.36 -0.83 0.00	57.85 -1.61 0.00	59.16 -1.14 0.00	69.10 -1.64 0.00	74.91 -1.45 0.00	79.05 0.23 0.00	91.64 0.25 0.00	76.33 1.20 0.00	85.02 1.87 0.00	84.79 -0.04 0.00	101.01 -0.08 0.00	137.86 1.20 0.00	123.05 1.47 0.00	316.32 4.73 0.00	475.09 10.20 0.00	360.86 4.52 0.00	554.57 5.66 0.00	293.67 2.08 0.00	109.35 -0.96 0.00	109.77 -0.61 0.00	69.02 0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	77.25 5.01 0.00	75.78 4.24 0.00	65.82 3.63 0.00	58.59 3.40 0.00	63.06 3.61 0.00	64.02 3.72 0.00	74.90 4.15 0.00	81.27 4.91 0.00	84.32 5.50 0.00	99.54 7.94 -0.20	83.11 7.98 0.00	92.55 9.40 0.00	95.07 10.23 0.00	121.78 12.70 -7.99	365.96 16.67 -212.62	573.15 14.93 -436.64	800.28 38.78 -449.91	963.69 57.03 -441.76	446.07 42.96 -46.78	613.66 63.95 -0.79	324.49 32.90 0.00	121.77 11.47 0.00	120.29 9.41 -0.51	73.56 4.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	76.76 4.52 0.00	75.30 3.76 0.00	65.33 3.13 0.00	58.09 2.89 0.00	62.49 3.03 0.00	63.42 3.13 0.00	74.28 3.53 0.00	80.60 4.24 0.00	83.53 4.71 0.00	98.20 6.80 0.00	82.05 6.91 0.00	91.35 8.19 0.00	93.75 8.91 0.00	118.58 11.08 -6.42	322.18 14.74 -170.76	484.57 13.27 -349.72	707.48 34.96 -360.93	871.84 52.13 -354.80	433.37 39.47 -37.57	608.57 59.01 -0.64	322.10 30.51 0.00	120.97 10.66 0.00	119.63 8.91 -0.34	73.34 4.41 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	77.38 5.14 0.00	75.94 4.39 0.00	66.06 3.87 0.00	58.89 3.70 0.00	63.38 3.92 0.00	64.44 4.14 0.00	75.30 4.55 0.00	81.62 5.26 0.00	84.77 5.95 0.00	101.44 8.82 -1.22	85.60 8.62 -1.85	94.37 9.73 -1.49	96.28 10.59 -0.85	124.05 13.11 -9.85	369.19 17.04 -215.49	579.78 15.40 -442.80	802.65 39.67 -451.39	964.33 57.65 -441.78	446.34 43.23 -46.78	614.31 64.60 -0.79	324.88 33.29 0.00	121.73 11.42 0.00	120.17 9.28 -0.51	73.61 4.68 0.00

E179THST_13_KV_LOAD 356214	77.96 5.72 0.00	76.48 4.94 0.00	66.51 4.32 0.00	59.28 4.09 0.00	63.79 4.33 0.00	64.86 4.56 0.00	75.81 5.06 0.00	82.20 5.84 0.00	85.40 6.58 0.00	102.19 9.57 -1.22	86.23 9.24 -1.85	95.09 10.45 -1.49	96.98 11.30 -0.85	124.94 14.00 -9.85	370.37 18.22 -215.49	580.87 16.49 -442.80	805.45 42.47 -451.39	968.53 61.86 -441.78	449.55 46.44 -46.78	619.34 69.63 -0.79	327.49 35.89 0.00	122.70 12.39 0.00	121.12 10.23 -0.51	74.19 5.26 0.00
EAST HAMPTON___GT 23717	88.01 8.62 -7.15	80.81 7.38 -1.90	76.15 5.88 -8.07	63.99 4.62 -4.18	68.67 4.99 -4.23	68.56 6.38 -1.88	79.00 7.81 -0.44	85.22 8.21 -0.65	88.83 9.55 -0.45	101.21 11.77 1.96	95.67 12.13 -8.41	156.52 15.29 -58.08	227.65 15.66 -127.15	240.61 18.57 -120.95	388.09 24.84 -226.57	620.91 22.05 -477.27	835.85 51.11 -473.15	1039.89 84.61 -490.38	539.38 68.71 -114.33	706.68 105.60 -52.16	391.99 52.03 -48.36	241.40 18.53 -112.57	184.81 15.33 -59.09	86.01 7.56 -9.52
EAST RIVER___6 23660	77.37 5.13 0.00	75.85 4.31 0.00	65.88 3.69 0.00	58.73 3.54 0.00	63.22 3.76 0.00	64.18 3.89 0.00	75.03 4.28 0.00	81.45 5.10 0.00	84.64 5.82 0.00	99.94 8.54 0.00	83.68 8.55 0.00	93.21 10.06 0.00	95.73 10.89 0.00	122.61 13.54 -7.99	366.84 17.56 -212.61	572.75 15.75 -435.42	801.94 40.98 -449.38	966.02 59.37 -441.75	447.40 44.29 -46.78	615.84 66.13 -0.79	325.54 33.95 0.00	122.00 11.69 0.00	120.36 9.48 -0.51	73.62 4.70 0.00
EAST RIVER___7 23524	77.37 5.13 0.00	75.85 4.31 0.00	65.88 3.69 0.00	58.73 3.54 0.00	63.22 3.76 0.00	64.18 3.89 0.00	75.03 4.28 0.00	81.45 5.10 0.00	84.64 5.82 0.00	99.94 8.54 0.00	83.68 8.55 0.00	93.21 10.06 0.00	95.73 10.89 0.00	122.61 13.54 -7.99	366.84 17.56 -212.61	572.75 15.75 -435.42	801.94 40.98 -449.38	966.02 59.37 -441.75	447.40 44.29 -46.78	615.84 66.13 -0.79	325.54 33.95 0.00	122.00 11.69 0.00	120.36 9.48 -0.51	73.62 4.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	77.04 4.80 0.00	75.58 4.04 0.00	65.62 3.43 0.00	58.42 3.23 0.00	62.87 3.42 0.00	63.83 3.53 0.00	74.68 3.93 0.00	81.01 4.66 0.00	84.06 5.23 0.00	99.02 7.62 0.00	82.83 7.70 0.00	92.22 9.07 0.00	94.73 9.89 0.00	121.38 12.32 -7.97	365.01 16.16 -212.18	570.56 14.45 -434.53	797.73 37.68 -448.46	961.13 55.39 -440.85	444.71 41.70 -46.68	611.83 62.13 -0.79	323.51 31.92 0.00	121.39 11.08 0.00	119.96 9.08 -0.50	73.38 4.46 0.00
EAST_HAMPTON___DIESEL 23722	87.94 8.55 -7.15	80.74 7.30 -1.90	76.04 5.77 -8.07	63.86 4.49 -4.18	68.55 4.87 -4.23	68.51 6.32 -1.88	78.97 7.78 -0.44	85.13 8.12 -0.65	88.74 9.46 -0.45	101.18 11.75 1.96	95.69 12.15 -8.41	156.55 15.32 -58.07	227.65 15.67 -127.14	240.61 18.58 -120.94	388.09 24.85 -226.57	620.92 22.07 -477.27	835.66 50.92 -473.15	1039.91 84.63 -490.38	539.69 69.03 -114.33	707.28 106.20 -52.16	392.22 52.26 -48.36	241.41 18.53 -112.56	184.81 15.34 -59.09	86.01 7.57 -9.52
EAST_POINT___SOLAR 323840	78.39 6.15 0.00	77.20 5.66 0.00	67.03 4.83 0.00	59.23 4.04 0.00	63.76 4.30 0.00	64.83 4.53 0.00	75.37 4.62 0.00	79.36 3.00 0.00	81.88 3.06 0.00	93.21 1.82 0.00	76.03 0.90 0.00	85.18 2.03 0.00	86.28 1.45 0.00	101.73 0.64 0.00	137.10 0.43 0.00	122.70 1.12 0.00	319.79 8.20 0.00	474.99 10.09 0.00	369.48 13.14 0.00	586.72 37.80 0.00	317.17 25.58 0.00	119.83 9.52 0.00	120.71 9.29 -1.04	74.50 5.58 0.00
EAST_PULASKI___ESR 323781	71.78 -0.46 0.00	70.92 -0.62 0.00	61.53 -0.66 0.00	54.53 -0.66 0.00	58.49 -0.97 0.00	59.45 -0.85 0.00	69.93 -0.82 0.00	75.64 -0.72 0.00	78.05 -0.77 0.00	90.14 -1.26 0.00	74.09 -1.05 0.00	81.86 -1.29 0.00	83.10 -1.73 0.00	98.91 -2.17 0.00	134.05 -2.62 0.00	119.30 -2.28 0.00	304.70 -6.90 0.00	454.76 -10.14 0.00	348.36 -7.98 0.00	538.76 -10.16 0.00	288.25 -3.35 0.00	109.71 -0.60 0.00	114.71 -1.15 -5.48	71.88 -0.80 -3.75
EAST_RIVER___1 323558	77.41 5.16 0.00	75.88 4.34 0.00	65.94 3.75 0.00	58.78 3.59 0.00	63.27 3.82 0.00	64.25 3.95 0.00	75.10 4.35 0.00	81.52 5.17 0.00	84.71 5.89 0.00	100.00 8.61 0.00	83.69 8.56 0.00	93.22 10.07 0.00	95.76 10.93 0.00	122.66 13.59 -7.99	366.98 17.70 -212.61	572.90 15.90 -435.42	802.14 41.18 -449.38	966.38 59.74 -441.75	447.75 44.64 -46.77	615.93 66.22 -0.79	325.68 34.08 0.00	122.07 11.77 0.00	120.44 9.55 -0.51	73.65 4.73 0.00
EAST_RIVER___2 323559	77.37 5.13 0.00	75.85 4.31 0.00	65.88 3.69 0.00	58.73 3.54 0.00	63.22 3.76 0.00	64.18 3.89 0.00	75.03 4.28 0.00	81.45 5.10 0.00	84.64 5.82 0.00	99.94 8.54 0.00	83.68 8.55 0.00	93.21 10.06 0.00	95.73 10.89 0.00	122.61 13.54 -7.99	366.84 17.56 -212.61	572.75 15.75 -435.42	801.94 40.98 -449.38	966.02 59.37 -441.75	447.40 44.29 -46.78	615.84 66.13 -0.79	325.54 33.95 0.00	122.00 11.69 0.00	120.36 9.48 -0.51	73.62 4.70 0.00
EAST___DELAWARE_HYD 23607	75.08 2.84 0.00	73.70 2.16 0.00	63.92 1.72 0.00	56.80 1.61 0.00	61.10 1.65 0.00	62.02 1.72 0.00	72.74 2.00 0.00	79.60 3.24 0.00	81.89 3.07 0.00	95.81 4.41 0.00	77.16 4.42 2.39	86.66 3.51 0.00	88.99 4.16 0.00	111.61 5.60 -4.92	274.94 7.36 -130.91	396.47 6.80 -268.09	608.19 19.91 -276.69	778.18 41.30 -271.99	416.77 31.64 -28.80	596.75 47.35 -0.49	315.93 24.34 0.00	118.62 8.31 0.00	116.90 6.52 0.00	71.87 2.95 0.00
EIGHT_POINT___WT_PWR 323820	73.46 1.22 0.00	71.87 0.32 0.00	62.45 0.26 0.00	55.29 0.10 0.00	59.32 -0.14 0.00	60.64 0.35 0.00	70.93 0.18 0.00	76.57 0.21 0.00	79.89 1.07 0.00	92.48 1.09 0.00	76.95 1.81 0.00	86.00 2.86 0.00	86.74 1.91 0.00	102.06 0.97 0.00	139.36 2.69 0.00	124.60 3.02 0.00	318.58 6.99 0.00	477.21 12.31 0.00	367.65 11.32 0.00	569.40 20.48 0.00	302.45 10.86 0.00	113.22 2.91 0.00	114.09 2.86 -0.84	71.19 1.69 -0.58
ELBRIDGE_115KV_TB2 80188	72.38 0.14 0.00	71.21 -0.33 0.00	61.74 -0.46 0.00	54.66 -0.54 0.00	58.72 -0.74 0.00	59.77 -0.53 0.00	70.05 -0.70 0.00	75.82 -0.53 0.00	78.39 -0.44 0.00	90.89 -0.51 0.00	75.09 -0.04 0.00	83.35 0.20 0.00	84.72 -0.11 0.00	101.08 0.00 0.00	137.04 0.37 0.00	122.05 0.46 0.00	311.33 -0.26 0.00	464.37 -0.53 0.00	355.34 -1.00 0.00	546.81 -2.11 0.00	291.09 -0.51 0.00	110.02 -0.29 0.00	113.76 -0.41 -3.79	71.34 -0.18 -2.59
ELEC_TRO_TEK 24086	115.97 5.67 -38.06	101.04 4.80 -24.70	100.93 4.34 -34.40	91.14 4.00 -31.95	96.05 4.25 -32.35	79.11 4.36 -14.45	79.00 4.88 -3.37	86.82 5.76 -4.71	89.40 6.36 -4.21	111.74 8.56 -11.78	94.84 8.45 -11.26	137.66 10.24 -44.27	191.25 11.07 -95.35	241.84 13.70 -127.06	463.16 18.07 -308.42	925.73 16.24 -787.91	1096.75 42.15 -743.01	1503.69 62.14 -976.65	864.73 46.87 -461.53	794.67 69.95 -175.80	408.32 36.10 -80.62	234.28 12.49 -111.48	137.69 9.97 -17.34	97.80 4.93 -23.94
ELLENBURG_WT_PWR 323604	70.53 -1.72 0.00	70.03 -1.51 0.00	60.86 -1.33 0.00	54.17 -1.02 0.00	58.52 -0.94 0.00	59.21 -1.09 0.00	69.56 -1.19 0.00	74.94 -1.42 0.00	77.45 -1.37 0.00	89.33 -2.07 0.00	72.10 -3.03 0.00	79.36 -3.79 0.00	80.90 -3.93 0.00	95.78 -5.31 0.00	129.53 -7.14 0.00	115.33 -6.25 0.00	296.82 -14.77 0.00	441.57 -23.32 0.00	339.76 -16.57 0.00	526.31 -22.61 0.00	279.51 -12.09 0.00	106.65 -3.65 0.00	107.58 -2.80 0.00	67.31 -1.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	73.14 0.90 0.00	71.16 -0.38 0.00	61.77 -0.43 0.00	53.92 -1.27 0.00	57.39 -2.06 0.00	58.63 -1.67 0.00	68.32 -2.43 0.00	73.94 -2.42 0.00	78.22 -0.60 0.00	90.54 -0.85 0.00	75.19 0.06 0.00	83.71 0.56 0.00	83.34 -1.49 0.00	99.01 -2.08 0.00	134.87 -1.80 0.00	120.38 -1.20 0.00	309.32 -2.27 0.00	464.60 -0.29 0.00	352.70 -3.64 0.00	542.04 -6.88 0.00	286.97 -4.62 0.00	106.63 -3.68 0.00	107.83 -2.55 0.00	68.12 -0.80 0.00
EMPIRE_CC_1 323656	73.63 1.38 0.00	72.85 1.31 0.00	63.28 1.08 0.00	56.27 1.08 0.00	60.80 1.34 0.00	61.64 1.34 0.00	72.23 1.48 0.00	77.96 1.61 0.00	80.42 1.59 0.00	93.76 2.37 0.00	77.50 2.37 0.00	86.01 2.86 0.00	88.05 3.22 0.00	106.79 4.06 -1.65	185.55 4.98 -43.90	215.04 3.56 -89.90	412.79 8.42 -92.78	569.18 13.08 -91.21	377.27 11.27 -9.66	566.52 17.44 -0.16	301.62 10.02 0.00	113.75 3.45 0.00	116.25 3.00 -2.87	69.95 1.03 0.00
EMPIRE_CC_2 323658	73.63 1.38 0.00	72.85 1.31 0.00	63.28 1.08 0.00	56.27 1.08 0.00	60.80 1.34 0.00	61.64 1.34 0.00	72.23 1.48 0.00	77.96 1.61 0.00	80.42 1.59 0.00	93.76 2.37 0.00	77.50 2.37 0.00	86.01 2.86 0.00	88.05 3.22 0.00	106.79 4.06 -1.65	185.55 4.98 -43.90	215.04 3.56 -89.90	412.79 8.42 -92.78	569.18 13.08 -91.21	377.27 11.27 -9.66	566.52 17.44 -0.16	301.62 10.02 0.00	113.75 3.45 0.00	116.25 3.00 -2.87	69.95 1.03 0.00
ENORWICH_115KV_TB1 80156	77.79 5.54 0.00	76.20 4.66 0.00	66.03 3.84 0.00	58.84 3.65 0.00	63.26 3.80 0.00	64.56 4.26 0.00	76.19 5.44 0.00	82.55 6.20 0.00	85.27 6.44 0.00	97.71 6.32 0.00	80.77 5.64 0.00	89.69 6.54 0.00	91.40 6.57 0.00	109.62 8.53 0.00	148.05 11.39 0.00	132.07 10.49 0.00	339.61 28.02 0.00	507.88 42.98 0.00	394.00 37.67 0.00	609.88 60.96 0.00	325.06 33.46 0.00	121.97 11.66 0.00	121.86 9.99 -1.49	75.73 5.78 -1.02
ERIE_ST__34_KV_TB1-2 80199	73.59 1.35 0.00	71.46 -0.08 0.00	61.92 -0.27 0.00	54.12 -1.07 0.00	57.67 -1.78 0.00	58.90 -1.40 0.00	68.70 -2.05 0.00	74.50 -1.85 0.00	78.77 -0.06 0.00	91.38 -0.01 0.00	75.94 0.81 0.00	84.55 1.40 0.00	84.28 -0.56 0.00	100.18 -0.90 0.00	136.74 0.07 0.00	122.21 0.63 0.00	315.21 3.62 0.00	474.08 9.18 0.00	360.04 3.70 0.00	552.83 3.92 0.00	291.90 0.31 0.00	108.37 -1.94 0.00	109.17 -1.21 0.00	68.75 -0.18 0.00
ERIE_WT_PWR 323693	73.55 1.31 0.00	71.54 0.00 0.00	62.00 -0.19 0.00	54.18 -1.01 0.00	57.68 -1.77 0.00	58.93 -1.37 0.00	68.69 -2.06 0.00	74.39 -1.97 0.00	78.67 -0.15 0.00	91.09 -0.31 0.00	75.67 0.54 0.00	84.29 1.14 0.00	83.99 -0.84 0.00	99.80 -1.29 0.00	136.13 -0.54 0.00	121.49 -0.09 0.00	312.08 0.48 0.00	469.95 5.06 0.00	356.77 0.43 0.00	547.91 -1.01 0.00	289.41 -2.19 0.00	107.56 -2.75 0.00	108.67 -1.72 0.00	68.56 -0.36 0.00
ESPRGFLD_115KV_TB1 80157	76.51 4.27 0.00	75.45 3.91 0.00	65.62 3.43 0.00	58.00 2.81 0.00	62.30 2.84 0.00	63.38 3.08 0.00	74.43 3.68 0.00	80.26 3.90 0.00	82.92 4.10 0.00	95.79 4.39 0.00	78.64 3.51 0.00	87.37 4.21 0.00	88.72 3.89 0.00	105.45 4.36 0.00	142.33 5.66 0.00	127.54 5.95 0.00	328.82 17.22 0.00	488.97 24.07 0.00	375.31 18.98 0.00	581.85 32.93 0.00	309.59 17.99 0.00	116.80 6.49 0.00	117.36 6.23 -0.75	72.91 3.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	74.69 2.45 0.00	73.35 1.81 0.00	63.59 1.39 0.00	56.35 1.16 0.00	60.52 1.06 0.00	61.62 1.32 0.00	72.33 1.58 0.00	78.24 1.89 0.00	80.79 1.97 0.00	93.23 1.83 0.00	77.11 1.98 0.00	85.51 2.36 0.00	86.98 2.15 0.00	103.94 2.85 0.00	141.11 4.44 0.00	126.20 4.62 0.00	322.59 11.00 0.00	480.42 15.53 0.00	369.90 13.57 0.00	571.10 22.18 0.00	303.98 12.39 0.00	114.61 4.30 0.00	116.06 3.65 -2.03	72.40 2.09 -1.39
ETNA____115KV_TB2 80207	74.69 2.45 0.00	73.35 1.81 0.00	63.59 1.39 0.00	56.35 1.16 0.00	60.52 1.06 0.00	61.62 1.32 0.00	72.33 1.58 0.00	78.24 1.89 0.00	80.79 1.97 0.00	93.23 1.83 0.00	77.11 1.98 0.00	85.51 2.36 0.00	86.98 2.15 0.00	103.94 2.85 0.00	141.11 4.44 0.00	126.20 4.62 0.00	322.59 11.00 0.00	480.42 15.53 0.00	369.90 13.57 0.00	571.10 22.18 0.00	303.98 12.39 0.00	114.61 4.30 0.00	116.06 3.65 -2.03	72.40 2.09 -1.39
EUCLID__115KV_TB2 356179	72.04 -0.21 0.00	70.92 -0.62 0.00	61.59 -0.60 0.00	54.52 -0.67 0.00	58.51 -0.95 0.00	59.55 -0.75 0.00	69.85 -0.90 0.00	75.54 -0.81 0.00	78.09 -0.73 0.00	90.59 -0.80 0.00	74.86 -0.27 0.00	83.08 -0.07 0.00	84.50 -0.33 0.00	100.84 -0.25 0.00	136.65 -0.02 0.00	121.64 0.06 0.00	310.73 -0.86 0.00	463.58 -1.31 0.00	354.54 -1.79 0.00	545.30 -3.62 0.00	290.16 -1.43 0.00	109.60 -0.71 0.00	111.13 -0.92 -1.68	69.52 -0.55 -1.15
E_CANADA_CAP_HY 24051	77.02 4.78 0.00	76.05 4.51 0.00	66.08 3.89 0.00	58.38 3.19 0.00	62.76 3.30 0.00	63.81 3.51 0.00	74.79 4.04 0.00	80.08 3.72 0.00	82.53 3.70 0.00	95.01 3.62 0.00	77.48 2.35 0.00	86.10 2.95 0.00	87.23 2.40 0.00	103.09 2.00 0.00	138.79 2.12 0.00	124.42 2.84 0.00	321.52 9.93 0.00	478.59 13.69 0.00	369.13 12.79 0.00	576.44 27.52 0.00	308.31 16.71 0.00	116.49 6.18 0.00	118.07 6.72 -0.97	73.26 4.33 0.00
E_CANADA_MHWK_HY 24050	74.66 2.42 0.00	73.70 2.16 0.00	64.02 1.82 0.00	56.99 1.80 0.00	61.43 1.97 0.00	62.42 2.13 0.00	73.07 2.32 0.00	78.51 2.15 0.00	80.72 1.90 0.00	93.06 1.67 0.00	77.08 1.95 0.00	85.58 2.43 0.00	87.96 3.13 0.00	105.09 4.01 0.00	141.74 5.07 0.00	124.89 3.31 0.00	321.39 9.80 0.00	483.76 18.86 0.00	376.64 20.31 0.00	584.51 35.59 0.00	312.59 21.00 0.00	117.42 7.11 0.00	116.15 5.77 0.00	71.38 2.45 0.00
E_FISHKILL__LBMP 23776	76.30 4.06 0.00	74.98 3.44 0.00	65.10 2.90 0.00	57.91 2.72 0.00	62.35 2.89 0.00	63.28 2.98 0.00	74.05 3.30 0.00	80.30 3.95 0.00	83.19 4.37 0.00	97.75 6.36 0.00	81.61 6.48 0.00	90.84 7.68 0.00	93.26 8.42 0.00	119.68 10.45 -8.15	367.29 13.69 -216.93	577.87 12.02 -444.27	801.41 31.30 -458.51	961.73 46.11 -450.73	438.91 34.85 -47.73	601.70 51.97 -0.81	318.48 26.88 0.00	119.65 9.35 0.00	118.63 7.73 -0.52	72.65 3.72 0.00
FALCON__SEABRD_CC1 323796	70.49 -1.75 0.00	69.76 -1.78 0.00	60.59 -1.61 0.00	53.94 -1.25 0.00	58.16 -1.30 0.00	58.83 -1.47 0.00	68.82 -1.93 0.00	74.18 -2.18 0.00	76.56 -2.26 0.00	88.52 -2.87 0.00	71.30 -3.83 0.00	78.45 -4.70 0.00	80.01 -4.83 0.00	94.60 -6.49 0.00	127.93 -8.74 0.00	113.65 -7.93 0.00	293.13 -18.47 0.00	436.33 -28.56 0.00	336.73 -19.60 0.00	521.48 -27.43 0.00	277.06 -14.53 0.00	106.47 -3.84 0.00	107.23 -3.15 0.00	66.55 -2.37 0.00
FALCON__SEABRD_CC2 323797	70.49 -1.75 0.00	69.76 -1.78 0.00	60.59 -1.61 0.00	53.94 -1.25 0.00	58.16 -1.30 0.00	58.83 -1.47 0.00	68.82 -1.93 0.00	74.18 -2.18 0.00	76.56 -2.26 0.00	88.52 -2.87 0.00	71.30 -3.83 0.00	78.45 -4.70 0.00	80.01 -4.83 0.00	94.60 -6.49 0.00	127.93 -8.74 0.00	113.65 -7.93 0.00	293.13 -18.47 0.00	436.33 -28.56 0.00	336.73 -19.60 0.00	521.48 -27.43 0.00	277.06 -14.53 0.00	106.47 -3.84 0.00	107.23 -3.15 0.00	66.55 -2.37 0.00

FAR ROCKAWAY___4 23548	162.12 7.25 -82.63	135.28 6.25 -57.49	139.97 5.53 -72.24	132.07 5.00 -71.88	137.71 5.47 -72.78	98.54 5.73 -32.52	84.87 6.53 -7.59	94.30 7.41 -10.54	96.61 8.17 -9.62	134.40 10.75 -32.26	114.85 10.69 -29.02	197.79 12.87 -101.76	301.20 13.51 -202.86	364.29 16.43 -246.77	594.58 21.62 -436.29	1362.11 19.45 -1221.09	1469.46 50.50 -1107.37	2173.00 74.28 -1633.83	1387.17 55.64 -975.20	983.27 82.85 -351.50	493.53 43.19 -158.74	328.26 15.13 -202.82	162.85 12.41 -40.06	137.64 6.35 -62.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	77.41 5.17 0.00	75.91 4.37 0.00	65.96 3.77 0.00	58.81 3.62 0.00	63.30 3.85 0.00	64.27 3.97 0.00	75.12 4.38 0.00	81.56 5.20 0.00	84.72 5.89 0.00	100.02 8.62 0.00	83.74 8.61 0.00	93.25 10.10 0.00	95.79 10.96 0.00	122.69 13.61 -7.99	366.99 17.70 -212.61	572.96 15.96 -435.42	802.35 41.38 -449.38	966.56 59.91 -441.75	447.82 44.71 -46.78	616.32 66.61 -0.79	325.53 33.94 0.00	121.96 11.65 0.00	120.49 9.61 -0.51	73.69 4.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	77.52 5.28 0.00	76.00 4.46 0.00	66.04 3.85 0.00	58.88 3.69 0.00	63.37 3.92 0.00	64.33 4.03 0.00	75.20 4.45 0.00	81.64 5.29 0.00	84.80 5.97 0.00	100.11 8.71 0.00	83.80 8.67 0.00	93.33 10.18 0.00	95.85 11.02 0.00	122.77 13.70 -7.99	367.12 17.84 -212.61	573.08 16.08 -435.42	802.61 41.63 -449.38	967.03 60.38 -441.75	448.17 45.06 -46.78	616.87 67.16 -0.79	326.04 34.44 0.00	122.24 11.93 0.00	120.60 9.72 -0.51	73.76 4.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	77.34 5.10 0.00	75.85 4.31 0.00	65.92 3.72 0.00	58.77 3.58 0.00	63.26 3.80 0.00	64.23 3.94 0.00	75.07 4.32 0.00	81.50 5.14 0.00	84.65 5.83 0.00	99.93 8.53 0.00	83.68 8.55 0.00	93.17 10.02 0.00	95.69 10.86 0.00	122.57 13.49 -7.99	366.85 17.56 -212.61	572.78 15.78 -435.42	801.97 40.99 -449.38	965.96 59.31 -441.75	447.36 44.25 -46.78	615.68 65.97 -0.79	325.39 33.80 0.00	121.96 11.65 0.00	120.35 9.46 -0.51	73.60 4.67 0.00
FARRAGUT___LBMP 323566	77.26 5.02 0.00	75.76 4.22 0.00	65.84 3.64 0.00	58.71 3.52 0.00	63.20 3.74 0.00	64.16 3.86 0.00	74.98 4.24 0.00	81.38 5.02 0.00	84.55 5.72 0.00	99.79 8.39 0.00	83.55 8.42 0.00	93.01 9.85 0.00	95.57 10.73 0.00	122.40 13.32 -7.99	366.59 17.31 -212.61	572.60 15.60 -435.42	801.43 40.46 -449.38	965.17 58.52 -441.75	446.90 43.79 -46.78	614.85 65.15 -0.79	325.05 33.46 0.00	121.85 11.54 0.00	120.19 9.30 -0.51	73.51 4.59 0.00
FENNER___WINDPWR 24204	74.77 2.53 0.00	73.68 2.14 0.00	63.94 1.75 0.00	56.71 1.52 0.00	60.91 1.46 0.00	61.90 1.60 0.00	72.74 1.99 0.00	78.59 2.23 0.00	81.05 2.22 0.00	93.85 2.45 0.00	77.53 2.40 0.00	85.66 2.51 0.00	86.95 2.11 0.00	103.65 2.57 0.00	140.34 3.67 0.00	125.00 3.42 0.00	320.50 8.91 0.00	478.55 13.65 0.00	367.54 11.20 0.00	567.57 18.66 0.00	302.38 10.79 0.00	114.23 3.92 0.00	115.78 3.83 -1.57	72.11 2.12 -1.07
FIBERTEK___ENERGY 23856	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
FITZPATRICK___ 23598	70.57 -1.68 0.00	69.55 -1.99 0.00	60.43 -1.76 0.00	53.54 -1.65 0.00	57.49 -1.97 0.00	58.51 -1.79 0.00	68.61 -2.14 0.00	74.17 -2.19 0.00	76.61 -2.22 0.00	88.79 -2.61 0.00	73.23 -1.90 0.00	81.16 -2.00 0.00	82.62 -2.21 0.00	98.50 -2.58 0.00	133.47 -3.20 0.00	118.82 -2.77 0.00	303.60 -8.00 0.00	452.75 -12.15 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.55 -8.05 0.00	107.22 -3.09 0.00	87.13 -3.13 20.12	53.33 -1.81 13.78
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	77.58 5.34 0.00	76.11 4.57 0.00	66.00 3.81 0.00	58.65 3.46 0.00	63.11 3.66 0.00	64.05 3.75 0.00	75.02 4.27 0.00	81.45 5.09 0.00	84.50 5.67 0.00	99.41 8.02 0.00	83.06 7.93 0.00	92.56 9.41 0.00	95.07 10.24 0.00	120.97 12.68 -7.20	345.21 16.88 -191.66	529.18 15.10 -392.50	756.10 39.42 -405.09	921.93 58.83 -398.21	442.91 44.41 -42.17	615.87 66.24 -0.71	326.15 34.56 0.00	122.52 12.21 0.00	121.25 10.46 -0.41	74.25 5.33 0.00
FORT ORANGE___ 23900	73.14 0.90 0.00	72.43 0.89 0.00	63.01 0.81 0.00	56.00 0.81 0.00	60.36 0.91 0.00	61.24 0.94 0.00	71.67 0.92 0.00	77.40 1.04 0.00	79.70 0.88 0.00	92.62 1.23 0.00	71.74 1.54 4.93	85.00 1.85 0.00	87.05 2.22 0.00	103.96 2.87 0.00	140.19 3.52 0.00	124.57 2.99 0.00	318.13 6.54 0.00	475.61 10.71 0.00	366.11 9.77 0.00	564.11 15.19 0.00	300.42 8.82 0.00	113.17 2.86 0.00	103.99 2.12 8.51	69.61 0.68 0.00
FORT_DRUM_COGEN 23780	74.79 2.55 0.00	74.54 3.00 0.00	64.48 2.29 0.00	57.35 2.15 0.00	61.37 1.91 0.00	62.16 1.86 0.00	73.50 2.75 0.00	79.62 3.26 0.00	81.99 3.16 0.00	93.63 2.23 0.00	76.18 1.05 0.00	83.12 -0.03 0.00	83.56 -1.28 0.00	98.64 -2.45 0.00	133.71 -2.96 0.00	119.19 -2.39 0.00	305.55 -6.04 0.00	456.86 -8.04 0.00	350.43 -5.90 0.00	551.52 2.60 0.00	298.60 7.00 0.00	115.26 4.95 0.00	116.46 3.41 -2.68	72.30 1.54 -1.83
FOX_HILLS___ESR 323835	77.46 5.21 0.00	75.71 4.16 0.00	65.87 3.67 0.00	58.91 3.72 0.00	63.16 3.70 0.00	64.14 3.84 0.00	73.69 3.90 0.95	80.76 4.40 0.00	84.07 5.25 0.00	96.25 8.24 3.38	85.38 8.18 -2.07	93.64 9.30 -1.19	96.23 10.36 -1.04	123.24 12.71 -9.44	372.74 16.53 -219.54	550.64 15.15 -413.91	788.81 39.38 -437.85	963.18 56.51 -441.78	446.78 43.66 -46.78	615.22 65.51 -0.79	325.54 33.95 0.00	121.91 11.60 0.00	120.31 9.43 -0.51	73.67 4.74 0.00
FPL_FAR_ROCK_GT1 24212	162.12 7.25 -82.63	135.27 6.24 -57.49	139.97 5.53 -72.24	132.07 5.00 -71.88	137.71 5.47 -72.78	98.54 5.73 -32.52	84.87 6.52 -7.59	94.30 7.41 -10.54	96.61 8.16 -9.62	134.41 10.76 -32.26	114.73 10.58 -29.02	197.74 12.83 -101.76	301.14 13.45 -202.86	364.28 16.42 -246.77	594.61 21.65 -436.29	1362.08 19.41 -1221.09	1469.51 50.55 -1107.37	2172.95 74.22 -1633.83	1387.21 55.67 -975.20	983.08 82.66 -351.50	493.49 43.16 -158.74	328.26 15.13 -202.82	162.83 12.39 -40.06	137.64 6.34 -62.37
FPL_FAR_ROCK_GT2 23815	162.12 7.25 -82.63	135.27 6.24 -57.49	139.97 5.53 -72.24	132.07 5.00 -71.88	137.71 5.47 -72.78	98.54 5.73 -32.52	84.87 6.52 -7.59	94.30 7.41 -10.54	96.61 8.16 -9.62	134.41 10.76 -32.26	114.73 10.58 -29.02	197.74 12.83 -101.76	301.14 13.45 -202.86	364.28 16.42 -246.77	594.61 21.65 -436.29	1362.08 19.41 -1221.09	1469.51 50.55 -1107.37	2172.95 74.22 -1633.83	1387.21 55.67 -975.20	983.08 82.66 -351.50	493.49 43.16 -158.74	328.26 15.13 -202.82	162.83 12.39 -40.06	137.64 6.34 -62.37
FRANKLIN_FALL_HYD 24054	71.59 -0.65 0.00	70.97 -0.57 0.00	61.69 -0.50 0.00	54.89 -0.30 0.00	59.27 -0.19 0.00	59.97 -0.33 0.00	70.53 -0.21 0.00	75.99 -0.37 0.00	78.66 -0.17 0.00	90.16 -1.23 0.00	72.62 -2.51 0.00	79.66 -3.49 0.00	80.98 -3.85 0.00	95.67 -5.42 0.00	129.50 -7.17 0.00	115.49 -6.09 0.00	297.80 -13.79 0.00	442.42 -22.47 0.00	341.92 -14.42 0.00	530.21 -18.71 0.00	282.30 -9.29 0.00	107.67 -2.64 0.00	108.66 -1.72 0.00	68.07 -0.86 0.00

FREEPORT_EQUS_GT1 23764	112.47 6.15 -34.07	98.60 5.24 -21.82	97.99 4.73 -31.08	88.12 4.48 -28.45	92.98 4.72 -28.80	77.83 4.67 -12.86	78.99 5.24 -3.00	86.80 6.25 -4.20	89.50 6.94 -3.74	110.10 9.13 -9.57	92.86 8.60 -9.14	131.37 10.61 -37.61	179.28 11.48 -82.96	229.06 14.41 -113.57	448.25 19.02 -292.56	860.74 17.22 -721.94	1043.06 44.68 -686.79	1406.30 66.49 -874.92	795.56 50.04 -389.19	770.02 74.83 -146.28	401.64 38.27 -71.78	224.73 13.66 -100.76	136.12 10.92 -14.83	94.71 5.38 -20.41
FREEPORT___CT2 23818	112.47 6.15 -34.07	98.60 5.24 -21.82	97.99 4.73 -31.08	88.12 4.48 -28.45	92.98 4.72 -28.80	77.83 4.67 -12.86	78.99 5.24 -3.00	86.80 6.25 -4.20	89.50 6.94 -3.74	110.10 9.13 -9.57	92.86 8.60 -9.14	131.37 10.61 -37.61	179.28 11.48 -82.96	229.06 14.41 -113.57	448.25 19.02 -292.56	860.74 17.22 -721.94	1043.06 44.68 -686.79	1406.30 66.49 -874.92	795.56 50.04 -389.19	770.02 74.83 -146.28	401.64 38.27 -71.78	224.73 13.66 -100.76	136.12 10.92 -14.83	94.71 5.38 -20.41
FRESHKLS_33_KV_LOAD 356253	77.66 5.41 0.00	75.78 4.24 0.00	65.91 3.71 0.00	58.97 3.78 0.00	63.12 3.67 0.00	64.10 3.80 0.00	73.60 3.81 0.95	80.67 4.31 0.00	84.06 5.23 0.00	96.19 8.28 3.49	83.58 8.23 -0.22	92.09 9.24 0.30	95.14 10.35 0.04	121.36 12.70 -7.57	364.97 16.53 -211.77	546.60 15.31 -409.71	790.05 40.02 -438.45	963.94 57.26 -441.78	448.26 45.15 -46.78	617.92 68.21 -0.79	327.20 35.61 0.00	122.48 12.18 0.00	120.80 9.91 -0.51	73.90 4.97 0.00
FULTON COGEN____ 23766	71.34 -0.90 0.00	70.24 -1.31 0.00	61.00 -1.20 0.00	54.03 -1.16 0.00	57.97 -1.48 0.00	59.01 -1.29 0.00	69.27 -1.48 0.00	74.89 -1.47 0.00	77.35 -1.47 0.00	89.70 -1.70 0.00	74.11 -1.02 0.00	82.10 -1.05 0.00	83.56 -1.27 0.00	99.72 -1.36 0.00	135.16 -1.51 0.00	120.27 -1.32 0.00	306.81 -4.78 0.00	457.41 -7.48 0.00	349.90 -6.44 0.00	538.21 -10.71 0.00	286.85 -4.74 0.00	108.64 -1.67 0.00	115.00 -1.90 -6.52	72.31 -1.08 -4.47
FULTON___LFGE 323630	77.71 5.47 0.00	76.57 5.03 0.00	66.50 4.31 0.00	58.81 3.62 0.00	63.31 3.85 0.00	64.36 4.06 0.00	75.30 4.55 0.00	80.27 5.27 0.00	82.39 5.38 0.00	94.45 6.36 0.00	77.08 1.95 0.00	85.70 2.55 0.00	87.10 2.26 0.00	103.38 2.30 0.00	139.41 2.74 0.00	124.51 2.93 0.00	321.65 10.06 0.00	481.36 16.47 0.00	374.36 18.03 0.00	587.61 38.69 0.00	315.16 23.56 0.00	118.87 8.56 0.00	119.78 8.34 -1.06	73.83 4.91 0.00
G.F.CEMENT___DRP 24184	77.24 5.00 0.00	76.20 4.66 0.00	65.95 3.76 0.00	58.52 3.33 0.00	63.18 3.72 0.00	64.10 3.80 0.00	75.58 4.84 0.00	81.63 5.27 0.00	84.21 5.38 0.00	97.75 6.35 0.00	80.53 5.40 0.00	89.53 6.38 0.00	91.58 6.75 0.00	109.27 8.19 0.00	147.39 10.72 0.00	130.31 8.73 0.00	333.30 21.70 0.00	500.39 35.50 0.00	388.36 32.03 0.00	600.01 51.09 0.00	320.03 28.44 0.00	119.89 9.58 0.00	121.20 8.73 -2.09	73.13 4.21 0.00
GARDENVILLE___LBMP 24039	73.14 0.89 0.00	71.18 -0.36 0.00	61.81 -0.39 0.00	54.01 -1.19 0.00	57.54 -1.92 0.00	58.78 -1.52 0.00	68.48 -2.27 0.00	74.05 -2.30 0.00	78.21 -0.61 0.00	90.58 -0.81 0.00	75.26 0.13 0.00	83.83 0.68 0.00	83.55 -1.28 0.00	99.09 -1.99 0.00	135.06 -1.61 0.00	120.60 -0.98 0.00	309.73 -1.86 0.00	465.24 0.35 0.00	353.73 -2.61 0.00	544.23 -4.68 0.00	288.15 -3.45 0.00	107.13 -3.18 0.00	108.26 -2.12 0.00	68.33 -0.60 0.00
GARDNVLA_35_KV_LD 355827	73.69 1.45 0.00	71.65 0.10 0.00	62.12 -0.07 0.00	54.26 -0.93 0.00	57.78 -1.68 0.00	59.00 -1.30 0.00	68.78 -1.97 0.00	74.50 -1.86 0.00	78.81 -0.02 0.00	91.27 -0.12 0.00	75.81 0.68 0.00	84.47 1.32 0.00	84.16 -0.67 0.00	100.03 -1.05 0.00	136.29 -0.38 0.00	121.72 0.13 0.00	312.99 1.40 0.00	470.36 5.46 0.00	357.00 0.66 0.00	548.67 -0.25 0.00	290.20 -1.39 0.00	107.80 -2.50 0.00	108.85 -1.53 0.00	68.68 -0.25 0.00
GELCKHM___115KV_LOAD 80723	72.17 -0.07 0.00	71.04 -0.50 0.00	61.66 -0.54 0.00	54.59 -0.61 0.00	58.59 -0.86 0.00	59.63 -0.67 0.00	69.94 -0.81 0.00	75.65 -0.71 0.00	78.20 -0.62 0.00	90.72 -0.68 0.00	74.95 -0.18 0.00	83.18 0.02 0.00	84.62 -0.21 0.00	100.97 -0.12 0.00	136.89 0.22 0.00	121.84 0.26 0.00	311.14 -0.45 0.00	464.13 -0.77 0.00	355.10 -1.23 0.00	546.12 -2.79 0.00	290.67 -0.93 0.00	109.82 -0.49 0.00	112.02 -0.72 -2.35	70.13 -0.41 -1.61
GENERAL___MILLS 23808	73.48 1.24 0.00	71.45 -0.09 0.00	61.99 -0.21 0.00	54.14 -1.05 0.00	57.66 -1.80 0.00	58.89 -1.41 0.00	68.63 -2.12 0.00	74.32 -2.04 0.00	78.58 -0.24 0.00	91.01 -0.39 0.00	75.59 0.46 0.00	84.19 1.04 0.00	83.85 -0.98 0.00	99.66 -1.43 0.00	135.83 -0.84 0.00	121.23 -0.35 0.00	311.69 0.10 0.00	468.23 3.33 0.00	355.57 -0.76 0.00	546.57 -2.35 0.00	289.15 -2.45 0.00	107.47 -2.84 0.00	108.53 -1.85 0.00	68.49 -0.43 0.00
GE_PLASTICS___DRP 24183	72.88 0.64 0.00	72.18 0.64 0.00	62.87 0.67 0.00	55.85 0.65 0.00	60.18 0.73 0.00	61.07 0.77 0.00	71.42 0.67 0.00	77.12 0.77 0.00	79.47 0.65 0.00	92.54 1.15 0.00	-10.72 1.44 87.29	84.95 1.79 0.00	86.93 2.10 0.00	103.80 2.71 0.00	140.09 3.42 0.00	124.19 2.61 0.00	317.61 6.02 0.00	474.21 9.32 0.00	364.14 7.80 0.00	560.45 11.53 0.00	298.02 6.43 0.00	112.35 2.04 0.00	106.54 1.40 5.24	69.24 0.31 0.00
GILBOA___1 23756	74.45 2.21 0.00	73.94 2.40 0.00	64.61 2.42 0.00	57.37 2.18 0.00	61.78 2.32 0.00	62.71 2.41 0.00	73.45 2.70 0.00	79.43 3.07 0.00	81.55 2.72 0.00	94.50 3.10 0.00	78.37 3.24 0.00	87.04 3.89 0.00	88.89 4.05 0.00	104.58 4.99 1.51	102.75 6.20 40.12	44.42 5.01 82.17	239.64 12.85 84.80	400.80 19.27 83.36	362.03 14.52 8.83	569.85 21.08 0.15	302.96 11.37 0.00	114.23 3.92 0.00	113.66 3.27 0.00	70.73 1.81 0.00
GILBOA___2 23757	74.45 2.21 0.00	73.94 2.40 0.00	64.61 2.42 0.00	57.37 2.18 0.00	61.78 2.32 0.00	62.71 2.41 0.00	73.45 2.70 0.00	79.43 3.07 0.00	81.55 2.72 0.00	94.50 3.10 0.00	78.37 3.24 0.00	87.04 3.89 0.00	88.89 4.05 0.00	104.58 4.99 1.51	102.75 6.20 40.12	44.42 5.01 82.17	239.64 12.85 84.80	400.80 19.27 83.36	362.03 14.52 8.83	569.85 21.08 0.15	302.96 11.37 0.00	114.23 3.92 0.00	113.66 3.27 0.00	70.73 1.81 0.00
GILBOA___3 23758	74.45 2.21 0.00	73.94 2.40 0.00	64.61 2.42 0.00	57.37 2.18 0.00	61.78 2.32 0.00	62.71 2.41 0.00	73.45 2.70 0.00	79.43 3.07 0.00	81.55 2.72 0.00	94.50 3.10 0.00	78.37 3.24 0.00	87.04 3.89 0.00	88.89 4.05 0.00	104.58 4.99 1.51	102.75 6.20 40.12	44.42 5.01 82.17	239.64 12.85 84.80	400.80 19.27 83.36	362.03 14.52 8.83	569.85 21.08 0.15	302.96 11.37 0.00	114.23 3.92 0.00	113.66 3.27 0.00	70.73 1.81 0.00
GILBOA___4 23759	74.45 2.21 0.00	73.94 2.40 0.00	64.61 2.42 0.00	57.37 2.18 0.00	61.78 2.32 0.00	62.71 2.41 0.00	73.45 2.70 0.00	79.43 3.07 0.00	81.55 2.72 0.00	94.50 3.10 0.00	78.37 3.24 0.00	87.04 3.89 0.00	88.89 4.05 0.00	104.58 4.99 1.51	102.75 6.20 40.12	44.42 5.01 82.17	239.64 12.85 84.80	400.80 19.27 83.36	362.03 14.52 8.83	569.85 21.08 0.15	302.96 11.37 0.00	114.23 3.92 0.00	113.66 3.27 0.00	70.73 1.81 0.00

