PLS-CADD Version 17.50x64 12:28:36 01 May 2023
Data Collection Infotech (India) Pvt Ltd.
Project Name: 'E:\PLS CADD Aerolaser\12721_BERBEGAL\12721_BERBEGAL.don'
Line Title: '1'

Criteria Notes:
Ingenieros Emetres S.L.P.

Line Statistics:
Total alignment length: 15.36 (km), Total of span lengths strung 15.36 (km)

Total number of sections: 68
Longest section by linear length: 1.95 (km)
Longest section by number of structures: 10 structures

Total number of structures used: 110
Average number of structures per alignment Km: 7.16, Average number of structures per span Km: 7.16

Total number of alignment line angles: 107
Average number of alignment line angles per alignment Km: 6.96
Number of <= 1 deg line angles: 71
Number of <= 5 deg line angles: 7
Number of <= 15 deg line angles: 12
Number of <= 30 deg line angles: 8
Number of <= 90 deg line angles: 7
Number of > 90 deg line angles: 2

Total number of deadend structures: 66
Average number of deadend structures per alignment Km: 4.30, Average number of deadend structures per span Km: 4.30
Maximum number of suspension structures between deadend structures: 8
Average number of suspension structures between deadend structures: 0.68

Structure List Report

Struct. Number	Station (m)	Line Angle (deg)	Ahead Span (m)	Height Adjust (m)	Offset Adjust (m)	Orient Angle (deg)	Name/Description/Comments/Material

ARA-APY-L00888009-0004	0.00	0.00	73.76	10.14	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#1.stk
ARA-APY-L00888009-0003	73.76	-4.62	159.79	14.02	0.00	0.00	ARA-APY-L00888009-0004 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#2.stk
ARA-APY-L00888009-0002	233.54	8.65	154.70	14.13	0.00	0.00	ARA-APY-L00888009-0003 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#3.stk
ARA-APY-L00888009-0001	388.25	-4.25	125.37	12.43	0.00	0.00	ARA-APY-L00888009-0002 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#4.stk
ARA-APY-L00888001-0033	513.62	39.46	192.14	13.31	0.00	0.00	ARA-APY-L00888009-0001 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#5.stk
ARA-APY-L00888001-0032	705.76	-0.03	149.13	12.58	0.00	0.00	ARA-APY-L00888001-0033 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#6.stk
ARA-APY-L00888001-0031	854.89	-0.49	170.42	11.84	0.00	0.00	ARA-APY-L00888001-0032 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#7.stk
ARA-APY-L00888001-0030	1025.30	0.14	240.50	14.05	0.00	0.00	ARA-APY-L00888001-0031 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#8.stk
ARA-APY-L00888001-0029	1265.81	-0.09	194.95	14.21	0.00	0.00	ARA-APY-L00888001-0030 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#9.stk
ARA-APY-L00888001-0028	1460.75	0.06	236.52	14.25	0.00	0.00	ARA-APY-L00888001-0029 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#10.stk
ARA-APY-L00888001-0027	1697.27	0.03	218.42	15.79	0.00	0.00	ARA-APY-L00888001-0028 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#11.stk
							ARA-APY-L00888001-0027

ARA-APY-L00888001-0026 1915.69 -0.16 199.70 14.27 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#12.stk

ARA-APY-L00888001-0026

ARA-APY-L00888001-0025 2115.39 0.14 237.84 14.11 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#13.stk

ARA-APY-L00888001-0025

ARA-APY-L00888001-0024 2353.23 -0.08 238.20 14.17 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#14.stk

ARA-APY-L00888001-0024

ARA-APY-L00888001-0023 2591.43 0.01 219.86 14.15 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#15.stk

ARA-APY-L00888001-0023

ARA-APY-L00888001-0022 2811.29 -2.16 115.51 11.61 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#16.stk

ARA-APY-L00888001-0022

ARA-APY-L00888001-0021 2926.80 -0.04 164.58 12.02 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#17.stk

ARA-APY-L00888001-0021

ARA-APY-L00888001-0020 3091.38 9.51 122.50 15.76 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#18.stk

ARA-APY-L00888001-0020

ARA-APY-L00888001-0019 3213.87 -10.39 169.81 12.49 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#19.stk

ARA-APY-L00888001-0019

ARA-APY-L00888001-0018 3383.69 0.02 222.55 14.08 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#20.stk

ARA-APY-L00888001-0018

ARA-APY-L00888001-0017 3606.24 -0.07 231.55 13.68 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#21.stk

ARA-APY-L00888001-0017

ARA-APY-L00888001-0016 3837.79 -2.33 240.22 13.82 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#22.stk

ARA-APY-L00888001-0016

ARA-APY-L00888001-0015	4078.01	-0.02	318.78	23.88	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#23.stk
ARA-APY-L00888001-0014	4396.79	0.02	140.71	23.60	0.00	0.00	ARA-APY-L00888001-0015 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#24.stk
ARA-APY-L00888001-0013	4537.50	-0.02	259.85	15.83	0.00	0.00	ARA-APY-L00888001-0014 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#25.stk
ARA-APY-L00888001-0012	4797.34	0.03	179.59	12.34	0.00	0.00	ARA-APY-L00888001-0013 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#26.stk
ARA-APY-L00888001-0011	4976.94	-0.12	182.88	13.88	0.00	0.00	ARA-APY-L00888001-0012 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#27.stk
ARA-APY-L00888001-0010	5159.81	0.17	230.69	14.36	0.00	0.00	ARA-APY-L00888001-0011 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#28.stk
ARA-APY-L00888001-0009	5390.51	-0.03	222.54	14.09	0.00	0.00	ARA-APY-L00888001-0010 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#29.stk
ARA-APY-L00888001-0008	5613.05	-1.02	99.67	17.16	0.00	0.00	ARA-APY-L00888001-0009 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#30.stk
ARA-APY-L00888001-0007	5712.72	8.69	67.50	11.91	0.00	0.00	ARA-APY-L00888001-0008 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#31.stk
ARA-APY-L00888001-0006D	5780.22	-22.88	91.75	10.77	0.00	0.00	ARA-APY-L00888001-0007 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#32.stk
ARA-APY-L00888002-0002	5851.73	-12.33	151.39	13.94	0.00	0.00	ARA-APY-L00888001-0006D E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#33.stk
							ARA-APY-L00888002-0002

ARA-APY-L00888002-0002_NUEVO_1	6003.12	0.00	0.00	11.75	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#34.stk
ARA-APY-L00887002-0009_NUEVO_1	6103.12	0.00	20.79	9.90	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#35.stk
ARA-APY-L00887002-0009	6123.91	0.00	0.00	13.76	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#36.stk
ARA-APY-L00888010-001B	6258.46	48.93	232.23	13.96	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#37.stk
ARA-APY-L00888010-0001	6490.69	-16.11	199.92	15.78	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#38.stk
ARA-APY-L00888010-0002	6690.61	0.09	112.62	15.28	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#39.stk
ARA-APY-L00888010-0003	6803.23	41.08	173.54	13.19	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#40.stk
ARA-APY-L00888010-0005	6976.78	18.85	150.77	13.18	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#41.stk
ARA-APY-L00888010-0006	7127.54	0.00	144.55	14.25	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#42.stk
ARA-APY-L00888010-0007	7272.10	-9.45	176.87	15.25	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#43.stk
ARA-APY-L00888010-0008	7448.97	-0.03	160.33	11.59	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#44.stk
ARA-APY-L00888010-0008							

ARA-APY-L00888010-0009	7609.30	-0.05	154.62	14.55	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#45.stk
ARA-APY-L00888010-0010	7763.91	0.11	99.48	12.53	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#46.stk
ARA-APY-L00888010-0011	7863.39	-0.18	151.44	10.54	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#47.stk
ARA-APY-L00888010-0011_NUEVO_1	8014.83	-40.00	89.03	10.16	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#48.stk
ARA-APY-L00888010-0011_NUEVO_2	8103.86	0.00	0.00	12.00	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#49.stk
ARA-APY-L00888010-0013	8290.58	-6.32	106.35	10.27	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#50.stk
ARA-APY-L00888010-0014	8396.93	-23.95	64.53	13.93	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#51.stk
ARA-APY-L00888010-0015	8461.45	0.00	0.00	13.79	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#52.stk
ARA-APY-L00888001-0033B	8579.90	0.74	123.79	11.82	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#53.stk
ARA-APY-L00888001-0034	8703.69	0.00	226.59	15.63	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#54.stk
ARA-APY-L00888001-0036	8930.28	-26.76	163.25	11.60	0.00	0.00	E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#55.stk

ARA-APY-L00888011-0036 9093.52 -0.11 100.07 9.50 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#56.stk

ARA-APY-L00888011-0036

ARA-APY-L00888012-0037 9193.59 0.00 0.00 9.57 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#57.stk

ARA-APY-L00888012-0037

ARA-APY-L00888001-0037 9398.30 0.32 64.28 9.84 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#58.stk

ARA-APY-L00888001-0037

ARA-APY-L00888001-0038 9462.58 -0.42 41.75 10.07 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#59.stk

ARA-APY-L00888001-0038

ARA-APY-L00888001-0039 9504.32 0.61 49.43 9.31 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#60.stk

ARA-APY-L00888001-0039

ARA-APY-L00888001-0040 9553.75 0.28 38.08 10.62 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#61.stk

ARA-APY-L00888001-0040

ARA-APY-L00888001-0041 9591.83 -3.38 22.67 10.10 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#62.stk

ARA-APY-L00888001-0041

ARA-APY-L00888001-0042 9614.49 19.93 169.47 14.54 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#63.stk

ARA-APY-L00888001-0042

ARA-APY-L00888001-0042_NUEVO 9783.97 0.00 0.00 13.30 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#64.stk

ARA-APY-L00888001-0042_NUEVO

ARA-APY-L00888007-0001 10005.43 -0.02 171.52 12.28 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#65.stk

ARA-APY-L00888007-0001

ARA-APY-L00888007-0002 10176.95 0.04 136.78 14.26 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#66.stk

ARA-APY-L00888007-0002

ARA-APY-L00888007-0003 10313.74 -0.02 135.28 12.49 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#67.stk

ARA-APY-L00888007-0003

ARA-APY-L00888007-0004 10449.02 -10.55 177.79 12.05 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#68.stk

ARA-APY-L00888007-0004

ARA-APY-L00888007-0005 10626.81 0.06 189.31 14.18 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#69.stk

ARA-APY-L00888007-0005

ARA-APY-L00888007-0006 10816.12 -0.02 148.56 12.36 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#70.stk

ARA-APY-L00888007-0006

ARA-APY-L00888007-0007 10964.68 0.02 188.94 14.32 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#71.stk

ARA-APY-L00888007-0007

ARA-APY-L00888007-0008 11153.62 -0.03 194.53 15.64 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#72.stk

ARA-APY-L00888007-0008

ARA-APY-L00888007-0009 11348.15 0.01 185.21 15.62 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#73.stk

ARA-APY-L00888007-0009

ARA-APY-L00888007-0010 11533.37 -0.03 200.80 14.17 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#74.stk

ARA-APY-L00888007-0010

ARA-APY-L00888007-0011 11734.17 0.02 201.47 15.96 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#75.stk

ARA-APY-L00888007-0011

ARA-APY-L00888007-0012 11935.64 0.07 219.02 14.26 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#76.stk

ARA-APY-L00888007-0012

ARA-APY-L00888007-0013 12154.66 -0.03 189.73 14.36 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#77.stk

ARA-APY-L00888007-0013

ARA-APY-L00888007-0014 12344.39 0.02 181.31 14.24 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#78.stk

ARA-APY-L00888007-0014

ARA-APY-L00888007-0015 12525.70 -0.05 154.18 12.50 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#79.stk

ARA-APY-L00888007-0015

ARA-APY-L00888007-0016 12679.88 0.10 176.57 14.26 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#80.stk

ARA-APY-L00888007-0016

ARA-APY-L00888007-0017 12856.45 16.83 105.18 11.79 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#81.stk

ARA-APY-L00888007-0017

ARA-APY-L00888007-0017_NUEVO_1 12961.63 0.00 0.00 10.10 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#82.stk

ARA-APY-L00888007-0017_NUEVO_1

ARA-APY-L00888005-0001 13217.37 11.70 152.42 13.86 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#83.stk

ARA-APY-L00888005-0001

ARA-APY-L00888005-0002 13369.79 -5.95 122.91 12.18 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#84.stk

ARA-APY-L00888005-0002

ARA-APY-L00888005-0003 13492.70 0.10 123.33 12.27 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#85.stk

ARA-APY-L00888005-0003

ARA-APY-L00888005-0004 13616.04 -0.07 144.78 12.34 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#86.stk

ARA-APY-L00888005-0004

ARA-APY-L00888005-0004_NUEVO 13760.82 0.00 0.00 11.65 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#87.stk

ARA-APY-L00888005-0004_NUEVO

ARA-APY-L00888003-00C1 13933.13 -4.51 134.13 10.89 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#88.stk

ARA-APY-L00888003-00C1

ARA-APY-L00888003-0002 14067.25 42.86 160.58 13.54 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#89.stk

ARA-APY-L00888003-0002
ARA-APY-L00888003-0003 14227.84 7.00 104.20 13.93 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#90.stk

ARA-APY-L00888003-0003
ARA-APY-L00888003-0004 14332.03 122.63 63.71 10.49 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#91.stk

ARA-APY-L00888003-0004
ARA-APY-L00888003-0004_NUEVO_1 14395.74 0.00 0.00 10.19 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#92.stk

ARA-APY-L00888003-0004_NUEVO_1
ARA-APY-L00888001-0005D 14587.49 0.36 90.39 10.64 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#93.stk

ARA-APY-L00888001-0005D
ARA-APY-L00888001-0004d 14677.88 17.37 166.89 12.81 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#94.stk

ARA-APY-L00888001-0004d
ARA-APY-L00888001-0003D 14844.78 0.22 167.36 12.45 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#95.stk

ARA-APY-L00888001-0003D
ARA-APY-L00888001-0002D 15012.13 0.03 142.81 14.87 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#96.stk

ARA-APY-L00888001-0002D
ARA-APY-L00888001-0001D 15154.95 -0.25 111.33 14.70 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#97.stk

ARA-APY-L00888001-0001D
ARA-APY-L00887001-000D 15266.28 0.00 0.00 10.68 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#98.stk

ARA-APY-L00887001-000D
L00888019-002 15406.09 -52.33 44.61 13.78 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#99.stk

L00888019-002

L00888019-002_NUEVO_1 15450.70 -0.22 72.91 11.02 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#100.stk

L00888019-002_NUEVO_1
TERRENO 15523.61 0.00 0.00 7.04 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#101.stk

TERRENO
ARA-APY-L00888001-0005D_NUEVO_1 15647.85 -0.59 123.46 12.26 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#102.stk

ARA-APY-L00888001-0005D_NUEVO_1
ARA-APY-L00887002-0002 15771.31 -8.29 84.29 10.87 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#103.stk

ARA-APY-L00887002-0002
ARA-APY-L00887002-0003 15855.60 0.18 159.00 13.79 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#104.stk

ARA-APY-L00887002-0003
ARA-APY-L00887002-0004 16014.61 -0.15 133.24 15.97 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#105.stk

ARA-APY-L00887002-0004
ARA-APY-L00887002-0005 16147.84 -112.94 153.19 16.01 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#106.stk

ARA-APY-L00887002-0005
ARA-APY-L00887002-0006 16301.04 0.45 47.03 14.38 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#107.stk

ARA-APY-L00887002-0006
ARA-APY-L00887002-0007 16348.06 81.96 108.33 13.48 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#108.stk

ARA-APY-L00887002-0007
ARA-APY-L00887002-0008 16456.39 0.00 0.00 11.93 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#109.stk

ARA-APY-L00887002-0008
ARA-APY-L00888011-0001 16563.69 0.00 0.00 10.03 0.00 0.00 E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#110.stk

ARA-APY-L00888011-0001

Structure Coordinates Report

Struct. Number	Station (m)	Line Angle (deg)	Ahead Span (m)	X (m)	Y (m)	Z (m)	Structure Name	Sets In XY Structure Line Angle Calculation
ARA-APY-L00888009-0004	0.00	0.00	73.76	748207.39	4649569.44	477.96	Deadend Clamp.#1.stk	Not Applicable
ARA-APY-L00888009-0003	73.76	-4.62	159.79	748174.85	4649503.25	473.13	Deadend Clamp.#2.stk	Not Applicable
ARA-APY-L00888009-0002	233.54	8.65	154.70	748116.14	4649354.64	458.37	Deadend Clamp.#3.stk	Not Applicable
ARA-APY-L00888009-0001	388.25	-4.25	125.37	748038.31	4649220.94	449.68	Deadend Clamp.#4.stk	Not Applicable
ARA-APY-L00888001-0033	513.62	39.46	192.14	747983.44	4649108.21	447.33	Deadend Clamp.#5.stk	Not Applicable
ARA-APY-L00888001-0032	705.76	-0.03	149.13	747808.72	4649028.28	449.17	Susp Clamp.#6.stk	Not Applicable
ARA-APY-L00888001-0031	854.89	-0.49	170.42	747673.14	4648966.17	442.87	Deadend Clamp.#7.stk	Not Applicable
ARA-APY-L00888001-0030	1025.30	0.14	240.50	747518.82	4648893.87	438.66	Susp Clamp.#8.stk	Not Applicable
ARA-APY-L00888001-0029	1265.81	-0.09	194.95	747300.78	4648792.38	433.29	Susp Clamp.#9.stk	Not Applicable
ARA-APY-L00888001-0028	1460.75	0.06	236.52	747124.17	4648709.84	429.39	Susp Clamp.#10.stk	Not Applicable
ARA-APY-L00888001-0027	1697.27	0.03	218.42	746909.79	4648609.93	425.13	Susp Clamp.#11.stk	Not Applicable
ARA-APY-L00888001-0026	1915.69	-0.16	199.70	746711.77	4648517.75	424.03	Susp Clamp.#12.stk	Not Applicable
ARA-APY-L00888001-0025	2115.39	0.14	237.84	746530.96	4648432.97	418.31	Susp Clamp.#13.stk	Not Applicable
ARA-APY-L00888001-0024	2353.23	-0.08	238.20	746315.37	4648332.53	418.26	Susp Clamp.#14.stk	Not Applicable