GILBOA____ 23599	74.45 2.21 0.00	73.94 2.40 0.00	64.61 2.42 0.00	57.37 2.18 0.00	61.78 2.32 0.00	62.70 2.40 0.00	73.45 2.71 0.00	79.43 3.07 0.00	81.55 2.73 0.00	94.51 3.12 0.00	78.37 3.24 0.00	87.04 3.90 0.00	88.89 4.05 0.00	104.59 5.01 1.51	102.74 6.20 40.12	44.42 5.01 82.17	239.59 12.80 84.80	400.81 19.28 83.36	362.16 14.65 8.83	569.90 21.13 0.15	302.96 11.37 0.00	114.23 3.92 0.00	113.66 3.28 0.00	70.73 1.81 0.00
GINNA____ 23603	71.16 -1.09 0.00	69.54 -2.00 0.00	60.25 -1.94 0.00	52.85 -2.34 0.00	56.52 -2.93 0.00	57.61 -2.69 0.00	67.40 -3.35 0.00	73.02 -3.34 0.00	76.41 -2.42 0.00	88.68 -2.72 0.00	73.47 -1.66 0.00	81.58 -1.57 0.00	82.31 -2.52 0.00	97.96 -3.13 0.00	133.18 -3.49 0.00	118.72 -2.86 0.00	303.36 -8.23 0.00	454.56 -10.33 0.00	347.04 -9.30 0.00	533.27 -15.65 0.00	282.60 -9.00 0.00	105.77 -4.54 0.00	106.03 -4.35 0.00	66.40 -2.53 0.00
GLEN PARK____ 23778	75.07 2.83 0.00	74.77 3.23 0.00	64.62 2.42 0.00	57.46 2.27 0.00	61.49 2.04 0.00	62.33 2.03 0.00	73.73 2.99 0.00	79.85 3.49 0.00	82.27 3.45 0.00	93.88 2.48 0.00	76.39 1.25 0.00	83.23 0.08 0.00	83.66 -1.18 0.00	98.81 -2.28 0.00	134.03 -2.64 0.00	119.34 -2.24 0.00	305.77 -5.82 0.00	457.34 -7.56 0.00	350.92 -5.41 0.00	553.03 4.11 0.00	300.14 8.54 0.00	115.98 5.67 0.00	117.19 4.00 -2.81	72.72 1.87 -1.93
GLENDALE_27_KV_LOAD 356172	77.67 5.43 0.00	76.17 4.62 0.00	66.24 4.05 0.00	59.07 3.88 0.00	63.59 4.14 0.00	64.63 4.33 0.00	75.52 4.77 0.00	81.86 5.50 0.00	85.08 6.26 0.00	108.50 9.29 -7.81	96.33 9.12 -12.08	103.39 10.49 -9.74	101.86 11.44 -5.58	135.37 14.12 -20.16	386.36 18.39 -231.30	620.84 16.64 -482.63	816.59 43.00 -462.00	968.96 62.28 -441.78	449.36 46.24 -46.78	618.47 68.76 -0.79	326.92 35.33 0.00	122.52 12.21 0.00	120.82 9.94 -0.51	73.93 5.00 0.00
GLENWOOD_IC_1_G5 23712	101.79 5.75 -23.80	90.69 4.93 -14.22	89.02 4.53 -22.30	78.55 4.17 -19.19	83.28 4.40 -19.43	73.49 4.52 -8.68	77.87 5.10 -2.03	85.21 6.01 -2.85	87.78 6.47 -2.49	105.49 8.87 -5.23	89.43 8.78 -5.52	119.85 10.40 -26.29	157.90 11.17 -61.89	205.63 13.91 -90.63	425.90 18.31 -270.92	790.14 16.50 -652.06	981.56 42.79 -627.17	1295.25 63.03 -767.33	702.38 47.36 -298.69	739.61 70.63 -120.06	385.45 36.20 -57.66	205.72 12.89 -82.53	130.85 10.47 -9.99	85.78 5.23 -11.63
GLENWOOD_IC_2_G1 23688	90.55 5.39 -12.92	82.27 4.58 -6.16	79.22 4.04 -12.99	68.31 3.75 -9.36	72.90 3.97 -9.48	68.61 4.08 -4.23	76.31 4.57 -0.99	83.15 5.38 -1.41	85.98 6.00 -1.16	100.44 8.37 -0.69	85.17 8.26 -1.78	107.62 9.89 -14.59	135.64 10.69 -40.11	181.32 13.31 -66.93	392.43 17.46 -238.30	635.61 15.59 -498.44	848.51 40.59 -496.33	1054.85 59.68 -530.27	543.70 44.78 -142.59	662.50 66.77 -46.82	367.21 34.32 -41.29	186.06 12.07 -63.68	125.16 9.82 -4.96	76.15 4.87 -2.35
GLENWOOD_IC_3_G1 23689	90.55 5.39 -12.92	82.27 4.58 -6.16	79.22 4.04 -12.99	68.31 3.75 -9.36	72.90 3.97 -9.48	68.61 4.08 -4.23	76.31 4.57 -0.99	83.15 5.38 -1.41	85.98 6.00 -1.16	100.44 8.37 -0.69	85.17 8.26 -1.78	107.62 9.89 -14.59	135.64 10.69 -40.11	181.32 13.31 -66.93	392.43 17.46 -238.30	635.61 15.59 -498.44	848.51 40.59 -496.33	1054.85 59.68 -530.27	543.70 44.78 -142.59	662.50 66.77 -46.82	367.21 34.32 -41.29	186.06 12.07 -63.68	125.16 9.82 -4.96	76.15 4.87 -2.35
GLENWOOD____4 23550	101.89 5.84 -23.80	90.77 5.01 -14.22	89.02 4.53 -22.30	78.55 4.17 -19.19	83.28 4.40 -19.43	73.49 4.52 -8.68	77.87 5.10 -2.03	85.22 6.02 -2.85	87.88 6.57 -2.49	105.60 8.98 -5.23	89.52 8.87 -5.52	120.00 10.55 -26.29	158.10 11.37 -61.89	205.85 14.13 -90.63	426.25 18.66 -270.92	790.44 16.79 -652.06	982.26 43.50 -627.17	1296.27 64.05 -767.33	703.18 48.16 -298.69	740.89 71.91 -120.06	386.12 36.87 -57.66	205.85 13.02 -82.53	130.98 10.60 -9.99	85.86 5.31 -11.63
GLENWOOD____5 23614	101.89 5.84 -23.80	90.77 5.01 -14.22	89.02 4.53 -22.30	78.55 4.17 -19.19	83.28 4.40 -19.43	73.49 4.52 -8.68	77.87 5.10 -2.03	85.22 6.02 -2.85	87.88 6.57 -2.49	105.60 8.98 -5.23	89.52 8.87 -5.52	120.00 10.55 -26.29	158.10 11.37 -61.89	205.85 14.13 -90.63	426.25 18.66 -270.92	790.44 16.79 -652.06	982.26 43.50 -627.17	1296.27 64.05 -767.33	703.18 48.16 -298.69	740.89 71.91 -120.06	386.12 36.87 -57.66	205.85 13.02 -82.53	130.98 10.60 -9.99	85.86 5.31 -11.63
GLOBAL GREEN_PORT_GT1 23814	87.94 8.55 -7.15	80.91 7.47 -1.90	76.41 6.15 -8.07	64.37 5.00 -4.18	69.00 5.31 -4.23	68.61 6.42 -1.89	78.94 7.76 -0.44	85.44 8.43 -0.65	88.99 9.71 -0.45	100.30 10.86 1.96	94.62 11.05 -8.43	155.38 14.02 -58.20	226.84 14.60 -127.41	239.86 17.64 -121.13	386.79 23.52 -226.60	619.88 20.98 -477.31	834.07 49.32 -473.16	1036.02 80.72 -490.40	535.16 64.44 -114.39	700.16 99.05 -52.19	388.86 48.85 -48.41	240.22 17.20 -112.71	183.51 13.90 -59.23	85.19 6.71 -9.55
GLOBE____DSASP 323697	71.21 -1.03 0.00	69.45 -2.09 0.00	60.42 -1.77 0.00	52.52 -2.67 0.00	55.88 -3.57 0.00	57.03 -3.26 0.00	66.26 -4.49 0.00	71.65 -4.70 0.00	75.92 -2.90 0.00	87.57 -3.83 0.00	72.28 -2.85 0.00	80.42 -2.73 0.00	79.82 -5.02 0.00	94.72 -6.37 0.00	128.78 -7.89 0.00	114.96 -6.62 0.00	295.08 -16.51 0.00	443.28 -21.61 0.00	336.09 -20.25 0.00	516.70 -32.22 0.00	273.79 -17.80 0.00	101.55 -8.76 0.00	103.55 -6.83 0.00	66.07 -2.85 0.00
GOETHSLN____LBMP 323567	76.76 4.52 0.00	74.83 3.70 0.41	64.87 3.21 0.53	58.38 3.19 0.00	62.80 3.35 0.00	63.69 3.46 0.06	73.51 3.72 0.96	80.81 4.47 0.01	83.99 5.17 0.00	95.02 7.81 4.19	77.11 8.07 6.09	87.74 9.48 4.90	92.35 10.33 2.81	115.81 12.85 -1.87	356.43 16.54 -203.23	546.83 14.81 -410.44	792.72 38.62 -442.51	962.15 55.50 -441.75	444.50 41.39 -46.78	611.70 61.99 -0.79	323.30 31.71 0.00	121.17 10.86 0.00	119.42 8.53 -0.51	73.03 4.11 0.00
GOLAH____69_KV_TB 1_2 80279	75.04 2.80 0.00	73.12 1.58 0.00	63.40 1.20 0.00	55.47 0.28 0.00	59.24 -0.21 0.00	60.42 0.12 0.00	70.62 -0.13 0.00	76.39 0.04 0.00	80.09 1.26 0.00	92.92 1.53 0.00	76.96 1.83 0.00	85.39 2.24 0.00	85.74 0.91 0.00	101.93 0.85 0.00	138.29 1.62 0.00	123.33 1.75 0.00	315.57 3.98 0.00	473.80 8.91 0.00	361.31 4.97 0.00	556.27 7.35 0.00	295.58 3.98 0.00	110.45 0.14 0.00	111.34 0.96 0.00	69.85 0.92 0.00
GOODYEAR_LAKE_HYD 323669	75.81 3.57 0.00	74.76 3.22 0.00	65.05 2.86 0.00	57.62 2.43 0.00	61.94 2.49 0.00	63.00 2.70 0.00	73.94 3.20 0.00	80.01 3.65 0.00	82.69 3.86 0.00	95.85 4.45 0.00	79.24 4.11 0.00	88.08 4.94 0.00	89.78 4.94 0.00	107.13 6.04 0.00	144.72 8.06 0.00	129.10 7.52 0.00	331.91 20.32 0.00	494.40 29.50 0.00	379.13 22.80 0.00	584.59 35.68 0.00	310.43 18.83 0.00	116.87 6.56 0.00	116.44 5.73 -0.33	72.27 3.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	73.67 1.43 0.00	72.33 0.79 0.00	62.72 0.53 0.00	55.70 0.51 0.00	59.74 0.29 0.00	60.83 0.53 0.00	71.35 0.61 0.00	77.22 0.86 0.00	80.05 1.23 0.00	92.96 1.57 0.00	77.09 1.96 0.00	85.78 2.62 0.00	87.19 2.36 0.00	104.21 3.13 0.00	141.60 4.93 0.00	126.07 4.49 0.00	322.90 11.31 0.00	481.64 16.74 0.00	368.00 11.66 0.00	565.84 16.92 0.00	300.56 8.96 0.00	113.20 2.89 0.00	113.90 2.10 -1.42	71.07 1.17 -0.97

GOUDEY___7 23579	73.67 1.43 0.00	72.33 0.79 0.00	62.72 0.53 0.00	55.70 0.51 0.00	59.74 0.29 0.00	60.83 0.53 0.00	71.35 0.61 0.00	77.22 0.86 0.00	80.05 1.23 0.00	92.96 1.57 0.00	77.09 1.96 0.00	85.78 2.62 0.00	87.19 2.36 0.00	104.21 3.13 0.00	141.60 4.93 0.00	126.07 4.49 0.00	322.90 11.31 0.00	481.64 16.74 0.00	368.00 11.66 0.00	565.84 16.92 0.00	300.56 8.96 0.00	113.20 2.89 0.00	113.90 2.10 -1.42	71.07 1.17 -0.97
GOUDEY___8 23580	73.67 1.43 0.00	72.33 0.79 0.00	62.72 0.53 0.00	55.70 0.51 0.00	59.74 0.29 0.00	60.83 0.53 0.00	71.35 0.61 0.00	77.22 0.86 0.00	80.05 1.23 0.00	92.96 1.57 0.00	77.09 1.96 0.00	85.78 2.62 0.00	87.19 2.36 0.00	104.21 3.13 0.00	141.60 4.93 0.00	126.07 4.49 0.00	322.90 11.31 0.00	481.64 16.74 0.00	368.00 11.66 0.00	565.84 16.92 0.00	300.56 8.96 0.00	113.20 2.89 0.00	113.90 2.10 -1.42	71.07 1.17 -0.97
GOWANUS_GT1_1 24077	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_2 24078	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_3 24079	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_4 24080	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_5 24084	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_6 24111	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_7 24112	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT1_8 24113	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	133.39 8.50 -33.50	135.36 8.46 -51.77	134.51 9.66 -41.70	119.38 10.67 -23.87	174.28 13.13 -60.06	446.33 17.13 -292.53	773.78 15.51 -636.68	854.62 39.99 -503.04	964.31 57.63 -441.78	446.72 43.61 -46.78	614.72 65.01 -0.79	325.04 33.45 0.00	121.73 11.43 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
GOWANUS_GT2_1 24114	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_2 24115	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_3 24116	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_4 24117	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_5 24118	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00

GOWANUS_GT2_6 24119	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_7 24120	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT2_8 24121	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	571.46 15.08 -434.81	796.06 39.97 -444.50	964.38 57.71 -441.78	446.46 43.35 -46.78	614.37 64.66 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.71 4.79 0.00
GOWANUS_GT3_1 24122	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_2 24123	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_3 24124	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_4 24125	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_5 24126	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_6 24127	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_7 24128	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT3_8 24129	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.49 9.64 -41.70	119.36 10.65 -23.87	174.26 13.11 -60.06	446.33 17.13 -292.53	773.38 15.11 -636.68	854.67 40.03 -503.04	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.06 33.47 0.00	121.73 11.43 0.00	120.20 9.31 -0.51	73.71 4.79 0.00
GOWANUS_GT4_1 24130	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_2 24131	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_3 24132	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_4 24133	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00

GOWANUS_GT4_5 24134	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_6 24135	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_7 24136	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GOWANUS_GT4_8 24137	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	571.87 15.48 -434.81	796.04 39.95 -444.50	964.24 57.57 -441.78	446.61 43.50 -46.78	614.45 64.74 -0.79	324.99 33.39 0.00	121.73 11.43 0.00	120.18 9.29 -0.51	73.71 4.79 0.00
GREATVRV_69_KV_BK1 356245	88.23 7.28 -8.70	80.84 6.25 -3.05	77.34 5.74 -9.40	66.04 5.27 -5.58	70.59 5.49 -5.65	68.57 5.75 -2.52	77.82 6.48 -0.59	84.68 7.47 -0.86	87.76 8.29 -0.64	100.38 10.29 1.31	91.54 10.04 -6.37	140.09 12.23 -44.70	198.41 13.19 -100.39	220.52 16.25 -103.18	386.30 21.28 -228.35	629.79 19.35 -488.86	846.02 49.09 -485.34	1051.81 74.52 -512.40	538.48 56.46 -125.69	689.44 85.69 -54.83	379.96 43.61 -44.75	222.94 15.48 -97.15	166.17 12.60 -43.20	82.52 6.31 -7.29
GREENBSH_115KV_TB3 55895	73.09 0.84 0.00	72.35 0.80 0.00	62.96 0.76 0.00	55.96 0.77 0.00	60.32 0.87 0.00	61.22 0.92 0.00	71.62 0.87 0.00	77.37 1.02 0.00	79.76 0.94 0.00	92.90 1.51 0.00	76.89 1.76 0.00	85.34 2.19 0.00	87.37 2.54 0.00	104.34 3.25 0.00	140.66 4.00 0.00	124.80 3.22 0.00	318.92 7.32 0.00	476.14 11.24 0.00	365.96 9.63 0.00	563.33 14.41 0.00	299.65 8.06 0.00	112.94 2.64 0.00	103.31 1.97 9.04	69.48 0.55 0.00
GREENDGE_115KV_TB5 80291	72.81 0.57 0.00	71.18 -0.37 0.00	61.63 -0.56 0.00	54.48 -0.71 0.00	58.36 -1.09 0.00	59.55 -0.75 0.00	69.84 -0.91 0.00	75.54 -0.82 0.00	78.47 -0.36 0.00	90.85 -0.55 0.00	75.36 0.23 0.00	83.79 0.64 0.00	85.12 0.29 0.00	101.16 0.07 0.00	138.27 1.60 0.00	123.22 1.64 0.00	314.24 2.65 0.00	470.11 5.22 0.00	361.39 5.06 0.00	557.14 8.23 0.00	295.91 4.31 0.00	111.00 0.70 0.00	111.72 0.13 -1.21	69.73 -0.03 -0.83
GREENIDGE___3 23582	72.81 0.57 0.00	71.18 -0.37 0.00	61.63 -0.56 0.00	54.48 -0.71 0.00	58.36 -1.09 0.00	59.55 -0.75 0.00	69.84 -0.91 0.00	75.54 -0.82 0.00	78.47 -0.36 0.00	90.85 -0.55 0.00	75.36 0.23 0.00	83.79 0.64 0.00	85.12 0.29 0.00	101.16 0.07 0.00	138.27 1.60 0.00	123.22 1.64 0.00	314.24 2.65 0.00	470.11 5.22 0.00	361.39 5.06 0.00	557.14 8.23 0.00	295.91 4.31 0.00	111.00 0.70 0.00	111.72 0.13 -1.21	69.73 -0.03 -0.83
GREENIDGE___4 23583	72.82 0.57 0.00	71.18 -0.36 0.00	61.63 -0.56 0.00	54.49 -0.71 0.00	58.37 -1.09 0.00	59.55 -0.75 0.00	69.84 -0.91 0.00	75.53 -0.83 0.00	78.46 -0.36 0.00	90.86 -0.54 0.00	75.37 0.23 0.00	83.81 0.66 0.00	85.15 0.31 0.00	101.17 0.08 0.00	138.31 1.64 0.00	123.17 1.59 0.00	314.22 2.63 0.00	470.44 5.55 0.00	361.71 5.37 0.00	557.41 8.49 0.00	295.86 4.27 0.00	111.00 0.70 0.00	111.74 0.15 -1.21	69.73 -0.03 -0.83
GREENLWN_69_KV_BK 3 55738	85.44 5.18 -8.03	78.55 4.46 -2.55	75.37 4.35 -8.82	64.17 4.01 -4.97	68.67 4.18 -5.03	66.89 4.35 -2.24	76.11 4.84 -0.52	82.79 5.66 -0.77	85.47 6.09 -0.56	97.27 7.43 1.56	72.93 7.43 9.62	43.29 9.19 49.05	9.25 10.23 85.81	84.04 12.56 29.60	366.79 16.45 -213.67	602.97 15.03 -466.35	832.45 38.76 -482.09	1026.30 57.67 -503.73	486.21 43.56 -86.32	646.60 66.47 -31.21	331.74 33.68 -6.47	110.96 11.66 11.01	59.78 8.67 59.27	57.80 4.08 15.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	100.05 8.50 -0.16	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	573.12 15.52 -436.03	796.62 40.06 -444.98	964.44 57.77 -441.78	446.81 43.70 -46.78	614.76 65.05 -0.79	325.26 33.66 0.00	121.78 11.47 0.00	120.24 9.36 -0.51	73.71 4.79 0.00
GRISSOM___SOLAR 323813	77.55 5.31 0.00	76.44 4.89 0.00	66.37 4.18 0.00	58.72 3.53 0.00	63.22 3.76 0.00	64.25 3.95 0.00	75.11 4.37 0.00	79.94 3.58 0.00	81.98 3.15 0.00	93.86 2.46 0.00	76.63 1.50 0.00	85.10 1.95 0.00	86.67 1.84 0.00	102.98 1.89 0.00	138.88 2.21 0.00	123.90 2.32 0.00	319.64 8.05 0.00	479.20 14.31 0.00	373.47 17.13 0.00	586.92 38.00 0.00	315.11 23.51 0.00	118.87 8.57 0.00	119.64 8.19 -1.08	73.64 4.71 0.00
GROVEVILLE___HYD 323602	77.58 5.34 0.00	76.11 4.57 0.00	66.00 3.81 0.00	58.65 3.46 0.00	63.11 3.66 0.00	64.05 3.75 0.00	75.02 4.27 0.00	81.45 5.09 0.00	84.50 5.67 0.00	99.41 8.02 0.00	83.06 7.93 0.00	92.56 9.41 0.00	95.07 10.24 0.00	120.97 12.68 -7.20	345.21 16.88 -191.66	529.18 15.10 -392.50	756.10 39.42 -405.09	921.93 58.83 -398.21	442.91 44.41 -42.17	615.87 66.24 -0.71	326.15 34.56 0.00	122.52 12.21 0.00	121.25 10.46 -0.41	74.25 5.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
HAMLTNNY_34_KV_TB 80303	73.53 1.29 0.00	72.16 0.62 0.00	62.52 0.32 0.00	55.25 0.06 0.00	59.21 -0.25 0.00	60.31 0.01 0.00	70.67 -0.08 0.00	76.42 0.06 0.00	79.08 0.26 0.00	91.80 0.41 0.00	75.88 0.75 0.00	84.31 1.16 0.00	85.68 0.85 0.00	102.03 0.95 0.00	138.29 1.62 0.00	123.22 1.64 0.00	314.41 2.81 0.00	469.30 4.41 0.00	359.22 2.89 0.00	553.17 4.25 0.00	294.58 2.98 0.00	111.11 0.81 0.00	114.49 0.68 -3.43	71.78 0.51 -2.35

HAMPSHIRE___PAPER_HYD 323593	72.74 0.50 0.00	72.34 0.80 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.09 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.23 -7.44 0.00	115.25 -6.33 0.00	295.97 -15.63 0.00	441.68 -23.21 0.00	339.93 -16.40 0.00	532.03 -16.88 0.00	285.61 -5.98 0.00	109.63 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
HARDSCRABBLE_WT_PWR 323673	74.21 1.97 0.00	73.36 1.82 0.00	63.73 1.54 0.00	56.69 1.50 0.00	61.09 1.64 0.00	62.07 1.77 0.00	72.72 1.97 0.00	78.26 1.91 0.00	80.60 1.78 0.00	93.03 1.64 0.00	76.92 1.79 0.00	85.38 2.23 0.00	87.63 2.80 0.00	104.63 3.54 0.00	141.05 4.38 0.00	124.53 2.95 0.00	320.37 8.78 0.00	481.35 16.45 0.00	373.74 17.41 0.00	579.13 30.21 0.00	309.34 17.74 0.00	116.27 5.96 0.00	115.19 4.81 0.00	70.99 2.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	77.24 5.00 0.00	75.70 4.15 0.00	65.64 3.45 0.00	58.36 3.16 0.00	62.78 3.33 0.00	63.71 3.41 0.00	74.60 3.86 0.00	80.96 4.60 0.00	84.05 5.22 0.00	98.98 7.59 0.00	82.86 7.73 0.00	92.34 9.19 0.00	94.79 9.96 0.00	120.22 12.41 -6.72	332.26 16.64 -178.95	503.11 15.05 -366.48	729.48 39.66 -378.23	895.72 59.02 -371.80	440.35 44.65 -39.37	615.87 66.28 -0.67	325.51 33.92 0.00	122.00 11.69 0.00	120.50 9.69 -0.43	73.71 4.79 0.00
HARSNRAD_115KV_TB1 81005	71.91 -0.33 0.00	70.04 -1.50 0.00	61.02 -1.18 0.00	53.10 -2.09 0.00	56.51 -2.94 0.00	57.71 -2.59 0.00	67.10 -3.65 0.00	72.36 -4.00 0.00	76.58 -2.25 0.00	88.58 -2.81 0.00	73.66 -1.47 0.00	81.84 -1.31 0.00	81.30 -3.53 0.00	96.06 -5.03 0.00	130.60 -6.07 0.00	116.73 -4.85 0.00	299.68 -11.91 0.00	450.44 -14.45 0.00	341.87 -14.46 0.00	526.35 -22.57 0.00	279.05 -12.54 0.00	103.65 -6.66 0.00	105.47 -4.91 0.00	66.96 -1.96 0.00
HARZA MOOSE___RIVER 24016	74.48 2.24 0.00	74.08 2.54 0.00	64.31 2.12 0.00	57.13 1.94 0.00	61.33 1.88 0.00	62.11 1.81 0.00	73.20 2.45 0.00	79.20 2.85 0.00	81.46 2.63 0.00	93.89 2.50 0.00	77.02 1.89 0.00	84.60 1.45 0.00	85.61 0.78 0.00	101.65 0.57 0.00	137.35 0.69 0.00	122.41 0.83 0.00	314.44 2.84 0.00	469.30 4.41 0.00	360.87 4.54 0.00	560.94 12.03 0.00	300.38 8.78 0.00	114.28 3.98 0.00	114.70 3.36 -0.96	71.24 1.66 -0.66
HDSNBRDG_115KV_BRDG_TB1 355580	72.49 0.24 0.00	71.31 -0.23 0.00	61.92 -0.28 0.00	54.80 -0.39 0.00	58.80 -0.65 0.00	59.86 -0.44 0.00	70.22 -0.53 0.00	75.95 -0.41 0.00	78.51 -0.31 0.00	91.14 -0.25 0.00	75.35 0.21 0.00	83.64 0.49 0.00	85.09 0.26 0.00	101.56 0.47 0.00	137.69 1.02 0.00	122.56 0.98 0.00	313.06 1.47 0.00	467.00 2.11 0.00	357.23 0.89 0.00	549.28 0.36 0.00	292.25 0.66 0.00	110.35 0.04 0.00	112.13 -0.22 -1.97	70.13 -0.14 -1.35
HELLGATE_13_KV_LD 55870	77.98 5.74 0.00	76.48 4.94 0.00	66.51 4.32 0.00	59.29 4.10 0.00	63.83 4.37 0.00	64.88 4.58 0.00	75.83 5.08 0.00	82.25 5.89 0.00	85.49 6.67 0.00	106.80 9.76 -5.65	93.37 9.51 -8.72	101.08 10.90 -7.03	100.69 11.83 -4.02	132.46 14.60 -16.77	381.74 18.97 -226.10	608.24 17.12 -469.54	814.21 44.10 -458.52	970.81 64.14 -441.78	450.87 47.76 -46.78	620.76 71.05 -0.79	328.18 36.59 0.00	122.96 12.65 0.00	121.25 10.36 -0.51	74.20 5.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	77.98 5.74 0.00	76.48 4.94 0.00	66.51 4.32 0.00	59.29 4.10 0.00	63.83 4.37 0.00	64.88 4.58 0.00	75.83 5.08 0.00	82.25 5.89 0.00	85.49 6.67 0.00	106.80 9.76 -5.65	93.37 9.51 -8.72	101.08 10.90 -7.03	100.69 11.83 -4.02	132.46 14.60 -16.77	381.74 18.97 -226.10	608.24 17.12 -469.54	814.21 44.10 -458.52	970.81 64.14 -441.78	450.87 47.76 -46.78	620.76 71.05 -0.79	328.18 36.59 0.00	122.96 12.65 0.00	121.25 10.36 -0.51	74.20 5.28 0.00
HEMPSTEAD____ 23647	105.04 5.59 -27.21	93.03 4.71 -16.77	91.74 4.30 -25.24	81.48 4.00 -22.29	86.26 4.23 -22.57	74.68 4.30 -10.08	77.91 4.81 -2.35	85.38 5.73 -3.30	88.08 6.35 -2.91	106.38 8.53 -6.45	89.84 8.30 -6.41	122.40 10.15 -29.10	162.94 11.00 -67.11	211.16 13.75 -96.32	430.40 18.12 -275.60	801.87 16.34 -663.95	991.39 42.47 -637.33	1313.13 62.64 -785.59	720.46 47.19 -316.94	742.70 70.31 -123.48	388.71 36.08 -61.04	209.97 12.62 -87.04	131.72 10.00 -11.33	88.30 4.89 -14.49
HICKLING___1 23621	73.81 1.57 0.00	72.06 0.52 0.00	62.37 0.18 0.00	55.41 0.22 0.00	59.29 -0.17 0.00	60.53 0.23 0.00	70.97 0.22 0.00	76.79 0.44 0.00	79.92 1.10 0.00	92.81 1.42 0.00	77.26 2.13 0.00	86.28 3.13 0.00	87.44 2.61 0.00	104.19 3.10 0.00	142.53 5.86 0.00	126.85 5.27 0.00	323.62 12.03 0.00	483.60 18.70 0.00	369.86 13.53 0.00	569.40 20.48 0.00	302.12 10.52 0.00	113.36 3.05 0.00	113.79 2.22 -1.19	71.02 1.28 -0.81
HICKLING___2 23622	73.81 1.57 0.00	72.06 0.52 0.00	62.37 0.18 0.00	55.41 0.22 0.00	59.29 -0.17 0.00	60.53 0.23 0.00	70.97 0.22 0.00	76.79 0.44 0.00	79.92 1.10 0.00	92.81 1.42 0.00	77.26 2.13 0.00	86.28 3.13 0.00	87.44 2.61 0.00	104.19 3.10 0.00	142.53 5.86 0.00	126.85 5.27 0.00	323.62 12.03 0.00	483.60 18.70 0.00	369.86 13.53 0.00	569.40 20.48 0.00	302.12 10.52 0.00	113.36 3.05 0.00	113.79 2.22 -1.19	71.02 1.28 -0.81
HIGH FALLS___HY 23754	77.87 5.63 0.00	76.30 4.76 0.00	66.13 3.94 0.00	58.74 3.55 0.00	63.15 3.69 0.00	64.10 3.80 0.00	75.18 4.43 0.00	81.98 5.62 0.00	84.81 5.98 0.00	99.56 8.17 0.00	77.58 8.01 5.56	92.19 9.04 0.00	94.63 9.79 0.00	117.91 12.41 -4.40	270.71 16.88 -117.16	376.96 15.43 -239.94	600.73 41.50 -247.64	772.37 64.05 -243.43	430.48 48.37 -25.78	622.14 72.78 -0.44	328.95 37.36 0.00	123.39 13.08 0.00	120.88 11.02 0.52	74.54 5.62 0.00
HIGH_RIVER___SOLAR 323847	75.93 3.69 0.00	74.97 3.43 0.00	65.13 2.94 0.00	57.75 2.55 0.00	62.19 2.73 0.00	63.13 2.83 0.00	73.96 3.21 0.00	79.39 3.03 0.00	81.52 2.70 0.00	93.98 2.58 0.00	76.87 1.74 0.00	85.38 2.23 0.00	87.06 2.23 0.00	103.73 2.64 0.00	139.97 3.30 0.00	124.42 2.84 0.00	320.08 8.49 0.00	480.76 15.87 0.00	373.11 16.78 0.00	580.01 31.09 0.00	309.72 18.12 0.00	116.78 6.47 0.00	117.44 5.92 -1.14	72.16 3.24 0.00
HILLBURN___GT 23639	76.83 4.59 0.00	75.25 3.71 0.00	65.30 3.11 0.00	58.10 2.90 0.00	62.52 3.06 0.00	63.45 3.16 0.00	74.27 3.52 0.00	80.55 4.20 0.00	83.60 4.77 0.00	98.61 7.22 0.00	82.55 7.42 0.00	91.98 8.83 0.00	94.42 9.59 0.00	120.07 11.98 -6.99	338.70 15.94 -186.09	517.12 14.43 -381.11	743.01 38.09 -393.33	907.94 56.39 -386.65	439.77 42.50 -40.94	612.81 63.20 -0.69	324.03 32.44 0.00	121.47 11.16 0.00	119.91 9.09 -0.45	73.30 4.37 0.00
HILLSIDE_115KV_TB1 80332	72.71 0.47 0.00	71.03 -0.52 0.00	61.42 -0.78 0.00	54.67 -0.53 0.00	58.53 -0.93 0.00	59.71 -0.59 0.00	70.04 -0.71 0.00	75.81 -0.54 0.00	78.86 0.03 0.00	91.65 0.26 0.00	76.26 1.13 0.00	85.16 2.01 0.00	86.37 1.54 0.00	103.10 2.02 0.00	141.03 4.36 0.00	125.48 3.90 0.00	320.67 9.08 0.00	478.68 13.78 0.00	364.97 8.64 0.00	560.76 11.84 0.00	297.58 5.99 0.00	111.89 1.58 0.00	112.24 0.63 -1.23	70.06 0.29 -0.84

HISHELDN_WT_PWR 323625	72.76 0.52 0.00	70.96 -0.59 0.00	61.62 -0.57 0.00	54.02 -1.17 0.00	57.64 -1.82 0.00	58.89 -1.41 0.00	68.62 -2.13 0.00	74.06 -2.30 0.00	77.89 -0.94 0.00	90.19 -1.20 0.00	74.99 -0.14 0.00	83.67 0.52 0.00	83.73 -1.10 0.00	98.99 -2.09 0.00	135.12 -1.54 0.00	120.54 -1.04 0.00	308.48 -3.11 0.00	463.70 -1.19 0.00	354.13 -2.20 0.00	545.89 -3.02 0.00	289.06 -2.54 0.00	107.75 -2.56 0.00	108.65 -1.74 0.00	68.37 -0.55 0.00
HOLTSVILLE_IC_1 23690	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.51 4.22 -4.11	67.87 4.26 -4.16	66.69 4.54 -1.85	76.31 5.13 -0.43	82.97 5.97 -0.64	85.80 6.53 -0.45	97.53 8.13 1.99	90.17 7.94 -7.09	143.43 9.89 -50.39	207.43 10.70 -111.90	224.29 13.21 -109.99	378.67 16.82 -225.18	611.54 14.91 -475.05	821.40 37.26 -472.55	1011.25 57.11 -489.25	510.73 43.57 -110.83	665.63 66.59 -50.13	370.74 33.96 -45.19	226.44 12.31 -103.82	170.70 9.61 -50.71	81.23 4.64 -7.67
HOLTSVILLE_IC_10 23699	86.18 6.49 -7.45	79.22 5.56 -2.12	75.63 5.11 -8.33	64.23 4.60 -4.45	68.62 4.67 -4.50	67.26 4.96 -2.01	76.87 5.65 -0.46	83.65 6.60 -0.69	86.59 7.27 -0.49	98.64 9.08 1.84	96.41 8.76 -12.52	175.90 10.76 -81.99	270.83 11.38 -174.61	269.91 13.75 -155.08	385.40 17.68 -231.05	621.90 15.65 -484.66	825.92 38.94 -475.39	1019.22 59.73 -494.59	527.59 45.53 -125.72	676.83 69.25 -58.66	385.08 35.21 -58.28	263.12 12.98 -139.84	206.22 10.72 -85.13	89.59 5.38 -15.29
HOLTSVILLE_IC_2 23691	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.51 4.22 -4.11	67.87 4.26 -4.16	66.69 4.54 -1.85	76.31 5.13 -0.43	82.97 5.97 -0.64	85.80 6.53 -0.45	97.53 8.13 1.99	90.17 7.94 -7.09	143.43 9.89 -50.39	207.43 10.70 -111.90	224.29 13.21 -109.99	378.67 16.82 -225.18	611.54 14.91 -475.05	821.40 37.26 -472.55	1011.25 57.11 -489.25	510.73 43.57 -110.83	665.63 66.59 -50.13	370.74 33.96 -45.19	226.44 12.31 -103.82	170.70 9.61 -50.71	81.23 4.64 -7.67
HOLTSVILLE_IC_3 23692	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.51 4.22 -4.11	67.87 4.26 -4.16	66.69 4.54 -1.85	76.31 5.13 -0.43	82.97 5.97 -0.64	85.80 6.53 -0.45	97.53 8.13 1.99	90.17 7.94 -7.09	143.43 9.89 -50.39	207.43 10.70 -111.90	224.29 13.21 -109.99	378.67 16.82 -225.18	611.54 14.91 -475.05	821.40 37.26 -472.55	1011.25 57.11 -489.25	510.73 43.57 -110.83	665.63 66.59 -50.13	370.74 33.96 -45.19	226.44 12.31 -103.82	170.70 9.61 -50.71	81.23 4.64 -7.67
HOLTSVILLE_IC_4 23693	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.51 4.22 -4.11	67.87 4.26 -4.16	66.69 4.54 -1.85	76.31 5.13 -0.43	82.97 5.97 -0.64	85.80 6.53 -0.45	97.53 8.13 1.99	90.17 7.94 -7.09	143.43 9.89 -50.39	207.43 10.70 -111.90	224.29 13.21 -109.99	378.67 16.82 -225.18	611.54 14.91 -475.05	821.40 37.26 -472.55	1011.25 57.11 -489.25	510.73 43.57 -110.83	665.63 66.59 -50.13	370.74 33.96 -45.19	226.44 12.31 -103.82	170.70 9.61 -50.71	81.23 4.64 -7.67
HOLTSVILLE_IC_5 23694	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.51 4.22 -4.11	67.87 4.26 -4.16	66.69 4.54 -1.85	76.31 5.13 -0.43	82.97 5.97 -0.64	85.80 6.53 -0.45	97.53 8.13 1.99	90.17 7.94 -7.09	143.43 9.89 -50.39	207.43 10.70 -111.90	224.29 13.21 -109.99	378.67 16.82 -225.18	611.54 14.91 -475.05	821.40 37.26 -472.55	1011.25 57.11 -489.25	510.73 43.57 -110.83	665.63 66.59 -50.13	370.74 33.96 -45.19	226.44 12.31 -103.82	170.70 9.61 -50.71	81.23 4.64 -7.67
HOLTSVILLE_IC_6 23695	86.18 6.49 -7.45	79.22 5.56 -2.12	75.63 5.11 -8.33	64.23 4.60 -4.45	68.62 4.67 -4.50	67.26 4.96 -2.01	76.87 5.65 -0.46	83.65 6.60 -0.69	86.59 7.27 -0.49	98.64 9.08 1.84	96.41 8.76 -12.52	175.90 10.76 -81.99	270.83 11.38 -174.61	269.91 13.75 -155.08	385.40 17.68 -231.05	621.90 15.65 -484.66	825.92 38.94 -475.39	1019.22 59.73 -494.59	527.59 45.53 -125.72	676.83 69.25 -58.66	385.08 35.21 -58.28	263.12 12.98 -139.84	206.22 10.72 -85.13	89.59 5.38 -15.29
HOLTSVILLE_IC_7 23696	86.18 6.49 -7.45	79.22 5.56 -2.12	75.63 5.11 -8.33	64.23 4.60 -4.45	68.62 4.67 -4.50	67.26 4.96 -2.01	76.87 5.65 -0.46	83.65 6.60 -0.69	86.59 7.27 -0.49	98.64 9.08 1.84	96.41 8.76 -12.52	175.90 10.76 -81.99	270.83 11.38 -174.61	269.91 13.75 -155.08	385.40 17.68 -231.05	621.90 15.65 -484.66	825.92 38.94 -475.39	1019.22 59.73 -494.59	527.59 45.53 -125.72	676.83 69.25 -58.66	385.08 35.21 -58.28	263.12 12.98 -139.84	206.22 10.72 -85.13	89.59 5.38 -15.29
HOLTSVILLE_IC_8 23697	86.18 6.49 -7.45	79.22 5.56 -2.12	75.63 5.11 -8.33	64.23 4.60 -4.45	68.62 4.67 -4.50	67.26 4.96 -2.01	76.87 5.65 -0.46	83.65 6.60 -0.69	86.59 7.27 -0.49	98.64 9.08 1.84	96.41 8.76 -12.52	175.90 10.76 -81.99	270.83 11.38 -174.61	269.91 13.75 -155.08	385.40 17.68 -231.05	621.90 15.65 -484.66	825.92 38.94 -475.39	1019.22 59.73 -494.59	527.59 45.53 -125.72	676.83 69.25 -58.66	385.08 35.21 -58.28	263.12 12.98 -139.84	206.22 10.72 -85.13	89.59 5.38 -15.29
HOLTSVILLE_IC_9 23698	86.18 6.49 -7.45	79.22 5.56 -2.12	75.63 5.11 -8.33	64.23 4.60 -4.45	68.62 4.67 -4.50	67.26 4.96 -2.01	76.87 5.65 -0.46	83.65 6.60 -0.69	86.59 7.27 -0.49	98.64 9.08 1.84	96.41 8.76 -12.52	175.90 10.76 -81.99	270.83 11.38 -174.61	269.91 13.75 -155.08	385.40 17.68 -231.05	621.90 15.65 -484.66	825.92 38.94 -475.39	1019.22 59.73 -494.59	527.59 45.53 -125.72	676.83 69.25 -58.66	385.08 35.21 -58.28	263.12 12.98 -139.84	206.22 10.72 -85.13	89.59 5.38 -15.29
HOMER_HL_115KV_TB2 355744	72.21 -0.03 0.00	70.33 -1.21 0.00	60.86 -1.33 0.00	53.61 -1.58 0.00	57.25 -2.20 0.00	58.50 -1.80 0.00	68.45 -2.30 0.00	74.19 -2.17 0.00	78.07 -0.75 0.00	90.68 -0.72 0.00	75.45 0.32 0.00	83.77 0.62 0.00	83.88 -0.95 0.00	100.04 -1.05 0.00	137.02 0.35 0.00	122.27 0.68 0.00	313.23 1.64 0.00	470.29 5.40 0.00	357.75 1.41 0.00	549.72 0.81 0.00	291.07 -0.53 0.00	108.76 -1.55 0.00	108.87 -1.52 0.00	68.05 -0.87 0.00
HOWARD_WT_PWR 323690	73.58 1.34 0.00	72.01 0.46 0.00	62.59 0.39 0.00	55.40 0.20 0.00	59.43 -0.02 0.00	60.77 0.47 0.00	71.09 0.34 0.00	76.75 0.39 0.00	80.11 1.29 0.00	92.71 1.31 0.00	77.15 2.02 0.00	86.20 3.05 0.00	86.91 2.08 0.00	102.18 1.09 0.00	139.64 2.98 0.00	124.94 3.36 0.00	319.36 7.77 0.00	478.56 13.67 0.00	368.71 12.38 0.00	570.82 21.90 0.00	303.05 11.45 0.00	113.44 3.13 0.00	114.36 3.09 -0.89	71.36 1.82 -0.61
HQ_GEN_CEDARS 23644	71.34 -0.90 0.00	70.49 -1.05 0.00	61.76 -0.43 0.00	54.91 -0.28 0.00	59.33 -0.13 0.00	60.01 -0.29 0.00	70.50 -0.24 0.00	75.78 -0.57 0.00	78.36 -0.47 0.00	88.99 -2.40 0.00	71.70 -3.43 0.00	78.75 -4.40 0.00	80.12 -4.71 0.00	94.83 -6.26 0.00	128.40 -8.27 0.00	114.89 -6.69 0.00	294.94 -16.65 0.00	440.15 -24.75 0.00	338.57 -17.76 0.00	525.77 -23.14 0.00	279.44 -12.16 0.00	106.48 -3.83 0.00	108.30 -2.08 0.00	68.16 -0.76 0.00
HQ_GEN_CEDARS_PROXY 323590	71.34 -0.90 0.00	70.49 -1.05 0.00	61.76 -0.43 0.00	54.91 -0.28 0.00	59.33 -0.13 0.00	60.01 -0.29 0.00	70.50 -0.24 0.00	75.79 -0.57 0.00	78.36 -0.47 0.00	89.00 -2.40 0.00	71.56 -3.43 0.14	40.74 -4.40 38.01	41.24 -4.71 38.88	53.69 -6.25 41.14	128.40 -8.27 0.00	114.91 -6.67 0.00	245.21 -16.67 49.72	379.44 -24.82 60.63	321.37 -17.85 17.12	394.22 -23.27 131.43	148.52 -12.09 130.98	81.56 -3.83 24.92	108.30 -2.08 0.00	68.16 -0.76 0.00

HQ_GEN_IMPORT 323601	71.97 -1.18 -0.90	70.74 -0.80 0.00	61.51 -0.69 0.00	54.62 -0.57 0.00	58.98 -0.47 0.00	59.63 -0.63 0.04	70.10 -0.65 0.00	75.44 -0.92 0.00	77.88 -0.94 0.00	89.87 -1.53 0.00	73.09 -2.04 0.00	80.54 -2.61 0.00	82.16 -2.67 0.00	97.61 -3.48 0.00	64.34 -4.68 67.64	70.48 -3.93 47.17	302.10 -9.49 0.00	450.71 -14.18 0.00	345.73 -10.60 0.00	533.79 -15.13 0.00	283.10 -8.49 0.00	107.58 -2.72 0.00	108.41 -1.98 0.00	68.12 -0.81 0.00
HQ_GEN_WHEEL 23651	71.97 -1.18 -0.90	70.74 -0.80 0.00	61.51 -0.69 0.00	54.62 -0.57 0.00	58.98 -0.47 0.00	59.63 -0.63 0.04	70.10 -0.65 0.00	75.44 -0.92 0.00	77.88 -0.94 0.00	89.87 -1.53 0.00	73.09 -2.04 0.00	80.54 -2.61 0.00	82.16 -2.67 0.00	97.61 -3.48 0.00	64.34 -4.68 67.64	70.48 -3.93 47.17	302.10 -9.49 0.00	450.71 -14.18 0.00	345.73 -10.60 0.00	533.79 -15.13 0.00	283.10 -8.49 0.00	107.58 -2.72 0.00	108.41 -1.98 0.00	68.12 -0.81 0.00
HUDSON AVE_GT_3 23810	77.47 5.22 0.00	75.96 4.42 0.00	66.00 3.81 0.00	58.84 3.65 0.00	63.33 3.87 0.00	64.30 4.00 0.00	75.16 4.41 0.00	81.60 5.24 0.00	84.79 5.97 0.00	100.09 8.69 0.00	83.80 8.67 0.00	93.33 10.18 0.00	95.85 11.02 0.00	122.77 13.70 -7.99	367.12 17.84 -212.61	573.07 16.06 -435.42	802.61 41.63 -449.38	966.98 60.33 -441.75	448.13 45.02 -46.78	616.82 67.11 -0.79	326.02 34.42 0.00	122.24 11.93 0.00	120.57 9.68 -0.51	73.73 4.80 0.00
HUDSON AVE_GT_4 23540	77.47 5.22 0.00	75.96 4.42 0.00	66.00 3.81 0.00	58.84 3.65 0.00	63.33 3.87 0.00	64.30 4.00 0.00	75.16 4.41 0.00	81.60 5.24 0.00	84.79 5.97 0.00	100.09 8.69 0.00	83.80 8.67 0.00	93.33 10.18 0.00	95.85 11.02 0.00	122.77 13.70 -7.99	367.12 17.84 -212.61	573.07 16.06 -435.42	802.61 41.63 -449.38	966.98 60.33 -441.75	448.13 45.02 -46.78	616.82 67.11 -0.79	326.02 34.42 0.00	122.24 11.93 0.00	120.57 9.68 -0.51	73.73 4.80 0.00
HUDSON AVE_GT_5 23657	77.47 5.22 0.00	75.96 4.42 0.00	66.00 3.81 0.00	58.84 3.65 0.00	63.33 3.87 0.00	64.30 4.00 0.00	75.16 4.41 0.00	81.60 5.24 0.00	84.79 5.97 0.00	100.09 8.69 0.00	83.80 8.67 0.00	93.33 10.18 0.00	95.85 11.02 0.00	122.77 13.70 -7.99	367.12 17.84 -212.61	573.07 16.06 -435.42	802.61 41.63 -449.38	966.98 60.33 -441.75	448.13 45.02 -46.78	616.82 67.11 -0.79	326.02 34.42 0.00	122.24 11.93 0.00	120.57 9.68 -0.51	73.73 4.80 0.00
HUDSON_AVE_10 24168	77.19 4.95 0.00	75.68 4.14 0.00	65.76 3.57 0.00	58.61 3.42 0.00	63.09 3.64 0.00	64.06 3.76 0.00	74.85 4.10 0.00	81.28 4.92 0.00	84.47 5.64 0.00	99.80 8.33 -0.07	83.51 8.34 -0.03	93.90 9.80 -0.95	97.50 10.68 -1.99	125.77 13.29 -11.39	372.73 17.29 -218.77	583.71 15.57 -446.55	808.66 40.49 -456.58	977.85 58.71 -454.24	455.81 43.84 -55.64	619.15 65.10 -5.13	328.61 33.57 -3.45	122.88 11.61 -0.96	120.19 9.30 -0.51	73.49 4.57 0.00
HUDSON___115KV_TB 4 355613	74.67 2.43 0.00	73.83 2.29 0.00	64.19 1.99 0.00	56.98 1.78 0.00	61.42 1.96 0.00	62.33 2.03 0.00	72.97 2.23 0.00	78.74 2.39 0.00	80.90 2.08 0.00	93.81 2.42 0.00	56.44 2.40 21.09	85.86 2.71 0.00	87.94 3.10 0.00	105.63 3.94 -0.61	157.89 5.07 -16.15	159.56 4.90 -33.07	356.62 10.89 -34.13	516.86 18.41 -33.55	376.97 17.08 -3.55	576.65 27.68 -0.06	307.59 15.99 0.00	115.86 5.55 0.00	108.67 4.59 6.30	71.06 2.14 0.00
HUNTER MOUNT___DRP 323613	74.87 2.63 0.00	74.03 2.49 0.00	64.36 2.16 0.00	57.10 1.90 0.00	61.55 2.10 0.00	62.50 2.20 0.00	73.19 2.44 0.00	79.02 2.67 0.00	81.15 2.32 0.00	94.01 2.61 0.00	46.95 2.51 30.69	85.98 2.83 0.00	87.96 3.13 0.00	106.20 3.98 -1.13	172.02 5.27 -30.08	188.19 5.01 -61.60	386.95 11.79 -63.57	547.09 19.70 -62.49	381.59 18.64 -6.62	578.72 29.69 -0.11	308.50 16.91 0.00	116.20 5.89 0.00	110.46 4.92 4.84	71.26 2.33 0.00
HUNTINGTON_RES_REC 323705	85.64 5.95 -7.45	78.76 5.10 -2.12	75.33 4.81 -8.33	64.02 4.38 -4.45	68.53 4.57 -4.50	67.11 4.81 -2.01	76.63 5.41 -0.46	83.38 6.33 -0.70	86.20 6.89 -0.49	97.98 8.49 1.91	147.87 8.17 -64.57	481.89 10.14 -388.60	879.78 11.16 -783.78	703.31 13.83 -588.39	430.22 18.04 -275.51	678.77 16.33 -540.86	826.01 41.58 -472.84	1021.23 62.97 -493.37	636.43 47.82 -232.28	749.92 72.83 -128.17	509.59 37.00 -180.99	611.36 12.96 -488.10	542.41 10.04 -421.98	160.96 4.94 -87.09
HUNTLEY___63 23557	72.72 0.47 0.00	70.87 -0.67 0.00	61.59 -0.61 0.00	53.62 -1.58 0.00	57.06 -2.39 0.00	58.29 -2.01 0.00	67.82 -2.93 0.00	73.33 -3.03 0.00	77.68 -1.15 0.00	89.72 -1.68 0.00	74.38 -0.75 0.00	82.75 -0.40 0.00	82.20 -2.63 0.00	97.53 -3.56 0.00	132.71 -3.96 0.00	118.71 -2.87 0.00	305.21 -6.38 0.00	458.80 -6.10 0.00	348.18 -8.16 0.00	535.18 -13.74 0.00	283.28 -8.31 0.00	105.02 -5.28 0.00	106.71 -3.67 0.00	67.71 -1.21 0.00
HUNTLEY___64 23558	72.72 0.47 0.00	70.87 -0.67 0.00	61.59 -0.61 0.00	53.62 -1.58 0.00	57.06 -2.39 0.00	58.29 -2.01 0.00	67.82 -2.93 0.00	73.33 -3.03 0.00	77.68 -1.15 0.00	89.72 -1.68 0.00	74.38 -0.75 0.00	82.75 -0.40 0.00	82.20 -2.63 0.00	97.53 -3.56 0.00	132.71 -3.96 0.00	118.71 -2.87 0.00	305.21 -6.38 0.00	458.80 -6.10 0.00	348.18 -8.16 0.00	535.18 -13.74 0.00	283.28 -8.31 0.00	105.02 -5.28 0.00	106.71 -3.67 0.00	67.71 -1.21 0.00
HUNTLEY___65 23559	72.72 0.47 0.00	70.87 -0.67 0.00	61.59 -0.61 0.00	53.62 -1.58 0.00	57.06 -2.39 0.00	58.29 -2.01 0.00	67.82 -2.93 0.00	73.33 -3.03 0.00	77.68 -1.15 0.00	89.72 -1.68 0.00	74.38 -0.75 0.00	82.75 -0.40 0.00	82.20 -2.63 0.00	97.53 -3.56 0.00	132.71 -3.96 0.00	118.71 -2.87 0.00	305.21 -6.38 0.00	458.80 -6.10 0.00	348.18 -8.16 0.00	535.18 -13.74 0.00	283.28 -8.31 0.00	105.02 -5.28 0.00	106.71 -3.67 0.00	67.71 -1.21 0.00
HUNTLEY___66 23560	72.72 0.47 0.00	70.87 -0.67 0.00	61.59 -0.61 0.00	53.62 -1.58 0.00	57.06 -2.39 0.00	58.29 -2.01 0.00	67.82 -2.93 0.00	73.33 -3.03 0.00	77.68 -1.15 0.00	89.72 -1.68 0.00	74.38 -0.75 0.00	82.75 -0.40 0.00	82.20 -2.63 0.00	97.53 -3.56 0.00	132.71 -3.96 0.00	118.71 -2.87 0.00	305.21 -6.38 0.00	458.80 -6.10 0.00	348.18 -8.16 0.00	535.18 -13.74 0.00	283.28 -8.31 0.00	105.02 -5.28 0.00	106.71 -3.67 0.00	67.71 -1.21 0.00
HUNTLEY___67 23561	72.67 0.43 0.00	70.73 -0.81 0.00	61.44 -0.75 0.00	53.56 -1.63 0.00	57.02 -2.43 0.00	58.22 -2.08 0.00	67.78 -2.97 0.00	73.33 -3.03 0.00	77.59 -1.23 0.00	89.79 -1.60 0.00	74.51 -0.63 0.00	82.92 -0.23 0.00	82.53 -2.30 0.00	98.00 -3.09 0.00	133.46 -3.21 0.00	119.08 -2.51 0.00	305.78 -5.81 0.00	459.22 -5.67 0.00	348.49 -7.85 0.00	535.82 -13.10 0.00	283.83 -7.76 0.00	105.47 -4.83 0.00	106.78 -3.60 0.00	67.58 -1.35 0.00
HUNTLEY___68 23562	72.67 0.43 0.00	70.73 -0.81 0.00	61.44 -0.75 0.00	53.56 -1.63 0.00	57.02 -2.43 0.00	58.22 -2.08 0.00	67.78 -2.97 0.00	73.33 -3.03 0.00	77.59 -1.23 0.00	89.79 -1.60 0.00	74.51 -0.63 0.00	82.92 -0.23 0.00	82.53 -2.30 0.00	98.00 -3.09 0.00	133.46 -3.21 0.00	119.08 -2.51 0.00	305.78 -5.81 0.00	459.22 -5.67 0.00	348.49 -7.85 0.00	535.82 -13.10 0.00	283.83 -7.76 0.00	105.47 -4.83 0.00	106.78 -3.60 0.00	67.58 -1.35 0.00

HYLAND___LFGE 323620	76.36 4.12 0.00	74.16 2.62 0.00	64.19 1.99 0.00	56.40 1.21 0.00	60.33 0.88 0.00	61.70 1.40 0.00	72.28 1.54 0.00	77.76 1.41 0.00	80.43 1.60 0.00	92.23 0.84 0.00	76.23 1.09 0.00	84.77 1.62 0.00	82.38 -2.45 0.00	93.85 -7.24 0.00	130.64 -6.03 0.00	116.82 -4.76 0.00	297.39 -14.20 0.00	446.89 -18.00 0.00	351.41 -4.92 0.00	548.18 -0.73 0.00	292.65 1.06 0.00	108.85 -1.45 0.00	117.45 7.06 0.00	72.10 3.18 0.00
INDECK___CORINTH 23802	76.31 4.07 0.00	75.28 3.73 0.00	65.19 2.99 0.00	57.82 2.63 0.00	62.41 2.95 0.00	63.33 3.03 0.00	74.62 3.87 0.00	80.63 4.28 0.00	83.20 4.38 0.00	96.65 5.25 0.00	79.41 4.28 0.00	88.33 5.18 0.00	90.35 5.52 0.00	107.76 6.67 0.00	145.36 8.69 0.00	128.60 7.01 0.00	328.94 17.35 0.00	494.07 29.18 0.00	383.84 27.51 0.00	592.75 43.83 0.00	316.02 24.43 0.00	118.47 8.16 0.00	119.56 7.24 -1.94	72.19 3.26 0.00
INDECK___ILION 23567	73.68 1.43 0.00	72.83 1.29 0.00	63.29 1.09 0.00	56.23 1.04 0.00	60.58 1.13 0.00	61.51 1.21 0.00	72.12 1.37 0.00	77.73 1.38 0.00	80.11 1.28 0.00	92.72 1.33 0.00	76.60 1.47 0.00	84.94 1.79 0.00	86.95 2.11 0.00	103.75 2.66 0.00	140.05 3.38 0.00	124.08 2.50 0.00	318.61 7.02 0.00	477.17 12.28 0.00	368.17 11.83 0.00	568.91 19.99 0.00	303.07 11.48 0.00	114.19 3.88 0.00	113.54 3.16 0.00	70.31 1.39 0.00
INDECK___OLEAN 23982	72.21 -0.03 0.00	70.33 -1.21 0.00	60.87 -1.32 0.00	53.61 -1.58 0.00	57.25 -2.20 0.00	58.51 -1.79 0.00	68.46 -2.29 0.00	74.20 -2.16 0.00	78.08 -0.75 0.00	90.68 -0.72 0.00	75.47 0.34 0.00	83.79 0.64 0.00	83.96 -0.87 0.00	100.09 -1.00 0.00	137.21 0.54 0.00	122.38 0.80 0.00	313.33 1.74 0.00	471.35 6.46 0.00	358.62 2.28 0.00	550.56 1.64 0.00	290.96 -0.63 0.00	108.76 -1.55 0.00	108.90 -1.47 0.00	68.06 -0.86 0.00
INDECK___OSWEGO 23783	70.30 -1.94 0.00	69.32 -2.23 0.00	60.21 -1.98 0.00	53.35 -1.84 0.00	57.26 -2.19 0.00	58.27 -2.03 0.00	68.40 -2.35 0.00	73.95 -2.41 0.00	76.33 -2.50 0.00	88.41 -2.99 0.00	72.91 -2.22 0.00	80.78 -2.37 0.00	82.22 -2.62 0.00	98.01 -3.07 0.00	132.78 -3.89 0.00	118.13 -3.45 0.00	301.22 -10.37 0.00	448.38 -16.52 0.00	343.06 -13.27 0.00	527.97 -20.95 0.00	281.80 -9.79 0.00	107.11 -3.20 0.00	115.59 -3.36 -8.57	72.88 -1.92 -5.87
INDECK___YERKES 23781	72.69 0.45 0.00	70.88 -0.66 0.00	61.57 -0.62 0.00	53.61 -1.58 0.00	57.05 -2.40 0.00	58.29 -2.01 0.00	67.81 -2.94 0.00	73.34 -3.02 0.00	77.67 -1.16 0.00	89.70 -1.70 0.00	74.39 -0.74 0.00	82.74 -0.41 0.00	82.26 -2.57 0.00	97.54 -3.55 0.00	132.96 -3.71 0.00	118.91 -2.68 0.00	305.40 -6.20 0.00	460.38 -4.51 0.00	349.32 -7.01 0.00	536.05 -12.86 0.00	283.12 -8.47 0.00	105.02 -5.29 0.00	106.76 -3.62 0.00	67.71 -1.21 0.00
INDIAN POINT_GT_1 24139	76.80 4.56 0.00	75.33 3.78 0.00	65.40 3.21 0.00	58.21 3.03 0.00	62.66 3.20 0.00	63.59 3.29 0.00	74.42 3.67 0.00	80.71 4.36 0.00	83.73 4.91 0.00	98.63 7.23 0.00	82.50 7.37 0.00	91.87 8.72 0.00	94.34 9.51 0.00	120.74 11.85 -7.81	360.15 15.63 -207.85	561.27 14.03 -425.66	787.52 36.62 -439.31	950.84 54.10 -431.85	442.92 40.86 -45.73	610.58 60.89 -0.78	322.81 31.22 0.00	121.14 10.83 0.00	119.71 8.84 -0.49	73.22 4.29 0.00
INDIAN POINT_GT_2 23659	76.80 4.56 0.00	75.33 3.78 0.00	65.40 3.21 0.00	58.21 3.03 0.00	62.66 3.20 0.00	63.59 3.29 0.00	74.42 3.67 0.00	80.71 4.36 0.00	83.73 4.91 0.00	98.63 7.23 0.00	82.50 7.37 0.00	91.87 8.72 0.00	94.34 9.51 0.00	120.74 11.85 -7.81	360.15 15.63 -207.85	561.27 14.03 -425.66	787.52 36.62 -439.31	950.84 54.10 -431.85	442.92 40.86 -45.73	610.58 60.89 -0.78	322.81 31.22 0.00	121.14 10.83 0.00	119.71 8.84 -0.49	73.22 4.29 0.00
INDIAN POINT_GT_3 24019	76.80 4.56 0.00	75.33 3.78 0.00	65.40 3.21 0.00	58.21 3.03 0.00	62.66 3.20 0.00	63.59 3.29 0.00	74.42 3.67 0.00	80.71 4.36 0.00	83.73 4.91 0.00	98.63 7.23 0.00	82.50 7.37 0.00	91.87 8.72 0.00	94.34 9.51 0.00	120.74 11.85 -7.81	360.15 15.63 -207.85	561.27 14.03 -425.66	787.52 36.62 -439.31	950.84 54.10 -431.85	442.92 40.86 -45.73	610.58 60.89 -0.78	322.81 31.22 0.00	121.14 10.83 0.00	119.71 8.84 -0.49	73.22 4.29 0.00
INDIAN POINT___2 23530	76.68 4.43 0.00	75.19 3.65 0.00	65.27 3.08 0.00	58.10 2.91 0.00	62.53 3.08 0.00	63.46 3.16 0.00	74.26 3.51 0.00	80.53 4.17 0.00	83.54 4.72 0.00	98.43 7.04 0.00	82.35 7.21 0.00	91.71 8.56 0.00	94.15 9.31 0.00	120.18 11.61 -7.48	351.21 15.37 -199.18	543.29 13.81 -407.90	768.79 36.22 -420.98	932.19 53.46 -413.83	440.43 40.28 -43.82	609.68 60.02 -0.74	322.39 30.80 0.00	120.97 10.66 0.00	119.53 8.67 -0.48	73.10 4.17 0.00
INDIAN POINT___3 23531	76.66 4.42 0.00	75.19 3.65 0.00	65.28 3.09 0.00	58.09 2.90 0.00	62.54 3.08 0.00	63.46 3.17 0.00	74.26 3.51 0.00	80.53 4.17 0.00	83.53 4.71 0.00	98.42 7.02 0.00	82.33 7.20 0.00	91.68 8.53 0.00	94.15 9.31 0.00	120.51 11.60 -7.83	360.25 15.27 -208.31	561.89 13.70 -426.61	787.80 35.92 -440.29	950.55 52.84 -432.81	442.00 39.84 -45.83	609.08 59.38 -0.78	322.09 30.50 0.00	120.89 10.58 0.00	119.49 8.62 -0.50	73.09 4.16 0.00
INGHAM_C_115KV_TB7 356103	74.66 2.42 0.00	73.70 2.16 0.00	64.02 1.82 0.00	56.99 1.80 0.00	61.43 1.97 0.00	62.42 2.13 0.00	73.07 2.32 0.00	78.51 2.16 0.00	80.73 1.90 0.00	93.06 1.67 0.00	77.09 1.96 0.00	85.58 2.43 0.00	87.96 3.13 0.00	105.09 4.01 0.00	141.74 5.08 0.00	124.90 3.31 0.00	321.40 9.80 0.00	483.78 18.89 0.00	376.61 20.27 0.00	584.50 35.58 0.00	312.58 20.99 0.00	117.42 7.11 0.00	116.16 5.78 0.00	71.38 2.46 0.00
IP CORINTH___1 23988	76.75 4.50 0.00	75.67 4.14 0.00	65.55 3.35 0.00	58.13 2.94 0.00	62.75 3.30 0.00	63.65 3.35 0.00	75.03 4.28 0.00	81.07 4.72 0.00	83.66 4.83 0.00	97.15 5.76 0.00	79.86 4.73 0.00	88.82 5.67 0.00	90.85 6.02 0.00	108.35 7.26 0.00	146.14 9.47 0.00	129.33 7.75 0.00	330.75 19.16 0.00	496.73 31.84 0.00	385.87 29.53 0.00	595.89 46.98 0.00	317.78 26.19 0.00	119.08 8.77 0.00	120.20 7.87 -1.94	72.59 3.67 0.00
IP___TICONDEROGA 23804	80.51 8.27 0.00	79.49 7.95 0.00	68.27 6.08 0.00	60.46 5.27 0.00	65.44 5.99 0.00	66.31 6.01 0.00	78.79 8.04 0.00	84.69 8.33 0.00	87.54 8.71 0.00	101.60 10.20 0.00	83.90 8.76 0.00	93.14 9.99 0.00	95.53 10.69 0.00	114.12 13.03 0.00	153.61 16.94 0.00	135.13 13.54 0.00	342.31 30.72 0.00	515.76 50.86 0.00	401.28 44.95 0.00	624.39 75.47 0.00	334.86 43.27 0.00	124.94 14.63 0.00	126.52 14.11 -2.03	76.19 7.26 0.00
ISLIP_RES_REC 323679	87.07 7.12 -7.71	79.98 6.13 -2.31	76.30 5.55 -8.55	64.85 4.98 -4.68	69.28 5.08 -4.73	67.79 5.38 -2.11	77.39 6.15 -0.49	84.32 7.23 -0.73	87.37 8.02 -0.52	99.73 10.05 1.72	96.03 9.62 -11.28	169.38 11.79 -74.43	256.89 12.48 -159.58	260.83 15.17 -144.57	386.91 19.71 -230.53	624.69 17.52 -485.59	832.71 43.65 -477.47	1030.23 67.02 -498.32	533.05 50.90 -125.81	684.10 77.27 -57.92	386.51 39.36 -55.55	255.87 14.38 -131.19	198.94 11.94 -76.62	88.63 6.04 -13.67

JAMAICA__27_KV_LOAD 355505	77.78 5.54 0.00	76.22 4.68 0.00	66.22 4.03 0.00	58.94 3.75 0.00	63.41 3.95 0.00	64.37 4.07 0.00	75.25 4.50 0.00	81.75 5.40 0.00	84.99 6.16 0.00	100.46 8.97 -0.09	84.02 8.85 -0.04	94.72 10.38 -1.19	98.64 11.31 -2.49	127.47 14.14 -12.24	375.42 18.43 -220.32	587.60 16.66 -449.35	813.57 43.58 -458.39	985.75 63.46 -457.39	461.96 47.75 -57.87	626.05 70.91 -6.22	332.46 36.56 -4.31	124.38 12.87 -1.20	121.35 10.46 -0.51	74.19 5.27 0.00
JANIS__SOLAR 323808	76.44 4.20 0.00	74.94 3.40 0.00	64.93 2.74 0.00	57.65 2.46 0.00	61.91 2.46 0.00	63.15 2.85 0.00	74.28 3.53 0.00	80.23 3.88 0.00	82.60 3.78 0.00	94.51 3.12 0.00	78.02 2.89 0.00	86.49 3.34 0.00	88.07 3.24 0.00	105.43 4.34 0.00	142.76 6.09 0.00	127.83 6.25 0.00	327.99 16.39 0.00	489.51 24.62 0.00	380.32 23.98 0.00	589.62 40.70 0.00	314.91 23.32 0.00	118.52 8.21 0.00	119.21 7.09 -1.73	74.19 4.08 -1.18
JARVIS____ 23743	72.77 0.53 0.00	72.04 0.50 0.00	62.63 0.44 0.00	55.59 0.40 0.00	59.85 0.39 0.00	60.73 0.43 0.00	71.25 0.50 0.00	76.92 0.57 0.00	79.38 0.55 0.00	92.12 0.73 0.00	75.96 0.83 0.00	84.16 1.01 0.00	85.86 1.03 0.00	102.40 1.31 0.00	138.39 1.72 0.00	123.00 1.42 0.00	315.25 3.66 0.00	470.25 5.35 0.00	360.62 4.29 0.00	555.43 6.52 0.00	295.15 3.55 0.00	111.51 1.20 0.00	111.37 0.99 0.00	69.34 0.42 0.00
JENNISON____1 23625	75.61 3.37 0.00	74.38 2.84 0.00	64.33 2.14 0.00	57.53 2.34 0.00	61.82 2.36 0.00	63.16 2.87 0.00	74.39 3.65 0.00	80.63 4.27 0.00	83.54 4.71 0.00	96.38 4.98 0.00	79.62 4.49 0.00	88.48 5.33 0.00	90.20 5.37 0.00	108.04 6.95 0.00	146.32 9.65 0.00	130.39 8.81 0.00	334.80 23.21 0.00	500.12 35.22 0.00	386.06 29.72 0.00	596.11 47.20 0.00	317.16 25.57 0.00	119.14 8.83 0.00	118.62 6.99 -1.24	73.78 4.01 -0.85
JENNISON____2 23626	75.61 3.37 0.00	74.38 2.84 0.00	64.33 2.14 0.00	57.53 2.34 0.00	61.82 2.36 0.00	63.16 2.87 0.00	74.39 3.65 0.00	80.63 4.27 0.00	83.54 4.71 0.00	96.38 4.98 0.00	79.62 4.49 0.00	88.48 5.33 0.00	90.20 5.37 0.00	108.04 6.95 0.00	146.32 9.65 0.00	130.39 8.81 0.00	334.80 23.21 0.00	500.12 35.22 0.00	386.06 29.72 0.00	596.11 47.20 0.00	317.16 25.57 0.00	119.14 8.83 0.00	118.62 6.99 -1.24	73.78 4.01 -0.85
JERICOHO_RISE_WT_PWR 323719	70.39 -1.85 0.00	69.99 -1.55 0.00	60.80 -1.40 0.00	54.13 -1.06 0.00	58.49 -0.96 0.00	59.19 -1.11 0.00	69.57 -1.18 0.00	74.95 -1.41 0.00	77.49 -1.34 0.00	89.32 -2.08 0.00	72.04 -3.10 0.00	79.24 -3.91 0.00	80.76 -4.07 0.00	95.61 -5.47 0.00	129.35 -7.31 0.00	115.24 -6.34 0.00	296.57 -15.03 0.00	441.12 -23.78 0.00	339.40 -16.93 0.00	525.61 -23.31 0.00	279.18 -12.41 0.00	106.46 -3.85 0.00	107.48 -2.90 0.00	67.33 -1.59 0.00
KATONAH__115KV_46KV_TB4 355592	77.67 5.42 0.00	76.17 4.63 0.00	66.09 3.90 0.00	58.77 3.58 0.00	63.23 3.77 0.00	64.19 3.89 0.00	75.15 4.40 0.00	81.59 5.24 0.00	84.69 5.86 0.00	99.79 8.39 0.00	83.50 8.37 0.00	93.10 9.95 0.00	95.65 10.82 0.00	122.74 13.47 -8.18	372.26 17.87 -217.71	583.48 16.03 -445.87	813.36 41.60 -460.16	978.64 61.39 -452.35	450.05 45.82 -47.90	617.89 68.16 -0.81	326.58 34.98 0.00	122.47 12.16 0.00	121.07 10.18 -0.51	74.01 5.09 0.00
KCE_NY_1 323755	76.51 4.27 0.00	75.52 3.98 0.00	65.50 3.31 0.00	58.11 2.91 0.00	62.83 3.37 0.00	63.79 3.49 0.00	74.90 4.16 0.00	80.97 4.61 0.00	83.54 4.72 0.00	96.91 5.51 0.00	79.97 4.84 0.00	88.82 5.66 0.00	90.81 5.98 0.00	108.47 7.39 0.00	146.37 9.70 0.00	129.53 7.95 0.00	332.21 20.61 0.00	497.84 32.95 0.00	384.55 28.21 0.00	592.97 44.06 0.00	315.65 24.06 0.00	118.66 8.35 0.00	120.08 7.54 -2.16	72.63 3.70 0.00
KCE_NY_6_ESR 323823	73.55 1.31 0.00	71.54 0.00 0.00	62.00 -0.19 0.00	54.18 -1.01 0.00	57.68 -1.77 0.00	58.93 -1.37 0.00	68.69 -2.06 0.00	74.39 -1.97 0.00	78.67 -0.15 0.00	91.09 -0.31 0.00	75.67 0.54 0.00	84.29 1.14 0.00	83.99 -0.84 0.00	99.80 -1.29 0.00	136.13 -0.54 0.00	121.49 -0.09 0.00	312.08 0.48 0.00	469.95 5.06 0.00	356.77 0.43 0.00	547.91 -1.01 0.00	289.41 -2.19 0.00	107.56 -2.75 0.00	108.67 -1.72 0.00	68.56 -0.36 0.00
KEDC_PORT_JEFF_GT2 24210	85.71 6.18 -7.30	78.90 5.35 -2.01	75.33 4.94 -8.20	63.95 4.44 -4.31	68.33 4.51 -4.36	67.04 4.80 -1.94	76.65 5.44 -0.45	83.40 6.36 -0.67	86.24 6.95 -0.47	98.12 8.62 1.90	99.17 8.09 -15.95	195.25 9.86 -102.24	310.40 10.70 -214.87	297.93 13.16 -183.68	387.36 16.83 -233.86	623.89 15.04 -487.27	823.48 37.72 -474.17	1015.30 57.91 -492.50	531.68 44.08 -131.27	678.72 67.09 -62.71	392.43 34.60 -66.23	285.36 12.27 -162.78	227.46 9.59 -107.49	93.84 4.97 -19.94
KEDC_PORT_JEFF_GT3 24211	85.71 6.18 -7.30	78.90 5.35 -2.01	75.33 4.94 -8.20	63.95 4.44 -4.31	68.33 4.51 -4.36	67.04 4.80 -1.94	76.65 5.44 -0.45	83.40 6.36 -0.67	86.24 6.95 -0.47	98.12 8.62 1.90	99.17 8.09 -15.95	195.25 9.86 -102.24	310.40 10.70 -214.87	297.93 13.16 -183.68	387.36 16.83 -233.86	623.89 15.04 -487.27	823.48 37.72 -474.17	1015.30 57.91 -492.50	531.68 44.08 -131.27	678.72 67.09 -62.71	392.43 34.60 -66.23	285.36 12.27 -162.78	227.46 9.59 -107.49	93.84 4.97 -19.94
KEDC_GLWD_GT4 24219	101.80 5.75 -23.80	90.69 4.93 -14.22	89.02 4.53 -22.30	78.55 4.17 -19.19	83.28 4.40 -19.43	73.49 4.52 -8.68	77.86 5.09 -2.03	85.20 6.00 -2.85	87.76 6.45 -2.49	105.51 8.89 -5.23	89.35 8.70 -5.52	119.82 10.38 -26.29	157.86 11.13 -61.89	205.61 13.89 -90.63	425.93 18.33 -270.92	790.13 16.48 -652.06	981.55 42.79 -627.17	1295.19 62.97 -767.33	702.32 47.29 -298.69	739.47 70.49 -120.06	385.47 36.22 -57.66	205.72 12.89 -82.53	130.83 10.46 -9.99	85.78 5.23 -11.63
KEDC_GLWD_GT5 24220	101.80 5.75 -23.80	90.69 4.93 -14.22	89.02 4.53 -22.30	78.55 4.17 -19.19	83.28 4.40 -19.43	73.49 4.52 -8.68	77.86 5.09 -2.03	85.20 6.00 -2.85	87.76 6.45 -2.49	105.51 8.89 -5.23	89.35 8.70 -5.52	119.82 10.38 -26.29	157.86 11.13 -61.89	205.61 13.89 -90.63	425.93 18.33 -270.92	790.13 16.48 -652.06	981.55 42.79 -627.17	1295.19 62.97 -767.33	702.32 47.29 -298.69	739.47 70.49 -120.06	385.47 36.22 -57.66	205.72 12.89 -82.53	130.83 10.46 -9.99	85.78 5.23 -11.63
KENSICO____ 23655	77.04 4.80 0.00	75.58 4.04 0.00	65.62 3.43 0.00	58.42 3.23 0.00	62.87 3.42 0.00	63.83 3.53 0.00	74.68 3.93 0.00	81.01 4.66 0.00	84.06 5.23 0.00	99.02 7.62 0.00	82.83 7.70 0.00	92.22 9.07 0.00	94.73 9.89 0.00	121.38 12.32 -7.97	365.01 16.16 -212.18	570.56 14.45 -434.53	797.73 37.68 -448.46	961.13 55.39 -440.85	444.71 41.70 -46.68	611.83 62.13 -0.79	323.51 31.92 0.00	121.39 11.08 0.00	119.96 9.08 -0.50	73.38 4.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	77.47 5.23 0.00	75.96 4.42 0.00	65.84 3.65 0.00	58.50 3.31 0.00	62.90 3.45 0.00	63.86 3.56 0.00	74.89 4.14 0.00	81.69 5.34 0.00	84.38 5.55 0.00	98.91 7.51 0.00	78.84 7.35 3.64	91.28 8.13 0.00	93.69 8.86 0.00	117.22 11.30 -4.84	280.63 15.18 -128.78	399.14 13.83 -263.73	621.24 37.47 -272.18	791.75 59.29 -267.56	429.72 45.05 -28.33	617.47 68.07 -0.48	326.67 35.07 0.00	122.58 12.27 0.00	120.71 10.33 0.00	74.15 5.22 0.00

KIAC_JFK_GT1 23816	76.89 4.64 0.00	75.40 3.86 0.00	65.52 3.33 0.00	58.33 3.14 0.00	62.76 3.30 0.00	63.70 3.40 0.00	74.45 3.70 0.00	80.90 4.55 0.00	84.08 5.26 0.00	99.43 7.94 -0.09	83.12 7.95 -0.04	93.70 9.35 -1.19	97.62 10.29 -2.49	126.24 12.91 -12.24	373.70 16.71 -220.32	586.02 15.08 -449.35	809.45 39.47 -458.39	979.57 57.28 -457.39	457.08 42.87 -57.87	618.73 63.59 -6.22	328.62 32.72 -4.31	122.92 11.42 -1.20	119.94 9.05 -0.51	73.32 4.40 0.00
KIAC_JFK_GT2 23817	76.89 4.64 0.00	75.40 3.86 0.00	65.52 3.33 0.00	58.33 3.14 0.00	62.76 3.30 0.00	63.70 3.40 0.00	74.45 3.70 0.00	80.90 4.55 0.00	84.08 5.26 0.00	99.43 7.94 -0.09	83.12 7.95 -0.04	93.70 9.35 -1.19	97.62 10.29 -2.49	126.24 12.91 -12.24	373.70 16.71 -220.32	586.02 15.08 -449.35	809.45 39.47 -458.39	979.57 57.28 -457.39	457.08 42.87 -57.87	618.73 63.59 -6.22	328.62 32.72 -4.31	122.92 11.42 -1.20	119.94 9.05 -0.51	73.32 4.40 0.00
KIAC_JFK____ 323774	76.89 4.64 0.00	75.39 3.85 0.00	65.52 3.32 0.00	58.33 3.13 0.00	62.76 3.30 0.00	63.70 3.40 0.00	74.44 3.70 0.00	80.90 4.55 0.00	84.08 5.26 0.00	99.43 7.94 -0.09	83.10 7.93 -0.04	93.68 9.34 -1.19	97.60 10.27 -2.49	126.23 12.90 -12.24	373.70 16.71 -220.32	586.03 15.09 -449.35	809.42 39.43 -458.39	979.65 57.36 -457.39	457.06 42.85 -57.87	618.66 63.52 -6.22	328.63 32.73 -4.31	122.92 11.41 -1.20	119.93 9.05 -0.51	73.33 4.41 0.00
KINTIGH__24_KV_GSU 356498	72.79 0.55 0.00	71.06 -0.48 0.00	61.73 -0.47 0.00	53.91 -1.29 0.00	57.48 -1.97 0.00	58.64 -1.65 0.00	68.36 -2.39 0.00	73.94 -2.42 0.00	77.95 -0.88 0.00	90.23 -1.17 0.00	74.83 -0.30 0.00	83.18 0.03 0.00	83.03 -1.80 0.00	98.60 -2.49 0.00	134.33 -2.34 0.00	119.71 -1.87 0.00	304.91 -6.68 0.00	458.11 -6.79 0.00	348.20 -8.13 0.00	535.27 -13.64 0.00	284.21 -7.39 0.00	105.99 -4.32 0.00	107.19 -3.19 0.00	67.62 -1.30 0.00
KINTIGH____ 23543	72.75 0.50 0.00	71.00 -0.54 0.00	61.68 -0.51 0.00	53.86 -1.33 0.00	57.43 -2.03 0.00	58.59 -1.71 0.00	68.31 -2.43 0.00	73.86 -2.49 0.00	77.87 -0.95 0.00	90.15 -1.25 0.00	74.74 -0.39 0.00	83.08 -0.07 0.00	82.90 -1.93 0.00	98.49 -2.60 0.00	134.03 -2.64 0.00	119.43 -2.15 0.00	304.97 -6.63 0.00	457.14 -7.76 0.00	347.54 -8.79 0.00	534.77 -14.15 0.00	284.26 -7.33 0.00	105.98 -4.33 0.00	107.14 -3.24 0.00	67.61 -1.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	71.23 -1.01 0.00	70.50 -1.04 0.00	61.20 -1.00 0.00	54.48 -0.71 0.00	58.82 -0.63 0.00	59.53 -0.77 0.00	69.78 -0.97 0.00	75.19 -1.17 0.00	77.51 -1.32 0.00	89.66 -1.73 0.00	72.20 -2.94 0.00	79.42 -3.73 0.00	80.95 -3.88 0.00	95.65 -5.44 0.00	129.51 -7.16 0.00	115.11 -6.47 0.00	296.89 -14.70 0.00	441.74 -23.16 0.00	341.91 -14.42 0.00	529.39 -19.53 0.00	281.47 -10.12 0.00	107.73 -2.58 0.00	108.47 -1.92 0.00	67.48 -1.44 0.00
LACHUTE____HYDRO 323717	80.51 8.27 0.00	79.49 7.95 0.00	68.27 6.08 0.00	60.46 5.27 0.00	65.44 5.99 0.00	66.31 6.01 0.00	78.79 8.04 0.00	84.69 8.34 0.00	87.53 8.71 0.00	101.60 10.20 0.00	83.89 8.76 0.00	93.14 9.99 0.00	95.53 10.69 0.00	114.12 13.03 0.00	153.62 16.95 0.00	135.13 13.55 0.00	342.29 30.70 0.00	515.79 50.89 0.00	401.37 45.04 0.00	624.39 75.47 0.00	334.83 43.24 0.00	124.94 14.63 0.00	126.52 14.10 -2.03	76.19 7.27 0.00
LAWRNCV_115KV_TB1 80681	71.37 -0.87 0.00	70.66 -0.88 0.00	61.79 -0.40 0.00	54.96 -0.24 0.00	59.37 -0.09 0.00	60.04 -0.26 0.00	70.58 -0.16 0.00	75.87 -0.49 0.00	78.35 -0.47 0.00	88.73 -2.66 0.00	71.24 -3.89 0.00	77.64 -5.51 0.00	78.79 -6.05 0.00	93.14 -7.95 0.00	126.06 -10.61 0.00	112.55 -9.03 0.00	288.83 -22.76 0.00	431.08 -33.81 0.00	332.24 -24.09 0.00	518.41 -30.51 0.00	276.53 -15.07 0.00	105.72 -4.58 0.00	107.54 -2.84 0.00	67.71 -1.21 0.00
LEDERLE____ 23769	77.14 4.90 0.00	75.55 4.01 0.00	65.56 3.37 0.00	58.33 3.14 0.00	62.77 3.31 0.00	63.71 3.41 0.00	74.57 3.82 0.00	80.91 4.55 0.00	83.97 5.15 0.00	99.07 7.67 0.00	83.02 7.88 0.00	92.50 9.35 0.00	94.96 10.13 0.00	120.99 12.64 -7.27	346.92 16.84 -193.41	532.86 15.18 -396.10	760.36 39.97 -408.80	925.79 59.04 -401.85	443.24 44.36 -42.55	615.60 65.97 -0.72	325.38 33.79 0.00	122.00 11.69 0.00	120.47 9.63 -0.46	73.61 4.68 0.00
LIGHTHSE_115KV_TB6 355974	72.09 -0.15 0.00	71.27 -0.27 0.00	61.82 -0.37 0.00	54.81 -0.38 0.00	58.77 -0.68 0.00	59.71 -0.59 0.00	70.28 -0.47 0.00	76.03 -0.33 0.00	78.44 -0.38 0.00	90.51 -0.89 0.00	74.33 -0.80 0.00	82.03 -1.12 0.00	83.17 -1.66 0.00	98.93 -2.16 0.00	134.08 -2.59 0.00	119.35 -2.23 0.00	305.00 -6.59 0.00	455.45 -9.44 0.00	348.79 -7.54 0.00	540.41 -8.51 0.00	289.44 -2.15 0.00	110.26 -0.05 0.00	113.95 -0.74 -4.30	71.28 -0.59 -2.95
LINDEN COGEN____ 23786	76.72 4.48 0.00	74.78 3.65 0.41	64.83 3.17 0.53	58.35 3.16 0.00	62.78 3.33 0.00	63.66 3.42 0.06	73.47 3.68 0.96	80.78 4.43 0.01	83.94 5.11 0.00	94.99 7.78 4.19	77.05 8.00 6.09	87.71 9.46 4.90	92.28 10.25 2.81	115.76 12.80 -1.87	356.38 16.48 -203.23	546.81 14.78 -410.44	792.57 38.47 -442.51	961.97 55.33 -441.75	444.19 41.08 -46.78	611.18 61.47 -0.79	323.18 31.59 0.00	121.09 10.79 0.00	119.34 8.45 -0.51	73.00 4.08 0.00
LINDHRST_69_KV_BK1 356055	91.78 6.62 -12.92	83.40 5.70 -6.16	80.39 5.21 -12.99	69.35 4.80 -9.36	73.94 5.01 -9.48	69.71 5.18 -4.23	77.58 5.84 -0.99	84.61 6.84 -1.41	87.57 7.59 -1.16	101.57 9.59 -0.58	86.21 9.34 -1.74	107.82 11.40 -13.27	134.54 12.34 -37.36	178.63 15.31 -62.24	391.96 20.10 -235.19	665.91 18.47 -525.86	881.73 47.37 -522.77	1115.12 71.04 -579.18	573.34 53.77 -163.23	695.16 81.16 -65.08	370.59 41.52 -37.48	187.52 14.47 -62.74	126.91 11.58 -4.96	76.97 5.72 -2.32
LIPA_MISC_IPP 23656	85.27 5.90 -7.13	78.38 4.95 -1.88	74.80 4.55 -8.05	63.42 4.07 -4.16	67.80 4.13 -4.21	66.64 4.46 -1.88	76.28 5.09 -0.44	82.96 5.95 -0.65	85.88 6.60 -0.45	97.66 8.23 1.97	91.44 8.27 -8.04	149.34 10.26 -55.92	218.85 11.14 -122.88	232.58 13.62 -117.88	380.38 17.52 -226.19	613.73 15.49 -476.66	822.30 37.72 -472.99	1013.71 58.73 -490.08	514.91 45.22 -113.36	670.64 70.13 -51.59	374.71 35.65 -47.48	233.26 12.84 -110.12	177.28 10.15 -56.74	82.77 4.85 -9.00
LISF__SOLAR 323691	85.60 6.17 -7.20	78.67 5.20 -1.93	75.05 4.74 -8.11	63.64 4.23 -4.22	68.01 4.28 -4.27	66.81 4.61 -1.91	76.50 5.30 -0.44	83.21 6.19 -0.66	86.13 6.84 -0.46	97.98 8.52 1.94	92.52 8.35 -9.03	155.36 10.50 -61.71	230.56 11.36 -134.37	241.24 14.02 -126.14	381.95 18.02 -227.26	615.91 15.92 -478.42	824.15 39.06 -473.50	1016.90 60.95 -491.05	519.50 47.09 -116.08	674.91 72.83 -53.15	378.43 36.96 -49.87	240.43 13.41 -116.71	184.05 10.62 -63.05	84.44 5.12 -10.40
LITTLE FALLS__HYD 24013	74.66 2.42 0.00	73.70 2.16 0.00	64.02 1.82 0.00	56.99 1.80 0.00	61.43 1.97 0.00	62.42 2.13 0.00	73.07 2.32 0.00	78.51 2.16 0.00	80.73 1.90 0.00	93.06 1.67 0.00	77.09 1.96 0.00	85.58 2.43 0.00	87.96 3.13 0.00	105.09 4.01 0.00	141.74 5.08 0.00	124.90 3.31 0.00	321.40 9.80 0.00	483.78 18.89 0.00	376.61 20.27 0.00	584.50 35.58 0.00	312.58 20.99 0.00	117.42 7.11 0.00	116.16 5.78 0.00	71.38 2.46 0.00