ARA-APY-L00888001-0023	2591.43	0.01	219.86	746099.59	4648231.64	416.05	Susp Clamp.#15.stk Not Applicable
ARA-APY-L00888001-0022	2811.29	-2.16	115.51	745900.42	4648138.54	413.58	Deadend Clamp.#16.stk Not Applicable
ARA-APY-L00888001-0021	2926.80	-0.04	164.58	745797.70	4648085.71	412.43	Deadend Clamp.#17.stk Not Applicable
ARA-APY-L00888001-0020	3091.38	9.51	122.50	745651.40	4648010.33	407.62	Deadend Clamp.#18.stk Not Applicable
ARA-APY-L00888001-0019	3213.87	-10.39	169.81	745534.73	4647972.99	410.84	Deadend Clamp.#19.stk Not Applicable
ARA-APY-L00888001-0018	3383.69	0.02	222.55	745384.98	4647892.92	410.02	Susp Clamp.#20.stk Not Applicable
ARA-APY-L00888001-0017	3606.24	-0.07	231.55	745188.68	4647788.06	411.88	Susp Clamp.#21.stk Not Applicable
ARA-APY-L00888001-0016	3837.79	-2.33	240.22	744984.57	4647678.72	411.75	Deadend Clamp.#22.stk Not Applicable
ARA-APY-L00888001-0015	4078.01	-0.02	318.78	744777.61	4647556.77	413.33	Susp Clamp.#23.stk Not Applicable
ARA-APY-L00888001-0014	4396.79	0.02	140.71	744503.01	4647394.86	420.06	Susp Clamp.#24.stk Not Applicable
ARA-APY-L00888001-0013	4537.50	-0.02	259.85	744381.77	4647323.44	417.87	Deadend Clamp.#25.stk Not Applicable
ARA-APY-L00888001-0012	4797.34	0.03	179.59	744157.92	4647191.49	432.94	Susp Clamp.#26.stk Not Applicable
ARA-APY-L00888001-0011	4976.94	-0.12	182.88	744003.16	4647100.37	430.49	Susp Clamp.#27.stk Not Applicable
ARA-APY-L00888001-0010	5159.81	0.17	230.69	743845.76	4647007.26	432.00	Susp Clamp.#28.stk Not Applicable
ARA-APY-L00888001-0009	5390.51	-0.03	222.54	743646.85	4646890.41	415.86	Susp Clamp.#29.stk Not Applicable
ARA-APY-L00888001-0008	5613.05	-1.02	99.67	743455.03	4646777.58	406.21	Deadend Clamp.#30.stk Not Applicable
ARA-APY-L00888001-0007	5712.72	8.69	67.50	743370.04	4646725.52	402.20	Deadend Clamp.#31.stk Not Applicable
ARA-APY-L00888001-0006D	5780.22	-22.88	91.75	743307.81	4646699.36	399.24	Deadend Clamp.#32.stk Not Applicable
ARA-APY-L00888002-0002	5851.73	-12.33	151.39	743257.85	4646648.20	396.58	Deadend Clamp.#33.stk Not Applicable
ARA-APY-L00888002-0002_NUEVO_1	6003.12	0.00	0.00	743177.65	4646519.80	391.16	Deadend Clamp.#34.stk Not Applicable
ARA-APY-L00887002-0009_NUEVO_1	6103.12		20.79	742433.89	4646363.26	375.01	Deadend Clamp.#35.stk Not Applicable
ARA-APY-L00887002-0009	6123.91		0.00	742449.67	4646376.80	375.71	Deadend Clamp.#36.stk Not Applicable

ARA-APY-L00888010-001B	6258.46	48.93	232.23	748006.04	4649233.29	448.59	Deadend Clamp.#37.stk Not Applicable
ARA-APY-L00888010-0001	6490.69	-16.11	199.92	747926.11	4649451.33	454.91	Deadend Clamp.#38.stk Not Applicable
ARA-APY-L00888010-0002	6690.61	0.09	112.62	747807.91	4649612.56	455.97	Susp Clamp.#39.stk Not Applicable
ARA-APY-L00888010-0003	6803.23	41.08	173.54	747741.47	4649703.50	459.17	Deadend Clamp.#40.stk Not Applicable
ARA-APY-L00888010-0005	6976.78	18.85	150.77	747756.37	4649876.40	460.39	Deadend Clamp.#41.stk Not Applicable
ARA-APY-L00888010-0006	7127.54	0.00	144.55	747817.16	4650014.37	462.50	Susp Clamp.#42.stk Not Applicable
ARA-APY-L00888010-0007	7272.10	-9.45	176.87	747875.45	4650146.65	454.54	Deadend Clamp.#43.stk Not Applicable
ARA-APY-L00888010-0008	7448.97	-0.03	160.33	747919.22	4650318.02	430.56	Deadend Clamp.#44.stk Not Applicable
ARA-APY-L00888010-0009	7609.30	-0.05	154.62	747958.82	4650473.38	420.43	Susp Clamp.#45.stk Not Applicable
ARA-APY-L00888010-0010	7763.91	0.11	99.48	747996.88	4650623.24	417.66	Susp Clamp.#46.stk Not Applicable
ARA-APY-L00888010-0011	7863.39	-0.18	151.44	748021.56	4650719.61	415.71	Deadend Clamp.#47.stk Not Applicable
ARA-APY-L00888010-0011_NUEVO_1	8014.83	-40.00	89.03	748058.67	4650866.43	409.31	Deadend Clamp.#48.stk Not Applicable
ARA-APY-L00888010-0011_NUEVO_2	8103.86	0.00	0.00	748019.90	4650946.58	403.35	Deadend Clamp.#49.stk Not Applicable
ARA-APY-L00888010-0013	8290.58	-6.32	106.35	748130.92	4650914.38	400.46	Deadend Clamp.#50.stk Not Applicable
ARA-APY-L00888010-0014	8396.93	-23.95	64.53	748212.51	4650982.59	395.83	Deadend Clamp.#51.stk Not Applicable
ARA-APY-L00888010-0015	8461.45	0.00	0.00	748240.95	4651040.51	391.32	Deadend Clamp.#52.stk Not Applicable
ARA-APY-L00888001-0033B	8579.90	0.74	123.79	748001.60	4649111.49	448.08	Deadend Clamp.#53.stk Not Applicable
ARA-APY-L00888001-0034	8703.69	0.00	226.59	748123.69	4649131.92	450.08	Susp Clamp.#54.stk Not Applicable
ARA-APY-L00888001-0036	8930.28	-26.76	163.25	748347.17	4649169.31	457.54	Deadend Clamp.#55.stk Not Applicable
ARA-APY-L00888011-0036	9093.52	-0.11	100.07	748478.81	4649265.85	459.96	Deadend Clamp.#56.stk Not Applicable
ARA-APY-L00888012-0037	9193.59	0.00	0.00	748559.39	4649325.18	465.34	Deadend Clamp.#57.stk Not Applicable
ARA-APY-L00888001-0037	9398.30	0.32	64.28	748365.27	4649272.44	457.80	Deadend Clamp.#58.stk Not Applicable

ARA-APY-L00888001-0038	9462.58	-0.42	41.75	748376.73	4649335.69	462.65	Susp Post.#59.stk
Not Applicable							
ARA-APY-L00888001-0039	9504.32	0.61	49.43	748383.87	4649376.82	465.36	Susp Post.#60.stk
Not Applicable							
ARA-APY-L00888001-0040	9553.75	0.28	38.08	748392.84	4649425.43	470.95	Susp Post.#61.stk
Not Applicable							
ARA-APY-L00888001-0041	9591.83	-3.38	22.67	748399.93	4649462.84	472.41	Deadend Clamp.#62.stk
Not Applicable							
ARA-APY-L00888001-0042	9614.49	19.93	169.47	748402.83	4649485.32	475.15	Deadend Clamp.#63.stk
Not Applicable							
ARA-APY-L00888001-0042_NUEVO	9783.97	0.00	0.00	748480.51	4649635.94	499.80	Deadend Clamp.#64.stk
Not Applicable							
ARA-APY-L00888007-0001	10005.43	-0.02	171.52	745726.13	4647914.57	411.05	Deadend Clamp.#65.stk
Not Applicable							
ARA-APY-L00888007-0002	10176.95	0.04	136.78	745831.70	4647779.39	413.20	Susp Clamp.#66.stk
Not Applicable							
ARA-APY-L00888007-0003	10313.74	-0.02	135.28	745915.82	4647671.53	414.88	Susp Clamp.#67.stk
Not Applicable							
ARA-APY-L00888007-0004	10449.02	-10.55	177.79	745999.06	4647564.89	414.93	Deadend Clamp.#68.stk
Not Applicable							
ARA-APY-L00888007-0005	10626.81	0.06	189.31	746132.26	4647447.13	413.69	Susp Clamp.#69.stk
Not Applicable							
ARA-APY-L00888007-0006	10816.12	-0.02	148.56	746273.96	4647321.59	413.57	Susp Clamp.#70.stk
Not Applicable							
ARA-APY-L00888007-0007	10964.68	0.02	188.94	746385.20	4647223.12	416.75	Susp Clamp.#71.stk
Not Applicable							
ARA-APY-L00888007-0008	11153.62	-0.03	194.53	746526.62	4647097.83	419.56	Susp Clamp.#72.stk
Not Applicable							
ARA-APY-L00888007-0009	11348.15	0.01	185.21	746672.30	4646968.91	422.65	Susp Clamp.#73.stk
Not Applicable							
ARA-APY-L00888007-0010	11533.37	-0.03	200.80	746810.97	4646846.13	426.04	Susp Clamp.#74.stk
Not Applicable							
ARA-APY-L00888007-0011	11734.17	0.02	201.47	746961.38	4646713.10	430.31	Deadend Clamp.#75.stk
Not Applicable							
ARA-APY-L00888007-0012	11935.64	0.07	219.02	747112.24	4646579.56	433.42	Susp Clamp.#76.stk
Not Applicable							
ARA-APY-L00888007-0013	12154.66	-0.03	189.73	747276.06	4646434.19	441.48	Susp Clamp.#77.stk
Not Applicable							
ARA-APY-L00888007-0014	12344.39	0.02	181.31	747418.04	4646308.34	445.71	Susp Clamp.#78.stk
Not Applicable							
ARA-APY-L00888007-0015	12525.70	-0.05	154.18	747553.68	4646188.02	452.18	Susp Clamp.#79.stk
Not Applicable							
ARA-APY-L00888007-0016	12679.88	0.10	176.57	747669.11	4646085.81	459.78	Susp Clamp.#80.stk
Not Applicable							

ARA-APY-L00888007-0017	12856.45	16.83	105.18	747801.09	4645968.52	476.90	Deadend Clamp.#81.stk Not Applicable
ARA-APY-L00888007-0017_NUEVO_1	12961.63	0.00	0.00	747856.12	4645878.88	497.95	Deadend Clamp.#82.stk Not Applicable
ARA-APY-L00888005-0001	13217.37	11.70	152.42	744999.30	4647523.68	410.98	Deadend Clamp.#83.stk Not Applicable
ARA-APY-L00888005-0002	13369.79	-5.95	122.91	744982.64	4647372.17	410.04	Deadend Clamp.#84.stk Not Applicable
ARA-APY-L00888005-0003	13492.70	0.10	123.33	744981.95	4647249.26	409.31	Susp Clamp.#85.stk Not Applicable
ARA-APY-L00888005-0004	13616.04	-0.07	144.78	744981.05	4647125.93	408.73	Susp Clamp.#86.stk Not Applicable
ARA-APY-L00888005-0004_NUEVO	13760.82	0.00	0.00	744980.17	4646981.15	406.13	Deadend Clamp.#87.stk Not Applicable
ARA-APY-L00888003-00C1	13933.13	-4.51	134.13	743351.91	4646642.06	403.80	Deadend Clamp.#88.stk Not Applicable
ARA-APY-L00888003-0002	14067.25	42.86	160.58	743441.82	4646542.53	407.43	Deadend Clamp.#89.stk Not Applicable
ARA-APY-L00888003-0003	14227.84	7.00	104.20	743439.66	4646381.96	408.33	Deadend Clamp.#90.stk Not Applicable
ARA-APY-L00888003-0004	14332.03	122.63	63.71	743425.57	4646278.72	408.16	Deadend Clamp.#91.stk Not Applicable
ARA-APY-L00888003-0004_NUEVO_1	14395.74	0.00	0.00	743377.05	4646320.01	409.15	Deadend Clamp.#92.stk Not Applicable
ARA-APY-L00888001-0005D	14587.49	0.36	90.39	743258.73	4646776.88	408.55	Deadend Clamp.#93.stk Not Applicable
ARA-APY-L00888001-0004d	14677.88	17.37	166.89	743210.86	4646853.55	405.53	Deadend Clamp.#94.stk Not Applicable
ARA-APY-L00888001-0003D	14844.78	0.22	167.36	743168.77	4647015.05	400.25	Deadend Clamp.#95.stk Not Applicable
ARA-APY-L00888001-0002D	15012.13	0.03	142.81	743127.20	4647177.16	402.98	Susp Clamp.#96.stk Not Applicable
ARA-APY-L00888001-0001D	15154.95	-0.25	111.33	743091.81	4647315.52	398.56	Susp Clamp.#97.stk Not Applicable
ARA-APY-L00887001-000D	15266.28	0.00	0.00	743063.75	4647423.26	400.85	Deadend Clamp.#98.stk Not Applicable
L00888019-002	15406.09	-52.33	44.61	743142.24	4646985.37	395.69	Deadend Clamp.#99.stk Not Applicable
L00888019-002_NUEVO_1	15450.70	-0.22	72.91	743150.40	4646941.51	398.91	Deadend Clamp.#100.stk Not Applicable
TERRENO	15523.61	0.00	0.00	743164.01	4646869.88	397.20	Deadend Clamp.#101.stk Not Applicable
ARA-APY-L00888001-0005D_NUEVO_1	15647.85	-0.59	123.46	743235.16	4646782.53	407.54	Deadend Clamp.#102.stk Not Applicable

ARA-APY-L00887002-0002	15771.31	-8.29	84.29	743114.81	4646810.07	394.78	Deadend Clamp.#103.stk Not Applicable
ARA-APY-L00887002-0003	15855.60	0.18	159.00	743030.79	4646816.83	391.88	Deadend Clamp.#104.stk Not Applicable
ARA-APY-L00887002-0004	16014.61	-0.15	133.24	742872.34	4646830.09	389.75	Deadend Clamp.#105.stk Not Applicable
ARA-APY-L00887002-0005	16147.84	-112.94	153.19	742739.54	4646840.85	386.22	Deadend Clamp.#106.stk Not Applicable
ARA-APY-L00887002-0006	16301.04	0.45	47.03	742787.66	4646695.41	382.23	Susp Clamp.#107.stk Not Applicable
ARA-APY-L00887002-0007	16348.06	81.96	108.33	742802.08	4646650.65	382.48	Deadend Clamp.#108.stk Not Applicable
ARA-APY-L00887002-0008	16456.39	0.00	0.00	742704.63	4646603.34	380.94	Deadend Clamp.#109.stk Not Applicable
ARA-APY-L00888011-0001	16563.69		0.00	748482.98	4649259.86	459.43	Deadend Clamp.#110.stk Not Applicable

Structure Attachment Coordinates

Coordinates and arc lengths along the wire are for weather case '* Surveyed Wire Temp. ***', Creep RS, wind from the left.**
Arc lengths are adjusted for the number of subconductors and to exclude the length of strain insulators.
Arc lengths and slack are computed with any concentrated loads removed. Other columns are with concentrated loads applied.

Insulator	Struct. Set Phase Wire	Circuit Phase Mid	Structure Set Low	TIN Z below	Ahead Number	Ahead No.	Label	Label	Name	Label	Attach Insulator	Attach Wire	Attach Mid	Attach Low	Span	Span	Point	Point	Point	Point	Point	Point	Attach	Span	Arc	Slack	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	Point	Length
(m)	(m)	(m)	(m)	(m)																																			

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          ARA-APY-L00888009-0004   2     1 Circuit 1    A1   Deadend Clamp.#1.stk   Circ1 748205.23 4649569.08
488.00   748205.23 4649569.08 488.00   748189.35 4649537.03 486.74   748184.70 4649527.65 486.67        0.00
0.00   0.00   0.00    71.560   0.024
                                        2              B1                                  748206.97 4649568.53
488.05   748206.97 4649568.53 488.05   748191.13 4649536.30 486.90   748185.49 4649524.84 486.81        0.00
0.00   0.00   0.00    71.846   0.017
                                        3              C1                                  748208.67 4649567.86
488.06   748208.67 4649567.86 488.06   748192.86 4649535.51 486.87   748187.19 4649523.92 486.79        0.00
0.00   0.00   0.00    72.036   0.018

          ARA-APY-L00888009-0003   2     1                   Deadend Clamp.#2.stk   Circ1 748173.47 4649504.99
487.07   748173.47 4649504.99 487.07      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                               748175.28 4649504.08
487.09   748175.28 4649504.08 487.09      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                               748177.05 4649503.16
487.07   748177.05 4649503.16 487.07      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                  748172.71 4649503.36
487.02   748172.71 4649503.36 487.02   748143.72 4649429.87 475.69   748117.48 4649363.33 472.39        0.00
0.00   0.00   0.00   158.942   0.272
                                        2              B1                                  748174.45 4649502.25
486.97   748174.45 4649502.25 486.97   748145.49 4649428.87 475.58   748119.97 4649364.20 472.39        0.00
0.00   0.00   0.00   158.728   0.284
                                        3              C1                                  748176.30 4649501.54
486.98   748176.30 4649501.54 486.98   748147.28 4649427.97 475.74   748120.85 4649360.96 472.44        0.00
0.00   0.00   0.00   159.089   0.265

          ARA-APY-L00888009-0002   2     1                   Deadend Clamp.#3.stk   Circ1 748114.74 4649356.38
472.43   748114.74 4649356.38 472.43      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                               748116.53 4649355.49
472.45   748116.53 4649355.49 472.45      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                               748118.26 4649354.41
472.47   748118.26 4649354.41 472.47      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                  748117.42 4649352.75
472.38   748117.42 4649352.75 472.38   748078.85 4649286.80 463.70   748050.63 4649238.55 461.82        0.00
0.00   0.00   0.00   153.374   0.216
                                        2              B1                                  748115.60 4649353.61
472.34   748115.60 4649353.61 472.34   748077.24 4649287.74 463.72   748048.73 4649238.77 461.80        0.00
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0.00   0.00   0.00   153.020   0.209
                                        3              C1                                  748113.86 4649354.59
472.33   748113.86 4649354.59 472.33   748075.54 4649288.58 463.76   748046.70 4649238.89 461.82        0.00
0.00   0.00   0.00   153.209   0.203