LITTLRIV_115KV_TB1 356100	72.63 0.39 0.00	71.96 0.42 0.00	62.80 0.61 0.00	55.87 0.68 0.00	60.38 0.92 0.00	61.08 0.78 0.00	71.83 1.09 0.00	77.06 0.70 0.00	79.30 0.47 0.00	89.60 -1.80 0.00	71.52 -3.62 0.00	77.87 -5.28 0.00	79.12 -5.71 0.00	93.62 -7.46 0.00	126.65 -10.02 0.00	113.26 -8.32 0.00	289.78 -21.81 0.00	432.84 -32.06 0.00	334.49 -21.84 0.00	524.86 -24.06 0.00	281.63 -9.96 0.00	107.77 -2.54 0.00	109.37 -1.01 0.00	68.86 -0.06 0.00
LI_NEWBRDGE___DRP 323616	80.90 5.24 -3.42	75.08 4.41 0.87	71.17 4.10 -4.88	59.78 3.78 -0.81	64.27 4.00 -0.81	64.78 4.13 -0.36	75.43 4.60 -0.08	81.95 5.43 -0.16	84.77 5.95 0.00	95.72 7.88 3.55	81.30 7.87 1.71	94.60 9.63 -1.82	111.17 10.46 -15.87	151.91 12.95 -37.88	360.84 16.98 -207.19	566.66 15.31 -429.77	793.92 39.66 -442.66	958.08 58.42 -434.77	454.89 44.18 -54.37	639.98 66.24 -24.82	346.67 34.12 -20.95	166.43 11.75 -44.37	119.98 9.18 -0.42	67.57 4.42 5.78
LOCKPORT_115KV_TB60_63_64 80432	72.19 -0.05 0.00	70.31 -1.23 0.00	61.27 -0.92 0.00	53.33 -1.87 0.00	56.75 -2.71 0.00	57.96 -2.34 0.00	67.38 -3.37 0.00	72.64 -3.72 0.00	76.84 -1.99 0.00	88.94 -2.46 0.00	73.98 -1.15 0.00	82.19 -0.96 0.00	81.63 -3.20 0.00	96.42 -4.67 0.00	131.06 -5.61 0.00	117.20 -4.38 0.00	301.01 -10.58 0.00	452.72 -12.17 0.00	343.59 -12.74 0.00	528.73 -20.19 0.00	280.25 -11.34 0.00	104.08 -6.23 0.00	105.94 -4.45 0.00	67.25 -1.67 0.00
LOCKPORT___CC1 323769	71.91 -0.33 0.00	70.05 -1.49 0.00	61.02 -1.18 0.00	53.10 -2.09 0.00	56.52 -2.94 0.00	57.72 -2.58 0.00	67.10 -3.64 0.00	72.38 -3.97 0.00	76.58 -2.24 0.00	88.60 -2.80 0.00	73.68 -1.45 0.00	81.87 -1.28 0.00	81.38 -3.46 0.00	96.10 -4.99 0.00	130.90 -5.77 0.00	116.96 -4.62 0.00	299.91 -11.68 0.00	452.01 -12.88 0.00	343.16 -13.17 0.00	527.32 -21.59 0.00	278.96 -12.63 0.00	103.67 -6.64 0.00	105.53 -4.85 0.00	66.95 -1.97 0.00
LOCKPORT___CC2 323770	71.91 -0.33 0.00	70.05 -1.49 0.00	61.02 -1.18 0.00	53.10 -2.09 0.00	56.52 -2.94 0.00	57.72 -2.58 0.00	67.10 -3.64 0.00	72.38 -3.97 0.00	76.58 -2.24 0.00	88.60 -2.80 0.00	73.68 -1.45 0.00	81.87 -1.28 0.00	81.38 -3.46 0.00	96.10 -4.99 0.00	130.90 -5.77 0.00	116.96 -4.62 0.00	299.91 -11.68 0.00	452.01 -12.88 0.00	343.16 -13.17 0.00	527.32 -21.59 0.00	278.96 -12.63 0.00	103.67 -6.64 0.00	105.53 -4.85 0.00	66.95 -1.97 0.00
LOCKPORT___CC3 323771	71.91 -0.33 0.00	70.05 -1.49 0.00	61.02 -1.18 0.00	53.10 -2.09 0.00	56.52 -2.94 0.00	57.72 -2.58 0.00	67.10 -3.64 0.00	72.38 -3.97 0.00	76.58 -2.80 0.00	88.60 -2.80 0.00	73.68 -1.45 0.00	81.87 -1.28 0.00	81.38 -3.46 0.00	96.10 -4.99 0.00	130.90 -5.77 0.00	116.96 -4.62 0.00	299.91 -11.68 0.00	452.01 -12.88 0.00	343.16 -13.17 0.00	527.32 -21.59 0.00	278.96 -12.63 0.00	103.67 -6.64 0.00	105.53 -4.85 0.00	66.95 -1.97 0.00
LOCUSVLY_69_KV_BK2 55797	98.59 6.32 -20.02	88.38 5.41 -11.43	86.19 4.92 -19.08	75.46 4.48 -15.79	80.15 4.71 -15.98	72.28 4.84 -7.14	77.86 5.45 -1.67	85.11 6.40 -2.35	87.89 7.04 -2.03	104.33 9.36 -3.56	88.49 9.21 -4.15	115.72 11.11 -21.45	149.63 12.06 -52.74	195.96 14.99 -79.88	413.72 19.82 -257.23	745.39 18.01 -605.79	947.30 46.49 -589.22	1232.60 68.70 -699.01	657.08 51.54 -249.21	726.29 77.27 -100.10	380.89 39.41 -49.89	199.22 13.81 -75.11	129.73 11.15 -8.20	82.88 5.56 -8.40
LONG_LAKE_PHOENIX 24014	71.34 -0.90 0.00	70.24 -1.31 0.00	61.00 -1.20 0.00	54.03 -1.16 0.00	57.97 -1.48 0.00	59.01 -1.29 0.00	69.27 -1.48 0.00	74.89 -1.47 0.00	77.35 -1.47 0.00	89.70 -1.70 0.00	74.11 -1.02 0.00	82.10 -1.05 0.00	83.56 -1.27 0.00	99.72 -1.36 0.00	135.16 -1.51 0.00	120.27 -1.32 0.00	306.81 -4.78 0.00	457.41 -7.48 0.00	349.90 -6.44 0.00	538.21 -10.71 0.00	286.85 -4.74 0.00	108.64 -1.67 0.00	115.00 -1.90 -6.52	72.31 -1.08 -4.47
LOVETT___3 23632	76.53 4.28 0.00	75.04 3.50 0.00	65.13 2.94 0.00	57.97 2.78 0.00	62.39 2.93 0.00	63.32 3.02 0.00	74.09 3.34 0.00	80.36 4.01 0.00	83.34 4.52 0.00	98.28 6.89 0.00	82.27 7.14 0.00	91.63 8.48 0.00	94.07 9.23 0.00	120.01 11.51 -7.41	349.19 15.22 -197.31	539.32 13.67 -404.07	764.53 35.92 -417.02	927.82 52.98 -409.94	439.69 39.95 -43.41	609.17 59.52 -0.74	322.09 30.50 0.00	120.85 10.54 0.00	119.44 8.59 -0.47	73.03 4.10 0.00
LOVETT___4 23642	76.53 4.28 0.00	75.04 3.50 0.00	65.13 2.94 0.00	57.97 2.78 0.00	62.39 2.93 0.00	63.32 3.02 0.00	74.09 3.34 0.00	80.36 4.01 0.00	83.34 4.52 0.00	98.28 6.89 0.00	82.27 7.14 0.00	91.63 8.48 0.00	94.07 9.23 0.00	120.01 11.51 -7.41	349.19 15.22 -197.31	539.32 13.67 -404.07	764.53 35.92 -417.02	927.82 52.98 -409.94	439.69 39.95 -43.41	609.17 59.52 -0.74	322.09 30.50 0.00	120.85 10.54 0.00	119.44 8.59 -0.47	73.03 4.10 0.00
LOVETT___5 23593	76.53 4.28 0.00	75.04 3.50 0.00	65.13 2.94 0.00	57.97 2.78 0.00	62.39 2.93 0.00	63.32 3.02 0.00	74.09 3.34 0.00	80.36 4.01 0.00	83.34 4.52 0.00	98.28 6.89 0.00	82.27 7.14 0.00	91.63 8.48 0.00	94.07 9.23 0.00	120.01 11.51 -7.41	349.19 15.22 -197.31	539.32 13.67 -404.07	764.53 35.92 -417.02	927.82 52.98 -409.94	439.69 39.95 -43.41	609.17 59.52 -0.74	322.09 30.50 0.00	120.85 10.54 0.00	119.44 8.59 -0.47	73.03 4.10 0.00
LOWER RAQUET___HYD 24057	71.38 -0.87 0.00	70.72 -0.82 0.00	61.80 -0.39 0.00	54.98 -0.21 0.00	59.38 -0.08 0.00	60.04 -0.26 0.00	70.62 -0.13 0.00	75.91 -0.44 0.00	78.34 -0.48 0.00	88.67 -2.73 0.00	71.10 -4.03 0.00	77.29 -5.86 0.00	78.35 -6.49 0.00	92.62 -8.47 0.00	125.24 -11.43 0.00	111.81 -9.77 0.00	286.92 -24.67 0.00	428.21 -36.68 0.00	330.19 -26.14 0.00	515.94 -32.98 0.00	275.62 -15.97 0.00	105.51 -4.80 0.00	107.83 -3.11 -0.56	67.96 -1.35 -0.38
LOWER___HUDSON 24059	74.90 2.66 0.00	74.06 2.52 0.00	64.28 2.08 0.00	57.14 1.95 0.00	61.70 2.25 0.00	62.61 2.31 0.00	73.38 2.64 0.00	79.34 2.98 0.00	81.85 3.03 0.00	95.20 3.81 0.00	78.66 3.53 0.00	87.35 4.20 0.00	89.41 4.57 0.00	107.36 5.69 -0.59	159.55 7.29 -15.60	159.05 5.53 -31.94	358.46 13.91 -32.96	519.24 21.94 -32.40	378.46 18.70 -3.43	578.23 29.26 -0.06	307.99 16.39 0.00	116.04 5.73 0.00	119.19 5.22 -3.60	71.25 2.33 0.00
LOWVILLE_115KV_TB2 356335	74.29 2.05 0.00	74.23 2.69 0.00	64.44 2.25 0.00	57.31 2.12 0.00	61.47 2.01 0.00	62.13 1.83 0.00	73.35 2.60 0.00	79.43 3.08 0.00	81.60 2.77 0.00	93.64 2.24 0.00	76.45 1.31 0.00	83.60 0.45 0.00	84.35 -0.49 0.00	99.81 -1.28 0.00	134.79 -1.88 0.00	120.29 -1.29 0.00	308.94 -2.66 0.00	461.06 -3.84 0.00	354.71 -1.62 0.00	554.22 5.30 0.00	298.01 6.42 0.00	113.98 3.68 0.00	114.59 2.90 -1.30	71.12 1.30 -0.89
LUTHERFT_115KV_GLOB_FND_222 355753	76.49 4.25 0.00	75.51 3.97 0.00	65.50 3.31 0.00	58.13 2.94 0.00	62.75 3.30 0.00	63.70 3.40 0.00	74.81 4.06 0.00	80.84 4.49 0.00	83.38 4.56 0.00	96.79 5.39 0.00	79.91 4.78 0.00	88.77 5.62 0.00	90.76 5.93 0.00	108.32 7.23 0.00	146.17 9.50 0.00	129.39 7.81 0.00	331.65 20.06 0.00	497.07 32.17 0.00	383.91 27.58 0.00	592.15 43.23 0.00	315.22 23.63 0.00	118.48 8.18 0.00	119.94 7.40 -2.16	72.59 3.67 0.00

LUTHERNY_35_KV_BK2 355980	76.51 4.27 0.00	75.52 3.98 0.00	65.51 3.31 0.00	58.11 2.92 0.00	62.83 3.38 0.00	63.79 3.49 0.00	74.91 4.16 0.00	80.97 4.61 0.00	83.54 4.72 0.00	96.91 5.51 0.00	79.97 4.84 0.00	88.82 5.67 0.00	90.81 5.97 0.00	108.47 7.39 0.00	146.38 9.71 0.00	129.52 7.94 0.00	332.20 20.61 0.00	497.89 33.00 0.00	384.54 28.21 0.00	593.06 44.14 0.00	315.70 24.11 0.00	118.66 8.35 0.00	120.08 7.54 -2.16	72.63 3.70 0.00
LWR___OSWEGATCHIE_HYD 23850	72.74 0.50 0.00	72.34 0.79 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.10 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.24 -7.43 0.00	115.24 -6.34 0.00	295.98 -15.62 0.00	441.75 -23.15 0.00	339.93 -16.41 0.00	532.03 -16.88 0.00	285.62 -5.97 0.00	109.62 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
LYONS_FALL_HYD 23570	74.49 2.24 0.00	74.08 2.53 0.00	64.31 2.12 0.00	57.13 1.94 0.00	61.33 1.88 0.00	62.11 1.81 0.00	73.20 2.45 0.00	79.20 2.84 0.00	81.46 2.63 0.00	93.89 2.50 0.00	77.02 1.89 0.00	84.61 1.46 0.00	85.61 0.78 0.00	101.66 0.57 0.00	137.34 0.67 0.00	122.40 0.82 0.00	314.43 2.84 0.00	469.31 4.42 0.00	360.88 4.54 0.00	560.94 12.02 0.00	300.38 8.78 0.00	114.28 3.97 0.00	114.71 3.36 -0.96	71.24 1.66 -0.66
MADISON___COUNTY_LFGE 323628	75.47 3.23 0.00	74.44 2.90 0.00	64.57 2.37 0.00	57.29 2.10 0.00	61.51 2.05 0.00	62.48 2.18 0.00	73.45 2.70 0.00	79.33 2.97 0.00	81.71 2.89 0.00	94.68 3.28 0.00	78.25 3.12 0.00	86.25 3.10 0.00	87.41 2.58 0.00	104.19 3.10 0.00	141.02 4.35 0.00	125.55 3.97 0.00	322.09 10.50 0.00	481.44 16.54 0.00	369.93 13.60 0.00	571.60 22.68 0.00	304.78 13.19 0.00	115.16 4.85 0.00	116.40 4.94 -1.08	72.41 2.75 -0.74
MALONE___115KV_TB1 356076	71.59 -0.65 0.00	70.97 -0.57 0.00	61.69 -0.50 0.00	54.89 -0.30 0.00	59.27 -0.19 0.00	59.97 -0.33 0.00	70.53 -0.21 0.00	75.99 -0.37 0.00	78.66 -0.17 0.00	90.16 -1.23 0.00	72.62 -2.51 0.00	79.66 -3.49 0.00	80.98 -3.85 0.00	95.67 -5.42 0.00	129.50 -7.17 0.00	115.49 -6.09 0.00	297.80 -13.79 0.00	442.42 -22.47 0.00	341.92 -14.42 0.00	530.21 -18.71 0.00	282.30 -9.29 0.00	107.67 -2.64 0.00	108.66 -1.72 0.00	68.07 -0.86 0.00
MAPLEWOD_115KV_TB3 80458	74.66 2.41 0.00	73.80 2.26 0.00	64.14 1.95 0.00	56.97 1.78 0.00	61.45 1.99 0.00	62.36 2.06 0.00	73.03 2.28 0.00	78.99 2.63 0.00	81.51 2.68 0.00	94.90 3.50 0.00	78.52 3.39 0.00	87.19 4.04 0.00	89.26 4.43 0.00	107.01 5.53 -0.38	154.02 7.15 -10.20	148.32 5.85 -20.89	347.56 14.40 -21.56	508.36 22.27 -21.19	376.94 18.36 -2.25	577.18 28.22 -0.04	306.90 15.31 0.00	115.59 5.29 0.00	118.87 4.59 -3.90	70.97 2.05 0.00
MAPLE_RIDGE_WT_1 323574	71.37 -0.87 0.00	71.11 -0.43 0.00	61.92 -0.27 0.00	55.07 -0.13 0.00	59.30 -0.15 0.00	60.04 -0.26 0.00	70.55 -0.20 0.00	76.17 -0.19 0.00	78.64 -0.18 0.00	91.03 -0.37 0.00	74.53 -0.60 0.00	82.34 -0.81 0.00	83.91 -0.93 0.00	99.80 -1.29 0.00	134.79 -1.88 0.00	120.06 -1.52 0.00	307.92 -3.67 0.00	459.10 -5.79 0.00	351.70 -4.64 0.00	541.77 -7.15 0.00	288.09 -3.50 0.00	109.03 -1.28 0.00	109.13 -1.25 0.00	68.19 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	71.37 -0.87 0.00	71.11 -0.43 0.00	61.92 -0.27 0.00	55.07 -0.13 0.00	59.30 -0.15 0.00	60.04 -0.26 0.00	70.55 -0.20 0.00	76.17 -0.19 0.00	78.64 -0.18 0.00	91.03 -0.37 0.00	74.53 -0.60 0.00	82.34 -0.81 0.00	83.91 -0.93 0.00	99.80 -1.29 0.00	134.79 -1.88 0.00	120.06 -1.52 0.00	307.92 -3.67 0.00	459.10 -5.79 0.00	351.70 -4.64 0.00	541.77 -7.15 0.00	288.09 -3.50 0.00	109.03 -1.28 0.00	109.13 -1.25 0.00	68.19 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	70.49 -1.75 0.00	70.01 -1.53 0.00	60.82 -1.37 0.00	54.16 -1.04 0.00	58.49 -0.97 0.00	59.19 -1.11 0.00	69.52 -1.23 0.00	74.94 -1.42 0.00	77.44 -1.39 0.00	89.32 -2.08 0.00	72.09 -3.04 0.00	79.35 -3.80 0.00	80.87 -3.96 0.00	95.75 -5.33 0.00	129.52 -7.15 0.00	115.29 -6.29 0.00	296.74 -14.85 0.00	441.42 -23.48 0.00	339.63 -16.71 0.00	526.18 -22.74 0.00	279.36 -12.23 0.00	106.59 -3.71 0.00	107.55 -2.84 0.00	67.28 -1.64 0.00
MARSHVLE_115KV_TB1 80742	77.31 5.07 0.00	76.29 4.75 0.00	66.27 4.08 0.00	58.55 3.36 0.00	62.96 3.51 0.00	64.03 3.73 0.00	75.00 4.26 0.00	80.14 3.78 0.00	82.54 3.72 0.00	94.91 3.51 0.00	77.40 2.27 0.00	86.08 2.93 0.00	87.27 2.43 0.00	103.21 2.12 0.00	139.01 2.34 0.00	124.53 2.95 0.00	322.04 10.45 0.00	479.63 14.74 0.00	370.56 14.23 0.00	579.78 30.87 0.00	310.53 18.94 0.00	117.30 6.99 0.00	118.65 7.28 -0.99	73.51 4.59 0.00
MARSH_HILL_WT_PWR 323713	73.46 1.22 0.00	71.87 0.32 0.00	62.45 0.26 0.00	55.29 0.10 0.00	59.32 -0.14 0.00	60.64 0.35 0.00	70.93 0.18 0.00	76.57 0.21 0.00	79.89 1.06 0.00	92.48 1.09 0.00	76.95 1.81 0.00	86.00 2.86 0.00	86.73 1.90 0.00	102.06 0.97 0.00	139.36 2.69 0.00	124.60 3.02 0.00	318.58 6.99 0.00	477.21 12.31 0.00	367.65 11.32 0.00	569.40 20.48 0.00	302.45 10.86 0.00	113.22 2.91 0.00	114.09 2.86 -0.84	71.19 1.69 -0.58
MCINTYRE_115KV_TB2 80467	73.01 0.77 0.00	72.36 0.82 0.00	63.15 0.96 0.00	56.17 0.98 0.00	60.71 1.25 0.00	61.43 1.13 0.00	72.22 1.47 0.00	77.35 0.99 0.00	79.53 0.70 0.00	89.79 -1.60 0.00	71.65 -3.48 0.00	78.26 -4.89 0.00	79.62 -5.21 0.00	94.23 -6.86 0.00	127.49 -9.18 0.00	114.04 -7.54 0.00	291.85 -19.74 0.00	435.94 -28.96 0.00	336.78 -19.56 0.00	528.79 -20.12 0.00	284.25 -7.35 0.00	108.74 -1.57 0.00	110.27 -0.11 0.00	69.43 0.50 0.00
MECO_____69_KV_BK1 80468	78.66 6.42 0.00	77.50 5.96 0.00	67.29 5.10 0.00	59.50 4.30 0.00	64.02 4.56 0.00	65.09 4.79 0.00	76.29 5.55 0.00	81.43 5.07 0.00	83.46 4.63 0.00	95.70 4.31 0.00	78.05 2.91 0.00	86.77 3.62 0.00	88.07 3.24 0.00	104.69 3.61 0.00	141.20 4.53 0.00	126.14 4.56 0.00	326.48 14.89 0.00	489.52 24.62 0.00	381.27 24.93 0.00	598.31 49.40 0.00	320.53 28.94 0.00	120.75 10.44 0.00	121.36 9.92 -1.06	74.69 5.77 0.00
MENANDS___115KV_TB5 355628	73.96 1.72 0.00	73.16 1.62 0.00	63.62 1.43 0.00	56.55 1.36 0.00	60.98 1.53 0.00	61.88 1.58 0.00	72.43 1.68 0.00	78.30 1.94 0.00	80.78 1.96 0.00	94.11 2.72 0.00	77.91 2.78 0.00	86.50 3.35 0.00	88.55 3.72 0.00	106.15 4.68 -0.38	152.74 5.93 -10.14	147.13 4.78 -20.76	344.56 11.54 -21.43	503.66 17.70 -21.07	373.04 14.48 -2.23	571.05 22.09 -0.04	303.64 12.04 0.00	114.38 4.07 0.00	117.16 3.45 -3.33	70.29 1.37 0.00
MG INDUSTRY___DRP 24185	72.35 0.11 0.00	71.72 0.18 0.00	62.48 0.28 0.00	55.46 0.27 0.00	59.78 0.33 0.00	60.65 0.35 0.00	70.89 0.15 0.00	76.34 -0.02 0.00	78.47 -0.36 0.00	91.30 -0.10 0.00	51.24 0.22 24.11	83.60 0.45 0.00	85.58 0.74 0.00	102.03 0.95 0.00	137.47 0.80 0.00	121.92 0.34 0.00	311.76 0.17 0.00	466.04 1.14 0.00	359.21 2.87 0.00	553.77 4.85 0.00	294.84 3.25 0.00	111.26 0.95 0.00	106.25 0.38 4.51	68.70 -0.23 0.00

MID___OSWEGATCHIE_HYD 23849	72.74 0.50 0.00	72.34 0.79 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.10 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.24 -7.43 0.00	115.24 -6.34 0.00	295.98 -15.62 0.00	441.75 -23.15 0.00	339.93 -16.41 0.00	532.03 -16.88 0.00	285.62 -5.97 0.00	109.62 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
MID___RAQUETTE_HYD 23851	71.38 -0.87 0.00	70.72 -0.82 0.00	61.80 -0.39 0.00	54.98 -0.21 0.00	59.37 -0.08 0.00	60.04 -0.26 0.00	70.62 -0.13 0.00	75.91 -0.44 0.00	78.35 -0.48 0.00	88.67 -2.73 0.00	71.12 -4.02 0.00	77.29 -5.86 0.00	78.35 -6.48 0.00	92.62 -8.47 0.00	125.27 -11.40 0.00	111.82 -9.76 0.00	286.93 -24.67 0.00	428.21 -36.69 0.00	330.15 -26.19 0.00	516.03 -32.89 0.00	275.61 -15.99 0.00	105.51 -4.80 0.00	107.83 -3.11 -0.56	67.96 -1.35 -0.38
MILLIKEN___1 23584	74.76 2.52 0.00	73.42 1.88 0.00	63.62 1.42 0.00	56.35 1.16 0.00	60.55 1.10 0.00	61.66 1.36 0.00	72.33 1.58 0.00	78.29 1.93 0.00	80.85 2.02 0.00	93.32 1.93 0.00	77.15 2.02 0.00	85.56 2.41 0.00	87.04 2.21 0.00	103.94 2.86 0.00	141.11 4.44 0.00	126.16 4.58 0.00	322.12 10.53 0.00	480.09 15.20 0.00	369.31 12.98 0.00	570.27 21.36 0.00	303.64 12.05 0.00	114.46 4.16 0.00	116.30 3.64 -2.28	72.61 2.12 -1.56
MILLIKEN___2 23585	74.76 2.52 0.00	73.42 1.88 0.00	63.62 1.42 0.00	56.35 1.16 0.00	60.55 1.10 0.00	61.66 1.36 0.00	72.33 1.58 0.00	78.29 1.93 0.00	80.85 2.02 0.00	93.32 1.93 0.00	77.15 2.02 0.00	85.56 2.41 0.00	87.04 2.21 0.00	103.94 2.86 0.00	141.11 4.44 0.00	126.16 4.58 0.00	322.12 10.53 0.00	480.09 15.20 0.00	369.31 12.98 0.00	570.27 21.36 0.00	303.64 12.05 0.00	114.46 4.16 0.00	116.30 3.64 -2.28	72.61 2.12 -1.56
MILLIKEN___DIESEL 23629	74.76 2.52 0.00	73.42 1.88 0.00	63.62 1.42 0.00	56.35 1.16 0.00	60.55 1.10 0.00	61.66 1.36 0.00	72.33 1.58 0.00	78.29 1.93 0.00	80.85 2.02 0.00	93.32 1.93 0.00	77.15 2.02 0.00	85.56 2.41 0.00	87.04 2.21 0.00	103.94 2.86 0.00	141.11 4.44 0.00	126.16 4.58 0.00	322.12 10.53 0.00	480.09 15.20 0.00	369.31 12.98 0.00	570.27 21.36 0.00	303.64 12.05 0.00	114.46 4.16 0.00	116.30 3.64 -2.28	72.61 2.12 -1.56
MILLSEAT___LFGE 323607	74.49 2.24 0.00	72.46 0.92 0.00	63.01 0.82 0.00	54.89 -0.31 0.00	58.48 -0.98 0.00	59.74 -0.55 0.00	69.62 -1.13 0.00	75.14 -1.22 0.00	79.24 0.41 0.00	91.73 0.34 0.00	76.11 0.98 0.00	84.17 1.02 0.00	83.80 -1.03 0.00	99.04 -2.05 0.00	134.46 -2.21 0.00	120.02 -1.56 0.00	307.73 -3.87 0.00	466.41 1.51 0.00	354.15 -2.18 0.00	545.17 -3.75 0.00	288.76 -2.84 0.00	107.57 -2.74 0.00	109.84 -0.54 0.00	69.36 0.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	76.84 4.60 0.00	75.39 3.85 0.00	65.46 3.27 0.00	58.26 3.07 0.00	62.71 3.26 0.00	63.65 3.35 0.00	74.48 3.73 0.00	80.78 4.42 0.00	83.81 4.99 0.00	98.70 7.31 0.00	82.54 7.40 0.00	91.92 8.77 0.00	94.39 9.56 0.00	120.91 11.91 -7.91	362.93 15.64 -210.63	566.95 14.00 -431.36	793.35 36.56 -445.19	956.30 53.77 -437.63	443.27 40.60 -46.34	610.18 60.48 -0.78	322.68 31.08 0.00	121.10 10.79 0.00	119.72 8.84 -0.50	73.22 4.29 0.00
MILLWOOD_13_KV_LOAD 356217	77.02 4.78 0.00	75.54 4.00 0.00	65.62 3.42 0.00	58.38 3.19 0.00	62.81 3.36 0.00	63.77 3.47 0.00	74.63 3.88 0.00	80.98 4.62 0.00	83.98 5.15 0.00	98.92 7.53 0.00	82.75 7.62 0.00	92.16 9.01 0.00	94.65 9.82 0.00	121.22 12.22 -7.91	363.42 16.12 -210.63	567.38 14.43 -431.36	794.51 37.73 -445.19	958.02 55.50 -437.63	444.61 41.93 -46.34	611.87 62.17 -0.78	323.56 31.97 0.00	121.43 11.12 0.00	120.03 9.15 -0.50	73.38 4.46 0.00
MODEL_CITY_ENERGY 24167	71.55 -0.69 0.00	69.73 -1.81 0.00	60.86 -1.33 0.00	52.96 -2.23 0.00	56.37 -3.08 0.00	57.56 -2.74 0.00	66.86 -3.89 0.00	71.98 -4.37 0.00	76.18 -2.64 0.00	88.14 -3.26 0.00	73.44 -1.69 0.00	81.66 -1.49 0.00	81.12 -3.71 0.00	95.73 -5.36 0.00	130.27 -6.40 0.00	116.47 -5.11 0.00	298.78 -12.82 0.00	450.29 -14.60 0.00	341.43 -14.90 0.00	524.49 -24.43 0.00	277.34 -14.26 0.00	102.97 -7.33 0.00	104.95 -5.43 0.00	66.72 -2.21 0.00
MODERN_LFGE___ 323580	71.55 -0.69 0.00	69.73 -1.81 0.00	60.86 -1.33 0.00	52.96 -2.23 0.00	56.37 -3.08 0.00	57.56 -2.74 0.00	66.86 -3.89 0.00	71.98 -4.37 0.00	76.18 -2.64 0.00	88.14 -3.26 0.00	73.44 -1.69 0.00	81.66 -1.49 0.00	81.12 -3.71 0.00	95.73 -5.36 0.00	130.27 -6.40 0.00	116.47 -5.11 0.00	298.78 -12.82 0.00	450.29 -14.60 0.00	341.43 -14.90 0.00	524.49 -24.43 0.00	277.34 -14.26 0.00	102.97 -7.33 0.00	104.95 -5.43 0.00	66.72 -2.21 0.00
MOHAWK_PAPER___DRP 24187	74.66 2.41 0.00	73.80 2.26 0.00	64.14 1.95 0.00	56.97 1.78 0.00	61.45 1.99 0.00	62.36 2.06 0.00	73.03 2.28 0.00	78.99 2.63 0.00	81.51 2.68 0.00	94.90 3.50 0.00	78.52 3.39 0.00	87.19 4.04 0.00	89.26 4.43 0.00	107.01 5.53 -0.38	154.02 7.15 -10.20	148.32 5.85 -20.89	347.56 14.40 -21.56	508.36 22.27 -21.19	376.94 18.36 -2.25	577.18 28.22 -0.04	306.90 15.31 0.00	115.59 5.29 0.00	118.87 4.59 -3.90	70.97 2.05 0.00
MOHICAN___35_KV_115KV_LD 80490	77.24 5.00 0.00	76.20 4.66 0.00	65.95 3.76 0.00	58.52 3.33 0.00	63.18 3.72 0.00	64.10 3.80 0.00	75.58 4.84 0.00	81.63 5.27 0.00	84.21 5.38 0.00	97.75 6.35 0.00	80.53 5.40 0.00	89.53 6.38 0.00	91.58 6.75 0.00	109.27 8.19 0.00	147.39 10.72 0.00	130.31 8.73 0.00	333.30 21.70 0.00	500.39 35.50 0.00	388.36 32.03 0.00	600.01 51.09 0.00	320.03 28.44 0.00	119.89 9.58 0.00	121.20 8.73 -2.09	73.13 4.21 0.00
MONGAUP___HYD 23641	77.41 5.17 0.00	75.92 4.38 0.00	65.82 3.63 0.00	58.46 3.26 0.00	62.87 3.41 0.00	63.84 3.54 0.00	74.80 4.05 0.00	80.94 4.58 0.00	83.53 4.70 0.00	97.55 6.15 0.00	81.11 5.98 0.00	90.17 7.02 0.00	91.83 6.99 0.00	116.20 8.82 -6.29	315.70 11.72 -167.31	475.00 10.77 -342.65	695.53 30.30 -353.63	859.37 46.84 -347.63	431.09 37.95 -36.81	608.83 59.29 -0.62	322.40 30.80 0.00	121.17 10.86 0.00	120.86 10.07 -0.40	73.95 5.03 0.00
MONTAUK___DIESEL 23721	88.01 8.62 -7.15	80.82 7.38 -1.90	76.15 5.88 -8.07	63.99 4.62 -4.18	68.67 4.99 -4.23	68.56 6.38 -1.88	79.01 7.82 -0.44	85.22 8.21 -0.65	88.83 9.55 -0.45	101.21 11.77 1.96	95.79 12.25 -8.41	156.57 15.34 -58.08	227.72 15.73 -127.15	240.59 18.55 -120.95	388.03 24.79 -226.57	620.96 22.10 -477.27	835.85 51.11 -473.15	1039.72 84.45 -490.38	539.36 68.70 -114.33	706.90 105.82 -52.16	392.04 52.09 -48.36	241.38 18.51 -112.57	184.82 15.35 -59.09	86.01 7.56 -9.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	74.80 2.56 0.00	72.21 0.67 0.00	62.51 0.31 0.00	54.83 -0.36 0.00	58.30 -1.16 0.00	59.81 -0.49 0.00	70.07 -0.68 0.00	76.22 -0.14 0.00	80.47 1.64 0.00	93.45 2.05 0.00	77.97 2.84 0.00	86.69 3.54 0.00	86.35 1.52 0.00	102.99 1.90 0.00	140.23 3.56 0.00	125.36 3.78 0.00	322.77 11.17 0.00	486.35 21.46 0.00	369.72 13.39 0.00	568.25 19.33 0.00	300.78 9.18 0.00	111.93 1.63 0.00	112.02 1.64 0.00	70.16 1.24 0.00

MORRIS_RIDGE___SOLAR 323848	72.87 0.62 0.00	71.17 -0.37 0.00	61.77 -0.42 0.00	54.47 -0.72 0.00	58.26 -1.20 0.00	59.52 -0.78 0.00	69.42 -1.33 0.00	74.69 -1.66 0.00	78.01 -0.82 0.00	90.40 -1.00 0.00	75.21 0.07 0.00	84.24 1.09 0.00	84.87 0.04 0.00	99.87 -1.22 0.00	136.49 -0.18 0.00	121.74 0.16 0.00	310.72 -0.87 0.00	465.41 0.51 0.00	358.02 1.69 0.00	553.81 4.89 0.00	294.00 2.41 0.00	109.93 -0.38 0.00	110.97 -0.07 -0.65	69.52 0.15 -0.44
MORTIMER_115KV_TB3 55949	74.25 2.01 0.00	72.53 0.99 0.00	62.89 0.69 0.00	55.09 -0.11 0.00	58.86 -0.59 0.00	60.02 -0.28 0.00	70.17 -0.58 0.00	75.95 -0.40 0.00	79.61 0.78 0.00	92.37 0.97 0.00	76.52 1.39 0.00	84.97 1.82 0.00	85.45 0.62 0.00	101.66 0.57 0.00	138.10 1.43 0.00	123.18 1.59 0.00	314.90 3.31 0.00	471.66 6.77 0.00	359.56 3.23 0.00	552.98 4.06 0.00	293.59 1.99 0.00	109.75 -0.56 0.00	110.39 0.01 0.00	69.26 0.33 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	77.24 5.00 0.00	75.78 4.23 0.00	65.85 3.65 0.00	58.67 3.48 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.97 4.22 0.00	81.35 4.99 0.00	84.48 5.65 0.00	99.62 8.23 0.00	83.36 8.22 0.00	92.80 9.65 0.00	95.33 10.50 0.00	122.13 13.05 -7.99	366.32 17.01 -212.64	572.35 15.29 -435.47	800.75 39.73 -449.43	964.43 57.74 -441.80	446.34 43.23 -46.78	614.17 64.46 -0.79	324.58 32.98 0.00	121.75 11.44 0.00	120.16 9.27 -0.51	73.51 4.59 0.00
MUNSVILLE_WIND_PWR 323609	78.27 6.03 0.00	76.62 5.09 0.00	66.42 4.23 0.00	59.20 4.01 0.00	63.65 4.19 0.00	64.95 4.65 0.00	76.72 5.97 0.00	83.19 6.84 0.00	85.93 7.11 0.00	98.41 7.02 0.00	81.37 6.23 0.00	90.35 7.20 0.00	92.11 7.28 0.00	110.49 9.40 0.00	149.02 12.35 0.00	132.87 11.29 0.00	341.79 30.20 0.00	511.71 46.82 0.00	397.15 40.81 0.00	614.90 65.98 0.00	327.65 36.06 0.00	122.89 12.58 0.00	122.72 10.85 -1.49	76.22 6.28 -1.02
N SALMON___HYD 24042	71.59 -0.65 0.00	70.97 -0.57 0.00	61.69 -0.51 0.00	54.89 -0.30 0.00	59.27 -0.19 0.00	59.97 -0.33 0.00	70.53 -0.21 0.00	75.99 -0.37 0.00	78.66 -0.17 0.00	90.16 -1.23 0.00	72.62 -2.52 0.00	79.66 -3.49 0.00	80.98 -3.85 0.00	95.67 -5.42 0.00	129.50 -7.17 0.00	115.49 -6.09 0.00	297.81 -13.78 0.00	442.42 -22.48 0.00	341.87 -14.46 0.00	530.07 -18.85 0.00	282.31 -9.29 0.00	107.67 -2.63 0.00	108.66 -1.73 0.00	68.07 -0.86 0.00
N.AKRON__115KV_KNAPP 355671	73.79 1.54 0.00	71.83 0.28 0.00	62.51 0.31 0.00	54.43 -0.76 0.00	57.97 -1.48 0.00	59.22 -1.08 0.00	68.94 -1.81 0.00	74.41 -1.95 0.00	78.56 -0.27 0.00	91.00 -0.39 0.00	75.58 0.44 0.00	83.76 0.61 0.00	83.27 -1.56 0.00	98.43 -2.66 0.00	133.54 -3.13 0.00	119.32 -2.26 0.00	306.44 -5.15 0.00	462.28 -2.61 0.00	350.94 -5.39 0.00	540.76 -8.16 0.00	286.79 -4.80 0.00	106.64 -3.67 0.00	108.61 -1.77 0.00	68.74 -0.18 0.00
N.E_GEN_SANDY PD 24062	72.16 2.94 3.02	75.85 2.69 -1.62	64.37 2.18 0.00	57.27 2.08 0.00	61.84 2.38 0.00	62.67 2.41 0.04	73.39 2.64 0.00	79.43 3.07 0.00	81.38 3.24 0.69	98.54 4.60 -2.55	79.66 4.53 0.00	88.54 5.39 0.00	90.76 5.93 0.00	113.46 7.42 -4.95	206.51 9.48 -60.36	335.10 7.32 -206.21	608.21 18.30 -278.32	743.32 27.50 -250.93	407.27 21.96 -28.97	583.13 33.72 -0.49	310.10 18.50 0.00	116.85 6.54 0.00	118.72 5.81 -2.53	69.96 2.54 1.50
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	76.86 4.62 0.00	75.33 3.78 0.00	65.36 3.17 0.00	58.15 2.96 0.00	62.57 3.11 0.00	63.50 3.20 0.00	74.32 3.57 0.00	80.61 4.25 0.00	83.66 4.83 0.00	98.67 7.28 0.00	82.65 7.52 0.00	92.08 8.93 0.00	94.53 9.69 0.00	120.53 12.12 -7.32	347.66 16.08 -194.91	535.25 14.51 -399.16	761.67 38.12 -411.96	926.31 56.45 -404.96	441.55 42.34 -42.88	612.68 63.04 -0.73	323.83 32.24 0.00	121.46 11.15 0.00	119.94 9.10 -0.47	73.31 4.39 0.00
N.QUEENS_27_KV_LOAD 356247	77.73 5.49 0.00	76.25 4.70 0.00	66.33 4.14 0.00	59.12 3.93 0.00	63.59 4.14 0.00	64.69 4.39 0.00	75.60 4.85 0.00	81.96 5.60 0.00	85.14 6.31 0.00	100.93 9.28 -0.26	84.18 9.02 -0.03	93.84 10.06 -0.63	97.07 10.91 -1.33	124.87 13.53 -10.25	370.95 17.56 -216.72	581.67 15.97 -444.11	807.25 40.93 -454.73	974.83 59.84 -450.09	454.58 45.58 -52.67	621.08 68.48 -3.68	329.18 35.29 -2.29	123.09 12.15 -0.64	120.87 9.98 -0.51	74.04 5.12 0.00
N.TROY___115KV_TB1 355778	74.90 2.66 0.00	74.07 2.52 0.00	64.28 2.09 0.00	57.14 1.95 0.00	61.70 2.25 0.00	62.61 2.31 0.00	73.38 2.64 0.00	79.34 2.98 0.00	81.85 3.03 0.00	95.21 3.81 0.00	78.67 3.54 0.00	87.35 4.20 0.00	89.42 4.59 0.00	107.37 5.69 -0.59	159.56 7.29 -15.60	159.05 5.54 -31.94	358.43 13.87 -32.96	519.20 21.91 -32.40	378.48 18.71 -3.43	578.25 29.28 -0.06	308.00 16.40 0.00	116.02 5.72 0.00	119.20 5.23 -3.60	71.25 2.33 0.00
NARROWS_GT1_1 24228	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_2 24229	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_3 24230	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_4 24231	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_5 24232	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00

NARROWS_GT1_6 24233	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_7 24234	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT1_8 24235	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	99.98 8.42 -0.16	91.14 8.42 -7.59	98.91 9.66 -6.10	98.99 10.66 -3.49	129.84 13.14 -15.60	378.13 17.15 -224.31	572.75 15.14 -436.03	796.60 40.03 -444.98	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_1 24236	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_2 24237	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_3 24238	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_4 24239	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_5 24240	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_6 24241	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_7 24242	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NARROWS_GT2_8 24243	77.47 5.23 0.00	75.86 4.32 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.07 4.71 0.00	84.32 5.49 0.00	133.32 8.42 -33.50	135.32 8.42 -51.77	134.51 9.66 -41.70	119.37 10.66 -23.87	174.29 13.14 -60.06	446.35 17.15 -292.53	773.41 15.14 -636.68	854.67 40.03 -503.04	964.42 57.74 -441.78	446.76 43.64 -46.78	614.69 64.98 -0.79	325.25 33.65 0.00	121.78 11.48 0.00	120.21 9.32 -0.51	73.71 4.79 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	74.87 2.63 0.00	74.03 2.49 0.00	64.36 2.16 0.00	57.10 1.90 0.00	61.55 2.10 0.00	62.50 2.20 0.00	73.19 2.44 0.00	79.02 2.67 0.00	81.15 2.32 0.00	94.01 2.61 0.00	46.95 2.51 30.69	85.98 2.83 0.00	87.96 3.13 0.00	106.20 3.98 -1.13	172.02 5.27 -30.08	188.19 5.01 -61.60	386.95 11.79 -63.57	547.09 19.70 -62.49	381.59 18.64 -6.62	578.72 29.69 -0.11	308.50 16.91 0.00	116.20 5.89 0.00	110.46 4.92 4.84	71.26 2.33 0.00
NCHELSEA_115KV_TR2 355582	77.41 5.17 0.00	75.95 4.41 0.00	65.87 3.67 0.00	58.53 3.33 0.00	62.99 3.53 0.00	63.92 3.62 0.00	74.88 4.13 0.00	81.29 4.93 0.00	84.29 5.47 0.00	99.14 7.75 0.00	82.86 7.73 0.00	92.33 9.18 0.00	94.80 9.97 0.00	120.50 12.32 -7.09	341.71 16.42 -188.62	522.54 14.67 -386.29	748.59 38.32 -398.68	914.05 57.25 -391.91	441.03 43.20 -41.50	614.17 64.55 -0.70	325.23 33.64 0.00	122.23 11.92 0.00	120.98 10.20 -0.40	74.12 5.19 0.00
NEG CAPITAL___MECHNVIL 23645	76.65 4.41 0.00	75.66 4.11 0.00	65.62 3.43 0.00	58.24 3.05 0.00	62.87 3.42 0.00	63.81 3.51 0.00	74.98 4.23 0.00	81.02 4.67 0.00	83.60 4.77 0.00	97.13 5.74 0.00	80.26 5.13 0.00	89.18 6.03 0.00	91.18 6.35 0.00	109.27 7.79 -0.39	157.27 10.25 -10.35	151.17 8.39 -21.20	355.10 21.63 -21.88	520.96 34.56 -21.50	387.85 29.24 -2.28	594.63 45.67 -0.04	316.39 24.80 0.00	118.88 8.57 0.00	120.75 7.81 -2.56	72.77 3.84 0.00
NEG CENTRAL_HIGH_ACRES 23767	72.95 0.70 0.00	71.34 -0.20 0.00	61.84 -0.35 0.00	54.28 -0.91 0.00	58.07 -1.38 0.00	59.20 -1.10 0.00	69.26 -1.49 0.00	75.00 -1.36 0.00	78.44 -0.38 0.00	90.93 -0.47 0.00	75.35 0.22 0.00	83.70 0.55 0.00	84.48 -0.35 0.00	100.54 -0.55 0.00	136.75 0.08 0.00	121.85 0.27 0.00	311.03 -0.57 0.00	466.23 1.34 0.00	355.93 -0.40 0.00	547.14 -1.78 0.00	290.15 -1.45 0.00	108.64 -1.66 0.00	108.95 -1.43 0.00	68.19 -0.74 0.00

NEG CENTRAL___DRP 24199	73.63 1.38 0.00	72.11 0.57 0.00	62.45 0.25 0.00	55.19 0.00 0.00	59.18 -0.27 0.00	60.32 0.02 0.00	70.73 -0.02 0.00	76.56 0.20 0.00	79.39 0.56 0.00	92.07 0.67 0.00	76.30 1.17 0.00	84.79 1.64 0.00	86.14 1.30 0.00	102.56 1.48 0.00	139.60 2.93 0.00	124.38 2.79 0.00	317.16 5.57 0.00	474.20 9.30 0.00	363.50 7.16 0.00	559.71 10.79 0.00	297.50 5.91 0.00	111.86 1.54 0.00	113.84 1.16 -2.29	71.15 0.66 -1.57
NEG CENTRAL___INDECK 23768	74.82 2.58 0.00	72.83 1.29 0.00	63.12 0.92 0.00	55.46 0.26 0.00	59.31 -0.15 0.00	60.61 0.32 0.00	70.98 0.24 0.00	76.45 0.09 0.00	79.59 0.77 0.00	91.75 0.35 0.00	76.14 1.01 0.00	84.78 1.63 0.00	83.95 -0.88 0.00	97.47 -3.61 0.00	134.12 -2.55 0.00	119.87 -1.71 0.00	305.40 -6.19 0.00	458.81 -6.08 0.00	355.28 -1.06 0.00	551.98 3.06 0.00	293.41 1.82 0.00	109.32 -0.99 0.00	113.79 3.41 0.00	70.52 1.60 0.00
NEG CENTRAL___SENECA 23627	73.82 1.58 0.00	72.17 0.62 0.00	62.49 0.30 0.00	55.18 -0.01 0.00	59.13 -0.33 0.00	60.31 0.01 0.00	70.72 -0.03 0.00	76.54 0.18 0.00	79.54 0.71 0.00	92.17 0.78 0.00	76.50 1.36 0.00	85.07 1.92 0.00	86.35 1.52 0.00	102.71 1.62 0.00	140.16 3.49 0.00	124.90 3.32 0.00	318.61 7.01 0.00	476.79 11.89 0.00	365.69 9.35 0.00	563.36 14.45 0.00	299.08 7.49 0.00	112.18 1.87 0.00	113.03 1.37 -1.27	70.56 0.76 -0.87
NEG CENTRAL___STATE_STREET 24147	73.76 1.52 0.00	72.56 1.02 0.00	62.71 0.52 0.00	55.48 0.29 0.00	59.68 0.23 0.00	60.80 0.50 0.00	71.11 0.36 0.00	77.11 0.75 0.00	79.74 0.91 0.00	92.32 0.92 0.00	76.31 1.17 0.00	84.74 1.59 0.00	86.11 1.27 0.00	102.55 1.47 0.00	139.10 2.43 0.00	124.16 2.58 0.00	316.13 4.54 0.00	472.22 7.33 0.00	361.79 5.46 0.00	557.97 9.05 0.00	297.27 5.67 0.00	112.11 1.80 0.00	115.11 1.72 -3.01	72.04 1.06 -2.06
NEG MILLWOOD___DRP 24198	77.85 5.61 0.00	76.36 4.82 0.00	66.21 4.01 0.00	58.85 3.66 0.00	63.33 3.87 0.00	64.28 3.98 0.00	75.30 4.55 0.00	81.76 5.40 0.00	84.88 6.06 0.00	99.92 8.52 0.00	83.57 8.44 0.00	93.19 10.04 0.00	95.78 10.95 0.00	122.36 13.59 -7.69	359.28 18.05 -204.57	556.73 16.19 -418.95	786.02 42.04 -432.39	952.59 62.65 -425.04	448.22 46.88 -45.01	619.44 69.76 -0.76	327.61 36.01 0.00	122.92 12.61 0.00	121.54 10.70 -0.46	74.30 5.38 0.00
NEG NORTH_FLCN_SEA 23793	70.49 -1.75 0.00	69.76 -1.78 0.00	60.58 -1.61 0.00	53.94 -1.25 0.00	58.16 -1.30 0.00	58.83 -1.47 0.00	68.82 -1.93 0.00	74.18 -2.18 0.00	76.56 -2.26 0.00	88.52 -2.87 0.00	71.30 -3.83 0.00	78.45 -4.71 0.00	80.01 -4.82 0.00	94.61 -6.48 0.00	127.92 -8.74 0.00	113.65 -7.93 0.00	293.14 -18.45 0.00	436.31 -28.59 0.00	336.73 -19.60 0.00	521.57 -27.35 0.00	277.06 -14.54 0.00	106.47 -3.84 0.00	107.23 -3.15 0.00	66.55 -2.37 0.00
NEG NORTH_KES_CHATEGAY 23792	70.62 -1.63 0.00	70.19 -1.36 0.00	60.95 -1.25 0.00	54.26 -0.93 0.00	58.61 -0.84 0.00	59.31 -0.99 0.00	69.69 -1.06 0.00	75.01 -1.35 0.00	77.53 -1.29 0.00	89.35 -2.04 0.00	72.03 -3.10 0.00	79.26 -3.90 0.00	80.77 -4.06 0.00	95.62 -5.47 0.00	129.37 -7.30 0.00	115.28 -6.30 0.00	296.62 -14.97 0.00	441.18 -23.71 0.00	339.55 -16.78 0.00	525.91 -23.01 0.00	280.00 -11.60 0.00	106.81 -3.50 0.00	107.82 -2.56 0.00	67.52 -1.41 0.00
NEG NORTH___ALICE_FALLS 23915	71.23 -1.01 0.00	70.50 -1.04 0.00	61.20 -1.00 0.00	54.48 -0.71 0.00	58.82 -0.63 0.00	59.53 -0.77 0.00	69.78 -0.97 0.00	75.19 -1.17 0.00	77.51 -1.32 0.00	89.66 -1.73 0.00	72.20 -2.94 0.00	79.42 -3.73 0.00	80.95 -3.88 0.00	95.65 -5.44 0.00	129.51 -7.16 0.00	115.11 -6.47 0.00	296.89 -14.70 0.00	441.74 -23.16 0.00	341.91 -14.42 0.00	529.39 -19.53 0.00	281.47 -10.12 0.00	107.73 -2.58 0.00	108.47 -1.92 0.00	67.48 -1.44 0.00
NEG NORTH___LWR_SARANAC 23913	71.23 -1.01 0.00	70.50 -1.04 0.00	61.20 -1.00 0.00	54.48 -0.71 0.00	58.82 -0.63 0.00	59.53 -0.77 0.00	69.78 -0.97 0.00	75.19 -1.17 0.00	77.51 -1.32 0.00	89.66 -1.73 0.00	72.20 -2.94 0.00	79.42 -3.73 0.00	80.95 -3.88 0.00	95.65 -5.44 0.00	129.51 -7.16 0.00	115.11 -6.47 0.00	296.89 -14.70 0.00	441.74 -23.16 0.00	341.91 -14.42 0.00	529.39 -19.53 0.00	281.47 -10.12 0.00	107.73 -2.58 0.00	108.47 -1.92 0.00	67.48 -1.44 0.00
NEG NORTH___PLATTSBURG 23628	71.23 -1.01 0.00	70.50 -1.04 0.00	61.20 -1.00 0.00	54.48 -0.71 0.00	58.82 -0.63 0.00	59.52 -0.78 0.00	69.78 -0.97 0.00	75.19 -1.17 0.00	77.50 -1.32 0.00	89.66 -1.73 0.00	72.20 -2.94 0.00	79.41 -3.74 0.00	80.95 -3.88 0.00	95.64 -5.44 0.00	129.51 -7.16 0.00	115.11 -6.47 0.00	296.92 -14.67 0.00	441.72 -23.18 0.00	341.91 -14.43 0.00	529.34 -19.57 0.00	281.50 -10.10 0.00	107.74 -2.57 0.00	108.47 -1.92 0.00	67.48 -1.44 0.00
NEG WEST_LEA_LOCKPORT 23791	71.91 -0.33 0.00	70.04 -1.50 0.00	61.02 -1.18 0.00	53.10 -2.09 0.00	56.51 -2.94 0.00	57.71 -2.59 0.00	67.10 -3.65 0.00	72.36 -4.00 0.00	76.58 -2.25 0.00	88.58 -2.81 0.00	73.66 -1.47 0.00	81.84 -1.31 0.00	81.30 -3.53 0.00	96.06 -5.03 0.00	130.60 -6.07 0.00	116.73 -4.85 0.00	299.68 -11.91 0.00	450.44 -14.45 0.00	341.87 -14.46 0.00	526.35 -22.57 0.00	279.05 -12.54 0.00	103.65 -6.66 0.00	105.47 -4.91 0.00	66.96 -1.96 0.00
NEG WEST___LANCASTR 23811	72.41 0.17 0.00	70.46 -1.08 0.00	61.04 -1.16 0.00	53.49 -1.70 0.00	57.02 -2.44 0.00	58.21 -2.09 0.00	67.95 -2.80 0.00	73.65 -2.71 0.00	77.76 -1.07 0.00	90.07 -1.32 0.00	74.77 -0.36 0.00	83.23 0.08 0.00	83.10 -1.73 0.00	98.93 -2.16 0.00	135.04 -1.64 0.00	120.41 -1.17 0.00	309.39 -2.20 0.00	464.74 -0.16 0.00	353.14 -3.19 0.00	542.41 -6.51 0.00	286.43 -5.17 0.00	106.63 -3.68 0.00	107.39 -2.99 0.00	67.60 -1.32 0.00
NEG_PENN_ALLEGHNY 23528	73.73 1.49 0.00	72.38 0.83 0.00	62.78 0.58 0.00	55.71 0.52 0.00	59.76 0.31 0.00	60.86 0.56 0.00	71.39 0.64 0.00	77.27 0.92 0.00	80.14 1.32 0.00	93.11 1.71 0.00	77.24 2.11 0.00	85.98 2.83 0.00	87.43 2.60 0.00	104.47 3.38 0.00	141.90 5.23 0.00	126.26 4.68 0.00	323.47 11.88 0.00	482.82 17.92 0.00	369.01 12.67 0.00	567.25 18.33 0.00	301.18 9.59 0.00	113.37 3.06 0.00	114.08 2.28 -1.43	71.11 1.21 -0.98
NEG___GEN_MONROE 24207	75.04 2.80 0.00	73.12 1.58 0.00	63.40 1.20 0.00	55.47 0.28 0.00	59.24 -0.21 0.00	60.42 0.12 0.00	70.62 -0.13 0.00	76.39 0.04 0.00	80.09 1.26 0.00	92.92 1.53 0.00	76.96 1.83 0.00	85.39 2.24 0.00	85.74 0.91 0.00	101.93 0.85 0.00	138.29 1.62 0.00	123.33 1.75 0.00	315.57 3.98 0.00	473.80 8.91 0.00	361.31 4.97 0.00	556.27 7.35 0.00	295.58 3.98 0.00	110.45 0.14 0.00	111.34 0.96 0.00	69.85 0.92 0.00
NEPA___ENERGY 23901	73.38 1.14 0.00	71.13 -0.41 0.00	61.44 -0.75 0.00	54.24 -0.95 0.00	57.77 -1.69 0.00	59.07 -1.23 0.00	69.06 -1.69 0.00	74.89 -1.47 0.00	78.85 0.02 0.00	91.53 0.13 0.00	76.32 1.19 0.00	85.19 2.04 0.00	85.21 0.37 0.00	101.72 0.63 0.00	139.24 2.57 0.00	124.13 2.55 0.00	319.26 7.67 0.00	478.61 13.72 0.00	362.93 6.59 0.00	557.14 8.22 0.00	295.02 3.43 0.00	110.10 -0.20 0.00	109.98 -0.40 0.00	68.98 0.05 0.00