          ARA-APY-L00888009-0001   2     1                   Deadend Clamp.#4.stk   Circ1 748040.28 4649220.84
462.07   748040.28 4649220.84 462.07       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                              748038.88 4649221.86
462.03   748038.88 4649221.86 462.03       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                              748037.22 4649222.57
462.03   748037.22 4649222.57 462.03       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    3   1                                              748038.17 4649222.89
460.15   748038.17 4649222.89 460.15   748023.27 4649228.24 460.39   748033.84 4649224.44 460.10        0.00
0.00   0.00   0.00    31.742   0.027
                                        2                                              748037.15 4649221.50
460.20   748037.15 4649221.50 460.20   748022.03 4649227.11 460.73   748036.88 4649221.60 460.20        0.00
0.00   0.00   0.00    32.346   0.025
                                        3                                              748036.63 4649219.82
460.21   748036.63 4649219.82 460.21   748020.89 4649226.02 460.50   748033.59 4649221.02 460.19        0.00
0.00   0.00   0.00    33.877   0.018
                                   21   1 Circuit 1    A1                              748036.42 4649221.07
461.96   748036.42 4649221.07 461.96   748009.26 4649164.83 457.29   747997.56 4649140.60 456.83        0.00
0.00   0.00   0.00   125.132   0.134
                                        2              B1                              748037.80 4649219.99
461.99   748037.80 4649219.99 461.99   748010.69 4649164.62 457.35   747998.98 4649140.68 456.89        0.00
0.00   0.00   0.00   123.507   0.134
                                        3              C1                              748039.43 4649219.30
461.99   748039.43 4649219.30 461.99   748012.39 4649164.49 457.51   747999.96 4649139.29 457.02        0.00
0.00   0.00   0.00   122.430   0.119

          ARA-APY-L00888001-0033   2     1 Circuit 1    A1   Deadend Clamp.#5.stk   Circ1 747981.82 4649109.75
460.55   747981.82 4649109.75 460.55   747894.91 4649069.85 457.00   747895.10 4649069.93 457.00        0.00
0.00   0.00   0.00   191.445   0.178
                                        2              B1                              747982.50 4649107.86
460.56   747982.50 4649107.86 460.56   747895.63 4649068.11 457.26   747898.34 4649069.35 457.26        0.00
0.00   0.00   0.00   191.234   0.173
                                        3              C1                              747983.30 4649106.03
460.47   747983.30 4649106.03 460.47   747896.36 4649066.33 457.10   747896.86 4649066.56 457.10        0.00
0.00   0.00   0.00   191.326   0.163
                                    3   1                                              747982.10 4649108.58
457.64   747982.10 4649108.58 457.64       0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000
                                          2                                          747983.59 4649109.25
457.69   747983.59 4649109.25 457.69     0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                          747985.35 4649109.68
457.70   747985.35 4649109.68 457.70     0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21    1 Circuit 1    A1                          747983.66 4649110.31
460.51   747983.66 4649110.31 460.51   747991.77 4649111.64 459.90   747999.87 4649112.97 459.30       0.00
0.00   0.00   0.00    16.468   0.000
                                          2              B1                          747984.58 4649108.51
460.50   747984.58 4649108.51 460.50   747992.32 4649109.87 460.10   748000.05 4649111.23 459.86       0.00
0.00   0.00   0.00    15.720   0.001
                                          3              C1                          747985.26 4649106.63
460.40   747985.26 4649106.63 460.40   747992.88 4649108.07 459.85   748000.50 4649109.50 459.31       0.00
0.00   0.00   0.00    15.551   0.000

         ARA-APY-L00888001-0032   2       1 Circuit 1    A1      Susp Clamp.#6.stk   Circ1 747808.00 4649029.94
460.58   747808.00 4649029.94 460.58   747740.71 4648999.07 455.32   747686.55 4648974.23 454.01       0.00
0.00   0.00   0.00   148.293   0.073
                                          2              B1                          747808.76 4649028.36
461.00   747808.76 4649028.36 461.00   747741.44 4648997.48 455.87   747687.33 4648972.66 454.60       0.00
0.00   0.00   0.00   148.324   0.070
                                          3              C1                          747809.41 4649026.63
460.55   747809.41 4649026.63 460.55   747742.02 4648995.78 455.38   747686.43 4648970.33 454.05       0.00
0.00   0.00   0.00   148.440   0.068

         ARA-APY-L00888001-0031   2       1 Circuit 1    A1   Deadend Clamp.#7.stk   Circ1 747671.38 4648967.27
454.02   747671.38 4648967.27 454.02   747594.73 4648931.38 450.06   747577.40 4648923.27 449.91       0.00
0.00   0.00   0.00   169.418   0.118
                                          2              B1                          747672.26 4648965.74
454.64   747672.26 4648965.74 454.64   747595.54 4648929.81 450.78   747575.39 4648920.37 450.60       0.00
0.00   0.00   0.00   169.549   0.101
                                          3              C1                          747673.39 4648964.33
454.07   747673.39 4648964.33 454.07   747596.46 4648928.26 450.04   747578.48 4648919.83 449.89       0.00
0.00   0.00   0.00   170.070   0.119
                                    21    1                                          747673.41 4648968.20
454.09   747673.41 4648968.20 454.09     0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                          747674.13 4648966.61
454.68   747674.13 4648966.61 454.68     0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                          747674.63 4648964.93
454.11   747674.63 4648964.93 454.11     0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888001-0030   2     1 Circuit 1    A1      Susp Clamp.#8.stk   Circ1 747518.07 4648895.50
451.55   747518.07 4648895.50 451.55   747409.06 4648844.74 443.23   747384.22 4648833.18 442.94        0.00
0.00   0.00   0.00   240.910   0.362
                                         2              B1                                  747518.83 4648893.87
451.98   747518.83 4648893.87 451.98   747409.81 4648843.12 444.07   747383.24 4648830.75 443.75        0.00
0.00   0.00   0.00   240.883   0.314
                                         3              C1                                  747519.53 4648892.19
451.50   747519.53 4648892.19 451.50   747410.54 4648841.45 443.19   747385.95 4648830.00 442.90        0.00
0.00   0.00   0.00   240.863   0.364

          ARA-APY-L00888001-0029   2     1 Circuit 1    A1      Susp Clamp.#9.stk   Circ1 747300.05 4648793.99
446.34   747300.05 4648793.99 446.34   747211.77 4648752.75 440.79   747188.27 4648741.77 440.53        0.00
0.00   0.00   0.00   195.105   0.180
                                         2              B1                                  747300.79 4648792.36
446.79   747300.79 4648792.36 446.79   747212.49 4648751.10 441.51   747186.94 4648739.16 441.23        0.00
0.00   0.00   0.00   195.117   0.153
                                         3              C1                                  747301.55 4648790.71
446.33   747301.55 4648790.71 446.33   747213.26 4648749.46 440.77   747189.61 4648738.41 440.51        0.00
0.00   0.00   0.00   195.124   0.179

          ARA-APY-L00888001-0028   2     1 Circuit 1    A1     Susp Clamp.#10.stk   Circ1 747123.48 4648711.50
442.48   747123.48 4648711.50 442.48   747016.24 4648661.63 435.84   747005.42 4648656.60 435.79        0.00
0.00   0.00   0.00   236.908   0.344
                                         2              B1                                  747124.19 4648709.84
442.92   747124.19 4648709.84 442.92   747017.00 4648659.88 436.51   747003.18 4648653.44 436.42        0.00
0.00   0.00   0.00   236.841   0.293
                                         3              C1                                  747124.96 4648708.21
442.45   747124.96 4648708.21 442.45   747017.81 4648658.16 435.90   747007.24 4648653.22 435.85        0.00
0.00   0.00   0.00   236.890   0.338

          ARA-APY-L00888001-0027   2     1 Circuit 1    A1     Susp Clamp.#11.stk   Circ1 746908.99 4648611.75
440.25   746908.99 4648611.75 440.25   746810.00 4648565.58 433.93   746793.95 4648558.09 433.80        0.00
0.00   0.00   0.00   218.750   0.279
                                         2              B1                                  746909.80 4648609.92
440.29   746909.80 4648609.92 440.29   746810.79 4648563.83 434.58   746795.47 4648556.70 434.48        0.00
0.00   0.00   0.00   218.678   0.232
                                         3              C1                                  746910.65 4648608.10
440.29   746910.65 4648608.10 440.29   746811.63 4648562.12 433.98   746795.16 4648554.47 433.85        0.00
0.00   0.00   0.00   218.655   0.274

          ARA-APY-L00888001-0026   2     1 Circuit 1    A1     Susp Clamp.#12.stk   Circ1 746711.02 4648519.41
437.15   746711.02 4648519.41 437.15   746620.56 4648477.11 430.24   746586.38 4648461.13 429.68        0.00
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0.00   0.00   0.00   200.005   0.207
                                          2              B1                                    746711.77 4648517.74
437.59   746711.77 4648517.74 437.59   746621.37 4648475.38 431.06   746584.18 4648457.96 430.45        0.00
0.00   0.00   0.00   199.928   0.172
                                          3              C1                                    746712.60 4648516.13
437.14   746712.60 4648516.13 437.14   746622.17 4648473.65 430.22   746587.95 4648457.57 429.66        0.00
0.00   0.00   0.00   200.125   0.207

          ARA-APY-L00888001-0025   2    1 Circuit 1    A1     Susp Clamp.#13.stk   Circ1 746530.11 4648434.81
431.20   746530.11 4648434.81 431.20   746422.42 4648384.52 425.58   746422.71 4648384.65 425.58        0.00
0.00   0.00   0.00   238.066   0.358
                                          2              B1                                    746530.97 4648433.03
431.69   746530.97 4648433.03 431.69   746423.18 4648382.79 426.55   746423.18 4648382.79 426.55        0.00
0.00   0.00   0.00   238.135   0.296
                                          3              C1                                    746531.74 4648431.17
431.18   746531.74 4648431.17 431.18   746423.94 4648381.02 425.63   746424.42 4648381.24 425.63        0.00
0.00   0.00   0.00   238.132   0.352

          ARA-APY-L00888001-0024   2    1 Circuit 1    A1     Susp Clamp.#14.stk   Circ1 746314.73 4648334.23
431.26   746314.73 4648334.23 431.26   746206.76 4648283.84 424.48   746195.63 4648278.65 424.42        0.00
0.00   0.00   0.00   238.657   0.354
                                          2              B1                                    746315.40 4648332.54
431.69   746315.40 4648332.54 431.69   746207.52 4648282.09 425.48   746195.85 4648276.63 425.42        0.00
0.00   0.00   0.00   238.493   0.292
                                          3              C1                                    746316.14 4648330.87
431.28   746316.14 4648330.87 431.28   746208.26 4648280.33 424.59   746197.14 4648275.11 424.53        0.00
0.00   0.00   0.00   238.626   0.345

          ARA-APY-L00888001-0023   2    1 Circuit 1    A1     Susp Clamp.#15.stk   Circ1 746098.80 4648233.45
428.94   746098.80 4648233.45 428.94   745999.72 4648187.01 421.99   745976.65 4648176.20 421.73        0.00
0.00   0.00   0.00   219.157   0.274
                                          2              B1                                    746099.64 4648231.63
429.48   746099.64 4648231.63 429.48   746000.51 4648185.31 423.02   745975.42 4648173.59 422.75        0.00
0.00   0.00   0.00   219.112   0.224
                                          3              C1                                    746100.38 4648229.78
428.99   746100.38 4648229.78 428.99   746001.08 4648183.51 422.08   745977.52 4648172.53 421.81        0.00
0.00   0.00   0.00   219.415   0.267

          ARA-APY-L00888001-0022   2    1 Circuit 1    A1  Deadend Clamp.#16.stk   Circ1 745898.90 4648139.71
424.54   745898.90 4648139.71 424.54   745848.45 4648113.76 422.80   745841.17 4648110.01 422.77        0.00
0.00   0.00   0.00   113.498   0.043
                                          2              B1                                    745899.43 4648138.06
425.14   745899.43 4648138.06 425.14   745848.98 4648112.10 423.57   745841.18 4648108.09 423.54        0.00
0.00   0.00   0.00   113.516   0.034
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3 C1 745900.49 4648136.60
424.54 745900.49 4648136.60 424.54 745850.02 4648110.64 422.89 745842.08 4648106.55 422.86 0.00
0.00 0.00 0.00 113.545 0.037
21 1 745900.65 4648140.57
424.52 745900.65 4648140.57 424.52 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 745901.37 4648138.98
425.14 745901.37 4648138.98 425.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 745901.78 4648137.24
424.54 745901.78 4648137.24 424.54 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888001-0021 2 1 Circuit 1 A1 Deadend Clamp.#17.stk Circ1 745796.27 4648086.92
423.78 745796.27 4648086.92 423.78 745723.78 4648049.56 420.71 745715.86 4648045.48 420.68 0.00
0.00 0.00 0.00 163.210 0.104
2 B1 745796.73 4648085.20
424.36 745796.73 4648085.20 424.36 745724.78 4648048.19 421.19 745717.06 4648044.22 421.16 0.00
0.00 0.00 0.00 161.920 0.112
3 C1 745797.81 4648083.77
423.79 745797.81 4648083.77 423.79 745725.76 4648046.69 420.76 745717.34 4648042.36 420.72 0.00
0.00 0.00 0.00 162.156 0.099
21 1 745798.01 4648087.82
423.76 745798.01 4648087.82 423.76 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 745798.53 4648086.14
424.40 745798.53 4648086.14 424.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 745799.56 4648084.68
423.75 745799.56 4648084.68 423.75 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888001-0020 2 1 Circuit 1 A1 Deadend Clamp.#18.stk Circ1 745649.66 4648011.47
422.75 745649.66 4648011.47 422.75 745592.23 4647993.32 421.52 745597.38 4647994.95 421.50 0.00
0.00 0.00 0.00 120.516 0.050
2 B1 745650.01 4648009.77
423.26 745650.01 4648009.77 423.26 745592.81 4647991.56 421.61 745592.89 4647991.58 421.61 0.00
0.00 0.00 0.00 120.126 0.061
3 C1 745650.62 4648008.34
422.64 745650.62 4648008.34 422.64 745593.42 4647989.88 421.48 745599.52 4647991.85 421.46 0.00
0.00 0.00 0.00 120.263 0.048
3 1 A1 745650.50 4648008.63
421.53 745650.50 4648008.63 421.53 745687.24 4647961.56 420.76 745677.66 4647973.83 420.64 0.00
0.00 0.00 0.00 119.478 0.059

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                                        2              B1                                    745651.81 4648009.74
421.54   745651.81 4648009.74 421.54   745688.53 4647962.74 420.70   745679.37 4647974.47 420.60        0.00
0.00   0.00   0.00   119.368   0.063
                                        3              C1                                    745653.39 4648010.56
421.49   745653.39 4648010.56 421.49   745690.07 4647963.60 420.70   745680.54 4647975.80 420.58        0.00
0.00   0.00   0.00   119.247   0.061
                                       21    1                                              745651.28 4648012.21
422.68   745651.28 4648012.21 422.68      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                            2                                              745652.84 4648011.19
423.24   745652.84 4648011.19 423.24      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                            3                                              745653.72 4648009.61
422.64   745653.72 4648009.61 422.64      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

         ARA-APY-L00888001-0019   2    1 Circuit 1    A1  Deadend Clamp.#19.stk   Circ1 745533.05 4647974.44
423.28   745533.05 4647974.44 423.28   745458.59 4647934.45 420.62   745456.52 4647933.34 420.62        0.00
0.00   0.00   0.00   169.147   0.100
                                        2              B1                                    745533.78 4647972.58
423.28   745533.78 4647972.58 423.28   745459.37 4647932.72 420.88   745460.28 4647933.20 420.88        0.00
0.00   0.00   0.00   168.912   0.096
                                        3              C1                                    745534.49 4647970.72
423.23   745534.49 4647970.72 423.23   745460.18 4647931.00 420.67   745457.94 4647929.80 420.67        0.00
0.00   0.00   0.00   168.609   0.092
                                       21    1                                              745534.80 4647975.17
423.29   745534.80 4647975.17 423.29      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                            2                                              745535.60 4647973.34
423.27   745535.60 4647973.34 423.27      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                            3                                              745536.22 4647971.43
423.27   745536.22 4647971.43 423.27      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

         ARA-APY-L00888001-0018   2    1 Circuit 1    A1     Susp Clamp.#20.stk   Circ1 745384.12 4647894.47
423.00   745384.12 4647894.47 423.00   745285.91 4647842.16 419.37   745296.09 4647847.58 419.32        0.00
0.00   0.00   0.00   222.793   0.252
                                        2              B1                                    745384.97 4647892.86
423.40   745384.97 4647892.86 423.40   745286.84 4647840.47 419.72   745295.32 4647845.00 419.69        0.00
0.00   0.00   0.00   222.725   0.238
                                        3              C1                                    745385.87 4647891.28
422.94   745385.87 4647891.28 422.94   745287.78 4647838.81 419.47   745298.75 4647844.68 419.42        0.00
0.00   0.00   0.00   222.729   0.239
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          ARA-APY-L00888001-0017   2     1 Circuit 1    A1     Susp Clamp.#21.stk   Circ1 745187.71 4647789.85
424.90   745187.71 4647789.85 424.90   745086.08 4647735.23 420.01   745086.08 4647735.23 420.01        0.00
0.00   0.00   0.00   231.024   0.277
                                         2              B1                                  745188.70 4647788.08
424.94   745188.70 4647788.08 424.94   745087.09 4647733.62 420.44   745089.86 4647735.11 420.43        0.00
0.00   0.00   0.00   230.834   0.263
                                         3              C1                                  745189.68 4647786.35
424.94   745189.68 4647786.35 424.94   745087.80 4647731.90 420.16   745087.48 4647731.73 420.16        0.00
0.00   0.00   0.00   231.306   0.261