NEVERSINK___HYD 23608	75.60 3.36 0.00	74.21 2.66 0.00	64.36 2.16 0.00	57.19 1.99 0.00	61.52 2.06 0.00	62.44 2.14 0.00	73.23 2.49 0.00	80.15 3.80 0.00	82.46 3.63 0.00	96.43 5.03 0.00	77.68 4.88 2.33	86.92 3.77 0.00	89.25 4.41 0.00	111.87 5.88 -4.89	274.68 7.76 -130.25	395.47 7.14 -266.75	607.82 20.92 -275.30	779.81 44.29 -270.63	418.85 33.86 -28.65	600.50 51.09 -0.49	317.74 26.15 0.00	119.30 8.99 0.00	117.63 7.25 0.00	72.34 3.42 0.00
NEWKRMKL_115KV_TB1 55635	73.66 1.42 0.00	72.88 1.34 0.00	63.41 1.22 0.00	56.36 1.17 0.00	60.74 1.28 0.00	61.66 1.36 0.00	72.14 1.39 0.00	77.97 1.62 0.00	80.45 1.62 0.00	93.70 2.30 0.00	77.57 2.44 0.00	86.14 2.99 0.00	88.18 3.34 0.00	105.28 4.20 0.00	142.03 5.36 0.00	126.05 4.47 0.00	322.12 10.53 0.00	481.05 16.16 0.00	369.48 13.14 0.00	568.68 19.76 0.00	302.28 10.68 0.00	113.85 3.54 0.00	111.81 2.88 1.45	69.99 1.07 0.00
NEWTON___FALLS_HYD 23847	72.74 0.50 0.00	72.34 0.79 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.10 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.24 -7.43 0.00	115.24 -6.34 0.00	295.98 -15.62 0.00	441.75 -23.15 0.00	339.93 -16.41 0.00	532.03 -16.88 0.00	285.62 -5.97 0.00	109.62 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
NGRID_A1_DSASP 323792	71.32 -0.92 0.00	69.59 -1.95 0.00	60.53 -1.66 0.00	52.62 -2.57 0.00	55.97 -3.48 0.00	57.13 -3.17 0.00	66.39 -4.36 0.00	71.78 -4.57 0.00	76.09 -2.74 0.00	87.75 -3.65 0.00	72.48 -2.66 0.00	80.61 -2.54 0.00	80.07 -4.76 0.00	94.99 -6.10 0.00	129.35 -7.32 0.00	115.49 -6.09 0.00	296.11 -15.48 0.00	445.96 -18.93 0.00	338.11 -18.23 0.00	519.04 -29.88 0.00	274.33 -17.27 0.00	101.79 -8.52 0.00	103.83 -6.55 0.00	66.19 -2.73 0.00
NGRID_A2_DSASP 323793	71.32 -0.92 0.00	69.59 -1.95 0.00	60.53 -1.66 0.00	52.62 -2.57 0.00	55.97 -3.48 0.00	57.13 -3.17 0.00	66.39 -4.36 0.00	71.78 -4.57 0.00	76.09 -2.74 0.00	87.75 -3.65 0.00	72.48 -2.66 0.00	80.61 -2.54 0.00	80.07 -4.76 0.00	94.99 -6.10 0.00	129.35 -7.32 0.00	115.49 -6.09 0.00	296.11 -15.48 0.00	445.96 -18.93 0.00	338.11 -18.23 0.00	519.04 -29.88 0.00	274.33 -17.27 0.00	101.79 -8.52 0.00	103.83 -6.55 0.00	66.19 -2.73 0.00
NGRID_A4_DSASP 323807	71.32 -0.92 0.00	69.59 -1.95 0.00	60.53 -1.66 0.00	52.62 -2.57 0.00	55.97 -3.48 0.00	57.13 -3.17 0.00	66.39 -4.36 0.00	71.78 -4.57 0.00	76.09 -2.74 0.00	87.75 -3.65 0.00	72.48 -2.66 0.00	80.61 -2.54 0.00	80.07 -4.76 0.00	94.99 -6.10 0.00	129.35 -7.32 0.00	115.49 -6.09 0.00	296.11 -15.48 0.00	445.96 -18.93 0.00	338.11 -18.23 0.00	519.04 -29.88 0.00	274.33 -17.27 0.00	101.79 -8.52 0.00	103.83 -6.55 0.00	66.19 -2.73 0.00
NIAGARA_115E_LBMP 323715	71.20 -1.04 0.00	69.41 -2.13 0.00	60.62 -1.57 0.00	52.76 -2.43 0.00	56.16 -3.30 0.00	57.34 -2.96 0.00	66.55 -4.19 0.00	71.61 -4.75 0.00	75.82 -3.00 0.00	87.69 -3.70 0.00	73.14 -2.00 0.00	81.38 -1.77 0.00	80.80 -4.03 0.00	95.33 -5.76 0.00	129.64 -7.03 0.00	115.91 -5.67 0.00	297.34 -14.25 0.00	447.97 -16.92 0.00	339.52 -16.81 0.00	521.51 -27.41 0.00	275.68 -15.91 0.00	102.31 -8.00 0.00	104.38 -6.00 0.00	66.42 -2.50 0.00
NIAGARA_115W_LBMP 323714	71.20 -1.04 0.00	69.46 -2.08 0.00	60.42 -1.77 0.00	52.52 -2.67 0.00	55.88 -3.57 0.00	57.03 -3.27 0.00	66.27 -4.48 0.00	71.66 -4.70 0.00	75.94 -2.88 0.00	87.57 -3.82 0.00	72.31 -2.82 0.00	80.44 -2.71 0.00	79.88 -4.96 0.00	94.76 -6.33 0.00	129.07 -7.60 0.00	115.23 -6.35 0.00	295.32 -16.28 0.00	444.89 -20.01 0.00	337.29 -19.04 0.00	517.81 -31.11 0.00	273.71 -17.88 0.00	101.55 -8.76 0.00	103.61 -6.77 0.00	66.08 -2.85 0.00
NIAGARA_230_LBMP 323716	71.83 -0.41 0.00	70.00 -1.54 0.00	60.90 -1.30 0.00	53.00 -2.19 0.00	56.42 -3.04 0.00	57.58 -2.72 0.00	66.97 -3.78 0.00	72.38 -3.98 0.00	76.62 -2.20 0.00	88.58 -2.82 0.00	73.45 -1.68 0.00	81.69 -1.47 0.00	81.31 -3.53 0.00	96.43 -4.66 0.00	131.46 -5.21 0.00	117.21 -4.37 0.00	300.14 -11.45 0.00	451.80 -13.10 0.00	342.83 -13.51 0.00	526.50 -22.42 0.00	278.41 -13.19 0.00	103.55 -6.76 0.00	105.19 -5.19 0.00	66.70 -2.23 0.00
NIAGARA___115KV_198_GIBSON 55903	71.21 -1.03 0.00	69.45 -2.09 0.00	60.42 -1.77 0.00	52.52 -2.67 0.00	55.88 -3.57 0.00	57.03 -3.26 0.00	66.26 -4.49 0.00	71.65 -4.70 0.00	75.92 -2.90 0.00	87.57 -3.83 0.00	72.28 -2.85 0.00	80.42 -2.73 0.00	79.82 -5.02 0.00	94.72 -6.37 0.00	128.78 -7.89 0.00	114.96 -6.62 0.00	295.08 -16.51 0.00	443.28 -21.61 0.00	336.09 -20.25 0.00	516.70 -32.22 0.00	273.79 -17.80 0.00	101.55 -8.76 0.00	103.55 -6.83 0.00	66.07 -2.85 0.00
NIAGARA____ 23760	71.83 -0.41 0.00	70.00 -1.54 0.00	60.90 -1.30 0.00	53.00 -2.19 0.00	56.42 -3.04 0.00	57.58 -2.72 0.00	66.97 -3.78 0.00	72.38 -3.98 0.00	76.62 -2.20 0.00	88.58 -2.82 0.00	73.45 -1.68 0.00	81.69 -1.47 0.00	81.31 -3.53 0.00	96.43 -4.66 0.00	131.46 -5.21 0.00	117.21 -4.37 0.00	300.14 -11.45 0.00	451.80 -13.10 0.00	342.83 -13.51 0.00	526.50 -22.42 0.00	278.41 -13.19 0.00	103.55 -6.76 0.00	105.19 -5.19 0.00	66.70 -2.23 0.00
NINE_MILE_1 23575	70.57 -1.68 0.00	69.55 -1.99 0.00	60.43 -1.76 0.00	53.54 -1.65 0.00	57.49 -1.97 0.00	58.51 -1.79 0.00	68.61 -2.14 0.00	74.17 -2.19 0.00	76.61 -2.22 0.00	88.79 -2.60 0.00	73.23 -1.90 0.00	81.16 -1.99 0.00	82.62 -2.21 0.00	98.50 -2.58 0.00	133.47 -3.20 0.00	118.82 -2.77 0.00	303.60 -8.00 0.00	452.75 -12.15 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.55 -8.05 0.00	107.22 -3.09 0.00	86.88 -3.13 20.37	53.16 -1.81 13.95
NINE_MILE_2 23744	70.57 -1.68 0.00	69.55 -1.99 0.00	60.43 -1.76 0.00	53.54 -1.65 0.00	57.49 -1.97 0.00	58.51 -1.79 0.00	68.61 -2.14 0.00	74.17 -2.19 0.00	76.61 -2.22 0.00	88.79 -2.60 0.00	73.23 -1.90 0.00	81.16 -1.99 0.00	82.62 -2.21 0.00	98.50 -2.58 0.00	133.47 -3.20 0.00	118.82 -2.77 0.00	303.60 -8.00 0.00	452.75 -12.15 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.55 -8.05 0.00	107.22 -3.09 0.00	86.58 -3.13 20.68	52.95 -1.81 14.16
NM_CAPITAL___DRP 24208	73.74 1.49 0.00	72.97 1.42 0.00	63.45 1.26 0.00	56.40 1.20 0.00	60.83 1.37 0.00	61.72 1.43 0.00	72.24 1.49 0.00	78.07 1.71 0.00	80.54 1.72 0.00	93.81 2.42 0.00	77.68 2.55 0.00	86.24 3.09 0.00	88.28 3.44 0.00	105.79 4.33 -0.37	152.05 5.48 -9.90	146.23 4.38 -20.27	342.98 10.46 -20.92	501.47 16.00 -20.57	371.85 13.34 -2.18	568.99 20.04 -0.04	302.57 10.97 0.00	114.04 3.73 0.00	115.86 3.07 -2.41	70.09 1.16 0.00
NM_CENTRAL___DRP 24181	72.62 0.38 0.00	71.44 -0.10 0.00	62.01 -0.18 0.00	54.90 -0.30 0.00	58.91 -0.55 0.00	59.96 -0.34 0.00	70.35 -0.40 0.00	76.09 -0.27 0.00	78.67 -0.16 0.00	91.29 -0.10 0.00	75.49 0.36 0.00	83.80 0.65 0.00	85.21 0.38 0.00	101.72 0.63 0.00	137.91 1.24 0.00	122.79 1.21 0.00	313.47 1.88 0.00	467.68 2.78 0.00	357.75 1.41 0.00	550.15 1.23 0.00	292.69 1.09 0.00	110.56 0.25 0.00	112.33 -0.03 -1.98	70.25 -0.03 -1.36

NM_FRONTIER___DRP 24179	71.21 -1.03 0.00	69.45 -2.09 0.00	60.42 -1.77 0.00	52.52 -2.67 0.00	55.88 -3.57 0.00	57.03 -3.26 0.00	66.26 -4.49 0.00	71.65 -4.70 0.00	75.92 -2.90 0.00	87.57 -3.83 0.00	72.28 -2.85 0.00	80.42 -2.73 0.00	79.82 -5.02 0.00	94.72 -6.37 0.00	128.78 -7.89 0.00	114.96 -6.62 0.00	295.08 -16.51 0.00	443.28 -21.61 0.00	336.09 -20.25 0.00	516.70 -32.22 0.00	273.79 -17.80 0.00	101.55 -8.76 0.00	103.55 -6.83 0.00	66.07 -2.85 0.00
NM_ST_REGIS___HYD 24053	71.45 -0.80 0.00	70.80 -0.74 0.00	61.78 -0.42 0.00	54.96 -0.23 0.00	59.36 -0.09 0.00	60.03 -0.27 0.00	70.61 -0.14 0.00	75.93 -0.42 0.00	78.43 -0.39 0.00	89.00 -2.39 0.00	71.42 -3.71 0.00	77.81 -5.34 0.00	78.98 -5.85 0.00	93.35 -7.74 0.00	126.21 -10.46 0.00	112.59 -8.99 0.00	289.38 -22.21 0.00	431.36 -33.54 0.00	333.02 -23.31 0.00	519.09 -29.82 0.00	277.27 -14.33 0.00	106.09 -4.22 0.00	107.65 -2.73 0.00	67.73 -1.20 0.00
NORTHPORT___1 23551	83.29 4.65 -6.40	76.86 3.98 -1.34	73.66 4.04 -7.43	62.50 3.81 -3.50	66.95 3.95 -3.54	66.04 4.17 -1.58	75.66 4.54 -0.37	82.16 5.25 -0.56	84.76 5.58 -0.36	92.97 6.69 5.12	72.84 6.65 8.94	72.69 8.47 18.93	72.52 9.32 21.63	74.26 11.60 38.44	242.33 14.83 -90.83	456.36 13.28 -321.50	744.83 33.87 -399.37	945.30 51.29 -429.12	457.52 38.98 -62.21	640.57 58.89 -32.77	331.23 29.89 -9.75	145.47 10.51 -24.65	95.36 7.72 22.74	63.12 3.45 9.25
NORTHPORT___2 23552	83.29 4.65 -6.40	76.86 3.98 -1.34	73.66 4.04 -7.43	62.50 3.81 -3.50	66.95 3.95 -3.54	66.04 4.17 -1.58	75.66 4.54 -0.37	82.16 5.25 -0.56	84.76 5.58 -0.36	92.97 6.69 5.12	72.84 6.65 8.94	72.69 8.47 18.93	72.52 9.32 21.63	74.26 11.60 38.44	242.33 14.83 -90.83	456.36 13.28 -321.50	744.83 33.87 -399.37	945.30 51.29 -429.12	457.52 38.98 -62.21	640.57 58.89 -32.77	331.23 29.89 -9.75	145.47 10.51 -24.65	95.36 7.72 22.74	63.12 3.45 9.25
NORTHPORT___3 23553	83.22 4.71 -6.26	76.85 4.07 -1.24	73.59 4.08 -7.32	62.37 3.80 -3.38	66.85 3.98 -3.42	65.97 4.15 -1.52	75.65 4.55 -0.35	82.16 5.27 -0.54	84.74 5.56 -0.35	92.84 6.63 5.19	72.63 6.50 9.00	72.19 8.20 19.16	71.96 9.20 22.07	73.24 11.43 39.28	240.98 14.87 -89.44	454.20 13.49 -319.12	744.41 34.99 -397.83	943.37 51.84 -426.63	455.68 39.04 -60.30	641.52 60.47 -32.14	331.41 30.58 -9.24	145.23 10.59 -24.33	95.22 7.64 22.80	63.05 3.49 9.36
NORTHPORT___4 23650	83.22 4.71 -6.26	76.85 4.07 -1.24	73.59 4.08 -7.32	62.37 3.80 -3.38	66.85 3.98 -3.42	65.97 4.15 -1.52	75.65 4.55 -0.35	82.16 5.27 -0.54	84.74 5.56 -0.35	92.84 6.63 5.19	72.63 6.50 9.00	72.19 8.20 19.16	71.96 9.20 22.07	73.24 11.43 39.28	240.98 14.87 -89.44	454.20 13.49 -319.12	744.41 34.99 -397.83	943.37 51.84 -426.63	455.68 39.04 -60.30	641.52 60.47 -32.14	331.41 30.58 -9.24	145.23 10.59 -24.33	95.22 7.64 22.80	63.05 3.49 9.36
NORTHPORT___IC 23718	83.29 4.65 -6.40	76.87 3.98 -1.34	73.66 4.04 -7.43	62.50 3.81 -3.50	66.95 3.95 -3.54	66.04 4.17 -1.58	75.66 4.54 -0.37	82.15 5.24 -0.56	84.78 5.59 -0.36	92.96 6.69 5.12	72.97 6.78 8.94	72.74 8.52 18.93	72.58 9.39 21.63	74.24 11.59 38.44	242.30 14.80 -90.83	456.41 13.33 -321.50	744.86 33.90 -399.37	945.33 51.32 -429.12	457.56 39.02 -62.21	640.61 58.93 -32.77	331.25 29.91 -9.75	145.45 10.49 -24.65	95.39 7.75 22.74	63.13 3.45 9.25
NORTH___COUNTRY_ESR 323785	70.39 -1.85 0.00	69.99 -1.55 0.00	60.80 -1.40 0.00	54.13 -1.06 0.00	58.49 -0.96 0.00	59.19 -1.11 0.00	69.57 -1.18 0.00	74.95 -1.41 0.00	77.49 -1.34 0.00	89.32 -2.08 0.00	72.04 -3.10 0.00	79.24 -3.91 0.00	80.76 -4.07 0.00	95.61 -5.47 0.00	129.35 -7.31 0.00	115.24 -6.34 0.00	296.57 -15.03 0.00	441.12 -23.78 0.00	339.40 -16.93 0.00	525.61 -23.31 0.00	279.18 -12.41 0.00	106.46 -3.85 0.00	107.48 -2.90 0.00	67.33 -1.59 0.00
NPX_GEN_1385_PROXY 323591	82.64 4.00 -6.40	75.92 3.04 -1.34	73.05 3.42 -7.43	62.24 3.55 -3.50	66.89 3.89 -3.54	66.27 4.39 -1.58	75.91 4.80 -0.37	81.99 5.08 -0.56	84.52 5.33 -0.36	92.50 6.22 5.12	72.46 6.41 9.08	72.13 7.91 18.93	71.89 8.69 21.63	73.60 10.95 38.44	241.80 14.30 -90.83	456.20 13.13 -321.50	740.45 29.49 -399.37	469.30 42.63 38.22	451.21 32.67 -62.21	630.91 49.23 -32.77	299.97 24.89 16.52	145.40 10.44 -24.65	94.98 7.35 22.74	62.72 3.04 9.25
NPX_GEN_CSC 323557	85.10 5.73 -7.13	78.17 4.75 -1.88	74.56 4.31 -8.06	63.18 3.82 -4.16	67.53 3.86 -4.21	66.41 4.23 -1.88	76.04 4.86 -0.44	82.71 5.70 -0.65	85.66 6.38 -0.45	97.47 8.04 1.97	84.75 8.01 -1.60	112.28 10.16 -18.96	145.35 11.02 -49.50	180.22 13.62 -65.51	374.60 17.52 -220.41	606.23 15.18 -469.47	820.90 36.30 -473.01	989.59 57.23 -467.45	501.12 44.26 -100.52	661.52 69.35 -43.26	359.40 35.12 -32.69	192.68 12.73 -69.64	136.55 10.04 -16.13	73.98 4.73 -0.34
NSINS_S_GLNS_FALLS 23858	77.13 4.89 0.00	76.09 4.55 0.00	65.87 3.68 0.00	58.43 3.23 0.00	63.07 3.62 0.00	63.99 3.69 0.00	75.43 4.69 0.00	81.48 5.12 0.00	84.08 5.26 0.00	97.65 6.25 0.00	80.37 5.24 0.00	89.36 6.21 0.00	91.43 6.59 0.00	109.08 7.99 0.00	147.12 10.45 0.00	130.07 8.49 0.00	332.75 21.16 0.00	499.58 34.69 0.00	387.92 31.58 0.00	599.14 50.23 0.00	319.37 27.78 0.00	119.70 9.39 0.00	120.93 8.52 -2.03	72.99 4.06 0.00
NUCOR_STEEL___DRP 24197	73.65 1.41 0.00	72.51 0.97 0.00	62.64 0.45 0.00	55.42 0.23 0.00	59.66 0.21 0.00	60.76 0.46 0.00	71.02 0.27 0.00	77.07 0.72 0.00	79.68 0.85 0.00	92.25 0.86 0.00	76.24 1.11 0.00	84.56 1.41 0.00	85.81 0.98 0.00	102.32 1.24 0.00	138.73 2.06 0.00	123.76 2.18 0.00	315.40 3.81 0.00	470.84 5.95 0.00	360.68 4.35 0.00	555.82 6.90 0.00	296.03 4.44 0.00	111.74 1.43 0.00	115.02 1.42 -3.22	72.12 0.99 -2.20
NUMBER_THREE_WT_PWR 323818	74.16 1.91 0.00	74.14 2.60 0.00	64.38 2.19 0.00	57.25 2.06 0.00	61.40 1.95 0.00	62.05 1.75 0.00	73.27 2.52 0.00	79.34 2.99 0.00	81.51 2.68 0.00	93.53 2.13 0.00	76.33 1.20 0.00	83.48 0.33 0.00	84.18 -0.65 0.00	99.61 -1.48 0.00	134.47 -2.20 0.00	120.04 -1.54 0.00	308.30 -3.29 0.00	459.86 -5.04 0.00	353.70 -2.63 0.00	552.90 3.98 0.00	297.24 5.65 0.00	113.78 3.47 0.00	114.42 2.70 -1.34	71.00 1.16 -0.92
NYISO_LBMP_REFERENCE 24008	72.24 0.00 0.00	71.54 0.00 0.00	62.20 0.00 0.00	55.19 0.00 0.00	59.45 0.00 0.00	60.30 0.00 0.00	70.75 0.00 0.00	76.36 0.00 0.00	78.82 0.00 0.00	91.39 0.00 0.00	75.13 0.00 0.00	83.15 0.00 0.00	84.83 0.00 0.00	101.09 0.00 0.00	136.67 0.00 0.00	121.58 0.00 0.00	311.59 0.00 0.00	464.89 0.00 0.00	356.33 0.00 0.00	548.92 0.00 0.00	291.60 0.00 0.00	110.31 0.00 0.00	110.38 0.00 0.00	68.92 0.00 0.00
NYPA_BRENTWD____GT 24164	85.99 5.70 -8.04	78.95 4.85 -2.56	75.78 4.75 -8.84	64.76 4.59 -4.98	69.40 4.90 -5.04	67.69 5.14 -2.25	76.87 5.60 -0.52	83.42 6.29 -0.77	86.24 6.85 -0.56	98.04 8.23 1.58	83.07 8.04 0.10	100.51 10.10 -7.26	121.90 10.97 -26.10	164.36 13.67 -49.61	375.34 17.73 -220.94	613.36 16.10 -475.68	832.86 41.10 -480.17	1030.47 62.34 -503.24	509.74 47.45 -105.95	664.61 71.69 -44.01	357.05 36.41 -29.04	176.75 12.81 -53.64	122.84 9.90 -2.56	71.73 4.71 1.90

NYPA_GOWANUS____GT5 24156	77.44 5.20 0.00	75.85 4.31 0.00	66.01 3.81 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.06 4.71 0.00	84.29 5.46 0.00	99.91 8.36 -0.16	91.12 8.39 -7.59	98.87 9.62 -6.10	98.97 10.64 -3.49	129.79 13.10 -15.60	378.10 17.12 -224.31	572.68 15.08 -436.03	796.60 40.03 -444.98	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.07 33.48 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.69 4.77 0.00
NYPA_GOWANUS____GT6 24157	77.44 5.20 0.00	75.85 4.31 0.00	66.01 3.81 0.00	59.01 3.81 0.00	63.36 3.91 0.00	64.37 4.07 0.00	74.99 4.24 0.00	81.06 4.71 0.00	84.29 5.46 0.00	99.91 8.36 -0.16	91.12 8.39 -7.59	98.87 9.62 -6.10	98.97 10.64 -3.49	129.79 13.10 -15.60	378.10 17.12 -224.31	572.68 15.08 -436.03	796.60 40.03 -444.98	964.39 57.71 -441.78	446.56 43.45 -46.78	614.42 64.70 -0.79	325.07 33.48 0.00	121.73 11.43 0.00	120.19 9.30 -0.51	73.69 4.77 0.00
NYPA_HARLEM__RVR__GT1 24160	77.45 5.20 -0.01	75.96 4.41 -0.01	66.09 3.89 -0.01	58.92 3.72 0.00	63.40 3.95 0.00	64.47 4.17 0.00	75.33 4.58 0.00	81.64 5.28 -0.01	84.81 5.98 -0.01	100.54 8.82 -0.32	83.79 8.65 0.00	92.83 9.68 0.00	95.35 10.52 0.00	122.15 13.07 -7.99	366.29 16.99 -212.63	574.22 15.23 -437.40	801.45 39.62 -450.24	964.29 57.62 -441.78	446.88 43.77 -46.78	615.37 65.66 -0.79	325.41 33.82 0.00	121.89 11.58 0.00	120.31 9.43 -0.51	73.71 4.79 0.00
NYPA_HARLEM__RVR__GT2 24161	77.45 5.20 -0.01	75.96 4.41 -0.01	66.09 3.89 -0.01	58.92 3.72 0.00	63.40 3.95 0.00	64.47 4.17 0.00	75.33 4.58 0.00	81.64 5.28 -0.01	84.81 5.98 -0.01	100.54 8.82 -0.32	83.79 8.65 0.00	92.83 9.68 0.00	95.35 10.52 0.00	122.15 13.07 -7.99	366.29 16.99 -212.63	574.22 15.23 -437.40	801.45 39.62 -450.24	964.29 57.62 -441.78	446.88 43.77 -46.78	615.37 65.66 -0.79	325.41 33.82 0.00	121.89 11.58 0.00	120.31 9.43 -0.51	73.71 4.79 0.00
NYPA_KENT____GT 24152	77.31 5.07 0.00	75.79 4.25 0.00	65.95 3.75 0.00	58.88 3.69 0.00	63.32 3.86 0.00	64.32 4.03 0.00	75.02 4.27 0.00	81.22 4.86 0.00	84.44 5.61 0.00	121.78 8.49 -21.90	117.66 8.45 -34.07	120.34 9.69 -27.50	111.24 10.66 -15.75	156.59 13.18 -42.33	419.12 17.13 -265.32	705.01 15.20 -568.23	836.44 40.06 -484.79	964.57 57.89 -441.78	446.37 43.25 -46.78	614.05 64.34 -0.79	324.80 33.20 0.00	121.66 11.36 0.00	120.03 9.14 -0.51	73.54 4.62 0.00
NYPA_POUCH1____GT 24155	77.45 5.21 0.00	75.71 4.16 0.00	65.87 3.67 0.00	58.91 3.71 0.00	63.16 3.70 0.00	64.14 3.84 0.00	73.68 3.89 0.95	80.75 4.40 0.00	84.08 5.26 0.00	96.13 8.12 3.38	85.34 8.14 -2.07	93.60 9.26 -1.19	96.20 10.33 -1.04	123.21 12.68 -9.44	372.76 16.55 -219.54	550.03 14.54 -413.91	788.80 39.36 -437.85	963.30 56.63 -441.78	446.67 43.56 -46.78	614.97 65.26 -0.79	325.64 34.04 0.00	121.91 11.61 0.00	120.30 9.41 -0.51	73.66 4.73 0.00
NYPA_VERNON____GT2 24162	77.17 4.93 0.00	75.73 4.18 0.00	65.88 3.68 0.00	58.76 3.56 0.00	63.27 3.81 0.00	64.27 3.97 0.00	75.08 4.33 0.00	81.36 5.00 0.00	84.52 5.70 0.00	110.28 8.59 -10.29	100.02 8.50 -16.38	106.29 9.83 -13.30	103.20 10.75 -7.62	138.99 13.31 -24.60	392.07 17.28 -238.12	636.80 15.45 -499.77	818.48 40.35 -466.54	965.15 58.47 -441.78	446.49 43.38 -46.78	614.00 64.29 -0.79	324.64 33.05 0.00	121.64 11.33 0.00	119.96 9.07 -0.51	73.45 4.52 0.00
NYPA_VERNON____GT3 24163	77.17 4.93 0.00	75.73 4.18 0.00	65.88 3.68 0.00	58.76 3.56 0.00	63.27 3.81 0.00	64.27 3.97 0.00	75.08 4.33 0.00	81.36 5.00 0.00	84.52 5.70 0.00	110.28 8.59 -10.29	100.02 8.50 -16.38	106.29 9.83 -13.30	103.20 10.75 -7.62	138.99 13.31 -24.60	392.07 17.28 -238.12	636.80 15.45 -499.77	818.48 40.35 -466.54	965.15 58.47 -441.78	446.49 43.38 -46.78	614.00 64.29 -0.79	324.64 33.05 0.00	121.64 11.33 0.00	119.96 9.07 -0.51	73.45 4.52 0.00
NYPA____ASTORIA_CC1 323568	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.58 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.90 0.00	74.98 4.23 0.00	81.26 4.90 0.00	84.43 5.61 0.00	105.55 8.47 -5.69	92.34 8.42 -8.78	99.94 9.71 -7.08	99.53 10.65 -4.05	131.10 13.18 -16.83	379.91 17.05 -226.20	606.61 15.26 -469.77	810.04 39.87 -458.58	964.46 57.79 -441.78	445.90 42.78 -46.78	613.23 63.52 -0.79	324.28 32.68 0.00	121.47 11.16 0.00	119.81 8.93 -0.51	73.35 4.42 0.00
NYPA____ASTORIA_CC2 323569	77.08 4.84 0.00	75.61 4.06 0.00	65.78 3.58 0.00	58.68 3.49 0.00	63.17 3.71 0.00	64.19 3.90 0.00	74.98 4.23 0.00	81.26 4.90 0.00	84.43 5.61 0.00	105.55 8.47 -5.69	92.34 8.42 -8.78	99.94 9.71 -7.08	99.53 10.65 -4.05	131.10 13.18 -16.83	379.91 17.05 -226.20	606.61 15.26 -469.77	810.04 39.87 -458.58	964.46 57.79 -441.78	445.90 42.78 -46.78	613.23 63.52 -0.79	324.28 32.68 0.00	121.47 11.16 0.00	119.81 8.93 -0.51	73.35 4.42 0.00
NYPA____HOLTSVILL 23794	85.14 5.82 -7.07	78.33 4.96 -1.84	74.83 4.64 -8.01	63.50 4.21 -4.11	67.86 4.25 -4.16	66.66 4.51 -1.85	76.28 5.10 -0.43	82.95 5.95 -0.64	85.78 6.51 -0.45	97.51 8.11 1.99	90.15 7.93 -7.09	143.41 9.87 -50.39	207.42 10.69 -111.90	224.24 13.16 -109.99	378.64 16.79 -225.18	611.54 14.91 -475.05	821.39 37.24 -472.55	1011.25 57.11 -489.25	510.67 43.51 -110.83	665.49 66.45 -50.13	370.74 33.96 -45.19	226.42 12.30 -103.82	170.67 9.58 -50.71	81.21 4.62 -7.67
NYPA____HELLGATE_GT1 24158	77.45 5.20 -0.01	75.96 4.41 -0.01	66.09 3.89 -0.01	58.92 3.72 0.00	63.40 3.95 0.00	64.47 4.17 0.00	75.33 4.58 0.00	81.64 5.28 -0.01	84.81 5.98 -0.01	100.54 8.82 -0.32	83.79 8.65 0.00	92.83 9.68 0.00	95.35 10.52 0.00	122.15 13.07 -7.99	366.29 16.99 -212.63	574.22 15.23 -437.40	801.45 39.62 -450.24	964.29 57.62 -441.78	446.88 43.77 -46.78	615.37 65.66 -0.79	325.41 33.82 0.00	121.89 11.58 0.00	120.31 9.43 -0.51	73.71 4.79 0.00
NYPA____HELLGATE_GT2 24159	77.45 5.20 -0.01	75.96 4.41 -0.01	66.09 3.89 -0.01	58.92 3.72 0.00	63.40 3.95 0.00	64.47 4.17 0.00	75.33 4.58 0.00	81.64 5.28 -0.01	84.81 5.98 -0.01	100.54 8.82 -0.32	83.79 8.65 0.00	92.83 9.68 0.00	95.35 10.52 0.00	122.15 13.07 -7.99	366.29 16.99 -212.63	574.22 15.23 -437.40	801.45 39.62 -450.24	964.29 57.62 -441.78	446.88 43.77 -46.78	615.37 65.66 -0.79	325.41 33.82 0.00	121.89 11.58 0.00	120.31 9.43 -0.51	73.71 4.79 0.00
NYS_BARGE____HYD 23848	72.19 -0.05 0.00	70.31 -1.24 0.00	61.27 -0.92 0.00	53.32 -1.87 0.00	56.76 -2.70 0.00	57.96 -2.34 0.00	67.38 -3.37 0.00	72.64 -3.71 0.00	76.84 -1.99 0.00	88.94 -2.45 0.00	74.01 -1.13 0.00	82.22 -0.93 0.00	81.72 -3.11 0.00	96.47 -4.62 0.00	131.36 -5.31 0.00	117.42 -4.16 0.00	301.26 -10.33 0.00	454.34 -10.56 0.00	344.74 -11.60 0.00	529.87 -19.05 0.00	280.21 -11.39 0.00	104.09 -6.22 0.00	105.99 -4.39 0.00	67.26 -1.66 0.00
OAK ORCHARD____HYD 24046	74.25 2.01 0.00	72.53 0.99 0.00	62.89 0.69 0.00	55.09 -0.11 0.00	58.86 -0.59 0.00	60.03 -0.27 0.00	70.17 -0.58 0.00	75.96 -0.40 0.00	79.63 0.81 0.00	92.37 0.97 0.00	76.53 1.40 0.00	85.00 1.85 0.00	85.51 0.67 0.00	101.68 0.60 0.00	138.30 1.63 0.00	123.32 1.74 0.00	315.04 3.45 0.00	472.52 7.63 0.00	360.20 3.87 0.00	553.72 4.80 0.00	293.56 1.96 0.00	109.76 -0.55 0.00	110.43 0.05 0.00	69.26 0.33 0.00

OAKDALE___35_KV_LOAD 356122	73.51 1.27 0.00	72.18 0.64 0.00	62.64 0.45 0.00	55.59 0.40 0.00	59.64 0.19 0.00	60.73 0.43 0.00	71.21 0.47 0.00	77.07 0.71 0.00	79.88 1.06 0.00	92.78 1.39 0.00	76.94 1.81 0.00	85.60 2.45 0.00	87.01 2.18 0.00	103.98 2.89 0.00	141.19 4.52 0.00	125.71 4.12 0.00	321.95 10.36 0.00	480.33 15.43 0.00	367.04 10.71 0.00	564.24 15.32 0.00	299.70 8.11 0.00	112.89 2.58 0.00	113.61 1.84 -1.39	70.87 1.00 -0.95
OCC_CHEM___DRP 24175	71.32 -0.93 0.00	69.57 -1.97 0.00	60.53 -1.66 0.00	52.63 -2.57 0.00	55.96 -3.50 0.00	57.12 -3.17 0.00	66.39 -4.36 0.00	71.76 -4.60 0.00	76.06 -2.76 0.00	87.74 -3.66 0.00	72.45 -2.69 0.00	80.58 -2.57 0.00	79.99 -4.84 0.00	94.96 -6.13 0.00	129.07 -7.60 0.00	115.24 -6.34 0.00	295.81 -15.78 0.00	444.39 -20.51 0.00	336.85 -19.49 0.00	517.88 -31.03 0.00	274.39 -17.21 0.00	101.78 -8.53 0.00	103.78 -6.60 0.00	66.17 -2.76 0.00
OH_GEN_PROXY 24063	71.90 -0.35 0.00	70.07 -1.47 0.00	60.90 -1.29 0.00	53.06 -2.14 0.00	56.48 -2.98 0.00	57.64 -2.66 0.00	67.09 -3.66 0.00	72.54 -3.81 0.00	76.77 -2.05 0.00	88.78 -2.62 0.00	73.46 -1.52 0.14	81.87 -1.27 0.00	81.54 -3.30 0.00	96.77 -4.32 0.00	131.92 -4.75 0.00	117.58 -4.00 0.00	104.23 -10.56 196.80	430.33 -11.90 22.67	-140.61 -12.52 484.42	404.16 -20.83 123.93	279.35 -12.25 0.00	103.94 -6.37 0.00	105.44 -4.94 0.00	66.76 -2.16 0.00
OLIN_CORP_DRP 24177	71.36 -0.89 0.00	69.55 -1.99 0.00	60.73 -1.46 0.00	52.85 -2.34 0.00	56.25 -3.21 0.00	57.43 -2.87 0.00	66.67 -4.08 0.00	71.78 -4.58 0.00	76.00 -2.82 0.00	87.90 -3.49 0.00	73.23 -1.90 0.00	81.47 -1.69 0.00	80.87 -3.96 0.00	95.54 -5.55 0.00	129.71 -6.96 0.00	115.96 -5.62 0.00	297.85 -13.75 0.00	447.47 -17.42 0.00	339.23 -17.10 0.00	521.68 -27.24 0.00	276.47 -15.12 0.00	102.60 -7.71 0.00	104.52 -5.86 0.00	66.52 -2.40 0.00
OLIN_CORP_DSASP 323712	71.32 -0.92 0.00	69.59 -1.95 0.00	60.53 -1.66 0.00	52.62 -2.57 0.00	55.97 -3.48 0.00	57.13 -3.17 0.00	66.39 -4.36 0.00	71.78 -4.57 0.00	76.09 -2.74 0.00	87.75 -3.65 0.00	72.48 -2.66 0.00	80.61 -2.54 0.00	80.07 -4.76 0.00	94.99 -6.10 0.00	129.35 -7.32 0.00	115.49 -6.09 0.00	296.11 -15.48 0.00	445.96 -18.93 0.00	338.11 -18.23 0.00	519.04 -29.88 0.00	274.33 -17.27 0.00	101.79 -8.52 0.00	103.83 -6.55 0.00	66.19 -2.73 0.00
ONEIDA_HERK_LFGE 323681	74.68 2.44 0.00	74.07 2.53 0.00	64.31 2.12 0.00	57.10 1.91 0.00	61.34 1.89 0.00	62.17 1.88 0.00	73.20 2.45 0.00	79.17 2.81 0.00	81.48 2.65 0.00	94.12 2.72 0.00	77.39 2.25 0.00	85.20 2.05 0.00	86.37 1.54 0.00	102.70 1.61 0.00	138.83 2.16 0.00	123.66 2.08 0.00	317.54 5.95 0.00	474.13 9.23 0.00	364.39 8.06 0.00	565.05 16.14 0.00	301.89 10.29 0.00	114.55 4.24 0.00	114.84 3.71 -0.75	71.37 1.93 -0.51
ONEIDA___115KV_TB4 55905	75.47 3.23 0.00	74.44 2.90 0.00	64.57 2.37 0.00	57.29 2.10 0.00	61.51 2.05 0.00	62.48 2.18 0.00	73.45 2.70 0.00	79.33 2.97 0.00	81.71 2.89 0.00	94.68 3.28 0.00	78.25 3.12 0.00	86.25 3.10 0.00	87.41 2.58 0.00	104.19 3.10 0.00	141.02 4.35 0.00	125.55 3.97 0.00	322.09 10.50 0.00	481.44 16.54 0.00	369.93 13.60 0.00	571.60 22.68 0.00	304.78 13.19 0.00	115.16 4.85 0.00	116.40 4.94 -1.08	72.41 2.75 -0.74
ONONDAGA_REF_OCCRA 23987	73.11 0.87 0.00	71.91 0.36 0.00	62.39 0.20 0.00	55.25 0.06 0.00	59.28 -0.17 0.00	60.34 0.05 0.00	70.81 0.06 0.00	76.58 0.22 0.00	79.15 0.32 0.00	91.81 0.42 0.00	75.92 0.78 0.00	84.29 1.14 0.00	85.74 0.90 0.00	102.39 1.30 0.00	138.85 2.18 0.00	123.64 2.06 0.00	315.87 4.27 0.00	471.19 6.29 0.00	360.72 4.39 0.00	555.09 6.17 0.00	295.27 3.67 0.00	111.47 1.16 0.00	113.57 0.83 -2.37	71.01 0.47 -1.62
ONONDAGA___COGEN 23986	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
ONTARIO___LFGE 23819	73.82 1.58 0.00	72.17 0.63 0.00	62.50 0.30 0.00	55.19 -0.01 0.00	59.13 -0.32 0.00	60.31 0.01 0.00	70.72 -0.03 0.00	76.54 0.18 0.00	79.54 0.71 0.00	92.19 0.80 0.00	76.51 1.38 0.00	85.07 1.92 0.00	86.38 1.55 0.00	102.72 1.64 0.00	140.18 3.51 0.00	124.84 3.26 0.00	318.49 6.90 0.00	477.05 12.16 0.00	366.00 9.67 0.00	563.63 14.71 0.00	299.07 7.48 0.00	112.16 1.85 0.00	113.04 1.38 -1.27	70.57 0.77 -0.87
ORANGEVILLE_WT_PWR 323706	72.73 0.49 0.00	70.97 -0.57 0.00	61.63 -0.57 0.00	54.12 -1.08 0.00	57.79 -1.66 0.00	59.04 -1.26 0.00	68.83 -1.92 0.00	74.21 -2.15 0.00	77.90 -0.93 0.00	90.23 -1.17 0.00	75.02 -0.11 0.00	83.80 0.65 0.00	84.01 -0.82 0.00	99.19 -1.90 0.00	135.45 -1.21 0.00	120.83 -0.75 0.00	308.85 -2.74 0.00	464.02 -0.88 0.00	355.16 -1.17 0.00	547.96 -0.96 0.00	290.35 -1.25 0.00	108.33 -1.98 0.00	109.05 -1.33 0.00	68.54 -0.38 0.00
ORANGEVILLE___ESR 323794	72.73 0.49 0.00	70.97 -0.57 0.00	61.63 -0.57 0.00	54.12 -1.08 0.00	57.79 -1.66 0.00	59.04 -1.26 0.00	68.83 -1.92 0.00	74.21 -2.15 0.00	77.90 -0.93 0.00	90.23 -1.17 0.00	75.02 -0.11 0.00	83.80 0.65 0.00	84.01 -0.82 0.00	99.19 -1.90 0.00	135.45 -1.21 0.00	120.83 -0.75 0.00	308.85 -2.74 0.00	464.02 -0.88 0.00	355.16 -1.17 0.00	547.96 -0.96 0.00	290.35 -1.25 0.00	108.33 -1.98 0.00	109.05 -1.33 0.00	68.54 -0.38 0.00
OSWEGATCHIE___HYD 24044	72.74 0.50 0.00	72.34 0.80 0.00	62.96 0.76 0.00	56.00 0.81 0.00	60.26 0.80 0.00	60.94 0.64 0.00	71.79 1.04 0.00	77.47 1.11 0.00	79.78 0.96 0.00	90.88 -0.52 0.00	73.55 -1.59 0.00	80.09 -3.06 0.00	80.86 -3.97 0.00	95.54 -5.55 0.00	129.23 -7.44 0.00	115.25 -6.33 0.00	295.97 -15.63 0.00	441.68 -23.21 0.00	339.93 -16.40 0.00	532.03 -16.88 0.00	285.61 -5.98 0.00	109.63 -0.68 0.00	111.24 -0.25 -1.11	69.55 -0.14 -0.76
OSWEGO___5 23606	71.02 -1.22 0.00	70.00 -1.54 0.00	60.80 -1.39 0.00	53.87 -1.32 0.00	57.85 -1.61 0.00	58.86 -1.44 0.00	69.03 -1.72 0.00	74.62 -1.73 0.00	77.12 -1.71 0.00	89.39 -2.00 0.00	73.74 -1.39 0.00	81.73 -1.42 0.00	83.19 -1.64 0.00	99.18 -1.90 0.00	134.39 -2.28 0.00	119.59 -1.99 0.00	305.13 -6.46 0.00	454.27 -10.62 0.00	347.56 -8.78 0.00	534.47 -14.45 0.00	284.64 -6.95 0.00	107.97 -2.34 0.00	123.22 -2.34 -15.18	78.04 -1.28 -10.40
OSWEGO___6 23613	71.02 -1.22 0.00	70.00 -1.54 0.00	60.80 -1.39 0.00	53.87 -1.32 0.00	57.85 -1.61 0.00	58.86 -1.44 0.00	69.03 -1.72 0.00	74.62 -1.73 0.00	77.12 -1.71 0.00	89.39 -2.00 0.00	73.74 -1.39 0.00	81.73 -1.42 0.00	83.19 -1.64 0.00	99.18 -1.90 0.00	134.39 -2.28 0.00	119.59 -1.99 0.00	305.13 -6.46 0.00	454.27 -10.62 0.00	347.56 -8.78 0.00	534.47 -14.45 0.00	284.64 -6.95 0.00	107.97 -2.34 0.00	123.22 -2.34 -15.18	78.04 -1.28 -10.40