          ARA-APY-L00888001-0016   2     1 Circuit 1    A1  Deadend Clamp.#22.stk   Circ1 744982.88 4647679.73
424.92   744982.88 4647679.73 424.92   744879.69 4647619.35 425.25   744934.60 4647651.48 423.82        0.00
0.00   0.00   0.00   239.639   0.284
                                         2              B1                                  744983.68 4647678.21
425.51   744983.68 4647678.21 425.51   744880.64 4647617.50 425.94   744936.53 4647650.43 424.44        0.00
0.00   0.00   0.00   239.732   0.289
                                         3              C1                                  744984.60 4647676.69
424.92   744984.60 4647676.69 424.92   744881.72 4647615.65 424.91   744933.01 4647646.08 423.57        0.00
0.00   0.00   0.00   239.813   0.321
                                         1              A1                                  744984.21 4647676.09
423.00   744984.21 4647676.09 423.00   744990.73 4647600.39 420.92   744989.78 4647611.46 420.86        0.00
0.00   0.00   0.00   152.124   0.152
                                         2              B1                                  744985.29 4647676.65
423.05   744985.29 4647676.65 423.05   744992.27 4647600.67 420.70   744991.35 4647610.67 420.64        0.00
0.00   0.00   0.00   152.773   0.178
                                         3              C1                                  744986.37 4647677.09
423.05   744986.37 4647677.09 423.05   744993.81 4647600.87 420.63   744992.84 4647610.76 420.57        0.00
0.00   0.00   0.00   153.367   0.186
                                         1                                                  744984.46 4647680.61
424.90   744984.46 4647680.61 424.90      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                                  744985.48 4647679.16
425.46   744985.48 4647679.16 425.46      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                                  744985.91 4647677.46
424.88   744985.91 4647677.46 424.88      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888001-0015   2     1 Circuit 1    A1     Susp Clamp.#23.stk   Circ1 744776.50 4647558.96
435.67   744776.50 4647558.96 435.67   744639.18 4647478.00 429.46   744662.64 4647491.83 429.18        0.00
0.00   0.00   0.00   319.640   0.746
                                         2              B1                                  744777.60 4647556.79
436.57   744777.60 4647556.79 436.57   744640.35 4647475.82 430.38   744663.86 4647489.70 430.10        0.00
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0.00   0.00   0.00   319.519   0.744
                                        3              C1                                  744778.84 4647554.60
435.64   744778.84 4647554.60 435.64   744641.54 4647473.64 429.12   744664.29 4647487.05 428.85        0.00
0.00   0.00   0.00   319.640   0.795

          ARA-APY-L00888001-0014   2    1 Circuit 1    A1     Susp Clamp.#24.stk   Circ1 744501.86 4647397.04
442.13   744501.86 4647397.04 442.13   744441.87 4647361.71 435.74   744381.88 4647326.38 432.75        0.00
0.00   0.00   0.00   139.603   0.055
                                        2              B1                                  744503.09 4647394.86
443.04   744503.09 4647394.86 443.04   744443.23 4647359.61 436.71   744383.36 4647324.36 433.71        0.00
0.00   0.00   0.00   139.308   0.053
                                        3              C1                                  744504.25 4647392.68
442.11   744504.25 4647392.68 442.11   744444.35 4647357.40 435.74   744384.45 4647322.12 432.77        0.00
0.00   0.00   0.00   139.401   0.055

          ARA-APY-L00888001-0013   2    1 Circuit 1    A1  Deadend Clamp.#25.stk   Circ1 744378.94 4647324.66
432.66   744378.94 4647324.66 432.66   744267.97 4647258.87 432.15   744318.92 4647289.08 430.83        0.00
0.00   0.00   0.00   258.674   0.403
                                        2              B1                                  744380.34 4647322.57
433.62   744380.34 4647322.57 433.62   744269.16 4647257.04 432.73   744316.94 4647285.20 431.55        0.00
0.00   0.00   0.00   258.777   0.419
                                        3              C1                                  744381.64 4647320.47
432.70   744381.64 4647320.47 432.70   744270.30 4647255.23 431.99   744319.82 4647284.25 430.72        0.00
0.00   0.00   0.00   258.767   0.427
                                       21   1                                             744381.88 4647326.38
432.75   744381.88 4647326.38 432.75      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                 744383.36 4647324.37
433.71   744383.36 4647324.37 433.71      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                 744384.45 4647322.12
432.77   744384.45 4647322.12 432.77      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888001-0012   2    1 Circuit 1    A1     Susp Clamp.#26.stk   Circ1 744157.00 4647193.07
444.14   744157.00 4647193.07 444.14   744079.60 4647147.47 440.81   744073.33 4647143.78 440.79        0.00
0.00   0.00   0.00   179.789   0.122
                                        2              B1                                  744157.97 4647191.50
444.58   744157.97 4647191.50 444.58   744080.58 4647145.92 441.12   744074.50 4647142.34 441.10        0.00
0.00   0.00   0.00   179.768   0.133
                                        3              C1                                  744158.97 4647189.98
444.15   744158.97 4647189.98 444.15   744081.50 4647144.36 440.72   744075.42 4647140.78 440.70        0.00
0.00   0.00   0.00   179.944   0.130
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          ARA-APY-L00888001-0011   2     1 Circuit 1    A1     Susp Clamp.#27.stk   Circ1 744002.20 4647101.87
443.21   744002.20 4647101.87 443.21   743923.53 4647055.39 441.26   743936.84 4647063.25 441.17        0.00
0.00   0.00   0.00   182.905   0.128
                                        2              B1                                 744003.19 4647100.34
443.64   744003.19 4647100.34 443.64   743924.49 4647053.84 441.52   743937.05 4647061.26 441.44        0.00
0.00   0.00   0.00   182.970   0.142
                                        3              C1                                 744004.03 4647098.74
443.22   744004.03 4647098.74 443.22   743925.35 4647052.24 441.14   743937.96 4647059.70 441.07        0.00
0.00   0.00   0.00   182.935   0.136

          ARA-APY-L00888001-0010   2     1 Circuit 1    A1     Susp Clamp.#28.stk   Circ1 743844.85 4647008.90
445.21   743844.85 4647008.90 445.21   743745.43 4646950.44 432.09   743662.13 4646901.45 428.65        0.00
0.00   0.00   0.00   231.541   0.277
                                        2              B1                                 743845.79 4647007.34
445.63   743845.79 4647007.34 445.63   743746.39 4646948.89 432.16   743668.98 4646903.37 428.97        0.00
0.00   0.00   0.00   231.534   0.319
                                        3              C1                                 743846.66 4647005.75
445.18   743846.66 4647005.75 445.18   743747.23 4646947.28 431.87   743667.57 4646900.45 428.60        0.00
0.00   0.00   0.00   231.576   0.301

          ARA-APY-L00888001-0009   2     1 Circuit 1    A1     Susp Clamp.#29.stk   Circ1 743646.00 4646891.97
428.78   743646.00 4646891.97 428.78   743550.60 4646835.66 420.56   743511.68 4646812.69 419.80        0.00
0.00   0.00   0.00   221.927   0.247
                                        2              B1                                 743646.99 4646890.43
429.23   743646.99 4646890.43 429.23   743551.77 4646833.55 420.88   743520.55 4646814.90 420.33        0.00
0.00   0.00   0.00   222.229   0.306
                                        3              C1                                 743647.80 4646888.82
428.80   743647.80 4646888.82 428.80   743552.19 4646832.61 419.66   743510.14 4646807.88 418.72        0.00
0.00   0.00   0.00   222.266   0.284

          ARA-APY-L00888001-0008   2     1 Circuit 1    A1   Deadend Clamp.#30.stk   Circ1 743453.32 4646778.22
421.28   743453.32 4646778.22 421.28   743411.99 4646753.19 415.75   743372.34 4646729.18 414.01        0.00
0.00   0.00   0.00    96.991   0.098
                                        2              B1                                 743455.10 4646775.80
422.51   743455.10 4646775.80 422.51   743413.54 4646751.17 416.75   743371.98 4646726.54 414.07        0.00
0.00   0.00   0.00    97.051   0.065
                                        3              C1                                 743455.21 4646775.55
420.15   743455.21 4646775.55 420.15   743413.93 4646750.07 415.75   743372.65 4646724.59 414.04        0.00
0.00   0.00   0.00    97.262   0.050
                                   21   1                                                 743455.20 4646779.36
421.39   743455.20 4646779.36 421.39      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                 743456.55 4646776.67
422.61   743456.55 4646776.67 422.61      0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00 0.00 0.00 0.000 0.000
3 743456.58 4646776.39
420.24 743456.58 4646776.39 420.24 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888001-0007 2 1 Circuit 1 A1 Deadend Clamp.#31.stk Circ1 743367.41 4646726.45
413.71 743367.41 4646726.45 413.71 743338.49 4646713.44 409.09 743309.56 4646700.42 406.92 0.00
0.00 0.00 0.00 63.869 0.062
2 B1 743368.56 4646724.79
413.73 743368.56 4646724.79 413.73 743339.22 4646712.70 409.98 743309.89 4646700.61 408.13 0.00
0.00 0.00 0.00 63.743 0.037
3 C1 743369.70 4646723.13
413.88 743369.70 4646723.13 413.88 743339.72 4646711.80 411.03 743309.75 4646700.46 409.29 0.00
0.00 0.00 0.00 64.276 0.013
21 1 743370.67 4646728.17
414.01 743370.67 4646728.17 414.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 743371.98 4646726.54
414.07 743371.98 4646726.54 414.07 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 743372.65 4646724.59
414.04 743372.65 4646724.59 414.04 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888001-0006D 2 1 Circuit 1 A1 Deadend Clamp.#32.stk Circ1 743306.05 4646699.25
406.97 743306.05 4646699.25 406.97 743282.05 4646737.21 410.58 743306.05 4646699.25 406.97 0.00
0.00 0.00 0.00 90.287 0.023
2 B1 743305.69 4646699.35
408.19 743305.69 4646699.35 408.19 743281.81 4646737.12 411.88 743305.69 4646699.34 408.19 0.00
0.00 0.00 0.00 89.849 0.018
3 C1 743306.06 4646699.25
409.36 743306.06 4646699.25 409.36 743282.05 4646737.20 412.84 743306.06 4646699.25 409.36 0.00
0.00 0.00 0.00 90.292 0.029
4 1 A1 743305.61 4646697.53
406.89 743305.61 4646697.53 406.89 743282.66 4646672.78 407.65 743305.61 4646697.53 406.89 0.00
0.00 0.00 0.00 67.592 0.019
2 B1 743305.50 4646697.44
409.21 743305.50 4646697.44 409.21 743282.08 4646673.33 408.95 743290.18 4646681.67 408.85 0.00
0.00 0.00 0.00 67.256 0.029
3 C1 743305.14 4646697.20
408.07 743305.14 4646697.20 408.07 743281.32 4646673.64 408.23 743295.87 4646688.04 407.96 0.00
0.00 0.00 0.00 67.054 0.020
21 1 A1 743307.29 4646697.59
406.96 743307.29 4646697.59 406.96 743329.92 4646670.84 409.90 743307.29 4646697.59 406.96 0.00

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0.00   0.00   0.00    70.495   0.023
                                        2              B1                                  743307.14 4646697.34
408.15   743307.14 4646697.34 408.15   743329.20 4646670.15 410.59   743307.14 4646697.34 408.15        0.00
0.00   0.00   0.00    70.338   0.021
                                        3              C1                                  743307.05 4646697.81
409.33   743307.05 4646697.81 409.33   743328.48 4646669.79 411.33   743307.05 4646697.81 409.33        0.00
0.00   0.00   0.00    70.766   0.015
                                       25    1 Circuit 2    A2                             743308.70 4646700.81
406.92   743308.70 4646700.81 406.92   743284.71 4646738.77 409.74   743308.70 4646700.81 406.92        0.00
0.00   0.00   0.00    90.336   0.082
                                        2              B2                                  743308.91 4646700.94
408.07   743308.91 4646700.94 408.07   743284.92 4646738.90 410.74   743308.91 4646700.94 408.07        0.00
0.00   0.00   0.00    90.351   0.101
                                        3              C2                                  743308.56 4646701.06
409.32   743308.56 4646701.06 409.32   743284.63 4646738.89 411.96   743308.57 4646701.06 409.32        0.00
0.00   0.00   0.00    90.073   0.100
                                       26    1                                            743309.56 4646700.42
406.92   743309.56 4646700.42 406.92      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                 743309.89 4646700.61
408.13   743309.89 4646700.61 408.13      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                 743309.75 4646700.46
409.29   743309.75 4646700.46 409.29      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000

         ARA-APY-L00888002-0002   2     1                  Deadend Clamp.#33.stk   Circ1 743259.71 4646648.02
409.79   743259.71 4646648.02 409.79      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                 743258.67 4646649.22
410.39   743258.67 4646649.22 410.39      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                 743257.50 4646650.08
409.79   743257.50 4646650.08 409.79      0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                       21    1 Circuit 1    A1                             743258.62 4646646.62
409.76   743258.62 4646646.62 409.76   743219.19 4646583.44 402.77   743196.04 4646546.35 401.66        0.00
0.00   0.00   0.00   149.332   0.185
                                        2              B1                                  743257.08 4646647.16
410.32   743257.08 4646647.16 410.32   743217.66 4646583.95 403.38   743194.73 4646547.17 402.29        0.00
0.00   0.00   0.00   149.360   0.184
                                        3              C1                                  743256.11 4646648.44
409.78   743256.11 4646648.44 409.78   743216.41 4646584.83 402.90   743192.15 4646545.98 401.74        0.00
0.00   0.00   0.00   150.321   0.170
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  ARA-APY-L00888002-0002_NUEVO_1   2     1                  Deadend Clamp.#34.stk   Circ1 743179.75 4646520.26
402.21   743179.75 4646520.26 402.21        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           2                                             743178.25 4646520.74
402.85   743178.25 4646520.74 402.85        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           3                                             743176.70 4646521.23
402.21   743176.70 4646521.23 402.21        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000

  ARA-APY-L00887002-0009_NUEVO_1   2     1 Circuit 1    A1  Deadend Clamp.#35.stk   Circ1 742436.51 4646362.89
384.57   742436.51 4646362.89 384.57   742442.97 4646368.45 386.41   742436.51 4646362.89 384.57        0.00
0.00   0.00   0.00     17.472   0.000
                                           2              B1                             742435.76 4646364.85
385.23   742435.76 4646364.85 385.23   742442.06 4646370.26 387.09   742435.76 4646364.85 385.23        0.00
0.00   0.00   0.00     17.050   0.000
                                           3              C1                             742433.98 4646365.95
384.41   742433.98 4646365.95 384.41   742440.80 4646371.75 386.31   742433.98 4646365.95 384.41        0.00
0.00   0.00   0.00     18.332   0.001

          ARA-APY-L00887002-0009   2     1                  Deadend Clamp.#36.stk   Circ1 742449.44 4646374.02
388.36   742449.44 4646374.02 388.36        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           2                                             742448.36 4646375.68
389.04   742448.36 4646375.68 389.04        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           3                                             742447.61 4646377.55
388.35   742447.61 4646377.55 388.35        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000

          ARA-APY-L00888010-001B   2     1                  Deadend Clamp.#37.stk   Circ1 748008.36 4649233.60
461.76   748008.36 4649233.60 461.76        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           2                                             748006.91 4649232.72
462.36   748006.91 4649232.72 462.36        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                           3                                             748005.16 4649232.22
461.74   748005.16 4649232.22 461.74        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                    21     1 Circuit 1    A1                             748007.48 4649234.51
461.85   748007.48 4649234.51 461.85   747968.13 4649343.04 458.61   747978.86 4649313.45 458.08        0.00
0.00   0.00   0.00    231.603   0.587
                                           2              B1                             748005.80 4649234.00
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462.48   748005.80 4649234.00 462.48   747966.21 4649342.13 459.60   747977.74 4649310.65 459.02        0.00
0.00   0.00   0.00   230.996   0.550
                                        3              C1                                  748004.06 4649233.36
461.86   748004.06 4649233.36 461.86   747964.16 4649341.38 458.60   747975.04 4649311.93 458.07        0.00
0.00   0.00   0.00   231.022   0.595

          ARA-APY-L00888010-0001   2     1                  Deadend Clamp.#38.stk   Circ1 747928.77 4649451.57
469.64   747928.77 4649451.57 469.64       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                              747926.61 4649450.26
470.52   747926.61 4649450.26 470.52       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                              747924.27 4649449.39
469.69   747924.27 4649449.39 469.69       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       21     1 Circuit 1    A1                          747927.92 4649453.22
469.69   747927.92 4649453.22 469.69   747868.69 4649533.53 464.55   747871.10 4649530.26 464.54        0.00
0.00   0.00   0.00   199.992   0.418
                                        2              B1                                  747925.64 4649452.14
470.61   747925.64 4649452.14 470.61   747866.77 4649532.35 465.81   747866.68 4649532.48 465.81        0.00
0.00   0.00   0.00   199.298   0.307
                                        3              C1                                  747923.42 4649450.95
469.70   747923.42 4649450.95 469.70   747864.86 4649531.15 464.69   747867.25 4649527.89 464.67        0.00
0.00   0.00   0.00   199.002   0.400

          ARA-APY-L00888010-0002   2     1 Circuit 1    A1     Susp Clamp.#39.stk   Circ1 747809.46 4649613.83
470.60   747809.46 4649613.83 470.60   747776.60 4649658.61 469.88   747785.39 4649646.63 469.77        0.00
0.00   0.00   0.00   111.154   0.057
                                        2              B1                                  747807.90 4649612.56
470.58   747807.90 4649612.56 470.58   747774.96 4649657.55 470.11   747785.60 4649643.01 469.97        0.00
0.00   0.00   0.00   111.564   0.042
                                        3              C1                                  747806.31 4649611.35
470.59   747806.31 4649611.35 470.59   747773.25 4649656.57 469.90   747782.39 4649644.07 469.78        0.00
0.00   0.00   0.00   112.093   0.057

          ARA-APY-L00888010-0003   2     1                  Deadend Clamp.#40.stk   Circ1 747743.73 4649703.39
472.25   747743.73 4649703.39 472.25       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                              747742.02 4649702.53
472.29   747742.02 4649702.53 472.29       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                              747740.19 4649701.78
472.30   747740.19 4649701.78 472.30       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
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                                  21     1 Circuit 1    A1                                    747743.27 4649705.29
472.24   747743.27 4649705.29 472.24   747750.69 4649790.08 469.11   747750.09 4649783.17 469.08        0.00
0.00   0.00   0.00   170.440   0.220
                                         2              B1                                    747741.38 4649704.74
472.27   747741.38 4649704.74 472.27   747748.77 4649789.88 469.09   747748.20 4649783.33 469.06        0.00
0.00   0.00   0.00   171.142   0.221
                                         3              C1                                    747739.51 4649704.22
472.28   747739.51 4649704.22 472.28   747746.87 4649790.03 468.92   747746.31 4649783.44 468.90        0.00
0.00   0.00   0.00   172.490   0.244