OUTOKUMPU-AB___DRP 24206	72.72 0.47 0.00	70.87 -0.67 0.00	61.59 -0.61 0.00	53.62 -1.58 0.00	57.06 -2.39 0.00	58.29 -2.01 0.00	67.82 -2.93 0.00	73.33 -3.03 0.00	77.68 -1.15 0.00	89.72 -1.68 0.00	74.38 -0.75 0.00	82.75 -0.40 0.00	82.20 -2.63 0.00	97.53 -3.56 0.00	132.71 -3.96 0.00	118.71 -2.87 0.00	305.21 -6.38 0.00	458.80 -6.10 0.00	348.18 -8.16 0.00	535.18 -13.74 0.00	283.28 -8.31 0.00	105.02 -5.28 0.00	106.71 -3.67 0.00	67.71 -1.21 0.00
OXBOW___BTM 323836	71.88 -0.36 0.00	70.22 -1.32 0.00	61.10 -1.09 0.00	53.13 -2.06 0.00	56.55 -2.91 0.00	57.73 -2.57 0.00	67.13 -3.62 0.00	72.61 -3.74 0.00	76.94 -1.89 0.00	88.50 -2.89 0.00	73.26 -1.87 0.00	81.49 -1.67 0.00	80.95 -3.88 0.00	96.03 -5.06 0.00	130.88 -5.79 0.00	116.97 -4.61 0.00	300.14 -11.45 0.00	452.34 -12.56 0.00	343.16 -13.17 0.00	526.68 -22.24 0.00	278.25 -13.34 0.00	103.22 -7.08 0.00	105.06 -5.32 0.00	66.81 -2.11 0.00
OXBOW___ 24026	71.88 -0.36 0.00	70.21 -1.33 0.00	61.09 -1.10 0.00	53.13 -2.07 0.00	56.55 -2.91 0.00	57.72 -2.58 0.00	67.13 -3.62 0.00	72.59 -3.77 0.00	76.93 -1.90 0.00	88.49 -2.91 0.00	73.24 -1.89 0.00	81.46 -1.69 0.00	80.86 -3.97 0.00	96.00 -5.09 0.00	130.58 -6.09 0.00	116.73 -4.85 0.00	299.96 -11.63 0.00	450.76 -14.13 0.00	341.90 -14.44 0.00	525.48 -23.44 0.00	278.32 -13.27 0.00	103.22 -7.09 0.00	105.03 -5.35 0.00	66.80 -2.12 0.00
OXY_CHEM_DSASP 323612	71.32 -0.93 0.00	69.57 -1.97 0.00	60.53 -1.66 0.00	52.63 -2.57 0.00	55.96 -3.50 0.00	57.12 -3.17 0.00	66.39 -4.36 0.00	71.76 -4.60 0.00	76.06 -2.76 0.00	87.74 -3.66 0.00	72.45 -2.69 0.00	80.58 -2.57 0.00	79.99 -4.84 0.00	94.96 -6.13 0.00	129.07 -7.60 0.00	115.24 -6.34 0.00	295.81 -15.78 0.00	444.39 -20.51 0.00	336.85 -19.49 0.00	517.88 -31.03 0.00	274.39 -17.21 0.00	101.78 -8.53 0.00	103.78 -6.60 0.00	66.17 -2.76 0.00
OZONE_PARK_ESR 323760	78.74 6.50 0.00	77.14 5.59 0.00	66.99 4.79 0.00	59.69 4.50 0.00	64.20 4.75 0.00	65.20 4.90 0.00	76.23 5.48 0.00	82.80 6.44 0.00	86.06 7.23 0.00	101.57 10.17 0.00	85.06 9.93 0.00	94.73 11.58 0.00	97.29 12.46 0.00	124.52 15.45 -7.99	369.55 20.26 -212.61	575.32 18.32 -435.42	808.38 47.41 -449.38	975.67 69.03 -441.75	454.59 51.48 -46.78	626.70 76.99 -0.79	331.38 39.78 0.00	124.17 13.86 0.00	122.52 11.63 -0.51	74.92 6.00 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	71.32 -0.93 0.00	69.57 -1.97 0.00	60.53 -1.66 0.00	52.63 -2.57 0.00	55.96 -3.50 0.00	57.12 -3.17 0.00	66.39 -4.36 0.00	71.76 -4.60 0.00	76.06 -2.76 0.00	87.74 -3.66 0.00	72.45 -2.69 0.00	80.58 -2.57 0.00	79.99 -4.84 0.00	94.96 -6.13 0.00	129.07 -7.60 0.00	115.24 -6.34 0.00	295.81 -15.78 0.00	444.39 -20.51 0.00	336.85 -19.49 0.00	517.88 -31.03 0.00	274.39 -17.21 0.00	101.78 -8.53 0.00	103.78 -6.60 0.00	66.17 -2.76 0.00
PACKARD___115KV_DUPONT_184 80571	71.32 -0.93 0.00	69.57 -1.97 0.00	60.53 -1.66 0.00	52.63 -2.57 0.00	55.96 -3.50 0.00	57.12 -3.17 0.00	66.39 -4.36 0.00	71.76 -4.60 0.00	76.06 -2.76 0.00	87.74 -3.66 0.00	72.45 -2.69 0.00	80.58 -2.57 0.00	79.99 -4.84 0.00	94.96 -6.13 0.00	129.07 -7.60 0.00	115.24 -6.34 0.00	295.81 -15.78 0.00	444.39 -20.51 0.00	336.85 -19.49 0.00	517.88 -31.03 0.00	274.39 -17.21 0.00	101.78 -8.53 0.00	103.78 -6.60 0.00	66.17 -2.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	77.38 5.14 0.00	75.94 4.40 0.00	66.08 3.88 0.00	58.90 3.71 0.00	63.39 3.94 0.00	64.44 4.14 0.00	75.31 4.56 0.00	81.63 5.27 0.00	84.78 5.95 0.00	101.43 8.82 -1.21	85.59 8.62 -1.84	94.36 9.73 -1.48	96.27 10.59 -0.84	124.04 13.11 -9.84	369.17 17.04 -215.46	579.71 15.40 -442.73	802.63 39.67 -451.38	964.33 57.65 -441.78	446.34 43.23 -46.78	614.31 64.60 -0.79	324.88 33.29 0.00	121.73 11.42 0.00	120.17 9.28 -0.51	73.61 4.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	80.29 8.05 0.00	78.80 7.27 0.00	68.55 6.36 0.00	61.09 5.90 0.00	65.78 6.32 0.00	66.92 6.62 0.00	78.23 7.48 0.00	84.88 8.52 0.00	88.15 9.32 0.00	105.35 12.74 -1.21	88.78 11.81 -1.84	97.87 13.24 -1.48	99.78 14.10 -0.84	128.36 17.43 -9.84	375.02 22.89 -215.46	585.02 20.72 -442.73	815.84 52.87 -451.38	984.65 77.97 -441.78	461.11 58.00 -46.78	636.81 87.10 -0.79	336.94 45.35 0.00	126.02 15.71 0.00	124.58 13.69 -0.51	76.36 7.44 0.00
PATROON___115KV_TB1 80586	74.00 1.76 0.00	73.18 1.64 0.00	63.67 1.47 0.00	56.58 1.39 0.00	60.98 1.52 0.00	61.91 1.61 0.00	72.44 1.69 0.00	78.30 1.95 0.00	80.81 1.98 0.00	94.12 2.73 0.00	77.93 2.80 0.00	86.55 3.40 0.00	88.59 3.76 0.00	105.81 4.72 0.00	142.74 6.07 0.00	126.61 5.03 0.00	323.79 12.20 0.00	483.60 18.70 0.00	371.45 15.12 0.00	571.56 22.64 0.00	303.85 12.25 0.00	114.39 4.08 0.00	114.21 3.39 -0.45	70.32 1.39 0.00
PATTRSNVILLE___SOLAR 323815	75.67 3.43 0.00	74.73 3.19 0.00	64.92 2.73 0.00	57.57 2.38 0.00	62.00 2.55 0.00	62.95 2.65 0.00	73.75 3.00 0.00	79.31 2.95 0.00	81.66 2.84 0.00	94.50 3.10 0.00	77.53 2.40 0.00	86.11 2.96 0.00	87.87 3.03 0.00	104.74 3.65 0.00	141.33 4.66 0.00	125.53 3.95 0.00	322.65 11.06 0.00	483.03 18.13 0.00	373.39 17.05 0.00	578.90 29.99 0.00	308.83 17.24 0.00	116.43 6.12 0.00	117.10 5.58 -1.15	71.89 2.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	73.16 0.92 0.00	71.12 -0.42 0.00	61.64 -0.55 0.00	53.91 -1.28 0.00	57.45 -2.00 0.00	58.68 -1.62 0.00	68.46 -2.29 0.00	74.18 -2.18 0.00	78.40 -0.42 0.00	90.86 -0.54 0.00	75.48 0.34 0.00	84.06 0.91 0.00	83.81 -1.03 0.00	99.66 -1.43 0.00	135.95 -0.73 0.00	121.33 -0.25 0.00	312.44 0.85 0.00	469.72 4.82 0.00	356.74 0.41 0.00	547.94 -0.98 0.00	289.42 -2.18 0.00	107.57 -2.74 0.00	108.39 -1.99 0.00	68.28 -0.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	77.85 5.61 0.00	76.36 4.82 0.00	66.21 4.01 0.00	58.85 3.66 0.00	63.33 3.87 0.00	64.28 3.98 0.00	75.30 4.55 0.00	81.76 5.40 0.00	84.88 6.06 0.00	99.92 8.52 0.00	83.57 8.44 0.00	93.19 10.04 0.00	95.78 10.95 0.00	122.36 13.59 -7.69	359.28 18.05 -204.57	556.73 16.19 -418.95	786.02 42.04 -432.39	952.59 62.65 -425.04	448.22 46.88 -45.01	619.44 69.76 -0.76	327.61 36.01 0.00	122.92 12.61 0.00	121.54 10.70 -0.46	74.30 5.38 0.00
PEEKSKILL___ 23653	76.80 4.56 0.00	75.32 3.78 0.00	65.40 3.21 0.00	58.22 3.03 0.00	62.65 3.20 0.00	63.59 3.29 0.00	74.41 3.66 0.00	80.71 4.36 0.00	83.73 4.90 0.00	98.63 7.24 0.00	82.48 7.35 0.00	91.87 8.72 0.00	94.33 9.49 0.00	120.72 11.83 -7.81	360.15 15.64 -207.85	561.25 14.01 -425.66	787.50 36.60 -439.31	950.85 54.11 -431.85	442.82 40.76 -45.73	610.44 60.75 -0.78	322.81 31.22 0.00	121.13 10.82 0.00	119.70 8.83 -0.49	73.22 4.29 0.00
PGE MADISON___WINDPWR 24146	78.27 6.03 0.00	76.62 5.09 0.00	66.42 4.23 0.00	59.20 4.01 0.00	63.65 4.19 0.00	64.95 4.65 0.00	76.72 5.97 0.00	83.19 6.84 0.00	85.93 7.11 0.00	98.41 7.02 0.00	81.37 6.23 0.00	90.35 7.20 0.00	92.11 7.28 0.00	110.49 9.40 0.00	149.02 12.35 0.00	132.87 11.29 0.00	341.79 30.20 0.00	511.71 46.82 0.00	397.15 40.81 0.00	614.90 65.98 0.00	327.65 36.06 0.00	122.89 12.58 0.00	122.72 10.85 -1.49	76.22 6.28 -1.02

PIERCEFIELD___HYD 23852	71.38 -0.87 0.00	70.72 -0.82 0.00	61.80 -0.39 0.00	54.98 -0.21 0.00	59.37 -0.08 0.00	60.04 -0.26 0.00	70.62 -0.13 0.00	75.91 -0.44 0.00	78.35 -0.48 0.00	88.67 -2.73 0.00	71.12 -4.02 0.00	77.29 -5.86 0.00	78.35 -6.48 0.00	92.62 -8.47 0.00	125.27 -11.40 0.00	111.82 -9.76 0.00	286.93 -24.67 0.00	428.21 -36.69 0.00	330.15 -26.19 0.00	516.03 -32.89 0.00	275.61 -15.99 0.00	105.51 -4.80 0.00	107.83 -3.11 -0.56	67.96 -1.35 -0.38
PINELAWN_CC_1 323563	90.62 5.46 -12.92	82.28 4.58 -6.16	79.49 4.31 -12.99	68.54 3.99 -9.36	73.08 4.14 -9.48	68.85 4.32 -4.23	76.56 4.82 -0.99	83.49 5.72 -1.41	86.27 6.29 -1.16	99.99 8.02 -0.58	84.62 7.76 -1.73	105.78 9.44 -13.18	132.32 10.32 -37.17	175.98 12.97 -61.91	388.12 16.94 -234.51	662.22 16.54 -524.10	875.48 42.40 -521.49	1103.40 61.61 -576.90	564.90 46.72 -161.85	683.59 70.40 -64.27	364.64 35.91 -37.13	185.25 12.42 -62.52	124.89 9.55 -4.96	75.74 4.49 -2.32
PJM_GEN_HTTP_PROXY 323702	78.15 5.00 -0.90	75.74 4.20 0.00	65.81 3.62 0.00	58.66 3.47 0.00	63.14 3.68 0.00	64.06 3.81 0.04	74.94 4.19 0.00	81.33 4.98 0.00	84.47 5.65 0.00	99.71 8.32 0.00	83.47 8.33 0.00	92.94 9.79 0.00	95.46 10.63 0.00	122.30 13.22 -7.99	298.87 17.24 -144.96	525.33 15.53 -388.21	801.17 40.23 -449.35	964.80 58.18 -441.72	446.62 43.51 -46.77	614.23 64.52 -0.79	324.81 33.21 0.00	121.76 11.46 0.00	120.15 9.27 -0.51	73.50 4.58 0.00
PJM_GEN_KEystone 24065	75.12 1.97 -0.90	72.51 1.00 0.03	62.85 0.70 0.04	55.76 0.57 0.00	59.79 0.33 0.00	60.78 0.53 0.05	71.07 0.39 0.07	77.07 0.72 0.00	80.41 1.59 0.00	98.86 2.80 -4.66	78.64 3.51 0.00	87.56 4.41 0.00	88.99 4.15 0.00	110.36 5.28 -3.99	182.99 7.75 -38.57	297.63 7.04 -169.01	554.16 18.65 -223.92	713.93 28.36 -220.68	399.74 20.03 -23.37	578.25 28.93 -0.40	305.94 14.35 0.00	114.64 4.33 0.00	130.88 3.25 -17.25	50.51 1.43 19.84
PJM_GEN_NEPTUNE_PROXY 323594	81.77 5.20 -4.32	75.03 4.35 0.87	71.13 4.05 -4.88	59.75 3.75 -0.81	64.23 3.96 -0.81	64.70 4.08 -0.32	75.38 4.54 -0.08	81.88 5.36 -0.16	84.72 5.90 0.00	95.67 7.83 3.55	81.12 7.69 1.71	94.50 9.53 -1.82	111.04 10.34 -15.87	151.87 12.90 -37.88	293.12 16.89 -139.55	566.55 15.20 -429.77	793.63 39.37 -442.66	935.18 58.19 -412.10	454.61 43.91 -54.37	639.50 65.76 -24.82	346.41 33.86 -20.95	166.34 11.66 -44.37	119.86 9.06 -0.42	67.50 4.35 5.78
PJM_GEN_VFT_PROXY 323633	77.63 4.48 -0.90	74.78 3.65 0.41	64.83 3.17 0.53	58.35 3.16 0.00	62.78 3.33 0.00	63.62 3.42 0.11	73.47 3.68 0.96	80.78 4.43 0.01	83.94 5.11 0.00	94.99 7.78 4.19	77.05 8.00 6.09	87.71 9.46 4.90	92.28 10.25 2.81	115.76 12.80 -1.87	288.74 16.48 -135.59	499.63 14.78 -363.27	792.57 38.47 -442.51	961.97 55.33 -441.75	444.19 41.08 -46.78	611.18 61.47 -0.79	323.18 31.59 0.00	121.09 10.79 0.00	119.34 8.45 -0.51	73.00 4.08 0.00
PLATSBURG_115KV_PMLD1 355749	70.71 -1.53 0.00	70.04 -1.50 0.00	60.83 -1.36 0.00	54.16 -1.03 0.00	58.46 -0.99 0.00	59.15 -1.15 0.00	69.28 -1.47 0.00	74.70 -1.65 0.00	77.09 -1.73 0.00	89.16 -2.24 0.00	71.82 -3.31 0.00	79.04 -4.11 0.00	80.60 -4.23 0.00	95.33 -5.76 0.00	128.88 -7.79 0.00	114.50 -7.08 0.00	295.19 -16.40 0.00	439.56 -25.33 0.00	339.11 -17.22 0.00	525.27 -23.65 0.00	279.01 -12.58 0.00	106.87 -3.44 0.00	107.72 -2.66 0.00	66.98 -1.95 0.00
PLEASANTVLY___LBMP 24000	76.21 3.97 0.00	74.94 3.39 0.00	65.04 2.85 0.00	57.86 2.66 0.00	62.29 2.83 0.00	63.23 2.93 0.00	73.98 3.23 0.00	80.22 3.86 0.00	83.09 4.27 0.00	97.61 6.22 0.00	81.46 6.33 0.00	90.67 7.52 0.00	93.08 8.25 0.00	120.68 10.24 -9.34	398.74 13.42 -248.65	642.53 11.71 -509.23	867.54 30.39 -525.56	1026.45 44.92 -516.64	444.95 33.91 -54.71	600.53 50.69 -0.93	317.90 26.31 0.00	119.45 9.14 0.00	118.51 7.55 -0.58	72.56 3.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	77.09 4.85 0.00	75.67 4.13 0.00	65.69 3.50 0.00	58.47 3.27 0.00	62.93 3.48 0.00	63.88 3.58 0.00	74.75 4.00 0.00	81.08 4.73 0.00	84.13 5.31 0.00	99.08 7.69 0.00	82.83 7.70 0.00	92.29 9.14 0.00	94.79 9.96 0.00	121.50 12.37 -8.05	367.17 16.28 -214.21	574.77 14.49 -438.70	802.04 37.68 -452.77	965.52 55.54 -445.08	445.07 41.61 -47.13	611.61 61.90 -0.80	323.56 31.97 0.00	121.38 11.08 0.00	120.04 9.15 -0.51	73.39 4.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	77.09 4.85 0.00	75.67 4.13 0.00	65.69 3.50 0.00	58.47 3.27 0.00	62.93 3.48 0.00	63.88 3.58 0.00	74.75 4.00 0.00	81.08 4.73 0.00	84.13 5.31 0.00	99.08 7.69 0.00	82.83 7.70 0.00	92.29 9.14 0.00	94.79 9.96 0.00	121.50 12.37 -8.05	367.17 16.28 -214.21	574.77 14.49 -438.70	802.04 37.68 -452.77	965.52 55.54 -445.08	445.07 41.61 -47.13	611.61 61.90 -0.80	323.56 31.97 0.00	121.38 11.08 0.00	120.04 9.15 -0.51	73.39 4.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	77.32 5.08 0.00	75.89 4.35 0.00	65.82 3.63 0.00	58.47 3.28 0.00	62.93 3.47 0.00	63.86 3.56 0.00	74.78 4.03 0.00	81.18 4.83 0.00	84.13 5.31 0.00	98.87 7.47 0.00	82.56 7.43 0.00	91.99 8.83 0.00	94.46 9.63 0.00	120.34 11.99 -7.27	346.08 16.03 -193.38	531.82 14.21 -396.02	757.26 36.95 -408.72	921.56 54.88 -401.78	440.31 41.43 -42.54	611.58 61.94 -0.72	323.98 32.38 0.00	121.62 11.32 0.00	120.44 9.57 -0.48	73.74 4.82 0.00
POLETTI_____ 23519	77.13 4.89 0.00	75.65 4.10 0.00	65.73 3.53 0.00	58.61 3.42 0.00	63.08 3.63 0.00	64.04 3.75 0.00	74.85 4.10 0.00	81.25 4.90 0.00	84.40 5.58 0.00	99.63 8.24 0.00	83.42 8.29 0.00	92.92 9.77 0.00	95.48 10.65 0.00	122.30 13.22 -7.99	366.44 17.16 -212.61	572.48 15.48 -435.42	801.10 40.13 -449.38	964.70 58.05 -441.75	446.35 43.24 -46.78	614.08 64.37 -0.79	324.55 32.96 0.00	121.69 11.38 0.00	120.05 9.17 -0.51	73.41 4.49 0.00
POMONA___ESR 323819	76.86 4.62 0.00	75.32 3.77 0.00	65.36 3.16 0.00	58.15 2.96 0.00	62.56 3.11 0.00	63.50 3.20 0.00	74.32 3.57 0.00	80.60 4.25 0.00	83.65 4.83 0.00	98.67 7.27 0.00	82.62 7.49 0.00	92.07 8.92 0.00	94.50 9.67 0.00	120.51 12.10 -7.32	347.65 16.08 -194.91	535.23 14.49 -399.16	761.69 38.14 -411.96	926.31 56.45 -404.96	441.57 42.35 -42.88	612.57 62.92 -0.73	323.83 32.24 0.00	121.45 11.14 0.00	119.94 9.09 -0.47	73.31 4.38 0.00
PORT_JEFF_3 23555	85.27 5.90 -7.13	78.56 5.13 -1.88	75.02 4.77 -8.06	63.68 4.33 -4.16	68.04 4.38 -4.21	66.84 4.66 -1.88	76.48 5.30 -0.44	83.16 6.15 -0.65	85.93 6.65 -0.45	97.62 8.20 1.97	92.11 7.90 -9.09	154.95 9.70 -62.09	230.48 10.52 -135.13	240.67 12.96 -126.63	380.36 16.53 -227.16	614.15 14.69 -477.88	821.34 36.76 -472.98	1011.46 56.46 -490.11	514.92 43.05 -115.53	667.90 65.99 -53.00	375.34 33.80 -49.95	239.51 12.09 -117.12	183.28 9.38 -63.52	84.01 4.64 -10.45
PORT_JEFF_4 23616	85.27 5.90 -7.13	78.56 5.13 -1.88	75.02 4.77 -8.06	63.68 4.33 -4.16	68.04 4.38 -4.21	66.84 4.66 -1.88	76.48 5.30 -0.44	83.16 6.15 -0.65	85.93 6.65 -0.45	97.62 8.20 1.97	92.11 7.90 -9.09	154.95 9.70 -62.09	230.48 10.52 -135.13	240.67 12.96 -126.63	380.36 16.53 -227.16	614.15 14.69 -477.88	821.34 36.76 -472.98	1011.46 56.46 -490.11	514.92 43.05 -115.53	667.90 65.99 -53.00	375.34 33.80 -49.95	239.51 12.09 -117.12	183.28 9.38 -63.52	84.01 4.64 -10.45

PORT_JEFF_IC 23713	85.71 6.17 -7.30	78.90 5.35 -2.01	75.33 4.94 -8.20	63.95 4.45 -4.31	68.33 4.51 -4.36	67.04 4.79 -1.94	76.66 5.46 -0.45	83.40 6.37 -0.67	86.25 6.95 -0.47	98.09 8.59 1.90	99.31 8.23 -15.95	195.29 9.89 -102.24	310.48 10.78 -214.87	297.91 13.14 -183.68	387.35 16.82 -233.86	623.93 15.07 -487.27	823.54 37.78 -474.17	1015.20 57.81 -492.50	531.70 44.10 -131.27	678.83 67.20 -62.71	392.53 34.70 -66.23	285.32 12.23 -162.78	227.49 9.62 -107.49	93.84 4.97 -19.94
PPL PILGRIM_ST_GT1 24216	85.99 5.70 -8.04	78.95 4.85 -2.56	75.78 4.75 -8.84	64.76 4.59 -4.98	69.40 4.90 -5.04	67.69 5.14 -2.25	76.87 5.60 -0.52	83.42 6.29 -0.77	86.24 6.85 -0.56	98.04 8.23 1.58	83.07 8.04 0.10	100.51 10.10 -7.26	121.90 10.97 -26.10	164.36 13.67 -49.61	375.34 17.73 -220.94	613.36 16.10 -475.68	832.86 41.10 -480.17	1030.47 62.34 -503.24	509.74 47.45 -105.95	664.61 71.69 -44.01	357.05 36.41 -29.04	176.75 12.81 -53.64	122.84 9.90 -2.56	71.73 4.71 1.90
PPL PILGRIM_ST_GT2 24217	85.99 5.70 -8.04	78.95 4.85 -2.56	75.78 4.75 -8.84	64.76 4.59 -4.98	69.40 4.90 -5.04	67.69 5.14 -2.25	76.87 5.60 -0.52	83.42 6.29 -0.77	86.24 6.85 -0.56	98.04 8.23 1.58	83.07 8.04 0.10	100.51 10.10 -7.26	121.90 10.97 -26.10	164.36 13.67 -49.61	375.34 17.73 -220.94	613.36 16.10 -475.68	832.86 41.10 -480.17	1030.47 62.34 -503.24	509.74 47.45 -105.95	664.61 71.69 -44.01	357.05 36.41 -29.04	176.75 12.81 -53.64	122.84 9.90 -2.56	71.73 4.71 1.90
PPL_SHRM_GT3 24213	85.31 5.85 -7.21	78.35 4.86 -1.95	74.74 4.41 -8.13	63.33 3.91 -4.24	67.66 3.93 -4.28	66.50 4.29 -1.91	76.13 4.93 -0.44	82.80 5.78 -0.66	85.73 6.45 -0.46	97.58 8.12 1.93	93.67 8.10 -10.44	163.38 10.27 -69.97	246.77 11.17 -150.77	252.79 13.85 -137.86	383.11 17.84 -228.59	616.28 14.52 -480.18	817.14 31.95 -473.60	1008.09 51.92 -491.28	515.63 40.17 -119.13	673.26 69.26 -55.08	380.91 36.12 -53.20	249.49 13.08 -126.10	192.80 10.31 -72.11	86.12 4.85 -12.34
PPL_SHRM_GT4 24214	85.31 5.85 -7.21	78.35 4.86 -1.95	74.74 4.41 -8.13	63.33 3.91 -4.24	67.66 3.93 -4.28	66.50 4.29 -1.91	76.13 4.93 -0.44	82.80 5.78 -0.66	85.73 6.45 -0.46	97.58 8.12 1.93	93.67 8.10 -10.44	163.38 10.27 -69.97	246.77 11.17 -150.77	252.79 13.85 -137.86	383.11 17.84 -228.59	616.28 14.52 -480.18	817.14 31.95 -473.60	1008.09 51.92 -491.28	515.63 40.17 -119.13	673.26 69.26 -55.08	380.91 36.12 -53.20	249.49 13.08 -126.10	192.80 10.31 -72.11	86.12 4.85 -12.34
PROJECT___ORANGE 1 24174	72.67 0.42 0.00	71.47 -0.07 0.00	62.04 -0.15 0.00	54.92 -0.27 0.00	58.93 -0.53 0.00	59.98 -0.32 0.00	70.37 -0.38 0.00	76.11 -0.25 0.00	78.71 -0.11 0.00	91.36 -0.03 0.00	75.53 0.40 0.00	83.87 0.72 0.00	85.29 0.46 0.00	101.83 0.75 0.00	138.05 1.38 0.00	122.91 1.33 0.00	313.79 2.20 0.00	468.28 3.38 0.00	358.10 1.77 0.00	550.70 1.78 0.00	292.87 1.28 0.00	110.59 0.29 0.00	112.36 0.00 -1.98	70.28 0.00 -1.35
PROJECT___ORANGE 2 24166	72.67 0.42 0.00	71.47 -0.07 0.00	62.04 -0.15 0.00	54.92 -0.27 0.00	58.93 -0.53 0.00	59.98 -0.32 0.00	70.37 -0.38 0.00	76.11 -0.25 0.00	78.71 -0.11 0.00	91.36 -0.03 0.00	75.53 0.40 0.00	83.87 0.72 0.00	85.29 0.46 0.00	101.83 0.75 0.00	138.05 1.38 0.00	122.91 1.33 0.00	313.79 2.20 0.00	468.28 3.38 0.00	358.10 1.77 0.00	550.70 1.78 0.00	292.87 1.28 0.00	110.59 0.29 0.00	112.36 0.00 -1.98	70.28 0.00 -1.35
PUCKETT___SOLAR 323809	74.50 2.25 0.00	73.20 1.65 0.00	63.42 1.22 0.00	56.41 1.22 0.00	60.55 1.10 0.00	61.73 1.43 0.00	72.50 1.75 0.00	78.44 2.08 0.00	81.09 2.27 0.00	93.69 2.29 0.00	77.45 2.31 0.00	86.11 2.96 0.00	87.60 2.76 0.00	104.87 3.79 0.00	142.24 5.57 0.00	126.61 5.03 0.00	326.05 14.46 0.00	487.31 22.41 0.00	374.40 18.07 0.00	577.12 28.20 0.00	306.86 15.27 0.00	115.48 5.17 0.00	115.80 4.05 -1.37	72.14 2.28 -0.94
PYRITES___HYD 24023	73.01 0.77 0.00	72.35 0.81 0.00	63.12 0.92 0.00	56.15 0.96 0.00	60.68 1.23 0.00	61.40 1.11 0.00	72.24 1.49 0.00	77.42 1.07 0.00	79.53 0.70 0.00	89.84 -1.55 0.00	71.58 -3.56 0.00	77.98 -5.17 0.00	79.30 -5.54 0.00	93.86 -7.22 0.00	127.02 -9.65 0.00	113.55 -8.03 0.00	290.38 -21.21 0.00	433.81 -31.09 0.00	335.55 -20.79 0.00	527.42 -21.50 0.00	283.44 -8.16 0.00	108.49 -1.82 0.00	110.05 -0.33 0.00	69.29 0.36 0.00
QUAKERRD_115KV_BK1 80622	72.47 0.22 0.00	70.88 -0.67 0.00	61.46 -0.73 0.00	53.95 -1.24 0.00	57.69 -1.77 0.00	58.80 -1.50 0.00	68.79 -1.96 0.00	74.49 -1.87 0.00	77.89 -0.94 0.00	90.34 -1.06 0.00	74.80 -0.33 0.00	83.08 -0.07 0.00	83.78 -1.06 0.00	99.70 -1.38 0.00	135.48 -1.19 0.00	120.75 -0.83 0.00	308.55 -3.04 0.00	461.73 -3.16 0.00	352.35 -3.99 0.00	542.00 -6.92 0.00	287.77 -3.83 0.00	107.77 -2.54 0.00	108.14 -2.24 0.00	67.76 -1.17 0.00
QUENSBRY_115KV_TB8 356137	77.29 5.05 0.00	76.22 4.68 0.00	65.96 3.76 0.00	58.49 3.30 0.00	63.16 3.70 0.00	64.06 3.77 0.00	75.60 4.85 0.00	81.67 5.31 0.00	84.28 5.46 0.00	97.89 6.50 0.00	80.59 5.46 0.00	89.65 6.50 0.00	91.73 6.90 0.00	109.47 8.38 0.00	147.66 10.99 0.00	130.59 9.01 0.00	333.67 36.42 0.00	501.32 32.72 0.00	389.05 32.72 0.00	601.25 52.33 0.00	320.60 29.01 0.00	119.97 9.66 0.00	121.14 8.77 -1.98	73.09 4.17 0.00
RAMAPO___LBMP 323565	76.43 4.19 0.00	74.91 3.37 0.00	65.00 2.81 0.00	57.86 2.66 0.00	62.25 2.79 0.00	63.17 2.87 0.00	73.93 3.19 0.00	80.17 3.82 0.00	83.14 4.32 0.00	97.98 6.58 0.00	82.01 6.88 0.00	91.31 8.16 0.00	93.73 8.90 0.00	119.35 11.10 -7.15	341.77 14.71 -190.39	524.78 13.29 -389.90	749.06 35.06 -402.41	912.32 51.85 -395.57	437.48 39.27 -41.89	608.18 58.56 -0.71	321.56 29.96 0.00	120.65 10.34 0.00	119.21 8.37 -0.46	72.89 3.97 0.00
RANKINE___ 23646	73.48 1.24 0.00	71.45 -0.09 0.00	61.99 -0.21 0.00	54.14 -1.05 0.00	57.66 -1.80 0.00	58.89 -1.41 0.00	68.63 -2.12 0.00	74.32 -2.04 0.00	78.58 -0.24 0.00	91.01 -0.39 0.00	75.59 0.46 0.00	84.19 1.04 0.00	83.85 -0.98 0.00	99.66 -1.43 0.00	135.83 -0.84 0.00	121.23 -0.35 0.00	311.69 0.10 0.00	468.23 3.33 0.00	355.57 -0.76 0.00	546.57 -2.35 0.00	289.15 -2.45 0.00	107.47 -2.84 0.00	108.53 -1.85 0.00	68.49 -0.43 0.00
RAVENSWOOD_GT2_1 24244	77.17 4.93 0.00	75.73 4.19 0.00	65.82 3.63 0.00	58.66 3.47 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.32 4.97 0.00	84.47 5.64 0.00	99.64 8.25 0.00	83.38 8.25 0.00	92.83 9.68 0.00	95.39 10.56 0.00	122.17 13.09 -7.99	366.31 17.01 -212.63	572.35 15.31 -435.45	800.79 39.78 -449.41	964.41 57.74 -441.78	446.29 43.18 -46.78	613.90 64.18 -0.79	324.55 32.96 0.00	121.67 11.36 0.00	120.06 9.17 -0.51	73.45 4.53 0.00
RAVENSWOOD_GT2_2 24245	77.17 4.93 0.00	75.73 4.19 0.00	65.82 3.63 0.00	58.66 3.47 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.32 4.97 0.00	84.47 5.64 0.00	99.64 8.25 0.00	83.38 8.25 0.00	92.83 9.68 0.00	95.39 10.56 0.00	122.17 13.09 -7.99	366.31 17.01 -212.63	572.35 15.31 -435.45	800.79 39.78 -449.41	964.41 57.74 -441.78	446.29 43.18 -46.78	613.90 64.18 -0.79	324.55 32.96 0.00	121.67 11.36 0.00	120.06 9.17 -0.51	73.45 4.53 0.00

RAVENSWOOD_GT2_3 24246	77.24 5.00 0.00	75.78 4.23 0.00	65.86 3.67 0.00	58.71 3.52 0.00	63.20 3.75 0.00	64.18 3.88 0.00	75.00 4.25 0.00	81.39 5.04 0.00	84.52 5.70 0.00	99.73 8.34 0.00	83.46 8.32 0.00	92.91 9.76 0.00	95.45 10.62 0.00	122.27 13.19 -7.99	366.45 17.15 -212.63	572.47 15.44 -435.45	801.10 40.09 -449.41	964.88 58.20 -441.78	446.65 43.54 -46.78	614.40 64.69 -0.79	324.84 33.24 0.00	121.76 11.45 0.00	120.16 9.27 -0.51	73.51 4.59 0.00
RAVENSWOOD_GT2_4 24247	77.24 5.00 0.00	75.78 4.23 0.00	65.86 3.67 0.00	58.71 3.52 0.00	63.20 3.75 0.00	64.18 3.88 0.00	75.00 4.25 0.00	81.39 5.04 0.00	84.52 5.70 0.00	99.73 8.34 0.00	83.46 8.32 0.00	92.91 9.76 0.00	95.45 10.62 0.00	122.27 13.19 -7.99	366.45 17.15 -212.63	572.47 15.44 -435.45	801.10 40.09 -449.41	964.88 58.20 -441.78	446.65 43.54 -46.78	614.40 64.69 -0.79	324.84 33.24 0.00	121.76 11.45 0.00	120.16 9.27 -0.51	73.51 4.59 0.00
RAVENSWOOD_GT3_1 24248	77.17 4.93 0.00	75.73 4.19 0.00	65.82 3.63 0.00	58.66 3.47 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.32 4.97 0.00	84.48 5.65 0.00	99.65 8.26 0.00	83.38 8.25 0.00	92.83 9.68 0.00	95.39 10.56 0.00	122.17 13.10 -7.99	366.31 17.01 -212.63	572.35 15.31 -435.45	800.79 39.78 -449.41	964.41 57.74 -441.78	446.29 43.18 -46.78	613.99 64.28 -0.79	324.55 32.96 0.00	121.69 11.38 0.00	120.06 9.17 -0.51	73.45 4.53 0.00
RAVENSWOOD_GT3_2 24249	77.17 4.93 0.00	75.73 4.19 0.00	65.82 3.63 0.00	58.66 3.47 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.32 4.97 0.00	84.48 5.65 0.00	99.65 8.26 0.00	83.38 8.25 0.00	92.83 9.68 0.00	95.39 10.56 0.00	122.17 13.10 -7.99	366.31 17.01 -212.63	572.35 15.31 -435.45	800.79 39.78 -449.41	964.41 57.74 -441.78	446.29 43.18 -46.78	613.99 64.28 -0.79	324.55 32.96 0.00	121.69 11.38 0.00	120.06 9.17 -0.51	73.45 4.53 0.00
RAVENSWOOD_GT3_3 24250	77.39 5.14 0.00	75.90 4.36 0.00	65.97 3.78 0.00	58.81 3.62 0.00	63.31 3.85 0.00	64.27 3.97 0.00	75.13 4.38 0.00	81.53 5.17 0.00	84.69 5.86 0.00	99.93 8.54 0.00	83.62 8.49 0.00	93.11 9.96 0.00	95.66 10.83 0.00	122.48 13.41 -7.99	366.74 17.44 -212.63	572.74 15.71 -435.45	801.75 40.75 -449.41	965.85 59.17 -441.78	447.36 44.25 -46.78	615.68 65.97 -0.79	325.43 33.84 0.00	122.01 11.70 0.00	120.38 9.50 -0.51	73.64 4.71 0.00
RAVENSWOOD_GT3_4 24251	77.39 5.14 0.00	75.90 4.36 0.00	65.97 3.78 0.00	58.81 3.62 0.00	63.31 3.85 0.00	64.27 3.97 0.00	75.13 4.38 0.00	81.53 5.17 0.00	84.69 5.86 0.00	99.93 8.54 0.00	83.62 8.49 0.00	93.11 9.96 0.00	95.66 10.83 0.00	122.48 13.41 -7.99	366.74 17.44 -212.63	572.74 15.71 -435.45	801.75 40.75 -449.41	965.85 59.17 -441.78	447.36 44.25 -46.78	615.68 65.97 -0.79	325.43 33.84 0.00	122.01 11.70 0.00	120.38 9.50 -0.51	73.64 4.71 0.00
RAVENSWOOD_GT_1 23729	77.17 4.93 0.00	75.73 4.18 0.00	65.88 3.68 0.00	58.75 3.56 0.00	63.27 3.81 0.00	64.27 3.97 0.00	75.08 4.33 0.00	81.37 5.01 0.00	84.53 5.70 0.00	110.30 8.62 -10.29	100.05 8.53 -16.38	106.29 9.84 -13.30	103.22 10.77 -7.62	139.00 13.32 -24.60	392.07 17.28 -238.12	636.93 15.58 -499.77	818.47 40.34 -466.54	965.08 58.41 -441.78	446.55 43.44 -46.78	614.22 64.51 -0.79	324.69 33.09 0.00	121.65 11.34 0.00	119.97 9.08 -0.51	73.45 4.52 0.00
RAVENSWOOD_GT_10 24258	77.19 4.94 0.00	75.74 4.20 0.00	65.83 3.64 0.00	58.67 3.48 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.34 4.98 0.00	84.48 5.65 0.00	101.29 8.25 -1.64	85.93 8.25 -2.55	94.90 9.68 -2.07	96.57 10.55 -1.18	124.75 13.10 -10.57	370.27 17.01 -216.58	582.48 15.31 -445.59	803.51 39.78 -452.14	964.46 57.78 -441.78	446.29 43.18 -46.78	614.08 64.37 -0.79	324.55 32.96 0.00	121.71 11.40 0.00	120.09 9.20 -0.51	73.46 4.54 0.00
RAVENSWOOD_GT_11 24259	77.19 4.94 0.00	75.74 4.20 0.00	65.83 3.64 0.00	58.67 3.48 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.34 4.98 0.00	84.48 5.65 0.00	101.29 8.25 -1.64	85.93 8.25 -2.55	94.90 9.68 -2.07	96.57 10.55 -1.18	124.75 13.10 -10.57	370.27 17.01 -216.58	582.48 15.31 -445.59	803.51 39.78 -452.14	964.46 57.78 -441.78	446.29 43.18 -46.78	614.08 64.37 -0.79	324.55 32.96 0.00	121.71 11.40 0.00	120.09 9.20 -0.51	73.46 4.54 0.00
RAVENSWOOD_GT_4 24252	77.24 5.00 0.00	75.78 4.23 0.00	65.85 3.65 0.00	58.69 3.50 0.00	63.17 3.71 0.00	64.12 3.82 0.00	74.96 4.21 0.00	81.36 5.01 0.00	84.49 5.66 0.00	96.44 8.24 3.20	78.68 8.22 4.67	89.14 9.68 3.70	93.23 10.51 2.12	117.54 13.08 -3.37	359.23 17.02 -205.54	554.65 15.30 -417.77	796.07 39.77 -444.71	964.46 57.78 -441.78	446.44 43.33 -46.78	614.22 64.50 -0.79	324.77 33.18 0.00	121.76 11.46 0.00	120.16 9.27 -0.51	73.51 4.58 0.00
RAVENSWOOD_GT_5 24254	77.24 5.00 0.00	75.78 4.23 0.00	65.85 3.65 0.00	58.69 3.50 0.00	63.17 3.71 0.00	64.12 3.82 0.00	74.96 4.21 0.00	81.36 5.01 0.00	84.49 5.66 0.00	96.44 8.24 3.20	78.68 8.22 4.67	89.14 9.68 3.70	93.23 10.51 2.12	117.54 13.08 -3.37	359.23 17.02 -205.54	554.65 15.30 -417.77	796.07 39.77 -444.71	964.46 57.78 -441.78	446.44 43.33 -46.78	614.22 64.50 -0.79	324.77 33.18 0.00	121.76 11.46 0.00	120.16 9.27 -0.51	73.51 4.58 0.00
RAVENSWOOD_GT_6 24253	77.24 5.00 0.00	75.78 4.23 0.00	65.85 3.65 0.00	58.69 3.50 0.00	63.17 3.71 0.00	64.12 3.82 0.00	74.96 4.21 0.00	81.36 5.01 0.00	84.49 5.66 0.00	96.44 8.24 3.20	78.68 8.22 4.67	89.14 9.68 3.70	93.23 10.51 2.12	117.54 13.08 -3.37	359.23 17.02 -205.54	554.65 15.30 -417.77	796.07 39.77 -444.71	964.46 57.78 -441.78	446.44 43.33 -46.78	614.22 64.50 -0.79	324.77 33.18 0.00	121.76 11.46 0.00	120.16 9.27 -0.51	73.51 4.58 0.00
RAVENSWOOD_GT_7 24255	77.24 5.00 0.00	75.78 4.23 0.00	65.85 3.65 0.00	58.69 3.50 0.00	63.17 3.71 0.00	64.12 3.82 0.00	74.96 4.21 0.00	81.36 5.01 0.00	84.49 5.66 0.00	96.44 8.24 3.20	78.68 8.22 4.67	89.14 9.68 3.70	93.23 10.51 2.12	117.54 13.08 -3.37	359.23 17.02 -205.54	554.65 15.30 -417.77	796.07 39.77 -444.71	964.46 57.78 -441.78	446.44 43.33 -46.78	614.22 64.50 -0.79	324.77 33.18 0.00	121.76 11.46 0.00	120.16 9.27 -0.51	73.51 4.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	77.19 4.94 0.00	75.74 4.20 0.00	65.83 3.64 0.00	58.67 3.48 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.34 4.98 0.00	84.48 5.65 0.00	101.29 8.25 -1.64	85.93 8.25 -2.55	94.90 9.68 -2.07	96.57 10.55 -1.18	124.75 13.10 -10.57	370.27 17.01 -216.58	582.48 15.31 -445.59	803.51 39.78 -452.14	964.46 57.78 -441.78	446.29 43.18 -46.78	614.08 64.37 -0.79	324.55 32.96 0.00	121.71 11.40 0.00	120.09 9.20 -0.51	73.46 4.54 0.00
RAVENSWOOD_GT_9 24257	77.19 4.94 0.00	75.74 4.20 0.00	65.83 3.64 0.00	58.67 3.48 0.00	63.16 3.70 0.00	64.13 3.83 0.00	74.95 4.21 0.00	81.34 4.98 0.00	84.48 5.65 0.00	101.29 8.25 -1.64	85.93 8.25 -2.55	94.90 9.68 -2.07	96.57 10.55 -1.18	124.75 13.10 -10.57	370.27 17.01 -216.58	582.48 15.31 -445.59	803.51 39.78 -452.14	964.46 57.78 -441.78	446.29 43.18 -46.78	614.08 64.37 -0.79	324.55 32.96 0.00	121.71 11.40 0.00	120.09 9.20 -0.51	73.46 4.54 0.00