          ARA-APY-L00888010-0005   2     1                   Deadend Clamp.#41.stk   Circ1 747758.11 4649874.86
473.46   747758.11 4649874.86 473.46       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                               747756.16 4649875.02
473.43   747756.16 4649875.02 473.43       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                               747754.23 4649875.83
473.50   747754.23 4649875.83 473.50       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21     1 Circuit 1    A1                                    747758.70 4649877.03
473.48   747758.70 4649877.03 473.48   747788.73 4649945.33 472.00   747782.24 4649930.57 471.88        0.00
0.00   0.00   0.00   149.349   0.121
                                         2              B1                                    747756.82 4649877.65
473.49   747756.82 4649877.65 473.49   747786.98 4649946.01 472.49   747778.43 4649926.61 472.31        0.00
0.00   0.00   0.00   149.553   0.095
                                         3              C1                                    747754.94 4649878.26
473.50   747754.94 4649878.26 473.50   747785.27 4649946.68 471.98   747778.87 4649932.24 471.86        0.00
0.00   0.00   0.00   149.821   0.123

          ARA-APY-L00888010-0006   2     1 Circuit 1    A1     Susp Clamp.#42.stk   Circ1 747818.76 4650013.62
475.73   747818.76 4650013.62 475.73   747847.78 4650079.14 470.36   747866.24 4650120.81 469.41        0.00
0.00   0.00   0.00   143.547   0.104
                                         2              B1                                    747817.15 4650014.36
476.11   747817.15 4650014.36 476.11   747846.08 4650079.95 470.81   747868.00 4650129.64 469.61        0.00
0.00   0.00   0.00   143.588   0.082
                                         3              C1                                    747815.60 4650015.10
475.72   747815.60 4650015.10 475.72   747844.43 4650080.80 470.35   747862.46 4650121.89 469.42        0.00
0.00   0.00   0.00   143.720   0.106

          ARA-APY-L00888010-0007   2     1                   Deadend Clamp.#43.stk   Circ1 747876.80 4650144.66
469.72   747876.80 4650144.66 469.72       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                               747875.01 4650145.53
469.73   747875.01 4650145.53 469.73       0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000
                                      3                                              747873.26 4650146.50
469.75   747873.26 4650146.50 469.75     0.00       0.00   0.00         0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                               21     1 Circuit 1    A1                              747877.88 4650147.87
469.39   747877.88 4650147.87 469.39   747899.41 4650232.26 452.52   747920.93 4650316.65 442.18       0.00
0.00   0.00   0.00   176.449   0.158
                                      2              B1                              747875.85 4650148.02
469.49   747875.85 4650148.02 469.49   747897.42 4650232.54 452.40   747918.99 4650317.06 442.17       0.00
0.00   0.00   0.00   176.755   0.173
                                      3              C1                              747873.89 4650148.37
469.56   747873.89 4650148.37 469.56   747895.43 4650232.82 452.60   747916.97 4650317.26 442.19       0.00
0.00   0.00   0.00   176.595   0.158

         ARA-APY-L00888010-0008   2     1                  Deadend Clamp.#44.stk   Circ1 747920.93 4650316.64
442.18   747920.93 4650316.64 442.18     0.00       0.00   0.00         0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      2                                              747918.98 4650317.06
442.17   747918.98 4650317.06 442.17     0.00       0.00   0.00         0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      3                                              747916.97 4650317.26
442.19   747916.97 4650317.26 442.19     0.00       0.00   0.00         0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                               21     1 Circuit 1    A1                              747921.39 4650318.42
442.06   747921.39 4650318.42 442.06   747941.07 4650395.60 434.99   747954.94 4650450.01 433.53       0.00
0.00   0.00   0.00   159.667   0.144
                                      2              B1                              747919.47 4650318.87
442.06   747919.47 4650318.87 442.06   747939.15 4650396.12 435.29   747952.55 4650448.68 433.97       0.00
0.00   0.00   0.00   159.765   0.137
                                      3              C1                              747917.46 4650319.19
442.10   747917.46 4650319.19 442.10   747937.18 4650396.49 435.02   747951.25 4650451.68 433.53       0.00
0.00   0.00   0.00   159.915   0.142

         ARA-APY-L00888010-0009   2     1 Circuit 1    A1     Susp Clamp.#45.stk   Circ1 747960.75 4650472.79
433.79   747960.75 4650472.79 433.79   747979.66 4650547.78 428.74   747987.59 4650579.28 428.26       0.00
0.00   0.00   0.00   154.885   0.130
                                      2              B1                              747958.84 4650473.37
434.26   747958.84 4650473.37 434.26   747977.89 4650548.31 429.24   747986.32 4650581.48 428.71       0.00
0.00   0.00   0.00   154.842   0.122
                                      3              C1                              747956.89 4650473.80
433.77   747956.89 4650473.80 433.77   747976.06 4650548.70 428.78   747984.28 4650580.82 428.28       0.00
0.00   0.00   0.00   154.822   0.124

         ARA-APY-L00888010-0010   2     1 Circuit 1    A1     Susp Clamp.#46.stk   Circ1 747998.56 4650622.78
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429.18   747998.56 4650622.78 429.18   748010.76 4650670.42 426.38   748021.41 4650711.96 425.60        0.00
0.00   0.00   0.00    98.444   0.028
                                    2              B1                                  747996.93 4650623.25
429.54   747996.93 4650623.25 429.54   748009.10 4650670.87 426.88   748019.22 4650710.53 426.19        0.00
0.00   0.00   0.00    98.393   0.027
                                    3              C1                                  747995.23 4650623.60
429.16   747995.23 4650623.60 429.16   748007.37 4650671.30 426.38   748018.14 4650713.59 425.60        0.00
0.00   0.00   0.00    98.540   0.027

          ARA-APY-L00888010-0011   2     1                  Deadend Clamp.#47.stk   Circ1 748022.97 4650718.05
425.62   748022.97 4650718.05 425.62       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    2                                                  748021.26 4650718.50
426.22   748021.26 4650718.50 426.22       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    3                                                  748019.52 4650719.00
425.61   748019.52 4650719.00 425.61       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                   21     1 Circuit 1    A1                           748023.49 4650720.03
425.52   748023.49 4650720.03 425.52   748041.77 4650792.31 419.90   748055.35 4650846.04 418.65        0.00
0.00   0.00   0.00   149.352   0.091
                                    2              B1                                  748021.87 4650720.82
426.12   748021.87 4650720.82 426.12   748040.08 4650792.98 420.57   748054.12 4650848.60 419.28        0.00
0.00   0.00   0.00   149.080   0.085
                                    3              C1                                  748020.05 4650721.07
425.52   748020.05 4650721.07 425.52   748038.50 4650793.64 420.03   748053.03 4650850.83 418.70        0.00
0.00   0.00   0.00   149.991   0.081

  ARA-APY-L00888010-0011_NUEVO_1   2     1                  Deadend Clamp.#48.stk   Circ1 748060.04 4650864.59
418.80   748060.04 4650864.59 418.80       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    2                                                  748058.30 4650865.14
419.39   748058.30 4650865.14 419.39       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    3                                                  748056.94 4650866.21
418.80   748056.94 4650866.21 418.80       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    3     1 Circuit 1    A1                           748056.71 4650866.54
416.76   748056.71 4650866.54 416.76   748038.08 4650905.31 414.52   748028.05 4650926.19 414.21        0.00
0.00   0.00   0.00    86.097   0.036
                                    2              B1                                  748059.14 4650869.43
416.81   748059.14 4650869.43 416.81   748040.42 4650907.99 414.82   748028.63 4650932.31 414.47        0.00
0.00   0.00   0.00    85.778   0.024
                                    3              C1                                  748057.71 4650868.01
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416.84   748057.71 4650868.01 416.84   748039.29 4650906.43 414.56   748033.99 4650917.48 414.43        0.00
0.00   0.00   0.00    85.287   0.066
                                  21     1              A1                                  748060.79 4650865.80
418.70   748060.79 4650865.80 418.70   748095.88 4650888.99 413.67   748130.96 4650912.19 410.21        0.00
0.00   0.00   0.00    84.558   0.019
                                       2              B1                                  748059.92 4650867.38
419.25   748059.92 4650867.38 419.25   748094.84 4650890.47 414.50   748129.76 4650913.55 410.81        0.00
0.00   0.00   0.00    84.150   0.009
                                       3              C1                                  748058.27 4650868.12
418.70   748058.27 4650868.12 418.70   748093.53 4650891.58 413.86   748128.80 4650915.05 410.18        0.00
0.00   0.00   0.00    85.157   0.010

  ARA-APY-L00888010-0011_NUEVO_2   2     1                  Deadend Clamp.#49.stk   Circ1 748019.45 4650944.09
414.44   748019.45 4650944.09 414.44      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       2                                              748021.71 4650946.56
414.59   748021.71 4650946.56 414.59      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       3                                              748020.87 4650944.84
415.17   748020.87 4650944.84 415.17      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888010-0013   2     1                  Deadend Clamp.#50.stk   Circ1 748130.96 4650912.19
410.21   748130.96 4650912.19 410.21      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       2                                              748129.76 4650913.55
410.81   748129.76 4650913.55 410.81      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       3                                              748128.80 4650915.05
410.18   748128.80 4650915.05 410.18      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21     1 Circuit 1    A1                              748132.70 4650913.43
410.08   748132.70 4650913.43 410.08   748172.70 4650946.93 408.41   748181.34 4650954.16 408.35        0.00
0.00   0.00   0.00   104.393   0.035
                                       2              B1                                  748131.71 4650914.96
410.67   748131.71 4650914.96 410.67   748171.45 4650948.22 409.10   748181.01 4650956.22 409.04        0.00
0.00   0.00   0.00   103.676   0.029
                                       3              C1                                  748130.50 4650916.28
410.05   748130.50 4650916.28 410.05   748170.53 4650949.81 408.47   748179.51 4650957.32 408.41        0.00
0.00   0.00   0.00   104.466   0.031

          ARA-APY-L00888010-0014   2     1                  Deadend Clamp.#51.stk   Circ1 748212.71 4650980.43
409.07   748212.71 4650980.43 409.07      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
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                                         2                                          748211.19 4650981.48
409.65   748211.19 4650981.48 409.65       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                          748210.56 4650983.33
409.07   748210.56 4650983.33 409.07       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21     1 Circuit 1    A1                          748214.21 4650982.24
408.98   748214.21 4650982.24 408.98   748228.07 4651010.79 406.00   748241.94 4651039.35 404.41        0.00
0.00   0.00   0.00    63.666   0.020
                                         2              B1                          748213.30 4650983.82
409.58   748213.30 4650983.82 409.58   748226.88 4651011.77 406.71   748240.46 4651039.72 405.09        0.00
0.00   0.00   0.00    62.323   0.017
                                         3              C1                          748211.80 4650984.80
409.01   748211.80 4650984.80 409.01   748225.66 4651012.88 406.08   748239.51 4651040.96 404.41        0.00
0.00   0.00   0.00    62.811   0.017

         ARA-APY-L00888010-0015   2      1                  Deadend Clamp.#52.stk   Circ1 748241.94 4651039.35
404.41   748241.94 4651039.35 404.41       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                          748240.46 4651039.71
405.09   748240.46 4651039.71 405.09       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                          748239.51 4651040.96
404.41   748239.51 4651040.96 404.41       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000

        ARA-APY-L00888001-0033B   2      1                  Deadend Clamp.#53.stk   Circ1 747999.87 4649112.97
459.30   747999.87 4649112.97 459.30       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                          748000.05 4649111.23
459.86   748000.05 4649111.23 459.86       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                          748000.50 4649109.50
459.31   748000.50 4649109.50 459.31       0.00       0.00   0.00        0.00       0.00  0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21     1 Circuit 1    A1                          748002.85 4649113.47
459.14   748002.85 4649113.47 459.14   748063.14 4649123.68 460.18   748016.46 4649115.78 459.04        0.00
0.00   0.00   0.00   122.518   0.078
                                         2              B1                          748003.13 4649111.72
459.88   748003.13 4649111.72 459.88   748063.39 4649121.80 460.52   748023.34 4649115.10 459.66        0.00
0.00   0.00   0.00   122.378   0.082
                                         3              C1                          748003.20 4649109.97
459.17   748003.20 4649109.97 459.17   748063.58 4649119.93 460.05   748020.09 4649112.76 459.01        0.00
0.00   0.00   0.00   122.600   0.087
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          ARA-APY-L00888001-0034   2     1 Circuit 1    A1     Susp Clamp.#54.stk   Circ1 748123.43 4649133.88
465.01   748123.43 4649133.88 465.01   748234.62 4649152.33 459.80   748220.94 4649150.06 459.69        0.00
0.00   0.00   0.00   226.000   0.566
                                         2              B1                                 748123.64 4649131.89
465.04   748123.64 4649131.89 465.04   748234.91 4649150.47 459.73   748219.82 4649147.95 459.59        0.00
0.00   0.00   0.00   226.272   0.628
                                         3              C1                                 748123.95 4649129.88
464.94   748123.95 4649129.88 464.94   748235.55 4649148.72 459.10   748222.73 4649146.56 459.00        0.00
0.00   0.00   0.00   227.060   0.677

          ARA-APY-L00888001-0036   2     1                  Deadend Clamp.#55.stk   Circ1 748345.80 4649170.78
468.42   748345.80 4649170.78 468.42      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                             748346.17 4649169.05
469.00   748346.17 4649169.05 469.00      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                             748347.15 4649167.56
468.43   748347.15 4649167.56 468.43      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     3   1 Circuit 1    A1                             748347.74 4649171.57
467.26   748347.74 4649171.57 467.26   748357.13 4649221.78 465.67   748356.85 4649220.30 465.66        0.00
0.00   0.00   0.00   102.230   0.075
                                         2              B1                                 748346.65 4649171.38
467.23   748346.65 4649171.38 467.23   748355.94 4649221.48 465.79   748355.58 4649219.55 465.79        0.00
0.00   0.00   0.00   101.962   0.063
                                         3              C1                                 748345.60 4649171.10
467.23   748345.60 4649171.10 467.23   748354.77 4649221.08 465.83   748354.46 4649219.41 465.83        0.00
0.00   0.00   0.00   101.689   0.059
                                    21   1              A1                                 748346.97 4649171.28
468.43   748346.97 4649171.28 468.43   748411.74 4649218.94 468.12   748382.90 4649197.72 467.56        0.00
0.00   0.00   0.00   161.046   0.134
                                         2              B1                                 748347.94 4649169.81
469.09   748347.94 4649169.81 469.09   748412.92 4649217.49 468.63   748386.02 4649197.75 468.17        0.00
0.00   0.00   0.00   161.384   0.119
                                         3              C1                                 748348.34 4649168.06
468.51   748348.34 4649168.06 468.51   748413.53 4649215.66 468.38   748382.58 4649193.06 467.79        0.00
0.00   0.00   0.00   161.626   0.113

          ARA-APY-L00888011-0036   2     1                  Deadend Clamp.#56.stk   Circ1 748476.50 4649266.61
473.49   748476.50 4649266.61 473.49      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                             748477.91 4649265.16
473.54   748477.91 4649265.16 473.54      0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000
                                        3                                                  748478.71 4649263.26
473.48   748478.71 4649263.26 473.48      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     3    1 Circuit 1    A1                                748478.59 4649264.50
470.50   748478.59 4649264.50 470.50   748479.75 4649262.38 470.02   748480.91 4649260.27 469.54        0.00
0.00   0.00   0.00     4.915   0.000
                                        2             B1                                   748479.37 4649265.18
470.55   748479.37 4649265.18 470.55   748481.06 4649262.88 470.00   748482.75 4649260.58 469.46        0.00
0.00   0.00   0.00     5.815   0.000
                                        3             C1                                   748480.15 4649265.82
470.58   748480.15 4649265.82 470.58   748481.98 4649263.73 470.08   748483.82 4649261.64 469.59        0.00
0.00   0.00   0.00     5.648   0.000
                                    21    1             A1                                 748478.44 4649268.03
473.60   748478.44 4649268.03 473.60   748517.83 4649296.90 472.91   748511.57 4649292.32 472.89        0.00
0.00   0.00   0.00    97.706   0.028
                                        2             B1                                   748479.38 4649266.29
473.59   748479.38 4649266.29 473.59   748518.67 4649295.21 473.04   748508.42 4649287.67 472.96        0.00
0.00   0.00   0.00    97.624   0.037
                                        3             C1                                   748480.53 4649264.61
473.61   748480.53 4649264.61 473.61   748519.91 4649293.77 472.87   748514.22 4649289.55 472.85        0.00
0.00   0.00   0.00    98.043   0.029

          ARA-APY-L00888012-0037   2    1                Deadend Clamp.#57.stk   Circ1 748557.22 4649325.77
474.24   748557.22 4649325.77 474.24      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                  748557.97 4649324.13
474.80   748557.97 4649324.13 474.80      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                  748559.30 4649322.93
474.21   748559.30 4649322.93 474.21      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888001-0037   2    1                Deadend Clamp.#58.stk   Circ1 748366.52 4649271.98
467.46   748366.52 4649271.98 467.46      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                  748365.23 4649271.57
467.47   748365.23 4649271.57 467.47      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                  748363.94 4649271.06
467.43   748363.94 4649271.06 467.43      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21    1 Circuit 1    A1                                748366.66 4649273.73
467.58   748366.66 4649273.73 467.58   748372.17 4649304.57 469.68   748366.66 4649273.73 467.58        0.00
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0.00   0.00   0.00    62.862   0.009
                                          2              B1                                    748365.33 4649273.10
467.56   748365.33 4649273.10 467.56   748371.06 4649304.35 469.55   748365.33 4649273.10 467.56        0.00
0.00   0.00   0.00    63.772   0.014
                                          3              C1                                    748363.97 4649272.35
467.53   748363.97 4649272.35 467.53   748369.81 4649304.05 469.44   748363.97 4649272.35 467.53        0.00
0.00   0.00   0.00    64.712   0.020

          ARA-APY-L00888001-0038   2     1 Circuit 1    A1      Susp Post.#59.stk   Circ1 748377.67 4649335.40
472.68   748377.67 4649335.40 472.68   748381.48 4649355.96 473.47   748377.67 4649335.40 472.68        0.00
0.00   0.00   0.00    41.869   0.002
                                          2              B1                                    748376.79 4649335.61
472.70   748376.79 4649335.61 472.70   748380.33 4649356.19 473.52   748376.79 4649335.61 472.70        0.00
0.00   0.00   0.00    41.817   0.002
                                          3              C1                                    748375.65 4649335.76
472.76   748375.65 4649335.76 472.76   748379.20 4649356.35 473.51   748375.65 4649335.76 472.76        0.00
0.00   0.00   0.00    41.852   0.005

          ARA-APY-L00888001-0039   2     1 Circuit 1    A1      Susp Post.#60.stk   Circ1 748385.28 4649376.53
474.60   748385.28 4649376.53 474.60   748389.67 4649400.84 477.84   748385.28 4649376.53 474.60        0.00
0.00   0.00   0.00    49.900   0.003
                                          2              B1                                    748383.87 4649376.77
474.73   748383.87 4649376.77 474.73   748388.37 4649401.03 477.84   748383.87 4649376.77 474.73        0.00
0.00   0.00   0.00    49.817   0.005
                                          3              C1                                    748382.76 4649376.95
474.81   748382.76 4649376.95 474.81   748387.18 4649401.29 477.83   748382.76 4649376.95 474.81        0.00
0.00   0.00   0.00    49.961   0.007

          ARA-APY-L00888001-0040   2     1 Circuit 1    A1      Susp Post.#61.stk   Circ1 748394.05 4649425.15
481.55   748394.05 4649425.15 481.55   748397.48 4649443.64 481.87   748394.05 4649425.15 481.55        0.00
0.00   0.00   0.00    37.617   0.001
                                          2              B1                                    748392.87 4649425.28
481.57   748392.87 4649425.28 481.57   748396.36 4649443.85 481.89   748392.87 4649425.28 481.57        0.00
0.00   0.00   0.00    37.798   0.001
                                          3              C1                                    748391.61 4649425.64
481.60   748391.61 4649425.64 481.60   748395.32 4649444.04 481.86   748391.61 4649425.64 481.60        0.00
0.00   0.00   0.00    37.560   0.002

          ARA-APY-L00888001-0041   2     1                    Deadend Clamp.#62.stk   Circ1 748400.91 4649462.13
482.45   748400.91 4649462.13 482.45       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                                  748399.85 4649462.42
482.47   748399.85 4649462.42 482.47       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
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3 748399.04 4649462.45
482.46 748399.04 4649462.45 482.46 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
21 1 Circuit 1 A1 748401.14 4649463.47
482.66 748401.14 4649463.47 482.66 748402.70 4649473.54 485.98 748401.14 4649463.47 482.66 0.00
0.00 0.00 0.00 21.474 0.001
2 B1 748400.05 4649463.71
482.67 748400.05 4649463.71 482.67 748401.28 4649474.07 486.00 748400.05 4649463.71 482.67 0.00
0.00 0.00 0.00 21.941 0.000
3 C1 748399.21 4649463.86
482.65 748399.21 4649463.86 482.65 748399.99 4649474.61 485.92 748399.21 4649463.86 482.65 0.00
0.00 0.00 0.00 22.613 0.002

ARA-APY-L00888001-0042 2 1 Deadend Clamp.#63.stk Circ1 748404.26 4649483.61
489.43 748404.26 4649483.61 489.43 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 748402.50 4649484.44
489.44 748402.50 4649484.44 489.44 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 748400.76 4649485.37
489.44 748400.76 4649485.37 489.44 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
21 1 Circuit 1 A1 748404.97 4649485.39
489.67 748404.97 4649485.39 489.67 748443.32 4649559.83 497.16 748404.97 4649485.39 489.67 0.00
0.00 0.00 0.00 169.366 0.266
2 B1 748403.17 4649486.23
489.64 748403.17 4649486.23 489.64 748441.61 4649560.63 497.21 748403.17 4649486.23 489.64 0.00
0.00 0.00 0.00 169.346 0.258
3 C1 748401.36 4649487.09
489.71 748401.36 4649487.09 489.71 748439.94 4649561.52 497.25 748401.36 4649487.09 489.71 0.00
0.00 0.00 0.00 169.525 0.255

ARA-APY-L00888001-0042_NUEVO 2 1 Deadend Clamp.#64.stk Circ1 748481.68 4649634.28
512.94 748481.68 4649634.28 512.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 748480.05 4649635.02
512.93 748480.05 4649635.02 512.93 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 748478.52 4649635.96
512.90 748478.52 4649635.96 512.90 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888007-0001 2 1 Deadend Clamp.#65.stk Circ1 745723.97 4647914.49
423.22 745723.97 4647914.49 423.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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0.00   0.00   0.00     0.000   0.000
                                         2                                              745725.26 4647915.74
423.21   745725.26 4647915.74 423.21      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                              745726.75 4647916.64
423.21   745726.75 4647916.64 423.21      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21    1 Circuit 1    A1                             745725.36 4647912.73
423.25   745725.36 4647912.73 423.25   745777.79 4647845.54 421.39   745765.89 4647860.79 421.21        0.00
0.00   0.00   0.00   170.659   0.182
                                         2              B1                              745726.99 4647913.49
423.25   745726.99 4647913.49 423.25   745779.31 4647846.46 421.67   745765.52 4647864.12 421.44        0.00
0.00   0.00   0.00   170.280   0.175
                                         3              C1                              745727.99 4647915.05
423.23   745727.99 4647915.05 423.23   745780.57 4647847.75 421.31   745768.80 4647862.81 421.13        0.00
0.00   0.00   0.00   171.027   0.189

         ARA-APY-L00888007-0002   2      1 Circuit 1    A1     Susp Clamp.#66.stk   Circ1 745830.23 4647778.35
426.35   745830.23 4647778.35 426.35   745872.31 4647724.40 424.24   745872.67 4647723.95 424.24        0.00
0.00   0.00   0.00   136.938   0.084
                                         2              B1                              745831.63 4647779.43
426.77   745831.63 4647779.43 426.77   745873.73 4647725.50 424.70   745874.09 4647725.03 424.70        0.00
0.00   0.00   0.00   136.905   0.080
                                         3              C1                              745833.16 4647780.45
426.35   745833.16 4647780.45 426.35   745875.24 4647726.55 424.19   745875.64 4647726.04 424.19        0.00
0.00   0.00   0.00   136.863   0.088

         ARA-APY-L00888007-0003   2      1 Circuit 1    A1     Susp Clamp.#67.stk   Circ1 745914.40 4647670.45
426.28   745914.40 4647670.45 426.28   745955.68 4647617.36 424.55   745952.42 4647621.55 424.54        0.00
0.00   0.00   0.00   134.582   0.084
                                         2              B1                              745915.83 4647671.57
426.70   745915.83 4647671.57 426.70   745957.10 4647618.63 424.81   745956.06 4647619.96 424.80        0.00
0.00   0.00   0.00   134.330   0.079
                                         3              C1                              745917.33 4647672.64
426.27   745917.33 4647672.64 426.27   745958.60 4647619.83 424.51   745955.46 4647623.85 424.50        0.00
0.00   0.00   0.00   134.134   0.085

         ARA-APY-L00888007-0004   2      1                   Deadend Clamp.#68.stk   Circ1 745996.95 4647564.27
426.93   745996.95 4647564.27 426.93      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                              745998.37 4647565.70
426.90   745998.37 4647565.70 426.90      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                              745999.87 4647567.02
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426.90   745999.87 4647567.02 426.90       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                  745998.24 4647562.90
426.87   745998.24 4647562.90 426.87   746064.63 4647504.23 422.90   746065.44 4647503.51 422.90        0.00
0.00   0.00   0.00   177.420   0.226
                                       2              B1                                  745999.72 4647564.25
426.87   745999.72 4647564.25 426.87   746066.00 4647505.70 423.26   746064.80 4647506.76 423.26        0.00
0.00   0.00   0.00   177.073   0.212
                                       3              C1                                  746001.18 4647565.60
426.84   746001.18 4647565.60 426.84   746067.44 4647507.07 422.96   746068.04 4647506.54 422.96        0.00
0.00   0.00   0.00   177.019   0.220

          ARA-APY-L00888007-0005   2    1 Circuit 1    A1     Susp Clamp.#69.stk   Circ1 746131.01 4647445.55
426.68   746131.01 4647445.55 426.68   746201.86 4647382.90 421.30   746209.31 4647376.31 421.25        0.00
0.00   0.00   0.00   189.449   0.278
                                       2              B1                                  746132.27 4647447.16
427.14   746132.27 4647447.16 427.14   746203.11 4647384.35 421.83   746210.72 4647377.60 421.78        0.00
0.00   0.00   0.00   189.621   0.269
                                       3              C1                                  746133.69 4647448.55
426.70   746133.69 4647448.55 426.70   746204.44 4647385.73 421.32   746211.83 4647379.18 421.27        0.00
0.00   0.00   0.00   189.512   0.279

          ARA-APY-L00888007-0006   2    1 Circuit 1    A1     Susp Clamp.#70.stk   Circ1 746272.71 4647320.24
424.81   746272.71 4647320.24 424.81   746328.34 4647271.00 424.76   746301.03 4647295.17 424.13        0.00
0.00   0.00   0.00   148.806   0.124
                                       2              B1                                  746273.94 4647321.54
425.26   746273.94 4647321.54 425.26   746329.55 4647272.34 425.23   746302.11 4647296.62 424.59        0.00
0.00   0.00   0.00   148.703   0.122
                                       3              C1                                  746275.19 4647322.92
424.84   746275.19 4647322.92 424.84   746330.81 4647273.69 424.80   746303.44 4647297.91 424.17        0.00
0.00   0.00   0.00   148.762   0.122

          ARA-APY-L00888007-0007   2    1 Circuit 1    A1     Susp Clamp.#71.stk   Circ1 746383.98 4647221.76
429.98   746383.98 4647221.76 429.98   746454.62 4647159.08 427.83   746436.38 4647175.26 427.54        0.00
0.00   0.00   0.00   189.212   0.279
                                       2              B1                                  746385.15 4647223.14
430.40   746385.15 4647223.14 430.40   746455.89 4647160.49 428.09   746439.12 4647175.34 427.84        0.00
0.00   0.00   0.00   189.297   0.274
                                       3              C1                                  746386.42 4647224.46
429.97   746386.42 4647224.46 429.97   746457.22 4647161.88 427.78   746439.10 4647177.90 427.48        0.00
0.00   0.00   0.00   189.319   0.286

          ARA-APY-L00888007-0008   2    1 Circuit 1    A1     Susp Clamp.#72.stk   Circ1 746525.26 4647096.39
434.57   746525.26 4647096.39 434.57   746598.11 4647031.88 431.48   746586.01 4647042.59 431.35        0.00
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0.00   0.00   0.00   194.952   0.294
                                        2              B1                                    746526.63 4647097.85
434.58   746526.63 4647097.85 434.58   746599.46 4647033.37 431.49   746587.42 4647044.04 431.36        0.00
0.00   0.00   0.00   194.870   0.293
                                        3              C1                                    746528.02 4647099.30
434.58   746528.02 4647099.30 434.58   746600.82 4647034.86 431.42   746588.95 4647045.37 431.30        0.00
0.00   0.00   0.00   194.778   0.302

          ARA-APY-L00888007-0009   2     1 Circuit 1    A1     Susp Clamp.#73.stk   Circ1 746670.97 4646967.36
437.65   746670.97 4646967.36 437.65   746740.32 4646905.98 434.14   746734.80 4646910.87 434.11        0.00
0.00   0.00   0.00   185.480   0.251
                                        2              B1                                    746672.30 4646968.90
437.64   746672.30 4646968.90 437.64   746741.62 4646907.54 434.41   746734.02 4646914.27 434.35        0.00
0.00   0.00   0.00   185.401   0.248
                                        3              C1                                    746673.62 4646970.41
437.64   746673.62 4646970.41 437.64   746742.95 4646909.03 434.14   746737.39 4646913.96 434.11        0.00
0.00   0.00   0.00   185.450   0.251

          ARA-APY-L00888007-0010   2     1 Circuit 1    A1     Susp Clamp.#74.stk   Circ1 746809.67 4646844.60
438.98   746809.67 4646844.60 438.98   746884.45 4646778.46 437.65   746857.19 4646802.57 437.00        0.00
0.00   0.00   0.00   200.119   0.321
                                        2              B1                                    746810.94 4646846.19
439.46   746810.94 4646846.19 439.46   746885.83 4646779.94 437.87   746860.45 4646802.39 437.30        0.00
0.00   0.00   0.00   200.406   0.325
                                        3              C1                                    746812.28 4646847.66
438.98   746812.28 4646847.66 438.98   746887.14 4646781.46 437.48   746860.82 4646804.72 436.86        0.00
0.00   0.00   0.00   200.324   0.339

          ARA-APY-L00888007-0011   2     1                    Deadend Clamp.#75.stk   Circ1 746959.23 4646712.32
446.14   746959.23 4646712.32 446.14      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                   746960.71 4646713.69
446.16   746960.71 4646713.69 446.16      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                   746961.99 4646715.26
446.08   746961.99 4646715.26 446.08      0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                    746960.66 4646711.07
446.20   746960.66 4646711.07 446.20   747035.78 4646644.57 441.33   747034.73 4646645.50 441.33        0.00
0.00   0.00   0.00   200.976   0.334
                                        2              B1                                    746962.04 4646712.54
446.19   746962.04 4646712.54 446.19   747037.18 4646646.02 441.52   747034.29 4646648.58 441.51        0.00
0.00   0.00   0.00   201.046   0.341
                                        3              C1                                    746963.41 4646714.00
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446.11   746963.41 4646714.00 446.11   747038.53 4646647.49 441.24   747037.27 4646648.61 441.24        0.00
0.00   0.00   0.00   201.013   0.338

          ARA-APY-L00888007-0012   2     1 Circuit 1    A1     Susp Clamp.#76.stk   Circ1 747110.90 4646578.08
446.48   747110.90 4646578.08 446.48   747192.77 4646505.42 444.52   747165.17 4646529.92 443.83        0.00
0.00   0.00   0.00   219.522   0.442
                                         2              B1                                  747112.32 4646579.50
446.97   747112.32 4646579.50 446.97   747194.16 4646506.88 444.94   747166.86 4646531.11 444.26        0.00
0.00   0.00   0.00   219.444   0.453
                                         3              C1                                  747113.66 4646580.98
446.45   747113.66 4646580.98 446.45   747195.51 4646508.35 444.45   747168.02 4646532.74 443.77        0.00
0.00   0.00   0.00   219.464   0.451

          ARA-APY-L00888007-0013   2     1 Circuit 1    A1     Susp Clamp.#77.stk   Circ1 747274.65 4646432.77
454.62   747274.65 4646432.77 454.62   747345.72 4646369.89 452.19   747329.43 4646384.31 451.95        0.00
0.00   0.00   0.00   190.117   0.284
                                         2              B1                                  747276.01 4646434.25
455.12   747276.01 4646434.25 455.12   747347.02 4646371.28 452.68   747330.76 4646385.70 452.44        0.00
0.00   0.00   0.00   190.148   0.285
                                         3              C1                                  747277.36 4646435.71
454.64   747277.36 4646435.71 454.64   747348.29 4646372.70 452.25   747331.75 4646387.38 452.01        0.00
0.00   0.00   0.00   190.086   0.282

          ARA-APY-L00888007-0014   2     1 Circuit 1    A1     Susp Clamp.#78.stk   Circ1 747416.80 4646307.01
458.75   747416.80 4646307.01 458.75   747484.65 4646246.86 457.04   747464.93 4646264.34 456.69        0.00
0.00   0.00   0.00   181.674   0.246
                                         2              B1                                  747418.03 4646308.31
459.25   747418.03 4646308.31 459.25   747485.90 4646248.15 457.53   747466.25 4646265.57 457.18        0.00
0.00   0.00   0.00   181.714   0.247
                                         3              C1                                  747419.21 4646309.68
458.82   747419.21 4646309.68 458.82   747487.06 4646249.52 457.07   747467.54 4646266.83 456.73        0.00
0.00   0.00   0.00   181.666   0.249

          ARA-APY-L00888007-0015   2     1 Circuit 1    A1     Susp Clamp.#79.stk   Circ1 747552.51 4646186.70
463.51   747552.51 4646186.70 463.51   747610.17 4646135.61 465.26   747564.08 4646176.45 463.39        0.00
0.00   0.00   0.00   154.509   0.148
                                         2              B1                                  747553.78 4646187.98
464.00   747553.78 4646187.98 464.00   747611.46 4646136.87 465.71   747565.94 4646177.21 463.87        0.00
0.00   0.00   0.00   154.572   0.151
                                         3              C1                                  747554.92 4646189.37
463.56   747554.92 4646189.37 463.56   747612.61 4646138.25 465.19   747568.10 4646177.69 463.40        0.00
0.00   0.00   0.00   154.594   0.156

          ARA-APY-L00888007-0016   2     1 Circuit 1    A1     Susp Clamp.#80.stk   Circ1 747667.83 4646084.51
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472.87   747667.83 4646084.51 472.87   747733.31 4646026.27 476.80   747667.83 4646084.52 472.87        0.00
0.00   0.00   0.00   176.201   0.226
                                        2              B1                                  747669.15 4646085.76
473.34   747669.15 4646085.76 473.34   747734.73 4646027.53 477.01   747671.19 4646083.95 473.34        0.00
0.00   0.00   0.00   176.291   0.232
                                        3              C1                                  747670.30 4646087.13
472.84   747670.30 4646087.13 472.84   747736.08 4646028.86 476.70   747671.32 4646086.23 472.84        0.00
0.00   0.00   0.00   176.712   0.240

          ARA-APY-L00888007-0017   2     1                  Deadend Clamp.#81.stk   Circ1 747798.80 4645968.02
488.48   747798.80 4645968.02 488.48       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                        2                                              747800.31 4645969.30
488.52   747800.31 4645969.30 488.52       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                        3                                              747801.87 4645970.58
488.56   747801.87 4645970.58 488.56       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                       21     1 Circuit 1    A1                          747800.06 4645966.51
488.70   747800.06 4645966.51 488.70   747827.08 4645922.70 496.70   747800.06 4645966.51 488.70        0.00
0.00   0.00   0.00   104.751   0.060
                                        2              B1                                  747801.62 4645967.76
488.71   747801.62 4645967.76 488.71   747828.59 4645923.81 496.60   747801.62 4645967.76 488.71        0.00
0.00   0.00   0.00   104.963   0.068
                                        3              C1                                  747803.17 4645969.03
488.78   747803.17 4645969.03 488.78   747830.21 4645924.73 496.81   747803.16 4645969.03 488.78        0.00
0.00   0.00   0.00   105.598   0.055