RAVENSWOOD___1 23533	77.10 4.86 0.00	75.65 4.11 0.00	65.83 3.63 0.00	58.72 3.53 0.00	63.23 3.76 0.00	64.24 3.94 0.00	75.03 4.29 0.00	81.32 4.96 0.00	84.46 5.63 0.00	107.75 8.53 -7.82	95.70 8.47 -12.10	102.70 9.79 -9.76	101.12 10.70 -5.59	134.51 13.25 -20.17	385.18 17.19 -231.32	619.65 15.38 -482.68	813.80 40.19 -462.02	964.93 58.26 -441.78	446.19 43.08 -46.78	613.69 63.97 -0.79	324.46 32.87 0.00	121.59 11.28 0.00	119.90 9.02 -0.51	73.42 4.49 0.00
RAVENSWOOD___2 23534	76.59 4.35 0.00	75.16 3.62 0.00	65.47 3.28 0.00	58.46 3.27 0.00	63.06 3.61 0.00	64.09 3.79 0.00	74.78 4.04 0.00	80.76 4.40 0.00	83.80 4.97 0.00	107.52 8.37 -7.75	92.07 8.43 -8.51	99.05 9.74 -6.16	99.01 10.65 -3.53	129.95 13.18 -15.68	378.20 17.10 -224.43	602.24 15.31 -465.35	809.13 39.91 -457.63	963.74 57.06 -441.78	444.05 40.94 -46.78	609.91 60.20 -0.79	322.52 30.93 0.00	120.83 10.52 0.00	119.02 8.14 -0.51	72.89 3.97 0.00
RAVENSWOOD___3 23535	77.18 4.94 0.00	75.73 4.19 0.00	65.83 3.64 0.00	58.67 3.48 0.00	63.17 3.71 0.00	64.13 3.83 0.00	74.95 4.20 0.00	81.33 4.97 0.00	84.48 5.65 0.00	99.66 8.26 0.00	83.37 8.23 0.00	92.84 9.69 0.00	95.36 10.53 0.00	122.18 13.10 -7.99	366.33 17.04 -212.63	572.35 15.32 -435.45	800.80 39.79 -449.41	964.52 57.85 -441.78	446.32 43.21 -46.78	613.87 64.16 -0.79	324.59 33.00 0.00	121.70 11.39 0.00	120.06 9.17 -0.51	73.46 4.53 0.00
RAVENSWOOD___4 23820	77.03 4.79 0.00	75.59 4.05 0.00	65.77 3.57 0.00	58.67 3.48 0.00	63.18 3.72 0.00	64.19 3.90 0.00	74.98 4.23 0.00	81.25 4.89 0.00	84.42 5.59 0.00	105.16 8.45 -5.32	91.31 8.43 -7.75	99.05 9.74 -6.16	99.01 10.65 -3.53	129.95 13.18 -15.68	378.20 17.10 -224.43	602.24 15.31 -465.35	809.07 40.04 -457.43	964.63 57.95 -441.78	445.95 42.84 -46.78	613.23 63.52 -0.79	324.26 32.66 0.00	121.50 11.19 0.00	119.82 8.93 -0.51	73.36 4.43 0.00
RCPL_TRUST___DRP 24196	77.36 5.12 0.00	75.86 4.32 0.00	65.91 3.71 0.00	58.75 3.55 0.00	63.22 3.76 0.00	64.19 3.89 0.00	75.06 4.31 0.00	81.46 5.11 0.00	84.63 5.80 0.00	99.91 8.51 0.00	83.64 8.51 0.00	93.13 9.98 0.00	95.68 10.85 0.00	122.55 13.48 -7.99	366.83 17.56 -212.60	572.77 15.80 -435.39	801.82 40.88 -449.35	965.79 59.17 -441.72	447.34 44.24 -46.77	615.31 65.60 -0.79	325.23 33.64 0.00	121.96 11.65 0.00	120.33 9.44 -0.51	73.58 4.66 0.00
RED___ROCHESTER 323720	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.64 0.34 0.00	70.89 0.14 0.00	76.80 0.45 0.00	80.56 1.73 0.00	93.47 2.08 0.00	77.52 2.39 0.00	86.11 2.96 0.00	86.70 1.86 0.00	103.12 2.03 0.00	140.30 3.63 0.00	125.15 3.57 0.00	319.70 8.11 0.00	479.25 14.35 0.00	365.14 8.81 0.00	560.84 11.92 0.00	296.88 5.28 0.00	111.00 0.69 0.00	111.61 1.23 0.00	69.97 1.05 0.00
REGAN___SOLAR 323812	78.18 5.94 0.00	77.07 5.53 0.00	66.92 4.73 0.00	59.20 4.01 0.00	63.71 4.25 0.00	64.75 4.45 0.00	75.81 5.06 0.00	80.55 4.20 0.00	82.44 3.61 0.00	94.24 2.85 0.00	76.93 1.79 0.00	85.49 2.34 0.00	86.92 2.09 0.00	103.34 2.25 0.00	139.38 2.71 0.00	124.45 2.87 0.00	321.58 9.99 0.00	483.28 18.39 0.00	376.99 20.65 0.00	593.64 44.72 0.00	318.60 27.00 0.00	120.09 9.78 0.00	120.71 9.25 -1.07	74.25 5.33 0.00
RENSSELAER___COGEN 23796	73.09 0.85 0.00	72.34 0.80 0.00	62.96 0.76 0.00	55.96 0.77 0.00	60.32 0.87 0.00	61.22 0.92 0.00	71.62 0.87 0.00	77.37 1.02 0.00	79.77 0.94 0.00	92.90 1.51 0.00	76.88 1.75 0.00	85.34 2.19 0.00	87.37 2.54 0.00	104.33 3.24 0.00	140.66 4.00 0.00	124.81 3.23 0.00	318.88 7.29 0.00	476.12 11.23 0.00	365.82 9.49 0.00	563.27 14.36 0.00	299.66 8.07 0.00	112.94 2.63 0.00	103.30 1.96 9.04	69.48 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	81.37 9.13 0.00	80.30 8.76 0.00	68.96 6.76 0.00	61.07 5.88 0.00	66.12 6.66 0.00	66.98 6.68 0.00	79.60 8.85 0.00	85.67 9.31 0.00	88.53 9.70 0.00	102.76 11.37 0.00	84.90 9.77 0.00	94.27 11.12 0.00	96.60 11.77 0.00	115.34 14.25 0.00	155.23 18.56 0.00	136.59 15.01 0.00	345.42 33.83 0.00	520.67 55.78 0.00	405.47 49.13 0.00	630.43 81.51 0.00	337.87 46.27 0.00	126.22 15.92 0.00	127.81 15.39 -2.03	77.01 8.08 0.00
REVERE_CPPR_DRP 24186	76.21 3.97 0.00	75.28 3.74 0.00	65.28 3.09 0.00	57.94 2.75 0.00	62.21 2.75 0.00	63.12 2.82 0.00	74.30 3.56 0.00	80.31 3.96 0.00	82.66 3.84 0.00	95.76 4.37 0.00	79.06 3.93 0.00	86.98 3.83 0.00	88.09 3.26 0.00	105.02 3.93 0.00	142.09 5.42 0.00	126.54 4.96 0.00	324.96 13.37 0.00	485.84 20.95 0.00	373.73 17.40 0.00	578.46 29.54 0.00	308.79 17.19 0.00	116.74 6.44 0.00	117.48 6.12 -0.98	73.02 3.43 -0.67
REYNLDPA_13_KV_LD 356490	70.71 -1.53 0.00	70.94 -0.60 0.00	61.76 -0.43 0.00	54.89 -0.30 0.00	59.33 -0.12 0.00	60.03 -0.27 0.00	70.51 -0.24 0.00	75.81 -0.55 0.00	78.48 -0.34 0.00	90.26 -1.13 0.00	72.39 -2.74 0.00	80.30 -2.85 0.00	81.85 -2.99 0.00	96.87 -4.21 0.00	130.12 -6.55 0.00	116.04 -5.54 0.00	297.99 -13.61 0.00	444.64 -20.25 0.00	341.40 -14.93 0.00	528.15 -20.76 0.00	280.20 -11.40 0.00	106.55 -3.76 0.00	107.77 -2.62 0.00	67.77 -1.15 0.00
REYNOLDS_115KV_TB3 80639	73.87 1.63 0.00	73.10 1.56 0.00	63.54 1.35 0.00	56.50 1.31 0.00	60.96 1.50 0.00	61.84 1.54 0.00	72.40 1.65 0.00	78.23 1.88 0.00	80.71 1.88 0.00	94.04 2.64 0.00	77.83 2.70 0.00	86.40 3.25 0.00	88.43 3.60 0.00	106.11 4.53 -0.49	155.44 5.70 -13.07	152.78 4.44 -26.76	349.83 10.62 -27.62	508.39 16.35 -27.15	372.85 13.64 -2.88	569.69 20.72 -0.05	303.12 11.53 0.00	114.25 3.94 0.00	119.58 3.34 -5.86	70.21 1.28 0.00
RIVERBAY____ 323610	80.29 8.05 0.00	78.80 7.27 0.00	68.55 6.36 0.00	61.09 5.90 0.00	65.78 6.32 0.00	66.92 6.62 0.00	78.23 7.48 0.00	84.88 8.52 0.00	88.15 9.32 0.00	105.35 12.74 -1.21	88.78 11.81 -1.84	97.87 13.24 -1.48	99.78 14.10 -0.84	128.36 17.43 -9.84	375.02 22.89 -215.46	585.02 20.72 -442.73	815.84 52.87 -451.38	984.65 77.97 -441.78	461.11 58.00 -46.78	636.81 87.10 -0.79	336.94 45.35 0.00	126.02 15.71 0.00	124.58 13.69 -0.51	76.36 7.44 0.00
RIVERSDE_115KV_TB3 55908	73.74 1.49 0.00	72.97 1.42 0.00	63.45 1.26 0.00	56.40 1.20 0.00	60.83 1.37 0.00	61.72 1.43 0.00	72.24 1.49 0.00	78.07 1.71 0.00	80.54 1.72 0.00	93.81 2.42 0.00	77.68 2.55 0.00	86.24 3.09 0.00	88.28 3.44 0.00	105.79 4.33 -0.37	152.05 5.48 -9.90	146.23 4.38 -20.27	342.98 10.46 -20.92	501.47 16.00 -20.57	371.85 13.34 -2.18	568.99 20.04 -0.04	302.57 10.97 0.00	114.04 3.73 0.00	115.86 3.07 -2.41	70.09 1.16 0.00
ROARING___BROOK_WT_PWR 323790	71.37 -0.87 0.00	71.11 -0.43 0.00	61.92 -0.27 0.00	55.07 -0.13 0.00	59.30 -0.15 0.00	60.04 -0.26 0.00	70.55 -0.20 0.00	76.17 -0.19 0.00	78.64 -0.18 0.00	91.03 -0.37 0.00	74.53 -0.60 0.00	82.34 -0.81 0.00	83.91 -0.93 0.00	99.80 -1.29 0.00	134.79 -1.88 0.00	120.06 -1.52 0.00	307.92 -3.67 0.00	459.10 -5.79 0.00	351.70 -4.64 0.00	541.77 -7.15 0.00	288.09 -3.50 0.00	109.03 -1.28 0.00	109.13 -1.25 0.00	68.19 -0.73 0.00

ROCHESRG_115KV_T4 355643	73.77 1.53 0.00	72.09 0.55 0.00	62.53 0.34 0.00	54.79 -0.40 0.00	58.56 -0.90 0.00	59.70 -0.60 0.00	69.77 -0.98 0.00	75.53 -0.83 0.00	79.15 0.33 0.00	91.81 0.41 0.00	76.02 0.88 0.00	84.45 1.30 0.00	84.91 0.08 0.00	101.00 -0.08 0.00	137.27 0.60 0.00	122.39 0.81 0.00	312.81 1.21 0.00	468.45 3.56 0.00	357.02 0.69 0.00	549.13 0.22 0.00	291.58 -0.01 0.00	109.06 -1.24 0.00	109.71 -0.67 0.00	68.87 -0.06 0.00
ROCHESTER_9_IC 23652	74.47 2.23 0.00	72.74 1.20 0.00	63.06 0.87 0.00	55.25 0.06 0.00	59.04 -0.41 0.00	60.18 -0.12 0.00	70.34 -0.41 0.00	76.18 -0.18 0.00	79.90 1.07 0.00	92.67 1.27 0.00	76.79 1.66 0.00	85.29 2.14 0.00	85.79 0.96 0.00	102.07 0.98 0.00	138.71 2.04 0.00	123.73 2.15 0.00	316.25 4.66 0.00	473.52 8.62 0.00	360.85 4.52 0.00	554.90 5.98 0.00	294.51 2.92 0.00	110.08 -0.23 0.00	110.70 0.32 0.00	69.43 0.50 0.00
ROCKVIEW_13_KV_LD 356306	77.64 5.40 0.00	76.14 4.60 0.00	66.11 3.92 0.00	58.85 3.66 0.00	63.31 3.86 0.00	64.29 3.99 0.00	75.22 4.48 0.00	81.64 5.29 0.00	84.75 5.92 0.00	100.05 8.46 -0.20	83.56 8.43 0.00	93.07 9.92 0.00	95.59 10.75 0.00	122.46 13.39 -7.99	366.86 17.57 -212.62	574.02 15.80 -436.64	802.61 41.11 -449.91	967.22 60.56 -441.76	448.69 45.58 -46.78	617.46 67.75 -0.79	326.47 34.87 0.00	122.48 12.17 0.00	120.98 10.09 -0.51	73.95 5.03 0.00
ROME____115KV_TB2 80656	76.21 3.97 0.00	75.28 3.74 0.00	65.28 3.09 0.00	57.94 2.75 0.00	62.21 2.75 0.00	63.12 2.82 0.00	74.30 3.56 0.00	80.31 3.96 0.00	82.66 3.84 0.00	95.76 4.37 0.00	79.06 3.93 0.00	86.98 3.83 0.00	88.09 3.26 0.00	105.02 3.93 0.00	142.09 5.42 0.00	126.54 4.96 0.00	324.96 13.37 0.00	485.84 20.95 0.00	373.73 17.40 0.00	578.46 29.54 0.00	308.79 17.19 0.00	116.74 6.44 0.00	117.48 6.12 -0.98	73.02 3.43 -0.67
ROSETON___1 23587	76.06 3.82 0.00	74.75 3.21 0.00	64.91 2.72 0.00	57.74 2.55 0.00	62.16 2.70 0.00	63.08 2.78 0.00	73.83 3.08 0.00	80.03 3.68 0.00	82.90 4.08 0.00	97.39 5.99 0.00	81.26 6.13 0.00	90.44 7.29 0.00	92.79 7.95 0.00	117.63 9.89 -6.66	326.91 12.94 -177.31	496.06 11.36 -363.11	716.11 29.76 -374.76	877.40 44.11 -368.39	428.58 33.23 -39.01	599.16 49.59 -0.66	317.23 25.64 0.00	119.21 8.90 0.00	118.19 7.36 -0.45	72.49 3.56 0.00
ROSETON___2 23588	76.06 3.82 0.00	74.75 3.21 0.00	64.91 2.72 0.00	57.74 2.55 0.00	62.16 2.70 0.00	63.08 2.78 0.00	73.83 3.08 0.00	80.03 3.68 0.00	82.90 4.08 0.00	97.39 5.99 0.00	81.26 6.13 0.00	90.44 7.29 0.00	92.79 7.95 0.00	117.63 9.89 -6.66	326.91 12.94 -177.31	496.06 11.36 -363.11	716.11 29.76 -374.76	877.40 44.11 -368.39	428.58 33.23 -39.01	599.16 49.59 -0.66	317.23 25.64 0.00	119.21 8.90 0.00	118.19 7.36 -0.45	72.49 3.56 0.00
ROTTRDAM_115KV_TB3 80664	74.90 2.66 0.00	74.02 2.48 0.00	64.31 2.12 0.00	57.08 1.89 0.00	61.50 2.05 0.00	62.41 2.12 0.00	73.18 2.43 0.00	79.02 2.66 0.00	81.50 2.68 0.00	94.67 3.28 0.00	78.13 3.00 0.00	86.75 3.59 0.00	88.63 3.79 0.00	105.77 4.69 0.00	142.70 6.03 0.00	126.60 5.02 0.00	324.62 13.02 0.00	485.37 20.48 0.00	373.35 17.02 0.00	575.86 26.94 0.00	306.45 14.86 0.00	115.46 5.15 0.00	116.09 4.53 -1.18	71.19 2.26 0.00
RUSSELL___1 23602	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
RUSSELL___2 23532	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
RUSSELL___3 23549	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
RUSSELL___4 23556	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
RUSSELL___STATION 23914	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
S SALMON___HYD 24043	72.09 -0.15 0.00	71.27 -0.27 0.00	61.82 -0.37 0.00	54.81 -0.38 0.00	58.77 -0.68 0.00	59.71 -0.59 0.00	70.28 -0.47 0.00	76.03 -0.33 0.00	78.45 -0.38 0.00	90.50 -0.89 0.00	74.33 -0.80 0.00	82.03 -1.12 0.00	83.18 -1.65 0.00	98.94 -2.15 0.00	134.08 -2.59 0.00	119.36 -2.22 0.00	305.00 -6.59 0.00	455.39 -9.50 0.00	348.83 -7.50 0.00	540.58 -8.33 0.00	289.43 -2.17 0.00	110.26 -0.05 0.00	113.95 -0.73 -4.30	71.28 -0.59 -2.95
S.PERRY___115KV_TB1 80734	74.82 2.57 0.00	72.83 1.28 0.00	63.12 0.93 0.00	55.46 0.26 0.00	59.31 -0.15 0.00	60.61 0.31 0.00	70.98 0.23 0.00	76.45 0.09 0.00	79.59 0.77 0.00	91.73 0.33 0.00	76.11 0.98 0.00	84.77 1.62 0.00	83.88 -0.95 0.00	97.45 -3.64 0.00	134.00 -2.67 0.00	119.80 -1.78 0.00	305.29 -6.30 0.00	458.03 -6.87 0.00	354.63 -1.71 0.00	551.24 2.32 0.00	293.44 1.85 0.00	109.28 -1.03 0.00	113.74 3.36 0.00	70.51 1.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	72.92 0.67 0.00	70.96 -0.58 0.00	61.64 -0.55 0.00	53.73 -1.46 0.00	57.19 -2.26 0.00	58.40 -1.89 0.00	67.99 -2.76 0.00	73.57 -2.78 0.00	77.88 -0.95 0.00	90.10 -1.30 0.00	74.77 -0.37 0.00	83.21 0.06 0.00	82.82 -2.01 0.00	98.36 -2.73 0.00	133.93 -2.74 0.00	119.58 -2.00 0.00	307.06 -4.53 0.00	461.31 -3.59 0.00	350.16 -6.17 0.00	538.43 -10.49 0.00	285.09 -6.50 0.00	105.92 -4.39 0.00	107.23 -3.15 0.00	67.84 -1.08 0.00

SAWYER___23_KV_LOAD 55526	72.92 0.67 0.00	70.96 -0.58 0.00	61.64 -0.55 0.00	53.73 -1.46 0.00	57.19 -2.26 0.00	58.40 -1.89 0.00	67.99 -2.76 0.00	73.57 -2.78 0.00	77.88 -0.95 0.00	90.10 -1.30 0.00	74.77 -0.37 0.00	83.21 0.06 0.00	82.82 -2.01 0.00	98.36 -2.73 0.00	133.93 -2.74 0.00	119.58 -2.00 0.00	307.06 -4.53 0.00	461.31 -3.59 0.00	350.16 -6.17 0.00	538.43 -10.49 0.00	285.09 -6.50 0.00	105.92 -4.39 0.00	107.23 -3.15 0.00	67.84 -1.08 0.00
SELKIRK___I 23801	72.35 0.11 0.00	71.72 0.18 0.00	62.48 0.29 0.00	55.47 0.27 0.00	59.79 0.33 0.00	60.65 0.35 0.00	70.89 0.15 0.00	76.34 -0.02 0.00	78.47 -0.36 0.00	91.31 -0.09 0.00	51.24 0.22 24.11	83.60 0.44 0.00	85.56 0.73 0.00	102.03 0.94 0.00	137.46 0.79 0.00	121.93 0.34 0.00	311.72 0.13 0.00	465.95 1.06 0.00	359.19 2.85 0.00	553.61 4.70 0.00	294.85 3.25 0.00	111.25 0.95 0.00	106.25 0.38 4.51	68.70 -0.23 0.00
SELKIRK___II 23799	72.88 0.64 0.00	72.18 0.64 0.00	62.87 0.67 0.00	55.85 0.65 0.00	60.18 0.73 0.00	61.06 0.77 0.00	71.42 0.67 0.00	77.12 0.77 0.00	79.47 0.65 0.00	92.55 1.15 0.00	-10.73 1.43 87.29	84.94 1.79 0.00	86.93 2.10 0.00	103.80 2.71 0.00	140.09 3.42 0.00	124.19 2.61 0.00	317.57 5.98 0.00	474.14 9.25 0.00	364.05 7.72 0.00	560.31 11.39 0.00	298.04 6.45 0.00	112.35 2.04 0.00	106.53 1.38 5.24	69.24 0.31 0.00
SENECA OSWGO___HYD 24041	71.34 -0.90 0.00	70.24 -1.30 0.00	60.99 -1.20 0.00	54.03 -1.16 0.00	57.97 -1.48 0.00	59.01 -1.29 0.00	69.27 -1.48 0.00	74.90 -1.46 0.00	77.35 -1.47 0.00	89.70 -1.69 0.00	74.11 -1.02 0.00	82.12 -1.03 0.00	83.56 -1.27 0.00	99.73 -1.36 0.00	135.14 -1.53 0.00	120.27 -1.31 0.00	306.81 -4.78 0.00	457.41 -7.49 0.00	349.89 -6.44 0.00	538.34 -10.58 0.00	286.83 -4.77 0.00	108.64 -1.67 0.00	115.00 -1.90 -6.52	72.31 -1.08 -4.47
SENECA___115KV_TB3 355854	73.63 1.39 0.00	71.59 0.05 0.00	62.10 -0.10 0.00	54.25 -0.94 0.00	57.76 -1.69 0.00	59.00 -1.30 0.00	68.76 -1.99 0.00	74.47 -1.88 0.00	78.76 -0.07 0.00	91.19 -0.20 0.00	75.76 0.63 0.00	84.39 1.24 0.00	84.08 -0.76 0.00	99.92 -1.17 0.00	136.13 -0.54 0.00	121.54 -0.04 0.00	312.51 0.92 0.00	469.48 4.58 0.00	356.53 0.20 0.00	547.98 -0.93 0.00	289.91 -1.68 0.00	107.69 -2.62 0.00	108.77 -1.61 0.00	68.63 -0.29 0.00
SENECA___ENERGY 23797	73.47 1.22 0.00	71.95 0.41 0.00	62.29 0.10 0.00	55.02 -0.18 0.00	58.96 -0.50 0.00	60.10 -0.20 0.00	70.46 -0.28 0.00	76.30 -0.06 0.00	79.23 0.40 0.00	92.03 0.63 0.00	76.36 1.23 0.00	84.78 1.63 0.00	86.13 1.30 0.00	102.55 1.47 0.00	139.43 2.77 0.00	124.04 2.46 0.00	316.76 5.17 0.00	473.69 8.79 0.00	362.88 6.55 0.00	558.38 9.46 0.00	296.40 4.81 0.00	111.39 1.09 0.00	113.71 0.71 -2.62	71.12 0.40 -1.79
SHOEMAKER___GT 23640	76.02 3.78 0.00	74.69 3.15 0.00	64.83 2.63 0.00	57.63 2.43 0.00	62.00 2.54 0.00	62.94 2.64 0.00	73.71 2.97 0.00	79.88 3.53 0.00	82.66 3.83 0.00	96.84 5.45 0.00	80.71 5.58 0.00	89.75 6.60 0.00	91.99 7.16 0.00	116.32 8.94 -6.29	315.88 11.90 -167.31	474.88 10.65 -342.65	693.57 28.35 -353.63	855.17 42.65 -347.63	425.90 32.75 -36.81	599.08 49.54 -0.62	317.14 25.55 0.00	119.19 8.88 0.00	118.12 7.34 -0.40	72.52 3.60 0.00
SHOEMAKR_138KV_BK 111 55601	75.96 3.72 0.00	74.63 3.09 0.00	64.78 2.58 0.00	57.58 2.39 0.00	61.97 2.52 0.00	62.90 2.60 0.00	73.67 2.92 0.00	79.82 3.47 0.00	82.63 3.80 0.00	96.88 5.48 0.00	80.76 5.63 0.00	89.84 6.69 0.00	92.10 7.26 0.00	116.34 9.06 -6.19	313.47 12.04 -164.76	469.79 10.78 -337.42	688.40 28.57 -348.24	850.11 42.88 -342.33	425.37 32.79 -36.25	598.89 49.36 -0.61	317.11 25.52 0.00	119.09 8.78 0.00	118.03 7.25 -0.40	72.46 3.53 0.00
SHOREHAM_IC_1 23715	85.31 5.85 -7.21	78.35 4.86 -1.95	74.74 4.41 -8.13	63.33 3.91 -4.24	67.66 3.93 -4.28	66.50 4.29 -1.91	76.13 4.93 -0.44	82.80 5.78 -0.66	85.73 6.45 -0.46	97.58 8.12 1.93	93.67 8.10 -10.44	163.38 10.27 -69.97	246.77 11.17 -150.77	252.79 13.85 -137.86	383.11 17.84 -228.59	616.28 14.52 -480.18	817.14 31.95 -473.60	1008.09 51.92 -491.28	515.63 40.17 -119.13	673.26 69.26 -55.08	380.91 36.12 -53.20	249.49 13.08 -126.10	192.80 10.31 -72.11	86.12 4.85 -12.34
SHOREHAM_IC_2 23716	85.30 5.85 -7.21	78.35 4.87 -1.95	74.73 4.41 -8.13	63.33 3.90 -4.24	67.66 3.92 -4.28	66.49 4.29 -1.91	76.13 4.94 -0.44	82.80 5.78 -0.66	85.75 6.46 -0.46	97.58 8.12 1.93	93.80 8.23 -10.44	163.43 10.31 -69.97	246.85 11.25 -150.77	252.78 13.84 -137.86	383.07 17.81 -228.59	616.43 14.67 -480.18	817.19 31.99 -473.60	1008.02 51.85 -491.28	515.65 40.18 -119.13	673.54 69.54 -55.08	380.99 36.19 -53.20	249.45 13.04 -126.10	192.83 10.34 -72.11	86.12 4.86 -12.34
SISSONVILLE____ 23735	71.38 -0.87 0.00	70.72 -0.82 0.00	61.80 -0.39 0.00	54.98 -0.21 0.00	59.37 -0.08 0.00	60.04 -0.26 0.00	70.62 -0.13 0.00	75.91 -0.44 0.00	78.35 -0.48 0.00	88.67 -2.73 0.00	71.12 -4.02 0.00	77.29 -5.86 0.00	78.35 -6.48 0.00	92.62 -8.47 0.00	125.27 -11.40 0.00	111.82 -9.76 0.00	286.93 -24.67 0.00	428.21 -36.69 0.00	330.15 -26.19 0.00	516.03 -32.89 0.00	275.61 -15.99 0.00	105.51 -4.80 0.00	107.83 -3.11 -0.56	67.96 -1.35 -0.38
SITHE_IND_GS1 24169	70.57 -1.68 0.00	69.52 -2.02 0.00	60.43 -1.77 0.00	53.52 -1.67 0.00	57.47 -1.99 0.00	58.49 -1.80 0.00	68.60 -2.15 0.00	74.15 -2.21 0.00	76.58 -2.25 0.00	88.73 -2.66 0.00	73.19 -1.94 0.00	81.13 -2.02 0.00	82.57 -2.26 0.00	98.45 -2.64 0.00	133.41 -3.25 0.00	118.81 -2.77 0.00	303.54 -8.05 0.00	452.79 -12.10 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.54 -8.06 0.00	107.17 -3.14 0.00	88.16 -3.20 19.02	54.06 -1.84 13.03
SITHE_IND_GS2 24170	70.57 -1.68 0.00	69.52 -2.02 0.00	60.43 -1.77 0.00	53.52 -1.67 0.00	57.47 -1.99 0.00	58.49 -1.80 0.00	68.60 -2.15 0.00	74.15 -2.21 0.00	76.58 -2.25 0.00	88.73 -2.66 0.00	73.19 -1.94 0.00	81.13 -2.02 0.00	82.57 -2.26 0.00	98.45 -2.64 0.00	133.41 -3.25 0.00	118.81 -2.77 0.00	303.54 -8.05 0.00	452.79 -12.10 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.54 -8.06 0.00	107.17 -3.14 0.00	88.16 -3.20 19.02	54.06 -1.84 13.03
SITHE_IND_GS3 24171	70.57 -1.68 0.00	69.52 -2.02 0.00	60.43 -1.77 0.00	53.52 -1.67 0.00	57.47 -1.99 0.00	58.49 -1.80 0.00	68.60 -2.15 0.00	74.15 -2.21 0.00	76.58 -2.25 0.00	88.73 -2.66 0.00	73.19 -1.94 0.00	81.13 -2.02 0.00	82.57 -2.26 0.00	98.45 -2.64 0.00	133.41 -3.25 0.00	118.81 -2.77 0.00	303.54 -8.05 0.00	452.79 -12.10 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.54 -8.06 0.00	107.17 -3.14 0.00	88.16 -3.20 19.02	54.06 -1.84 13.03
SITHE_IND_GS4 24172	70.57 -1.68 0.00	69.52 -2.02 0.00	60.43 -1.77 0.00	53.52 -1.67 0.00	57.47 -1.99 0.00	58.49 -1.80 0.00	68.60 -2.15 0.00	74.15 -2.21 0.00	76.58 -2.25 0.00	88.73 -2.66 0.00	73.19 -1.94 0.00	81.13 -2.02 0.00	82.57 -2.26 0.00	98.45 -2.64 0.00	133.41 -3.25 0.00	118.81 -2.77 0.00	303.54 -8.05 0.00	452.79 -12.10 0.00	346.36 -9.98 0.00	532.91 -16.01 0.00	283.54 -8.06 0.00	107.17 -3.14 0.00	88.16 -3.20 19.02	54.06 -1.84 13.03

SITHE___BATAVIA 24024	75.56 3.32 0.00	73.51 1.97 0.00	63.84 1.64 0.00	55.65 0.46 0.00	59.32 -0.13 0.00	60.60 0.30 0.00	70.70 -0.05 0.00	76.36 0.00 0.00	80.38 1.55 0.00	93.12 1.73 0.00	77.16 2.03 0.00	85.00 1.85 0.00	84.61 -0.22 0.00	100.12 -0.97 0.00	135.73 -0.94 0.00	121.09 -0.49 0.00	310.36 -1.23 0.00	470.78 5.88 0.00	357.94 1.60 0.00	551.42 2.51 0.00	292.13 0.54 0.00	109.05 -1.26 0.00	111.66 1.28 0.00	70.35 1.42 0.00
SITHE___INDEPEND 23800	70.56 -1.68 0.00	69.52 -2.02 0.00	60.43 -1.77 0.00	53.53 -1.67 0.00	57.47 -1.99 0.00	58.50 -1.80 0.00	68.60 -2.15 0.00	74.16 -2.20 0.00	76.58 -2.25 0.00	88.73 -2.67 0.00	73.19 -1.95 0.00	81.13 -2.02 0.00	82.56 -2.27 0.00	98.44 -2.65 0.00	133.41 -3.26 0.00	118.81 -2.77 0.00	303.57 -8.02 0.00	452.70 -12.20 0.00	346.31 -10.02 0.00	532.72 -16.19 0.00	283.55 -8.04 0.00	107.17 -3.13 0.00	88.16 -3.20 19.02	54.06 -1.84 13.03
SITHE___MASSENA 23902	71.38 -0.87 0.00	70.69 -0.85 0.00	61.78 -0.42 0.00	54.92 -0.27 0.00	59.33 -0.13 0.00	60.03 -0.27 0.00	70.51 -0.24 0.00	75.81 -0.55 0.00	78.39 -0.43 0.00	89.44 -1.95 0.00	72.15 -2.98 0.00	79.32 -3.83 0.00	80.74 -4.09 0.00	95.57 -5.51 0.00	129.37 -7.30 0.00	115.66 -5.93 0.00	296.90 -14.69 0.00	442.99 -21.91 0.00	340.61 -15.72 0.00	528.67 -20.25 0.00	280.90 -10.70 0.00	106.96 -3.35 0.00	108.50 -1.89 0.00	68.24 -0.68 0.00
SITHE___OGDNSBRG 24021	72.80 0.56 0.00	72.14 0.60 0.00	62.97 0.78 0.00	55.99 0.80 0.00	60.53 1.08 0.00	61.23 0.93 0.00	71.99 1.24 0.00	77.13 0.78 0.00	79.37 0.54 0.00	89.75 -1.65 0.00	71.74 -3.39 0.00	78.43 -4.72 0.00	79.80 -5.03 0.00	94.45 -6.63 0.00	127.82 -8.85 0.00	114.32 -7.26 0.00	292.67 -18.92 0.00	437.24 -27.65 0.00	337.44 -18.89 0.00	529.02 -19.89 0.00	283.93 -7.67 0.00	108.55 -1.76 0.00	110.08 -0.30 0.00	69.29 0.36 0.00
SITHE___STERLING 23777	75.47 3.23 0.00	74.45 2.91 0.00	64.56 2.37 0.00	57.29 2.10 0.00	61.51 2.05 0.00	62.47 2.18 0.00	73.45 2.70 0.00	79.33 2.97 0.00	81.71 2.89 0.00	94.68 3.28 0.00	78.26 3.13 0.00	86.25 3.10 0.00	87.42 2.59 0.00	104.20 3.11 0.00	141.02 4.36 0.00	125.50 3.92 0.00	322.11 10.52 0.00	481.51 16.61 0.00	369.92 13.59 0.00	571.64 22.72 0.00	304.76 13.17 0.00	115.16 4.85 0.00	116.40 4.94 -1.08	72.41 2.75 -0.74
SLEIGHT__34_KV_TB1 80719	73.84 1.60 0.00	72.29 0.75 0.00	62.58 0.39 0.00	55.03 -0.17 0.00	58.96 -0.49 0.00	60.10 -0.20 0.00	70.35 -0.39 0.00	76.18 -0.18 0.00	79.36 0.53 0.00	91.97 0.58 0.00	76.22 1.09 0.00	84.73 1.58 0.00	85.60 0.77 0.00	101.89 0.81 0.00	138.54 1.87 0.00	123.47 1.89 0.00	315.33 3.74 0.00	471.85 6.95 0.00	360.65 4.31 0.00	555.08 6.17 0.00	294.90 3.31 0.00	110.57 0.26 0.00	111.52 0.35 -0.79	69.79 0.32 -0.54
SMITHTWN_69_KV_BK 1 55830	86.29 6.66 -7.40	79.36 5.73 -2.08	75.75 5.27 -8.28	64.33 4.74 -4.40	68.77 4.86 -4.45	67.42 5.14 -1.98	77.07 5.86 -0.46	83.89 6.84 -0.69	86.85 7.54 -0.48	98.84 9.35 1.90	116.90 9.07 -32.69	295.16 11.02 -200.99	507.89 11.98 -411.08	438.64 14.62 -322.94	403.12 18.97 -247.48	643.95 17.14 -505.23	828.41 43.15 -473.67	1023.76 65.78 -493.09	572.84 50.06 -166.45	710.59 76.22 -85.45	436.23 38.83 -105.81	399.05 13.74 -275.00	337.32 11.02 -215.92	117.66 5.60 -43.13
SOUTH CAIRO___GT 23612	76.07 3.83 0.00	75.12 3.58 0.00	65.26 3.06 0.00	57.89 2.69 0.00	62.38 2.93 0.00	63.36 3.06 0.00	74.26 3.51 0.00	80.22 3.86 0.00	82.29 3.47 0.00	95.18 3.78 0.00	47.91 3.47 30.69	86.98 3.83 0.00	88.93 4.10 0.00	107.41 5.19 -1.13	173.73 6.98 -30.08	189.67 6.49 -61.60	391.28 16.12 -63.57	554.20 26.81 -62.49	388.75 25.80 -6.62	590.06 41.03 -0.11	314.69 23.10 0.00	118.46 8.15 0.00	112.52 6.98 4.84	72.44 3.52 0.00
SOUTH HAMPTN___IC 23720	86.68 7.29 -7.15	79.62 6.18 -1.90	75.62 5.36 -8.07	63.97 4.61 -4.18	68.43 4.75 -4.23	67.54 5.35 -1.88	77.50 6.31 -0.44	84.18 7.17 -0.65	87.40 8.13 -0.45	99.69 10.26 1.96	93.62 10.10 -8.39	153.87 12.76 -57.96	225.34 13.59 -126.92	238.49 16.62 -120.78	384.98 21.75 -226.55	618.07 19.25 -477.24	830.82 46.09 -473.14	1028.26 73.00 -490.36	527.52 56.91 -114.27	689.53 88.48 -52.13	384.35 44.44 -48.31	238.57 15.83 -112.43	182.19 12.85 -58.96	84.73 6.31 -9.49
SOUTHDOW_115KV_TB1 355954	74.94 2.70 0.00	72.47 0.93 0.00	62.71 0.52 0.00	55.02 -0.17 0.00	58.57 -0.89 0.00	60.02 -0.28 0.00	70.36 -0.39 0.00	76.60 0.24 0.00	80.95 2.12 0.00	94.06 2.66 0.00	78.48 3.35 0.00	87.32 4.17 0.00	87.14 2.30 0.00	104.01 2.92 0.00	141.90 5.23 0.00	126.83 5.25 0.00	326.19 14.60 0.00	490.47 25.57 0.00	372.57 16.24 0.00	571.91 22.99 0.00	302.42 10.83 0.00	112.57 2.26 0.00	112.57 2.19 0.00	70.43 1.50 0.00
SOUTHOLD_69_KV_BK 2 55809	87.95 8.55 -7.15	80.91 7.47 -1.90	76.41 6.14 -8.07	64.36 5.00 -4.18	69.00 5.32 -4.23	68.60 6.42 -1.89	78.95 7.76 -0.44	85.44 8.43 -0.65	89.02 9.73 -0.45	100.27 10.83 1.96	94.74 11.18 -8.43	155.42 14.06 -58.20	226.92 14.67 -127.41	239.85 17.63 -121.13	386.76 23.49 -226.60	619.93 21.04 -477.31	834.10 49.35 -473.16	1035.95 80.65 -490.40	535.12 64.39 -114.39	700.21 99.10 -52.19	388.93 48.92 -48.41	240.18 17.16 -112.71	183.55 13.94 -59.23	85.19 6.72 -9.55
SOUTHOLD___IC 23719	87.94 8.55 -7.15	80.91 7.47 -1.90	76.41 6.15 -8.07	64.37 5.00 -4.18	69.00 5.31 -4.23	68.61 6.42 -1.89	78.94 7.76 -0.44	85.44 8.43 -0.65	88.99 9.71 -0.45	100.30 10.86 1.96	94.62 11.05 -8.43	155.38 14.02 -58.20	226.84 14.60 -127.41	239.86 17.64 -121.13	386.79 23.52 -226.60	619.88 20.98 -477.31	834.07 49.32 -473.16	1036.02 80.72 -490.40	535.16 64.44 -114.39	700.16 99.05 -52.19	388.86 48.85 -48.41	240.22 17.20 -112.71	183.51 13.90 -59.23	85.19 6.71 -9.55
SOUTH_FORK_WT_PWR 323839	87.94 8.55 -7.15	80.74 7.30 -1.90	76.04 5.77 -8.07	63.86 4.49 -4.18	68.55 4.87 -4.23	68.51 6.32 -1.88	78.97 7.78 -0.44	85.13 8.12 -0.65	88.74 9.46 -0.45	101.18 11.75 1.96	95.69 12.15 -8.41	156.55 15.32 -58.07	227.65 15.67 -127.14	240.61 18.58 -120.94	388.09 24.85 -226.57	620.92 22.07 -477.27	835.66 50.92 -473.15	1039.91 84.63 -490.38	539.69 69.03 -114.33	707.28 106.20 -52.16	392.22 52.26 -48.36	241.41 18.53 -112.56	184.81 15.34 -59.09	86.01 7.57 -9.52
SPIERFLS_115KV_TB 1 80737	76.75 4.50 0.00	75.67 4.14 0.00	65.55 3.35 0.00	58.13 2.94 0.00	62.75 3.30 0.00	63.65 3.35 0.00	75.03 4.28 0.00	81.07 4.72 0.00	83.66 4.83 0.00	97.15 5.76 0.00	79.86 4.73 0.00	88.82 5.67 0.00	90.85 6.02 0.00	108.35 7.26 0.00	146.14 9.47 0.00	129.33 7.75 0.00	330.75 19.16 0.00	496.73 31.84 0.00	385.87 29.53 0.00	595.89 46.98 0.00	317.78 26.19 0.00	119.08 8.77 0.00	120.20 7.87 -1.94	72.59 3.67 0.00
ST LAWRENCE____ 23600	70.62 -1.62 0.00	70.29 -1.25 0.00	61.13 -1.06 0.00	54.33 -0.86 0.00	58.71 -0.74 0.00	59.40 -0.90 0.00	69.77 -0.98 0.00	75.05 -1.30 0.00	77.64 -1.19 0.00	89.39 -2.01 0.00	72.32 -2.81 0.00	79.70 -3.46 0.00	81.21 -3.62 0.00	96.39 -4.70 0.00	130.32 -6.35 0.00	116.33 -5.25 0.00	298.73 -12.86 0.00	445.76 -19.14 0.00	341.93 -14.40 0.00	528.90 -20.02 0.00	280.59 -11.00 0.00	106.68 -3.63 0.00	107.70 -2.68 0.00	67.70 -1.22 0.00

STATE_CA_115KV_115_LB 55624	74.01 1.77 0.00	73.18 1.64 0.00	63.68 1.48 0.00	56.58 1.39 0.00	60.98 1.53 0.00	61.91 1.61 0.00	72.45 1.70 0.00	78.32 1.97 0.00	80.81 1.99 0.00	94.15 2.76 0.00	77.96 2.83 0.00	86.57 3.42 0.00	88.62 3.79 0.00	105.81 4.72 0.00	142.76 6.09 0.00	126.69 5.11 0.00	323.83 12.23 0.00	483.60 18.70 0.00	371.45 15.12 0.00	571.70 22.78 0.00	303.85 12.25 0.00	114.40 4.09 0.00	114.45 3.41 -0.67	70.32 1.40 0.00
STATE_ST_34_KV_LOAD 55959	73.76 1.52 0.00	72.56 1.02 0.00	62.71 0.52 0.00	55.48 0.29 0.00	59.68 0.23 0.00	60.80 0.50 0.00	71.11 0.36 0.00	77.11 0.75 0.00	79.74 0.91 0.00	92.32 0.92 0.00	76.31 1.17 0.00	84.74 1.59 0.00	86.11 1.27 0.00	102.55 1.47 0.00	139.10 2.43 0.00	124.16 2.58 0.00	316.13 4.54 0.00	472.22 7.33 0.00	361.79 5.46 0.00	557.97 9.05 0.00	297.27 5.67 0.00	112.11 1.80 0.00	115.11 1.72 -3.01	72.04 1.06 -2.06
STATION_5_MISC_HYD 23604	74.48 2.24 0.00	72.75 1.20 0.00	63.07 0.88 0.00	55.25 0.06 0.00	59.04 -0.41 0.00	60.18 -0.12 0.00	70.34 -0.40 0.00	76.19 -0.16 0.00	79.90 1.07 0.00	92.66 1.26 0.00	76.80 1.67 0.00	85.32 2.17 0.00	85.85 1.02 0.00	102.09 1.00 0.00	138.87 2.20 0.00	123.83 2.25 0.00	316.41 4.82 0.00	474.42 9.52 0.00	361.54 5.21 0.00	555.45 6.53 0.00	294.41 2.81 0.00	110.09 -0.22 0.00	110.73 0.34 0.00	69.43 0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	73.89 1.65 0.00	72.24 0.70 0.00	62.61 0.41 0.00	55.06 -0.13 0.00	58.92 -0.54 0.00	60.08 -0.22 0.00	70.34 -0.40 0.00	76.19 -0.17 0.00	79.51 0.68 0.00	92.24 0.85 0.00	76.41 1.28 0.00	84.90 1.75 0.00	85.83 0.99 0.00	102.16 1.07 0.00	138.94 2.27 0.00	123.78 2.20 0.00	316.29 4.70 0.00	473.42 8.53 0.00	361.94 5.61 0.00	556.87 7.95 0.00	295.69 4.09 0.00	110.79 0.48 0.00	111.57 0.45 -0.73	69.82 0.40 -0.50
STA_56_34_KV_BUS2_REV_LBMP_B 345033	74.03 1.79 0.00	72.29 0.75 0.00	62.68 0.48 0.00	54.93 -0.26 0.00	58.72 -0.74 0.00	59.86 -0.44 0.00	69.99 -0.76 0.00	75.80 -0.55 0.00	79.45 0.62 0.00	92.20 0.81 0.00	76.39 1.26 0.00	84.86 1.71 0.00	85.45 0.61 0.00	101.68 0.59 0.00	138.19 1.52 0.00	123.24 1.66 0.00	315.07 3.48 0.00	471.77 6.87 0.00	359.73 3.39 0.00	553.07 4.15 0.00	293.45 1.85 0.00	109.72 -0.59 0.00	110.20 -0.18 0.00	69.07 0.15 0.00
STA_56___34_KV_BUS2 355983	74.03 1.79 0.00	72.29 0.75 0.00	62.68 0.48 0.00	54.93 -0.26 0.00	58.72 -0.74 0.00	59.86 -0.44 0.00	69.99 -0.76 0.00	75.80 -0.55 0.00	79.45 0.62 0.00	92.20 0.81 0.00	76.39 1.26 0.00	84.86 1.71 0.00	85.45 0.61 0.00	101.68 0.59 0.00	138.19 1.52 0.00	123.24 1.66 0.00	315.07 3.48 0.00	471.77 6.87 0.00	359.73 3.39 0.00	553.07 4.15 0.00	293.45 1.85 0.00	109.72 -0.59 0.00	110.20 -0.18 0.00	69.07 0.15 0.00
STA_67___115KV_BK2 355882	74.20 1.96 0.00	72.48 0.94 0.00	62.85 0.65 0.00	55.06 -0.13 0.00	58.83 -0.62 0.00	59.99 -0.31 0.00	70.11 -0.64 0.00	75.91 -0.45 0.00	79.59 0.77 0.00	92.30 0.90 0.00	76.46 1.33 0.00	84.95 1.80 0.00	85.42 0.58 0.00	101.61 0.52 0.00	138.10 1.43 0.00	123.15 1.57 0.00	314.84 3.25 0.00	471.36 6.47 0.00	359.32 2.98 0.00	552.52 3.60 0.00	293.34 1.75 0.00	109.67 -0.64 0.00	110.31 -0.07 0.00	69.22 0.29 0.00
STA_7___115KV_9TRANS 80674	75.11 2.87 0.00	73.34 1.80 0.00	63.56 1.37 0.00	55.67 0.48 0.00	59.47 0.02 0.00	60.63 0.34 0.00	70.88 0.14 0.00	76.79 0.43 0.00	80.55 1.72 0.00	93.48 2.08 0.00	77.50 2.37 0.00	86.10 2.95 0.00	86.64 1.80 0.00	103.08 1.99 0.00	140.12 3.45 0.00	125.02 3.44 0.00	319.57 7.98 0.00	478.38 13.49 0.00	364.46 8.13 0.00	560.16 11.24 0.00	296.95 5.35 0.00	110.98 0.67 0.00	111.58 1.20 0.00	69.98 1.05 0.00
STA_82___115KV_TB1 80780	74.22 1.98 0.00	72.49 0.95 0.00	62.86 0.67 0.00	55.07 -0.12 0.00	58.85 -0.60 0.00	60.00 -0.30 0.00	70.12 -0.63 0.00	75.93 -0.43 0.00	79.61 0.78 0.00	92.30 0.90 0.00	76.48 1.34 0.00	84.96 1.81 0.00	85.44 0.60 0.00	101.61 0.52 0.00	138.10 1.43 0.00	123.12 1.54 0.00	314.84 3.25 0.00	471.41 6.51 0.00	359.41 3.08 0.00	552.80 3.88 0.00	293.40 1.81 0.00	109.73 -0.58 0.00	110.37 -0.01 0.00	69.22 0.29 0.00
STEEL___WIND 323596	73.55 1.31 0.00	71.54 0.00 0.00	62.00 -0.19 0.00	54.18 -1.01 0.00	57.68 -1.77 0.00	58.93 -1.37 0.00	68.69 -2.06 0.00	74.39 -1.97 0.00	78.67 -0.15 0.00	91.09 -0.31 0.00	75.67 0.54 0.00	84.29 1.14 0.00	83.99 -0.84 0.00	99.80 -1.29 0.00	136.13 -0.54 0.00	121.49 -0.09 0.00	312.08 0.48 0.00	469.95 5.06 0.00	356.77 0.43 0.00	547.91 -1.01 0.00	289.41 -2.19 0.00	107.56 -2.75 0.00	108.67 -1.72 0.00	68.56 -0.36 0.00
STEPHTWN_115KV_BK_2 55603	74.07 1.83 0.00	73.21 1.67 0.00	63.69 1.49 0.00	56.55 1.36 0.00	60.96 1.51 0.00	62.03 1.73 0.00	72.62 1.88 0.00	78.47 2.12 0.00	80.99 2.16 0.00	94.20 2.81 0.00	78.01 2.88 0.00	86.64 3.49 0.00	88.76 3.93 0.00	105.96 4.87 0.00	143.05 6.39 0.00	127.19 5.61 0.00	325.33 13.73 0.00	486.55 21.66 0.00	373.97 17.63 0.00	575.31 26.40 0.00	305.78 14.18 0.00	115.19 4.88 0.00	105.21 3.87 9.04	70.51 1.58 0.00
STEUBEN_REC_LFGE 323667	74.26 2.02 0.00	72.61 1.07 0.00	63.09 0.90 0.00	55.77 0.58 0.00	59.80 0.34 0.00	61.14 0.84 0.00	71.58 0.83 0.00	77.29 0.94 0.00	80.72 1.89 0.00	93.44 2.05 0.00	77.75 2.61 0.00	86.77 3.62 0.00	87.40 2.57 0.00	102.99 1.91 0.00	140.81 4.14 0.00	125.98 4.40 0.00	321.79 10.20 0.00	482.11 17.22 0.00	370.95 14.61 0.00	574.11 25.19 0.00	304.96 13.37 0.00	114.07 3.76 0.00	115.16 3.73 -1.05	71.89 2.25 -0.72
STILLWATER___SOLAR 323814	76.35 4.11 0.00	75.37 3.83 0.00	65.40 3.20 0.00	58.04 2.85 0.00	62.66 3.21 0.00	63.60 3.30 0.00	74.69 3.94 0.00	80.67 4.31 0.00	83.19 4.37 0.00	96.58 5.18 0.00	79.70 4.57 0.00	88.55 5.40 0.00	90.54 5.71 0.00	108.07 6.98 0.00	145.78 9.12 0.00	128.98 7.39 0.00	330.61 19.02 0.00	495.50 30.61 0.00	383.08 26.75 0.00	591.04 42.13 0.00	314.72 23.13 0.00	118.28 7.97 0.00	119.97 7.26 -2.33	72.47 3.55 0.00
STONY___BROOK 24151	86.02 6.44 -7.34	79.14 5.56 -2.04	75.53 5.11 -8.23	64.14 4.60 -4.35	68.53 4.68 -4.40	67.22 4.96 -1.96	76.86 5.65 -0.46	83.65 6.61 -0.68	86.56 7.26 -0.48	98.57 9.05 1.88	103.77 8.56 -20.08	220.12 10.47 -126.51	359.22 11.32 -263.06	333.14 13.93 -218.13	392.36 17.92 -237.76	630.07 16.08 -492.40	826.42 40.42 -474.41	1019.83 61.84 -493.09	543.58 47.09 -140.16	688.82 71.55 -68.35	404.28 36.68 -76.01	313.68 13.02 -190.35	254.83 10.33 -134.11	99.87 5.30 -25.65
STURGEON_POOL_HYD 23609	76.94 4.70 0.00	75.53 3.99 0.00	65.53 3.34 0.00	58.22 3.03 0.00	62.64 3.18 0.00	63.56 3.26 0.00	74.47 3.72 0.00	80.94 4.58 0.00	83.83 5.00 0.00	98.54 7.14 0.00	75.57 7.19 6.76	91.59 8.44 0.00	94.03 9.19 0.00	116.70 11.48 -4.13	261.94 15.33 -109.94	360.61 13.87 -225.16	580.46 36.49 -232.37	747.52 54.19 -228.43	420.89 40.38 -24.19	609.35 60.02 -0.41	322.48 30.89 0.00	121.11 10.80 0.00	118.71 9.05 0.72	73.46 4.54 0.00