  ARA-APY-L00888007-0017_NUEVO_1   2     1                  Deadend Clamp.#82.stk   Circ1 747854.09 4645878.90
507.82   747854.09 4645878.90 507.82       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                        2                                              747855.57 4645879.86
507.82   747855.57 4645879.86 507.82       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                        3                                              747857.25 4645880.43
507.85   747857.25 4645880.43 507.85       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000

          ARA-APY-L00888005-0001   2     1                  Deadend Clamp.#83.stk   Circ1 744997.25 4647524.69
424.72   744997.25 4647524.69 424.72       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
                                        2                                              744999.25 4647524.70
424.73   744999.25 4647524.70 424.73       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00      0.000   0.000
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                                       3                                    745001.25 4647524.65
424.75   745001.25 4647524.65 424.75      0.00        0.00   0.00         0.00        0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                   744997.18 4647522.30
424.68   744997.18 4647522.30 424.68   744988.96 4647447.89 420.62   744987.08 4647430.90 420.47         0.00
0.00   0.00   0.00   149.880   0.139
                                       2              B1                                   744999.17 4647522.22
424.70   744999.17 4647522.22 424.70   744990.96 4647447.85 420.52   744989.12 4647431.19 420.37         0.00
0.00   0.00   0.00   149.809   0.149
                                       3              C1                                   745001.20 4647522.38
424.72   745001.20 4647522.38 424.72   744992.99 4647447.89 420.44   744991.18 4647431.47 420.30         0.00
0.00   0.00   0.00   150.049   0.157

         ARA-APY-L00888005-0002   2    1                    Deadend Clamp.#84.stk   Circ1 744980.74 4647373.48
422.13   744980.74 4647373.48 422.13      0.00        0.00   0.00         0.00        0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                       2                                    744982.76 4647373.49
422.11   744982.76 4647373.49 422.11      0.00        0.00   0.00         0.00        0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                       3                                    744984.77 4647373.41
422.10   744984.77 4647373.41 422.10      0.00        0.00   0.00         0.00        0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                  21    1 Circuit 1    A1                                   744980.59 4647371.31
422.14   744980.59 4647371.31 422.14   744980.34 4647310.32 419.35   744980.29 4647296.97 419.26         0.00
0.00   0.00   0.00   122.083   0.082
                                       2              B1                                   744982.59 4647371.13
422.14   744982.59 4647371.13 422.14   744982.25 4647310.17 419.70   744982.20 4647299.68 419.64         0.00
0.00   0.00   0.00   122.010   0.072
                                       3              C1                                   744984.59 4647370.94
422.09   744984.59 4647370.94 422.09   744984.15 4647310.04 418.68   744984.09 4647300.42 418.61         0.00
0.00   0.00   0.00   121.963   0.147

         ARA-APY-L00888005-0003   2    1 Circuit 1    A1     Susp Clamp.#85.stk   Circ1 744980.09 4647249.32
420.44   744980.09 4647249.32 420.44   744979.68 4647187.63 418.12   744979.65 4647183.82 418.11         0.00
0.00   0.00   0.00   123.486   0.092
                                       2              B1                                   744981.92 4647249.20
420.89   744981.92 4647249.20 420.89   744981.51 4647187.61 418.70   744981.48 4647183.46 418.69         0.00
0.00   0.00   0.00   123.255   0.080
                                       3              C1                                   744983.72 4647249.14
420.45   744983.72 4647249.14 420.45   744983.31 4647187.55 417.62   744983.29 4647184.36 417.62         0.00
0.00   0.00   0.00   123.327   0.142

         ARA-APY-L00888005-0004   2    1 Circuit 1    A1     Susp Clamp.#86.stk   Circ1 744979.26 4647125.93
419.93   744979.26 4647125.93 419.93   744978.70 4647053.98 415.89   744978.59 4647040.26 415.79         0.00
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0.00   0.00   0.00   144.092   0.158
                                          2              B1                                    744981.09 4647126.03
420.37   744981.09 4647126.03 420.37   744980.61 4647054.08 416.28   744980.49 4647036.53 416.12        0.00
0.00   0.00   0.00   144.068   0.140
                                          3              C1                                    744982.90 4647125.96
419.92   744982.90 4647125.96 419.92   744982.50 4647054.14 415.40   744982.43 4647042.34 415.30        0.00
0.00   0.00   0.00   143.873   0.215

    ARA-APY-L00888005-0004_NUEVO   2     1                  Deadend Clamp.#87.stk   Circ1 744978.14 4646982.02
417.70   744978.14 4646982.02 417.70       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                                744980.13 4646982.13
417.69   744980.13 4646982.13 417.69       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                                744982.10 4646982.32
417.68   744982.10 4646982.32 417.68       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

          ARA-APY-L00888003-00C1   2     1                  Deadend Clamp.#88.stk   Circ1 743352.55 4646644.09
414.42   743352.55 4646644.09 414.42       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                                743351.25 4646642.96
414.52   743351.25 4646642.96 414.52       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                                743349.90 4646641.77
414.61   743349.90 4646641.77 414.61       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         21     1 Circuit 1     A1                          743354.12 4646642.24
414.60   743354.12 4646642.24 414.60   743398.66 4646593.11 415.34   743369.54 4646625.22 414.31        0.00
0.00   0.00   0.00   132.882   0.117
                                          2              B1                                    743352.90 4646640.90
414.60   743352.90 4646640.90 414.60   743397.12 4646592.09 415.28   743368.83 4646623.31 414.28        0.00
0.00   0.00   0.00   131.990   0.120
                                          3              C1                                    743351.56 4646639.80
414.63   743351.56 4646639.80 414.63   743395.49 4646591.20 415.18   743368.74 4646620.79 414.25        0.00
0.00   0.00   0.00   131.297   0.127

          ARA-APY-L00888003-0002   2     1                  Deadend Clamp.#89.stk   Circ1 743443.19 4646543.99
420.91   743443.19 4646543.99 420.91       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                                743441.34 4646543.28
420.83   743441.34 4646543.28 420.83       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                                743439.42 4646542.60
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420.73   743439.42 4646542.60 420.73        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21    1 Circuit 1    A1                                  743443.87 4646541.76
420.88   743443.87 4646541.76 420.88   743442.79 4646462.31 418.02   743442.88 4646469.34 417.99        0.00
0.00   0.00   0.00   159.127   0.203
                                          2              B1                                  743441.98 4646541.38
420.82   743441.98 4646541.38 420.82   743440.84 4646462.16 417.71   743440.94 4646468.95 417.68        0.00
0.00   0.00   0.00   158.701   0.238
                                          3              C1                                  743440.11 4646540.66
420.75   743440.11 4646540.66 420.75   743438.91 4646461.95 417.44   743439.01 4646468.49 417.41        0.00
0.00   0.00   0.00   157.708   0.267

          ARA-APY-L00888003-0003   2     1                  Deadend Clamp.#90.stk   Circ1 743441.70 4646382.86
422.11   743441.70 4646382.86 422.11        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                              743439.70 4646382.94
422.11   743439.70 4646382.94 422.11        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                              743437.70 4646383.24
422.07   743437.70 4646383.24 422.07        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21    1 Circuit 1    A1                                  743441.49 4646380.33
422.05   743441.49 4646380.33 422.05   743434.34 4646330.27 418.34   743431.10 4646307.58 417.94        0.00
0.00   0.00   0.00   101.298   0.100
                                          2              B1                                  743439.53 4646380.64
422.10   743439.53 4646380.64 422.10   743432.47 4646330.23 418.52   743429.03 4646305.66 418.09        0.00
0.00   0.00   0.00   101.953   0.086
                                          3              C1                                  743437.54 4646380.94
422.10   743437.54 4646380.94 422.10   743430.68 4646330.06 418.49   743427.42 4646305.93 418.07        0.00
0.00   0.00   0.00   102.820   0.089

          ARA-APY-L00888003-0004   2     1                  Deadend Clamp.#91.stk   Circ1 743427.20 4646280.21
418.52   743427.20 4646280.21 418.52        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                              743425.41 4646279.81
418.57   743425.41 4646279.81 418.57        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                              743423.82 4646279.19
418.58   743423.82 4646279.19 418.58        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     3    1 Circuit 1    A1                                  743425.55 4646279.95
416.74   743425.55 4646279.95 416.74   743402.34 4646300.27 417.36   743425.55 4646279.95 416.74        0.00
0.00   0.00   0.00    61.750   0.016
                                          2              B1                                  743424.75 4646279.49
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416.75   743424.75 4646279.49 416.75   743401.35 4646299.39 417.25   743421.10 4646282.60 416.73        0.00
0.00   0.00   0.00    61.516   0.022
                                          3              C1                                  743423.72 4646279.25
416.76   743423.72 4646279.25 416.76   743400.14 4646298.69 417.27   743420.44 4646281.96 416.75        0.00
0.00   0.00   0.00    61.181   0.022

  ARA-APY-L00888003-0004_NUEVO_1   2     1                  Deadend Clamp.#92.stk   Circ1 743379.14 4646320.59
419.20   743379.14 4646320.59 419.20       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                             743377.94 4646319.29
419.18   743377.94 4646319.29 419.18       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                             743376.56 4646318.12
419.21   743376.56 4646318.12 419.21       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

         ARA-APY-L00888001-0005D   2     1 Circuit 1    A1  Deadend Clamp.#93.stk   Circ1 743256.93 4646777.01
416.01   743256.93 4646777.01 416.01   743233.48 4646814.44 413.91   743222.98 4646831.19 413.69        0.00
0.00   0.00   0.00    88.401   0.037
                                          2              B1                                  743256.68 4646776.87
417.19   743256.68 4646776.87 417.19   743233.17 4646814.46 415.19   743227.10 4646824.16 415.11        0.00
0.00   0.00   0.00    88.732   0.052
                                          3              C1                                  743256.91 4646777.00
418.41   743256.91 4646777.00 418.41   743233.39 4646814.62 416.61   743230.03 4646819.99 416.58        0.00
0.00   0.00   0.00    88.800   0.059
                                    3     1              A1                                  743256.91 4646775.90
417.14   743256.91 4646775.90 417.14   743246.29 4646778.36 417.41   743256.91 4646775.90 417.14        0.00
0.00   0.00   0.00    21.811   0.001
                                          2              B1                                  743256.82 4646776.23
418.37   743256.82 4646776.23 418.37   743246.65 4646779.94 418.65   743256.82 4646776.23 418.37        0.00
0.00   0.00   0.00    21.649   0.000
                                          3              C1                                  743256.92 4646776.20
415.95   743256.92 4646776.20 415.95   743246.63 4646780.09 416.24   743256.92 4646776.20 415.95        0.00
0.00   0.00   0.00    22.010   0.000
                                   21     1                                             743258.05 4646775.16
415.95   743258.05 4646775.16 415.95       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          2                                             743257.92 4646774.90
417.13   743257.92 4646774.90 417.13       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                          3                                             743258.05 4646775.15
418.33   743258.05 4646775.15 418.33       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                   25     1 Circuit 2    A2                                  743259.64 4646778.41
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416.05 743259.64 4646778.41 416.05 743236.13 4646815.95 414.11 743223.23 4646836.55 413.83 0.00
0.00 0.00 0.00 88.640 0.026

2 B2 743259.82 4646778.60
417.26 743259.82 4646778.60 417.26 743236.36 4646816.06 415.45 743228.34 4646828.87 415.32 0.00
0.00 0.00 0.00 88.437 0.035

3 C2 743259.63 4646778.40
418.43 743259.63 4646778.40 418.43 743236.14 4646815.96 416.64 743232.48 4646821.83 416.61 0.00
0.00 0.00 0.00 88.663 0.056

26 1 743260.72 4646776.72
415.91 743260.72 4646776.72 415.91 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

2 743260.93 4646776.85
417.12 743260.93 4646776.85 417.12 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

3 743260.70 4646776.71
418.30 743260.70 4646776.71 418.30 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888001-0004d 2 1 Circuit 1 A1 Deadend Clamp.#94.stk Circ1 743209.24 4646853.55
414.02 743209.24 4646853.55 414.02 743188.45 4646933.53 408.45 743177.68 4646975.00 407.72 0.00
0.00 0.00 0.00 165.498 0.121

2 B1 743208.97 4646853.54
415.80 743208.97 4646853.54 415.80 743188.20 4646933.44 409.56 743179.57 4646966.65 408.97 0.00
0.00 0.00 0.00 165.394 0.188

3 C1 743209.25 4646853.65
417.56 743209.25 4646853.65 417.56 743188.47 4646933.46 410.63 743181.24 4646961.22 410.13 0.00
0.00 0.00 0.00 165.301 0.270

21 1 743210.03 4646851.87
414.03 743210.03 4646851.87 414.03 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

2 743209.66 4646852.04
415.83 743209.66 4646852.04 415.83 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

3 743209.87 4646852.24
417.61 743209.87 4646852.24 417.61 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

25 1 Circuit 2 A2 743212.08 4646854.78
413.97 743212.08 4646854.78 413.97 743191.19 4646935.15 408.61 743177.55 4646987.64 407.62 0.00
0.00 0.00 0.00 166.273 0.087

2 B2 743212.32 4646854.88
415.75 743212.32 4646854.88 415.75 743191.44 4646935.22 409.51 743181.80 4646972.30 408.82 0.00
0.00 0.00 0.00 166.293 0.169

3 C2 743212.08 4646854.82
417.55 743212.08 4646854.82 417.55 743191.15 4646935.18 410.66 743182.93 4646966.71 410.07 0.00

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0.00   0.00   0.00   166.444   0.239
                                    26     1                                                    743212.62 4646853.49
414.02   743212.62 4646853.49 414.02          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                           2                                                    743212.90 4646853.51
415.79   743212.90 4646853.51 415.79          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                           3                                                    743212.65 4646853.53
417.58   743212.65 4646853.53 417.58          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000

         ARA-APY-L00888001-0003D   2     1 Circuit 1    A1  Deadend Clamp.#95.stk   Circ1 743167.06 4647015.87
408.35   743167.06 4647015.87 408.35   743146.40 4647096.35 407.97   743155.29 4647061.73 407.47         0.00
0.00   0.00   0.00   166.362   0.118
                                           2              B1                                    743166.79 4647015.84
410.12   743166.79 4647015.84 410.12   743146.17 4647096.25 409.29   743153.79 4647066.52 408.86         0.00
0.00   0.00   0.00   166.249   0.163
                                           3              C1                                    743167.04 4647015.73
411.91   743167.04 4647015.73 411.91   743146.41 4647096.24 410.78   743153.39 4647069.01 410.38         0.00
0.00   0.00   0.00   166.481   0.195
                                    3      1              A1                                    743166.37 4647013.75
410.10   743166.37 4647013.75 410.10   743153.76 4647000.11 408.43   743141.16 4646986.47 407.55         0.00
0.00   0.00   0.00    37.241   0.011
                                           2              B1                                    743166.61 4647013.66
411.85   743166.61 4647013.66 411.85   743155.81 4647000.00 409.79   743145.00 4646986.34 408.77         0.00
0.00   0.00   0.00    34.983   0.021
                                           3              C1                                    743166.46 4647013.51
408.28   743166.46 4647013.51 408.28   743155.78 4646999.98 407.04   743145.11 4646986.45 406.36         0.00
0.00   0.00   0.00    34.535   0.006
                                    21     1                                                    743167.67 4647013.52
408.35   743167.67 4647013.52 408.35          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                           2                                                    743167.44 4647013.34
410.13   743167.44 4647013.34 410.13          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                           3                                                    743167.69 4647013.26
411.87   743167.69 4647013.26 411.87          0.00       0.00   0.00        0.00       0.00   0.00         0.00
0.00   0.00   0.00     0.000   0.000
                                    25     1 Circuit 2    A2                                    743170.30 4647015.52
407.90   743170.30 4647015.52 407.90   743149.48 4647096.55 408.15   743161.02 4647051.64 407.44         0.00
0.00   0.00   0.00   167.484   0.085
                                           2              B2                                    743170.56 4647015.55
409.76   743170.56 4647015.55 409.76   743149.71 4647096.62 409.07   743157.88 4647064.84 408.57         0.00
0.00   0.00   0.00   167.642   0.165
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                                        3              C2                                  743170.21 4647015.55
411.49   743170.21 4647015.55 411.49   743149.46 4647096.47 410.25   743156.44 4647069.24 409.82        0.00
0.00   0.00   0.00   167.391   0.231

         ARA-APY-L00888001-0002D   2    1 Circuit 1    A1     Susp Clamp.#96.stk   Circ1 743125.75 4647176.83
413.02   743125.75 4647176.83 413.02   743108.03 4647245.97 408.75   743097.80 4647285.86 408.09        0.00
0.00   0.00   0.00   142.898   0.074
                                        2              B1                                  743125.55 4647176.66
414.83   743125.55 4647176.66 414.83   743107.80 4647245.86 410.10   743099.43 4647278.44 409.56        0.00
0.00   0.00   0.00   143.075   0.111
                                        3              C1                                  743125.77 4647176.74
416.63   743125.77 4647176.74 416.63   743108.04 4647245.90 411.63   743100.51 4647275.29 411.14        0.00
0.00   0.00   0.00   142.992   0.137
                                       25    1 Circuit 2    A2                                  743128.65 4647177.57
413.01   743128.65 4647177.57 413.01   743110.91 4647246.74 409.05   743098.64 4647294.61 408.25        0.00
0.00   0.00   0.00   142.943   0.052
                                        2              B2                                  743128.86 4647177.68
414.81   743128.86 4647177.68 414.81   743111.14 4647246.84 410.21   743102.20 4647281.73 409.63        0.00
0.00   0.00   0.00   142.960   0.098
                                        3              C2                                  743128.70 4647177.39
416.61   743128.70 4647177.39 416.61   743110.93 4647246.70 411.51   743103.59 4647275.34 411.03        0.00
0.00   0.00   0.00   143.317   0.145