ST_LAW_115_BK7_LBMP 345037	70.51 -1.73 0.00	70.21 -1.33 0.00	61.09 -1.11 0.00	54.31 -0.88 0.00	58.69 -0.76 0.00	59.37 -0.92 0.00	69.73 -1.02 0.00	75.00 -1.36 0.00	77.58 -1.25 0.00	89.20 -2.20 0.00	72.04 -3.09 0.00	79.39 -3.76 0.00	80.88 -3.96 0.00	95.92 -5.17 0.00	129.69 -6.98 0.00	115.80 -5.79 0.00	297.42 -14.17 0.00	443.68 -21.22 0.00	340.56 -15.77 0.00	526.95 -21.96 0.00	279.61 -11.98 0.00	106.36 -3.95 0.00	107.49 -2.89 0.00	67.61 -1.32 0.00
ST_LAW_115_BK8_LBMP 345038	70.51 -1.73 0.00	70.21 -1.33 0.00	61.09 -1.11 0.00	54.31 -0.88 0.00	58.69 -0.76 0.00	59.37 -0.92 0.00	69.73 -1.02 0.00	75.00 -1.36 0.00	77.58 -1.25 0.00	89.20 -2.20 0.00	72.04 -3.09 0.00	79.39 -3.76 0.00	80.88 -3.96 0.00	95.92 -5.17 0.00	129.69 -6.98 0.00	115.80 -5.79 0.00	297.42 -14.17 0.00	443.68 -21.22 0.00	340.56 -15.77 0.00	526.95 -21.96 0.00	279.61 -11.98 0.00	106.36 -3.95 0.00	107.49 -2.89 0.00	67.61 -1.32 0.00
ST_LAW_230_BK5_LBMP 345035	70.62 -1.62 0.00	70.29 -1.25 0.00	61.13 -1.06 0.00	54.33 -0.86 0.00	58.71 -0.74 0.00	59.40 -0.90 0.00	69.77 -0.98 0.00	75.05 -1.30 0.00	77.64 -1.19 0.00	89.39 -2.01 0.00	72.32 -2.81 0.00	79.70 -3.46 0.00	81.21 -3.62 0.00	96.39 -4.70 0.00	130.32 -6.35 0.00	116.33 -5.25 0.00	298.73 -12.86 0.00	445.76 -19.14 0.00	341.93 -14.40 0.00	528.90 -20.02 0.00	280.59 -11.00 0.00	106.68 -3.63 0.00	107.70 -2.68 0.00	67.70 -1.22 0.00
ST_LAW_230_BK6_LBMP 345036	70.62 -1.62 0.00	70.29 -1.25 0.00	61.13 -1.06 0.00	54.33 -0.86 0.00	58.71 -0.74 0.00	59.40 -0.90 0.00	69.77 -0.98 0.00	75.05 -1.30 0.00	77.64 -1.19 0.00	89.39 -2.01 0.00	72.32 -2.81 0.00	79.70 -3.46 0.00	81.21 -3.62 0.00	96.39 -4.70 0.00	130.32 -6.35 0.00	116.33 -5.25 0.00	298.73 -12.86 0.00	445.76 -19.14 0.00	341.93 -14.40 0.00	528.90 -20.02 0.00	280.59 -11.00 0.00	106.68 -3.63 0.00	107.70 -2.68 0.00	67.70 -1.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	76.35 4.11 0.00	74.92 3.38 0.00	65.02 2.83 0.00	57.82 2.63 0.00	62.23 2.77 0.00	63.16 2.86 0.00	73.92 3.17 0.00	80.14 3.79 0.00	83.09 4.27 0.00	97.71 6.32 0.00	81.66 6.53 0.00	90.91 7.76 0.00	93.28 8.45 0.00	118.24 10.55 0.00	326.49 13.99 -175.83	494.25 12.57 -360.09	716.44 33.21 -371.64	879.62 49.39 -365.33	432.45 37.43 -38.68	605.34 55.76 -0.66	320.24 28.65 0.00	120.16 9.85 0.00	118.89 8.09 -0.42	72.84 3.92 0.00
SWANROAD_115KV_TB1 355699	71.43 -0.81 0.00	69.61 -1.93 0.00	60.79 -1.41 0.00	52.89 -2.30 0.00	56.29 -3.16 0.00	57.47 -2.83 0.00	66.73 -4.02 0.00	71.81 -4.54 0.00	76.04 -2.79 0.00	87.96 -3.44 0.00	73.32 -1.81 0.00	81.53 -1.62 0.00	80.91 -3.93 0.00	95.52 -5.56 0.00	129.67 -6.99 0.00	116.01 -5.57 0.00	297.93 -13.66 0.00	447.89 -17.00 0.00	339.61 -16.72 0.00	522.41 -26.50 0.00	276.83 -14.77 0.00	102.70 -7.61 0.00	104.67 -5.71 0.00	66.60 -2.32 0.00
SYNERGY___BIOGAS 323694	75.58 3.33 0.00	73.50 1.96 0.00	63.83 1.64 0.00	55.64 0.45 0.00	59.32 -0.13 0.00	60.60 0.30 0.00	70.70 -0.05 0.00	76.36 0.00 0.00	80.37 1.55 0.00	93.10 1.71 0.00	77.13 2.00 0.00	84.99 1.84 0.00	84.53 -0.30 0.00	100.07 -1.02 0.00	135.46 -1.21 0.00	120.89 -0.69 0.00	310.13 -1.46 0.00	469.44 4.55 0.00	356.93 0.60 0.00	550.41 1.49 0.00	292.21 0.62 0.00	109.03 -1.28 0.00	111.61 1.23 0.00	70.34 1.42 0.00
SYRACUSE___ENERGY_ST1 323597	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
SYRACUSE___ENERGY_ST2 323598	72.47 0.23 0.00	71.31 -0.23 0.00	61.84 -0.35 0.00	54.75 -0.44 0.00	58.79 -0.66 0.00	59.86 -0.44 0.00	70.21 -0.54 0.00	75.97 -0.39 0.00	78.49 -0.33 0.00	91.04 -0.35 0.00	75.20 0.07 0.00	83.47 0.32 0.00	84.94 0.10 0.00	101.34 0.25 0.00	137.42 0.75 0.00	122.36 0.78 0.00	312.26 0.67 0.00	465.63 0.73 0.00	356.42 0.09 0.00	548.09 -0.83 0.00	291.75 0.16 0.00	110.28 -0.03 0.00	113.75 -0.22 -3.58	71.28 -0.10 -2.45
SYRACUSE___POWER 24017	72.99 0.75 0.00	71.79 0.25 0.00	62.30 0.10 0.00	55.17 -0.02 0.00	59.20 -0.25 0.00	60.25 -0.05 0.00	70.70 -0.05 0.00	76.47 0.12 0.00	79.05 0.22 0.00	91.68 0.29 0.00	75.80 0.67 0.00	84.16 1.01 0.00	85.63 0.80 0.00	102.24 1.15 0.00	138.61 1.95 0.00	123.41 1.83 0.00	315.31 3.72 0.00	470.36 5.47 0.00	360.07 3.74 0.00	553.99 5.07 0.00	294.72 3.13 0.00	111.28 0.97 0.00	113.42 0.66 -2.38	70.91 0.36 -1.63
TALLMAN_138KV_BK151 55660	76.74 4.50 0.00	75.19 3.65 0.00	65.24 3.05 0.00	58.04 2.85 0.00	62.47 3.01 0.00	63.40 3.11 0.00	74.20 3.46 0.00	80.47 4.11 0.00	83.50 4.68 0.00	98.50 7.11 0.00	82.50 7.37 0.00	91.91 8.75 0.00	94.35 9.52 0.00	120.14 11.90 -7.16	342.95 15.81 -190.47	525.97 14.32 -390.07	751.93 37.76 -402.58	916.27 55.63 -395.75	440.10 41.86 -41.90	611.89 62.26 -0.71	323.45 31.86 0.00	121.27 10.97 0.00	119.76 8.92 -0.46	73.19 4.27 0.00
TEALLAVE_115KV_TB7 355573	72.62 0.38 0.00	71.44 -0.10 0.00	62.01 -0.18 0.00	54.90 -0.30 0.00	58.91 -0.55 0.00	59.96 -0.34 0.00	70.35 -0.40 0.00	76.09 -0.27 0.00	78.67 -0.16 0.00	91.29 -0.10 0.00	75.49 0.36 0.00	83.80 0.65 0.00	85.21 0.38 0.00	101.72 0.63 0.00	137.91 1.24 0.00	122.79 1.21 0.00	313.47 1.88 0.00	467.68 2.78 0.00	357.75 1.41 0.00	550.15 1.23 0.00	292.69 1.09 0.00	110.56 0.25 0.00	112.33 -0.03 -1.98	70.25 -0.03 -1.36
TELGRAPH_34_KV_EAST 80808	73.27 1.03 0.00	71.35 -0.19 0.00	62.08 -0.11 0.00	54.08 -1.11 0.00	57.62 -1.84 0.00	58.84 -1.46 0.00	68.47 -2.28 0.00	73.89 -2.47 0.00	78.05 -0.77 0.00	90.36 -1.04 0.00	75.10 -0.03 0.00	83.33 0.18 0.00	82.93 -1.90 0.00	98.01 -3.08 0.00	133.16 -3.51 0.00	119.06 -2.53 0.00	305.62 -5.97 0.00	460.05 -4.84 0.00	349.38 -6.96 0.00	538.24 -10.67 0.00	285.43 -6.17 0.00	106.09 -4.21 0.00	107.82 -2.56 0.00	68.27 -0.66 0.00
TEMPLE___115KV_TB 2 55572	72.67 0.42 0.00	71.47 -0.07 0.00	62.04 -0.15 0.00	54.92 -0.27 0.00	58.93 -0.53 0.00	59.98 -0.32 0.00	70.37 -0.38 0.00	76.11 -0.25 0.00	78.71 -0.11 0.00	91.36 -0.03 0.00	75.53 0.40 0.00	83.87 0.72 0.00	85.29 0.46 0.00	101.83 0.75 0.00	138.05 1.38 0.00	122.91 1.33 0.00	313.79 2.20 0.00	468.28 3.38 0.00	358.10 1.77 0.00	550.70 1.78 0.00	292.87 1.28 0.00	110.59 0.29 0.00	112.36 0.00 -1.98	70.28 0.00 -1.35
TIANA___69_KV_BK 1 55817	86.40 7.01 -7.15	79.35 5.91 -1.90	75.49 5.23 -8.07	63.91 4.54 -4.18	68.34 4.65 -4.23	67.31 5.13 -1.89	77.22 6.03 -0.44	83.94 6.93 -0.65	87.11 7.83 -0.45	99.30 9.86 1.96	93.39 9.83 -8.42	153.57 12.26 -58.16	225.29 13.14 -127.32	238.21 16.06 -121.07	384.18 20.92 -226.59	617.46 18.58 -477.30	829.53 44.78 -473.16	1025.67 70.38 -490.40	525.42 54.71 -114.37	686.06 84.96 -52.18	382.74 42.75 -48.39	238.20 15.23 -112.66	181.90 12.34 -59.18	84.49 6.03 -9.54

TILDEN___115KV_TB1 80814	72.99 0.75 0.00	71.79 0.25 0.00	62.30 0.10 0.00	55.17 -0.02 0.00	59.20 -0.25 0.00	60.25 -0.05 0.00	70.70 -0.05 0.00	76.47 0.12 0.00	79.05 0.22 0.00	91.68 0.29 0.00	75.80 0.67 0.00	84.16 1.01 0.00	85.63 0.80 0.00	102.24 1.15 0.00	138.61 1.95 0.00	123.41 1.83 0.00	315.31 3.72 0.00	470.36 5.47 0.00	360.07 3.74 0.00	553.99 5.07 0.00	294.72 3.13 0.00	111.28 0.97 0.00	113.42 0.66 -2.38	70.91 0.36 -1.63
TRIGEN___CC 323695	115.97 5.67 -38.06	101.04 4.80 -24.70	100.93 4.34 -34.40	91.14 4.00 -31.95	96.05 4.25 -32.35	79.11 4.36 -14.45	79.00 4.88 -3.37	86.82 5.76 -4.71	89.40 6.36 -4.21	111.74 8.56 -11.78	94.84 8.45 -11.26	137.66 10.24 -44.27	191.25 11.07 -95.35	241.84 13.70 -127.06	463.16 18.07 -308.42	925.73 16.24 -787.91	1096.75 42.15 -743.01	1503.69 62.14 -976.65	864.73 46.87 -461.53	794.67 69.95 -175.80	408.32 36.10 -80.62	234.28 12.49 -111.48	137.69 9.97 -17.34	97.80 4.93 -23.94
TRINITY__115KV__4 BK 55933	73.48 1.24 0.00	72.72 1.18 0.00	63.26 1.07 0.00	56.23 1.04 0.00	60.62 1.17 0.00	61.53 1.23 0.00	71.99 1.24 0.00	77.80 1.44 0.00	80.23 1.41 0.00	93.45 2.05 0.00	77.36 2.23 0.00	85.87 2.72 0.00	87.91 3.08 0.00	104.98 3.89 0.00	141.54 4.87 0.00	125.52 3.94 0.00	320.83 9.24 0.00	479.06 14.16 0.00	368.15 11.81 0.00	566.71 17.79 0.00	301.40 9.81 0.00	113.55 3.25 0.00	111.03 2.62 1.97	69.84 0.92 0.00
UNION___PROCESSING_DRP 323587	74.25 2.01 0.00	72.53 0.99 0.00	62.89 0.69 0.00	55.09 -0.11 0.00	58.86 -0.59 0.00	60.02 -0.28 0.00	70.17 -0.58 0.00	75.95 -0.40 0.00	79.61 0.78 0.00	92.37 0.97 0.00	76.52 1.39 0.00	84.97 1.82 0.00	85.45 0.62 0.00	101.66 0.57 0.00	138.10 1.43 0.00	123.18 1.59 0.00	314.90 3.31 0.00	471.66 6.77 0.00	359.56 3.23 0.00	552.98 4.06 0.00	293.59 1.99 0.00	109.75 -0.56 0.00	110.39 0.01 0.00	69.26 0.33 0.00
UPPER HUDSON___HYD 24058	76.75 4.51 0.00	75.67 4.13 0.00	65.54 3.35 0.00	58.13 2.94 0.00	62.75 3.29 0.00	63.64 3.35 0.00	75.03 4.28 0.00	81.07 4.72 0.00	83.66 4.83 0.00	97.15 5.76 0.00	79.86 4.73 0.00	88.82 5.67 0.00	90.84 6.01 0.00	108.35 7.26 0.00	146.15 9.49 0.00	129.33 7.75 0.00	330.76 19.17 0.00	496.83 31.93 0.00	385.90 29.57 0.00	595.89 46.97 0.00	317.77 26.18 0.00	119.08 8.78 0.00	120.20 7.87 -1.94	72.59 3.66 0.00
UPPER RAQUET___HYD 24056	71.38 -0.87 0.00	70.72 -0.82 0.00	61.80 -0.39 0.00	54.98 -0.21 0.00	59.38 -0.08 0.00	60.04 -0.26 0.00	70.62 -0.13 0.00	75.91 -0.44 0.00	78.34 -0.48 0.00	88.67 -2.73 0.00	71.10 -4.03 0.00	77.29 -5.86 0.00	78.35 -6.49 0.00	92.62 -8.47 0.00	125.24 -11.43 0.00	111.81 -9.77 0.00	286.92 -24.67 0.00	428.21 -36.68 0.00	330.19 -26.14 0.00	515.94 -32.98 0.00	275.62 -15.97 0.00	105.51 -4.80 0.00	107.83 -3.11 -0.56	67.96 -1.35 -0.38
VALLEY44_115KV_TB2 355964	72.60 0.36 0.00	70.72 -0.82 0.00	61.21 -0.99 0.00	53.85 -1.34 0.00	57.50 -1.95 0.00	58.72 -1.58 0.00	68.70 -2.05 0.00	74.44 -1.91 0.00	78.39 -0.44 0.00	91.01 -0.38 0.00	75.67 0.53 0.00	84.06 0.91 0.00	84.10 -0.73 0.00	100.27 -0.81 0.00	137.38 0.71 0.00	122.51 0.93 0.00	314.02 2.43 0.00	471.09 6.19 0.00	357.98 1.65 0.00	550.50 1.58 0.00	291.36 -0.23 0.00	108.85 -1.46 0.00	109.08 -1.30 0.00	68.28 -0.65 0.00
VALLEY___115KV_TB 1-4 80826	74.10 1.86 0.00	73.26 1.72 0.00	63.66 1.46 0.00	56.58 1.39 0.00	60.94 1.49 0.00	61.90 1.60 0.00	72.56 1.81 0.00	78.15 1.80 0.00	80.56 1.74 0.00	93.11 1.71 0.00	76.99 1.86 0.00	85.42 2.27 0.00	87.55 2.72 0.00	104.53 3.44 0.00	140.90 4.23 0.00	124.63 3.05 0.00	320.42 8.83 0.00	480.56 15.66 0.00	371.93 15.60 0.00	575.40 26.48 0.00	306.85 15.26 0.00	115.40 5.09 0.00	114.61 4.22 0.00	70.80 1.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	76.00 3.76 0.00	74.94 3.40 0.00	65.35 3.16 0.00	57.83 2.63 0.00	62.20 2.74 0.00	63.21 2.91 0.00	74.16 3.41 0.00	80.28 3.93 0.00	83.00 4.18 0.00	96.43 5.04 0.00	79.91 4.77 0.00	88.81 5.66 0.00	90.67 5.83 0.00	108.75 7.30 -0.37	156.17 9.72 -9.77	150.43 8.84 -20.01	355.55 23.30 -20.65	520.43 35.23 -20.30	385.63 27.15 -2.15	589.62 40.66 -0.04	312.64 21.05 0.00	117.62 7.31 0.00	117.35 6.27 -0.69	72.94 3.54 -0.47
VISCHER___FERRY HYD 24020	74.90 2.66 0.00	74.06 2.52 0.00	64.28 2.08 0.00	57.14 1.95 0.00	61.70 2.25 0.00	62.61 2.31 0.00	73.38 2.64 0.00	79.34 2.98 0.00	81.85 3.03 0.00	95.20 3.81 0.00	78.66 3.53 0.00	87.35 4.20 0.00	89.41 4.57 0.00	107.36 5.69 -0.59	159.55 7.29 -15.60	159.05 5.53 -31.94	358.46 13.91 -32.96	519.24 21.94 -32.40	378.46 18.70 -3.43	578.23 29.26 -0.06	307.99 16.39 0.00	116.04 5.73 0.00	119.19 5.22 -3.60	71.25 2.33 0.00
V_A_10_SYNC_DSASP 323832	72.75 0.50 0.00	71.00 -0.54 0.00	61.68 -0.51 0.00	53.86 -1.33 0.00	57.43 -2.03 0.00	58.59 -1.71 0.00	68.31 -2.43 0.00	73.86 -2.49 0.00	77.87 -0.95 0.00	90.15 -1.25 0.00	74.74 -0.39 0.00	83.08 -0.07 0.00	82.90 -1.93 0.00	98.49 -2.60 0.00	134.03 -2.64 0.00	119.43 -2.15 0.00	304.97 -6.63 0.00	457.14 -7.76 0.00	347.54 -8.79 0.00	534.77 -14.15 0.00	284.26 -7.33 0.00	105.98 -4.33 0.00	107.14 -3.24 0.00	67.61 -1.31 0.00
V_CMM_10_SYNC_DSASP 323787	70.63 -1.62 0.00	70.56 -0.98 0.00	61.43 -0.76 0.00	54.60 -0.59 0.00	59.02 -0.43 0.00	59.70 -0.60 0.00	70.11 -0.64 0.00	75.40 -0.96 0.00	78.03 -0.80 0.00	89.74 -1.66 0.00	72.22 -2.91 0.00	79.86 -3.29 0.00	81.36 -3.47 0.00	96.43 -4.66 0.00	129.93 -6.74 0.00	115.94 -5.64 0.00	297.80 -13.79 0.00	444.38 -20.51 0.00	341.15 -15.18 0.00	527.69 -21.23 0.00	279.96 -11.63 0.00	106.49 -3.81 0.00	107.63 -2.75 0.00	67.69 -1.23 0.00
V_CMP_10_SYNC_DSASP 323788	70.71 -1.53 0.00	70.04 -1.50 0.00	60.83 -1.36 0.00	54.16 -1.03 0.00	58.46 -0.99 0.00	59.15 -1.15 0.00	69.28 -1.47 0.00	74.70 -1.65 0.00	77.09 -1.73 0.00	89.15 -2.25 0.00	71.82 -3.31 0.00	79.04 -4.11 0.00	80.60 -4.23 0.00	95.32 -5.77 0.00	128.88 -7.79 0.00	114.50 -7.08 0.00	295.19 -16.40 0.00	439.41 -25.48 0.00	339.12 -17.21 0.00	525.24 -23.68 0.00	279.02 -12.57 0.00	106.87 -3.44 0.00	107.72 -2.66 0.00	66.98 -1.95 0.00
V_D_10_SYNC_DSASP 323841	71.38 -0.87 0.00	70.74 -0.81 0.00	61.78 -0.42 0.00	54.92 -0.28 0.00	59.33 -0.13 0.00	60.02 -0.28 0.00	70.51 -0.24 0.00	75.81 -0.55 0.00	78.39 -0.43 0.00	89.47 -1.92 0.00	72.18 -2.95 0.00	79.37 -3.78 0.00	80.80 -4.03 0.00	95.65 -5.44 0.00	129.44 -7.23 0.00	115.72 -5.87 0.00	297.09 -14.50 0.00	443.35 -21.55 0.00	340.83 -15.51 0.00	528.81 -20.11 0.00	281.02 -10.58 0.00	106.98 -3.32 0.00	108.52 -1.86 0.00	68.24 -0.68 0.00
V_E_10_SYNC_DSASP 323830	78.27 6.03 0.00	76.62 5.09 0.00	66.42 4.23 0.00	59.20 4.01 0.00	63.65 4.19 0.00	64.95 4.65 0.00	76.72 5.97 0.00	83.19 6.84 0.00	85.93 7.11 0.00	98.41 7.02 0.00	81.37 6.23 0.00	90.35 7.20 0.00	92.11 7.28 0.00	110.49 9.40 0.00	149.02 12.35 0.00	132.87 11.29 0.00	341.79 30.20 0.00	511.71 46.82 0.00	397.15 40.81 0.00	614.90 65.98 0.00	327.65 36.06 0.00	122.89 12.58 0.00	122.72 10.85 -1.49	76.22 6.28 -1.02

V_F_30_NSYNC___DSASP 323816	76.49 4.25 0.00	75.51 3.97 0.00	65.50 3.30 0.00	58.13 2.94 0.00	62.75 3.29 0.00	63.70 3.40 0.00	74.81 4.06 0.00	80.84 4.48 0.00	83.38 4.55 0.00	96.79 5.40 0.00	79.91 4.78 0.00	88.77 5.62 0.00	90.76 5.93 0.00	108.31 7.22 0.00	146.16 9.49 0.00	129.38 7.80 0.00	331.64 20.05 0.00	497.09 32.20 0.00	383.97 27.63 0.00	592.15 43.23 0.00	315.20 23.61 0.00	118.49 8.18 0.00	119.94 7.40 -2.16	72.59 3.67 0.00
V_F_30_SYNC_DSASP 323786	74.00 1.76 0.00	73.18 1.64 0.00	63.67 1.47 0.00	56.58 1.39 0.00	60.98 1.52 0.00	61.91 1.61 0.00	72.44 1.69 0.00	78.30 1.95 0.00	80.81 1.98 0.00	94.12 2.73 0.00	77.93 2.80 0.00	86.55 3.40 0.00	88.59 3.76 0.00	105.81 4.72 0.00	142.74 6.07 0.00	126.61 5.03 0.00	323.79 12.20 0.00	483.60 18.70 0.00	371.45 15.12 0.00	571.56 22.64 0.00	303.85 12.25 0.00	114.39 4.08 0.00	114.21 3.39 -0.45	70.32 1.39 0.00
V_XM_10_SYNC_DSASP 323789	70.71 -1.53 0.00	70.04 -1.50 0.00	60.83 -1.36 0.00	54.16 -1.03 0.00	58.46 -0.99 0.00	59.15 -1.15 0.00	69.28 -1.47 0.00	74.70 -1.65 0.00	77.09 -1.73 0.00	89.15 -2.25 0.00	71.82 -3.31 0.00	79.04 -4.11 0.00	80.60 -4.23 0.00	95.32 -5.77 0.00	128.88 -7.79 0.00	114.50 -7.08 0.00	295.19 -16.40 0.00	439.41 -25.48 0.00	339.12 -17.21 0.00	525.24 -23.68 0.00	279.02 -12.57 0.00	106.87 -3.44 0.00	107.72 -2.66 0.00	66.98 -1.95 0.00
W.BABYLN_69_KV_BK1 56697	91.96 6.80 -12.92	83.54 5.84 -6.16	80.58 5.39 -12.99	69.51 4.95 -9.36	74.10 5.17 -9.48	69.90 5.37 -4.23	77.80 6.06 -0.99	84.81 7.04 -1.41	87.77 7.79 -1.16	101.75 9.77 -0.58	86.37 9.50 -1.73	107.94 11.58 -13.21	134.61 12.55 -37.22	178.63 15.54 -62.01	391.78 20.42 -234.69	664.87 18.84 -524.45	881.49 48.17 -521.72	1114.60 72.39 -577.31	573.30 54.84 -162.12	696.27 82.94 -64.42	371.18 42.36 -37.23	187.93 14.81 -62.81	127.22 11.89 -4.96	77.14 5.90 -2.32
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	77.01 4.77 0.00	75.46 3.92 0.00	65.47 3.28 0.00	58.25 3.06 0.00	62.67 3.21 0.00	63.62 3.32 0.00	74.46 3.72 0.00	80.80 4.44 0.00	83.85 5.03 0.00	98.95 7.56 0.00	82.91 7.78 0.00	92.37 9.22 0.00	94.84 10.00 0.00	120.89 12.47 -7.33	348.35 16.59 -195.09	536.07 14.95 -399.53	763.28 39.35 -412.34	928.34 58.11 -405.34	442.96 43.71 -42.92	614.56 64.92 -0.73	324.89 33.30 0.00	121.79 11.49 0.00	120.30 9.45 -0.47	73.53 4.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	77.39 5.14 0.00	75.88 4.34 0.00	65.94 3.75 0.00	58.77 3.58 0.00	63.25 3.79 0.00	64.22 3.93 0.00	75.09 4.35 0.00	81.49 5.13 0.00	84.63 5.81 0.00	99.96 8.56 0.00	83.70 8.57 0.00	93.17 10.02 0.00	95.72 10.89 0.00	122.59 13.51 -7.99	366.86 17.59 -212.60	572.86 15.89 -435.39	801.95 41.01 -449.35	965.88 59.27 -441.72	447.53 44.43 -46.77	615.63 65.92 -0.79	325.39 33.80 0.00	121.99 11.68 0.00	120.37 9.49 -0.51	73.61 4.68 0.00
W50THST__13_KV_LOAD 356117	78.03 5.79 0.00	76.45 4.91 0.00	66.43 4.24 0.00	59.19 4.00 0.00	63.69 4.23 0.00	64.71 4.41 0.00	75.69 4.94 0.00	82.12 5.77 0.00	85.34 6.51 0.00	101.19 9.50 -0.29	84.51 9.38 0.00	94.06 10.91 0.00	96.61 11.78 0.00	123.68 14.61 -7.99	368.33 19.07 -212.60	575.81 17.15 -437.09	805.72 44.06 -450.07	970.29 63.68 -441.72	450.95 47.85 -46.77	620.48 70.77 -0.79	327.77 36.17 0.00	122.84 12.54 0.00	121.09 10.20 -0.51	74.05 5.13 0.00
WADING RIVER_IC_1 23522	85.10 5.73 -7.13	78.17 4.75 -1.88	74.55 4.30 -8.06	63.17 3.82 -4.16	67.52 3.85 -4.21	66.40 4.23 -1.88	76.04 4.85 -0.44	82.70 5.69 -0.65	85.66 6.38 -0.45	97.49 8.06 1.97	91.35 8.04 -8.17	150.05 10.19 -56.71	220.29 11.02 -124.43	233.69 13.62 -118.99	380.59 17.60 -226.31	613.60 15.20 -476.83	820.86 36.27 -473.00	1012.24 57.23 -490.11	514.20 44.22 -113.65	670.05 69.35 -51.78	374.51 35.12 -47.79	234.04 12.73 -111.00	178.04 10.06 -57.60	82.84 4.73 -9.19
WADING RIVER_IC_2 23547	85.10 5.73 -7.13	78.17 4.75 -1.88	74.55 4.30 -8.06	63.17 3.82 -4.16	67.52 3.85 -4.21	66.40 4.23 -1.88	76.04 4.85 -0.44	82.70 5.69 -0.65	85.66 6.38 -0.45	97.49 8.06 1.97	91.35 8.04 -8.17	150.05 10.19 -56.71	220.29 11.02 -124.43	233.69 13.62 -118.99	380.59 17.60 -226.31	613.60 15.20 -476.83	820.86 36.27 -473.00	1012.24 57.23 -490.11	514.20 44.22 -113.65	670.05 69.35 -51.78	374.51 35.12 -47.79	234.04 12.73 -111.00	178.04 10.06 -57.60	82.84 4.73 -9.19
WADING RIVER_IC_3 23601	85.10 5.73 -7.13	78.17 4.75 -1.88	74.55 4.30 -8.06	63.17 3.82 -4.16	67.52 3.85 -4.21	66.40 4.23 -1.88	76.04 4.85 -0.44	82.70 5.69 -0.65	85.66 6.38 -0.45	97.49 8.06 1.97	91.35 8.04 -8.17	150.05 10.19 -56.71	220.29 11.02 -124.43	233.69 13.62 -118.99	380.59 17.60 -226.31	613.60 15.20 -476.83	820.86 36.27 -473.00	1012.24 57.23 -490.11	514.20 44.22 -113.65	670.05 69.35 -51.78	374.51 35.12 -47.79	234.04 12.73 -111.00	178.04 10.06 -57.60	82.84 4.73 -9.19
WALDENNY_12_KV_BK2 80841	73.64 1.40 0.00	71.60 0.06 0.00	62.14 -0.05 0.00	54.26 -0.93 0.00	57.79 -1.67 0.00	59.03 -1.27 0.00	68.79 -1.96 0.00	74.47 -1.89 0.00	78.77 -0.06 0.00	91.23 -0.17 0.00	75.84 0.71 0.00	84.49 1.34 0.00	84.10 -0.73 0.00	99.90 -1.19 0.00	136.13 -0.54 0.00	121.58 0.00 0.00	312.86 1.27 0.00	469.91 5.01 0.00	356.59 0.26 0.00	548.03 -0.89 0.00	289.95 -1.64 0.00	107.64 -2.66 0.00	108.77 -1.61 0.00	68.69 -0.24 0.00
WALDEN__HYDRO 24148	76.84 4.59 0.00	75.38 3.84 0.00	65.39 3.19 0.00	58.13 2.93 0.00	62.54 3.08 0.00	63.47 3.17 0.00	74.32 3.57 0.00	80.66 4.31 0.00	83.60 4.78 0.00	98.26 6.86 0.00	82.10 6.96 0.00	91.41 8.25 0.00	93.80 8.96 0.00	118.66 11.16 -6.42	322.32 14.88 -170.76	484.74 13.44 -349.72	707.86 35.34 -360.93	872.52 52.83 -354.80	433.83 39.93 -37.57	609.62 60.06 -0.64	322.66 31.06 0.00	121.16 10.85 0.00	119.80 9.07 -0.34	73.42 4.50 0.00
WARRENSBURG____ 23737	76.75 4.50 0.00	75.67 4.14 0.00	65.55 3.35 0.00	58.13 2.94 0.00	62.75 3.30 0.00	63.65 3.35 0.00	75.03 4.28 0.00	81.07 4.72 0.00	83.66 4.83 0.00	97.15 5.76 0.00	79.86 4.73 0.00	88.82 5.67 0.00	90.85 6.02 0.00	108.35 7.26 0.00	146.14 9.47 0.00	129.33 7.75 0.00	330.75 19.16 0.00	496.73 31.84 0.00	385.87 29.53 0.00	595.89 46.98 0.00	317.78 26.19 0.00	119.08 8.77 0.00	120.20 7.87 -1.94	72.59 3.67 0.00
WATERSIDE____6 8 9 23538	77.03 4.79 0.00	75.59 4.05 0.00	65.77 3.57 0.00	58.68 3.48 0.00	63.18 3.72 0.00	64.19 3.89 0.00	74.97 4.22 0.00	81.25 4.89 0.00	84.42 5.59 0.00	105.20 8.49 -5.32	91.33 8.45 -7.75	99.06 9.75 -6.16	99.03 10.67 -3.53	129.98 13.21 -15.68	378.20 17.10 -224.43	602.37 15.43 -465.36	809.07 40.05 -457.43	964.62 57.94 -441.78	445.97 42.86 -46.78	613.25 63.54 -0.79	324.22 32.62 0.00	121.50 11.19 0.00	119.83 8.94 -0.51	73.35 4.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	73.68 1.43 0.00	72.83 1.29 0.00	63.29 1.09 0.00	56.23 1.04 0.00	60.58 1.13 0.00	61.51 1.21 0.00	72.12 1.37 0.00	77.73 1.38 0.00	80.11 1.28 0.00	92.72 1.33 0.00	76.60 1.47 0.00	84.94 1.79 0.00	86.95 2.11 0.00	103.75 2.66 0.00	140.05 3.38 0.00	124.08 2.50 0.00	318.61 7.02 0.00	477.17 12.28 0.00	368.17 11.83 0.00	568.91 19.99 0.00	303.07 11.48 0.00	114.19 3.88 0.00	113.54 3.16 0.00	70.31 1.39 0.00

WDELAWARE___HYD 323627	75.13 2.88 0.00	73.73 2.19 0.00	63.96 1.76 0.00	56.82 1.63 0.00	61.12 1.67 0.00	62.05 1.75 0.00	72.76 2.01 0.00	79.62 3.26 0.00	81.94 3.11 0.00	95.83 4.44 0.00	77.18 4.43 2.38	86.65 3.50 0.00	88.96 4.13 0.00	111.58 5.57 -4.91	274.76 7.29 -130.79	396.21 6.78 -267.85	607.92 19.89 -276.44	778.09 41.44 -271.75	416.81 31.70 -28.78	597.11 47.70 -0.49	315.98 24.39 0.00	118.64 8.33 0.00	116.95 6.57 0.00	71.92 3.00 0.00
WEST BABYLON___IC 23714	91.96 6.80 -12.92	83.54 5.84 -6.16	80.58 5.39 -12.99	69.51 4.95 -9.36	74.10 5.17 -9.48	69.90 5.37 -4.23	77.80 6.06 -0.99	84.81 7.04 -1.41	87.77 7.79 -1.16	101.75 9.77 -0.58	86.37 9.50 -1.73	107.94 11.58 -13.21	134.61 12.55 -37.22	178.63 15.54 -62.01	391.78 20.42 -234.69	664.87 18.84 -524.45	881.49 48.17 -521.72	1114.60 72.39 -577.31	573.30 54.84 -162.12	696.27 82.94 -64.42	371.18 42.36 -37.23	187.93 14.81 -62.81	127.22 11.89 -4.96	77.14 5.90 -2.32
WEST CANADA___HYD 24049	72.77 0.53 0.00	72.04 0.50 0.00	62.63 0.44 0.00	55.59 0.40 0.00	59.85 0.39 0.00	60.73 0.43 0.00	71.25 0.50 0.00	76.92 0.57 0.00	79.38 0.55 0.00	92.12 0.73 0.00	75.96 0.83 0.00	84.16 1.01 0.00	85.86 1.03 0.00	102.40 1.31 0.00	138.39 1.72 0.00	123.00 1.42 0.00	315.25 3.66 0.00	470.25 5.35 0.00	360.62 4.29 0.00	555.43 6.52 0.00	295.15 3.55 0.00	111.51 1.20 0.00	111.37 0.99 0.00	69.34 0.42 0.00
WESTERN_NY_WIND 24143	75.43 3.19 0.00	73.37 1.83 0.00	63.73 1.53 0.00	55.55 0.36 0.00	59.22 -0.23 0.00	60.50 0.21 0.00	70.57 -0.18 0.00	76.20 -0.15 0.00	80.24 1.41 0.00	92.96 1.57 0.00	76.99 1.86 0.00	84.96 1.81 0.00	84.53 -0.30 0.00	100.06 -1.03 0.00	135.46 -1.21 0.00	120.85 -0.73 0.00	310.10 -1.50 0.00	469.44 4.55 0.00	356.83 0.49 0.00	550.37 1.45 0.00	292.14 0.55 0.00	108.97 -1.34 0.00	111.40 1.02 0.00	70.23 1.30 0.00
WESTOVER___LESR 323668	73.67 1.43 0.00	72.33 0.79 0.00	62.72 0.53 0.00	55.70 0.51 0.00	59.74 0.29 0.00	60.83 0.53 0.00	71.35 0.61 0.00	77.22 0.86 0.00	80.05 1.23 0.00	92.96 1.57 0.00	77.09 1.96 0.00	85.78 2.62 0.00	87.19 2.36 0.00	104.21 3.13 0.00	141.60 4.93 0.00	126.07 4.49 0.00	322.90 11.31 0.00	481.64 16.74 0.00	368.00 11.66 0.00	565.84 16.92 0.00	300.56 8.96 0.00	113.20 2.89 0.00	113.90 2.10 -1.42	71.07 1.17 -0.97
WETHRSFD_WT_PWR 323626	72.73 0.49 0.00	70.99 -0.55 0.00	61.63 -0.56 0.00	54.15 -1.04 0.00	57.83 -1.63 0.00	59.09 -1.21 0.00	68.89 -1.86 0.00	74.27 -2.09 0.00	77.91 -0.92 0.00	90.24 -1.16 0.00	75.04 -0.09 0.00	83.86 0.72 0.00	84.10 -0.73 0.00	99.28 -1.81 0.00	135.55 -1.11 0.00	120.88 -0.70 0.00	309.15 -2.45 0.00	464.11 -0.79 0.00	355.47 -0.86 0.00	548.51 -0.42 0.00	290.70 -0.89 0.00	108.49 -1.82 0.00	109.19 -1.19 0.00	68.60 -0.32 0.00
WHAVSTOR_138KV_BK127 55557	76.57 4.33 0.00	75.06 3.52 0.00	65.15 2.96 0.00	57.98 2.79 0.00	62.40 2.94 0.00	63.33 3.03 0.00	74.11 3.36 0.00	80.38 4.02 0.00	83.38 4.55 0.00	98.31 6.92 0.00	82.32 7.18 0.00	91.68 8.53 0.00	94.13 9.30 0.00	120.06 11.61 -7.37	348.11 15.36 -196.08	536.97 13.84 -401.56	762.33 36.31 -414.43	925.93 53.64 -407.40	439.93 40.46 -43.14	609.94 60.29 -0.73	322.43 30.84 0.00	120.95 10.65 0.00	119.50 8.65 -0.47	73.07 4.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	76.57 4.33 0.00	75.06 3.52 0.00	65.15 2.96 0.00	57.98 2.79 0.00	62.40 2.94 0.00	63.33 3.03 0.00	74.11 3.36 0.00	80.38 4.02 0.00	83.38 4.55 0.00	98.31 6.92 0.00	82.32 7.18 0.00	91.68 8.53 0.00	94.13 9.30 0.00	120.06 11.61 -7.37	348.11 15.36 -196.08	536.97 13.84 -401.56	762.33 36.31 -414.43	925.93 53.64 -407.40	439.93 40.46 -43.14	609.94 60.29 -0.73	322.43 30.84 0.00	120.95 10.65 0.00	119.50 8.65 -0.47	73.07 4.15 0.00
WHITEHAL_115KV_TB1 80871	78.19 5.95 0.00	77.24 5.69 0.00	66.44 4.25 0.00	58.85 3.66 0.00	63.69 4.24 0.00	64.51 4.21 0.00	76.79 6.04 0.00	82.76 6.40 0.00	85.43 6.60 0.00	99.36 7.96 0.00	81.92 6.79 0.00	90.92 7.77 0.00	93.46 8.63 0.00	111.67 10.59 0.00	150.46 13.79 0.00	132.15 10.57 0.00	336.14 24.55 0.00	506.07 41.18 0.00	393.27 36.94 0.00	610.99 62.07 0.00	326.86 35.27 0.00	121.51 11.20 0.00	123.21 10.80 -2.03	74.08 5.16 0.00
WHITEPLN_13_KV_LOAD 356215	78.20 5.96 0.00	76.64 5.09 0.00	66.51 4.31 0.00	59.17 3.98 0.00	63.67 4.22 0.00	64.66 4.36 0.00	75.70 4.95 0.00	82.26 5.90 0.00	85.47 6.65 0.00	100.78 9.38 0.00	84.37 9.24 0.00	94.04 10.89 0.00	96.59 11.75 0.00	123.60 14.54 -7.97	368.14 19.29 -212.18	573.43 17.32 -434.53	805.19 45.14 -448.46	972.58 66.84 -440.85	453.13 50.12 -46.68	623.68 73.97 -0.79	329.61 38.02 0.00	123.57 13.26 0.00	122.00 11.11 -0.50	74.52 5.60 0.00
WM_FLOYD_69_KV_BK2 356380	85.91 6.43 -7.24	78.96 5.45 -1.96	75.31 4.96 -8.15	63.86 4.41 -4.26	68.24 4.47 -4.31	67.02 4.80 -1.92	76.74 5.54 -0.45	83.48 6.46 -0.67	86.43 7.14 -0.47	98.35 8.88 1.92	93.60 8.81 -9.65	159.37 10.90 -65.32	238.16 11.80 -141.53	246.78 14.40 -131.29	383.21 18.61 -227.93	617.59 16.50 -479.52	825.95 40.52 -473.83	1019.76 63.20 -491.67	522.90 48.78 -117.79	678.44 75.39 -54.13	381.23 38.27 -51.37	244.99 13.85 -120.83	188.48 11.13 -66.98	85.60 5.41 -11.27
WOODARD___115KV_TB2 355635	72.34 0.10 0.00	71.21 -0.33 0.00	61.80 -0.40 0.00	54.72 -0.47 0.00	58.74 -0.72 0.00	59.78 -0.52 0.00	70.13 -0.62 0.00	75.85 -0.51 0.00	78.41 -0.42 0.00	90.96 -0.44 0.00	75.16 0.03 0.00	83.42 0.27 0.00	84.85 0.02 0.00	101.29 0.20 0.00	137.30 0.63 0.00	122.21 0.63 0.00	312.08 0.49 0.00	465.52 0.62 0.00	356.12 -0.21 0.00	547.59 -1.33 0.00	291.42 -0.18 0.00	110.13 -0.18 0.00	112.57 -0.43 -2.62	70.46 -0.26 -1.79
WOODMERE_69_KV_BK1 55827	161.90 7.02 -82.63	135.08 6.05 -57.49	139.81 5.37 -72.24	131.92 4.86 -71.88	137.49 5.25 -72.78	98.30 5.49 -32.52	84.58 6.23 -7.59	94.04 7.14 -10.54	96.33 7.88 -9.62	134.08 10.43 -32.26	114.48 10.32 -29.02	197.36 12.44 -101.76	300.82 13.13 -202.86	363.92 16.06 -246.77	594.12 21.16 -436.29	1361.76 19.10 -1221.09	1468.53 49.57 -1107.37	2171.61 72.88 -1633.83	1386.20 54.66 -975.20	981.76 81.34 -351.50	492.63 42.30 -158.74	327.89 14.76 -202.82	162.51 12.07 -40.06	137.45 6.15 -62.37
YORK___WARBASSE 23770	77.48 5.23 0.00	75.87 4.33 0.00	66.01 3.82 0.00	59.01 3.81 0.00	63.36 3.90 0.00	64.36 4.07 0.00	74.99 4.24 0.00	81.08 4.72 0.00	84.31 5.49 0.00	103.57 8.50 -3.68	91.18 8.46 -7.59	98.93 9.68 -6.10	99.01 10.68 -3.49	129.86 13.16 -15.60	378.13 17.15 -224.31	594.31 15.52 -457.21	805.64 40.06 -453.99	964.44 57.77 -441.78	446.81 43.70 -46.78	614.76 65.05 -0.79	325.26 33.66 0.00	121.78 11.47 0.00	120.24 9.36 -0.51	73.71 4.79 0.00