         ARA-APY-L00888001-0001D   2    1 Circuit 1    A1     Susp Clamp.#97.stk   Circ1 743090.30 4647315.11
408.44   743090.30 4647315.11 408.44   743076.49 4647368.22 407.31   743076.10 4647369.71 407.31        0.00
0.00   0.00   0.00   109.778   0.028
                                        2              B1                                  743090.04 4647315.06
410.24   743090.04 4647315.06 410.24   743076.20 4647368.24 408.53   743074.43 4647375.06 408.50        0.00
0.00   0.00   0.00   109.937   0.045
                                        3              C1                                  743090.32 4647315.05
412.03   743090.32 4647315.05 412.03   743076.48 4647368.20 409.84   743073.56 4647379.43 409.77        0.00
0.00   0.00   0.00   109.896   0.057
                                       25    1 Circuit 2    A2                                  743093.17 4647315.91
408.41   743093.17 4647315.91 408.41   743079.36 4647369.23 407.46   743079.29 4647369.51 407.46        0.00
0.00   0.00   0.00   110.168   0.021
                                        2              B2                                  743093.41 4647316.00
410.19   743093.41 4647316.00 410.19   743079.66 4647369.09 408.62   743077.93 4647375.74 408.60        0.00
0.00   0.00   0.00   109.728   0.038
                                        3              C2                                  743093.16 4647316.00
411.99   743093.16 4647316.00 411.99   743079.37 4647369.19 409.81   743076.63 4647379.78 409.75        0.00
0.00   0.00   0.00   109.963   0.059

          ARA-APY-L00887001-000D   2    1                  Deadend Clamp.#98.stk   Circ1 743062.67 4647421.33
408.32   743062.67 4647421.33 408.32       0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000
                                         2                                                 743062.37 4647421.41
409.54   743062.37 4647421.41 409.54        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                                 743062.65 4647421.34
410.73   743062.65 4647421.34 410.73        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  25     1                                                 743065.55 4647422.54
408.39   743065.55 4647422.54 408.39        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                                 743065.90 4647422.18
409.56   743065.90 4647422.18 409.56        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                                 743065.58 4647422.38
410.75   743065.58 4647422.38 410.75        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

                    L00888019-002   2    1                Deadend Clamp.#99.stk   Circ1 743141.16 4646986.47
407.55   743141.16 4646986.47 407.55        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                                 743145.00 4646986.34
408.77   743145.00 4646986.34 408.77        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                                 743145.11 4646986.45
406.36   743145.11 4646986.45 406.36        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                  21     1 Circuit 1    A1                                 743140.48 4646983.97
407.50   743140.48 4646983.97 407.50   743144.43 4646963.24 408.33   743140.48 4646983.97 407.50       0.00
0.00   0.00   0.00    42.278   0.005
                                         2              B1                                 743144.42 4646983.76
408.72   743144.42 4646983.76 408.72   743147.28 4646963.40 408.92   743144.91 4646980.27 408.71       0.00
0.00   0.00   0.00    41.144   0.006
                                         3              C1                                 743144.40 4646984.32
406.43   743144.40 4646984.32 406.43   743148.18 4646963.64 407.79   743144.40 4646984.32 406.43       0.00
0.00   0.00   0.00    42.192   0.006

                L00888019-002_NUEVO_1   2    1               Deadend Clamp.#100.stk   Circ1 743148.37 4646942.50
409.71   743148.37 4646942.50 409.71        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         2                                                 743150.14 4646943.04
409.74   743150.14 4646943.04 409.74        0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                         3                                                 743151.96 4646942.95
409.78   743151.96 4646942.95 409.78        0.00       0.00   0.00        0.00       0.00   0.00        0.00
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0.00   0.00   0.00     0.000   0.000
                                    21     1 Circuit 1    A1                                    743148.88 4646939.90
409.73   743148.88 4646939.90 409.73   743156.08 4646905.16 406.07   743163.28 4646870.42 404.22        0.00
0.00   0.00   0.00    71.197   0.030
                                           2              B1                                    743150.62 4646940.27
409.75   743150.62 4646940.27 409.75   743157.28 4646905.50 406.09   743163.94 4646870.72 404.22        0.00
0.00   0.00   0.00    71.058   0.030
                                           3              C1                                    743152.38 4646940.47
409.73   743152.38 4646940.47 409.73   743158.54 4646905.65 405.92   743164.70 4646870.82 404.20        0.00
0.00   0.00   0.00    70.982   0.041

                         TERRENO   2     1                 Deadend Clamp.#101.stk   Circ1 743163.28 4646870.42
404.22   743163.28 4646870.42 404.22       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                           2                                                 743163.94 4646870.72
404.22   743163.94 4646870.72 404.22       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                           3                                                 743164.70 4646870.82
404.20   743164.70 4646870.82 404.20       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000

 ARA-APY-L00888001-0005D_NUEVO_1   2     1                 Deadend Clamp.#102.stk   Circ1 743235.67 4646780.82
417.82   743235.67 4646780.82 417.82       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                           2                                                 743236.49 4646783.64
419.04   743236.49 4646783.64 419.04       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                           3                                                 743236.34 4646783.97
416.64   743236.34 4646783.97 416.64       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                    21     1 Circuit 1    A1                                    743234.24 4646781.13
417.80   743234.24 4646781.13 417.80   743175.06 4646794.59 409.18   743115.88 4646808.04 405.65        0.00
0.00   0.00   0.00   122.120   0.140
                                           2              B1                                    743234.59 4646784.20
418.95   743234.59 4646784.20 418.95   743175.19 4646797.07 409.70   743115.80 4646809.93 405.63        0.00
0.00   0.00   0.00   122.413   0.145
                                           3              C1                                    743234.48 4646784.51
416.53   743234.48 4646784.51 416.53   743175.36 4646798.08 408.69   743116.23 4646811.65 405.64        0.00
0.00   0.00   0.00   121.944   0.124

          ARA-APY-L00887002-0002   2     1                 Deadend Clamp.#103.stk   Circ1 743115.88 4646808.04
405.65   743115.88 4646808.04 405.65       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                           2                                                 743115.80 4646809.93
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405.63   743115.80 4646809.93 405.63       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      3                                                  743116.23 4646811.65
405.64   743116.23 4646811.65 405.64       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     21    1 Circuit 1    A1                              743113.29 4646808.44
405.49   743113.29 4646808.44 405.49  743072.61 4646811.58 403.91   743066.82 4646812.02 403.89        0.00
0.00   0.00   0.00    81.658   0.049
                                      2              B1                                  743113.57 4646810.25
405.51   743113.57 4646810.25 405.51  743072.81 4646813.49 404.61   743073.15 4646813.47 404.61        0.00
0.00   0.00   0.00    81.801   0.027
                                      3              C1                                  743114.23 4646811.97
405.52   743114.23 4646811.97 405.52  743073.30 4646815.34 404.04   743066.73 4646815.89 404.01        0.00
0.00   0.00   0.00    82.194   0.041

          ARA-APY-L00887002-0003   2     1                 Deadend Clamp.#104.stk   Circ1 743031.93 4646814.71
404.79   743031.93 4646814.71 404.79       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      2                                                  743032.06 4646816.74
405.54   743032.06 4646816.74 405.54       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      3                                                  743032.36 4646818.72
404.80   743032.36 4646818.72 404.80       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     21    1 Circuit 1    A1                              743029.36 4646814.90
404.72   743029.36 4646814.90 404.72  742951.42 4646821.42 400.59   742951.79 4646821.39 400.58        0.00
0.00   0.00   0.00   156.722   0.297
                                      2              B1                                  743029.62 4646816.90
405.48   743029.62 4646816.90 405.48  742951.59 4646823.43 401.16   742951.86 4646823.41 401.16        0.00
0.00   0.00   0.00   156.937   0.323
                                      3              C1                                  743030.01 4646818.91
404.80   743030.01 4646818.91 404.80  742951.76 4646825.46 400.64   742951.85 4646825.45 400.63        0.00
0.00   0.00   0.00   157.339   0.296

          ARA-APY-L00887002-0004   2     1                 Deadend Clamp.#105.stk   Circ1 742873.48 4646827.94
404.80   742873.48 4646827.94 404.80       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      2                                                  742873.55 4646829.97
405.54   742873.55 4646829.97 405.54       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                      3                                                  742873.51 4646832.01
404.82   742873.51 4646832.01 404.82       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                     21    1 Circuit 1    A1                              742871.23 4646828.13
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404.72   742871.23 4646828.13 404.72   742806.29 4646833.44 396.58   742790.57 4646834.72 396.26        0.00
0.00   0.00   0.00   131.025   0.612
                                        2              B1                                  742871.11 4646830.16
405.46   742871.11 4646830.16 405.46   742805.94 4646834.48 398.73   742791.49 4646835.43 398.50        0.00
0.00   0.00   0.00   131.133   0.442
                                        3              C1                                  742871.44 4646832.15
404.67   742871.44 4646832.15 404.67   742806.10 4646835.50 395.72   742785.34 4646836.56 395.17        0.00
0.00   0.00   0.00   131.642   0.605

          ARA-APY-L00887002-0005   2     1                 Deadend Clamp.#106.stk   Circ1 742741.36 4646838.75
399.40   742741.36 4646838.75 399.40       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                  742740.77 4646838.79
401.32   742740.77 4646838.79 401.32       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        3                                                  742740.76 4646838.85
397.71   742740.76 4646838.85 397.71       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                       21     1 Circuit 1    A1                           742739.99 4646838.01
399.36   742739.99 4646838.01 399.36   742763.85 4646766.69 391.53   742767.07 4646757.06 391.41        0.00
0.00   0.00   0.00   151.102   0.672
                                        2              B1                                  742740.04 4646837.88
401.14   742740.04 4646837.88 401.14   742763.01 4646766.38 392.25   742768.29 4646749.93 391.93        0.00
0.00   0.00   0.00   150.952   0.655
                                        3              C1                                  742740.09 4646837.77
397.52   742740.09 4646837.77 397.52   742764.76 4646766.84 390.34   742766.69 4646761.31 390.30        0.00
0.00   0.00   0.00   150.884   0.683

          ARA-APY-L00887002-0006   2     1 Circuit 1    A1    Susp Clamp.#107.stk   Circ1 742787.71 4646695.38
396.02   742787.71 4646695.38 396.02   742794.74 4646673.56 395.45   742795.23 4646672.02 395.45        0.00
0.00   0.00   0.00    45.878   0.014
                                        2              B1                                  742785.97 4646694.88
395.53   742785.97 4646694.88 395.53   742792.95 4646672.89 395.25   742791.62 4646677.10 395.23        0.00
0.00   0.00   0.00    46.155   0.012
                                        3              C1                                  742789.43 4646695.91
395.58   742789.43 4646695.91 395.58   742796.58 4646674.03 395.25   742795.40 4646677.66 395.23        0.00
0.00   0.00   0.00    46.070   0.014

          ARA-APY-L00887002-0007   2     1                 Deadend Clamp.#108.stk   Circ1 742801.77 4646651.73
395.88   742801.77 4646651.73 395.88       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
                                        2                                                  742799.94 4646650.90
395.88   742799.94 4646650.90 395.88       0.00       0.00   0.00        0.00       0.00   0.00        0.00
0.00   0.00   0.00     0.000   0.000
```

3 742803.74 4646652.14
395.91 742803.74 4646652.14 395.91 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
21 1 Circuit 1 A1 742800.98 4646652.07
392.98 742800.98 4646652.07 392.98 742752.64 4646628.60 389.49 742751.71 4646628.15 389.49 0.00
0.00 0.00 0.00 107.737 0.280
2 B1 742801.49 4646650.44
393.03 742801.49 4646650.44 393.03 742753.44 4646627.10 389.60 742752.42 4646626.60 389.60 0.00
0.00 0.00 0.00 107.116 0.270
3 C1 742801.93 4646648.68
392.98 742801.93 4646648.68 392.98 742754.11 4646625.46 389.59 742752.97 4646624.90 389.58 0.00
0.00 0.00 0.00 106.585 0.263

ARA-APY-L00887002-0008 2 1 Deadend Clamp.#109.stk Circ1 742704.31 4646605.14
392.72 742704.31 4646605.14 392.72 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 742705.39 4646603.75
392.75 742705.39 4646603.75 392.75 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 742706.29 4646602.24
392.67 742706.29 4646602.24 392.67 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

ARA-APY-L00888011-0001 2 1 Deadend Clamp.#110.stk Circ1 748480.91 4649260.27
469.54 748480.91 4649260.27 469.54 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
2 748482.75 4649260.58
469.46 748482.75 4649260.58 469.46 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000
3 748483.82 4649261.64
469.59 748483.82 4649261.64 469.59 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.000 0.000

Circuit and Phase Definitions and Labels:

Section Section Cable Section | Start Start Start |
End End End | Jumpers | Connected Connected Connected Connected | Circuit Phase | Break | Notes
Number Note File Voltage | Structure Set #Phase |
Structure Set #Phase | Modeled | Backwards Set # Phase # Section # | Label Label | Link |
(kV) | |
| | | | |

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1 LA 110.Wir 25 ARA-APY-L00888009-0004 2 1 ARA-APY-L00888009-

0003 2 1 No No 1 0 Circuit 1 A1 No
1 LA 110.Wir 25 ARA-APY-L00888009-0004 2 2 ARA-APY-L00888009-
0003 2 2 No No 2 0 Circuit 1 B1 No
1 LA 110.Wir 25 ARA-APY-L00888009-0004 2 3 ARA-APY-L00888009-
0003 2 3 No No 3 0 Circuit 1 C1 No
2 LA 110.Wir 25 ARA-APY-L00888001-0033 2 1 ARA-APY-L00888001-
0031 21 1 No No 1 0 Circuit 1 A1 No
2 LA 110.Wir 25 ARA-APY-L00888001-0033 2 2 ARA-APY-L00888001-
0031 21 2 No No 2 0 Circuit 1 B1 No
2 LA 110.Wir 25 ARA-APY-L00888001-0033 2 3 ARA-APY-L00888001-
0031 21 3 No No 3 0 Circuit 1 C1 No
3 LA 110.Wir 25 ARA-APY-L00888001-0031 2 1 ARA-APY-L00888001-
0022 21 1 No No 1 0 Circuit 1 A1 No
3 LA 110.Wir 25 ARA-APY-L00888001-0031 2 2 ARA-APY-L00888001-
0022 21 2 No No 2 0 Circuit 1 B1 No
3 LA 110.Wir 25 ARA-APY-L00888001-0031 2 3 ARA-APY-L00888001-
0022 21 3 No No 3 0 Circuit 1 C1 No
4 LA 110.Wir 25 ARA-APY-L00888001-0022 2 1 ARA-APY-L00888001-
0021 21 1 No No 1 0 Circuit 1 A1 No
4 LA 110.Wir 25 ARA-APY-L00888001-0022 2 2 ARA-APY-L00888001-
0021 21 2 No No 2 0 Circuit 1 B1 No
4 LA 110.Wir 25 ARA-APY-L00888001-0022 2 3 ARA-APY-L00888001-
0021 21 3 No No 3 0 Circuit 1 C1 No
5 LA 110.Wir 25 ARA-APY-L00888001-0021 2 1 ARA-APY-L00888001-
0020 21 1 No No 1 0 Circuit 1 A1 No
5 LA 110.Wir 25 ARA-APY-L00888001-0021 2 2 ARA-APY-L00888001-
0020 21 2 No No 2 0 Circuit 1 B1 No
5 LA 110.Wir 25 ARA-APY-L00888001-0021 2 3 ARA-APY-L00888001-
0020 21 3 No No 3 0 Circuit 1 C1 No
6 LA 110.Wir 25 ARA-APY-L00888001-0020 2 1 ARA-APY-L00888001-
0019 21 1 No No 1 0 Circuit 1 A1 No
6 LA 110.Wir 25 ARA-APY-L00888001-0020 2 2 ARA-APY-L00888001-
0019 21 2 No No 2 0 Circuit 1 B1 No
6 LA 110.Wir 25 ARA-APY-L00888001-0020 2 3 ARA-APY-L00888001-
0019 21 3 No No 3 0 Circuit 1 C1 No
7 LA 110.Wir 25 ARA-APY-L00888001-0019 2 1 ARA-APY-L00888001-
0016 21 1 No No 1 0 Circuit 1 A1 No
7 LA 110.Wir 25 ARA-APY-L00888001-0019 2 2 ARA-APY-L00888001-
0016 21 2 No No 2 0 Circuit 1 B1 No
7 LA 110.Wir 25 ARA-APY-L00888001-0019 2 3 ARA-APY-L00888001-
0016 21 3 No No 3 0 Circuit 1 C1 No
8 LA 110.Wir 25 ARA-APY-L00888001-0016 2 1 ARA-APY-L00888001-
0013 21 1 No No 1 0 Circuit 1 A1 No
8 LA 110.Wir 25 ARA-APY-L00888001-0016 2 2 ARA-APY-L00888001-

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0013    21     2         No           No                    2         0   Circuit 1    B1      No
        8        LA 110.Wir      25            ARA-APY-L00888001-0016     2     3           ARA-APY-L00888001-
0013    21     3         No           No                    3         0   Circuit 1    C1      No
        9        LA 110.Wir      25            ARA-APY-L00888001-0013     2     1           ARA-APY-L00888001-
0008    21     1         No           No                    1         0   Circuit 1    A1      No
        9        LA 110.Wir      25            ARA-APY-L00888001-0013     2     2           ARA-APY-L00888001-
0008    21     2         No           No                    2         0   Circuit 1    B1      No
        9        LA 110.Wir      25            ARA-APY-L00888001-0013     2     3           ARA-APY-L00888001-
0008    21     3         No           No                    3         0   Circuit 1    C1      No
       10        LA 110.Wir      25            ARA-APY-L00888001-0008     2     1           ARA-APY-L00888001-
0007    21     1         No           No                    1         0   Circuit 1    A1      No
       10        LA 110.Wir      25            ARA-APY-L00888001-0008     2     2           ARA-APY-L00888001-
0007    21     2         No           No                    2         0   Circuit 1    B1      No
       10        LA 110.Wir      25            ARA-APY-L00888001-0008     2     3           ARA-APY-L00888001-
0007    21     3         No           No                    3         0   Circuit 1    C1      No
       11        LA 110.Wir      25            ARA-APY-L00888001-0007     2     1           ARA-APY-L00888001-
0006D   26     1         No           No                    1         0   Circuit 1    A1      No
       11        LA 110.Wir      25            ARA-APY-L00888001-0007     2     2           ARA-APY-L00888001-
0006D   26     2         No           No                    2         0   Circuit 1    B1      No
       11        LA 110.Wir      25            ARA-APY-L00888001-0007     2     3           ARA-APY-L00888001-
0006D   26     3         No           No                    3         0   Circuit 1    C1      No
       12        LA 110.Wir      25          ARA-APY-L00888001-0006D      2     1           ARA-APY-L00888001-
0005D   21     1         No           No                    1         0   Circuit 1    A1      No
       12        LA 110.Wir      25          ARA-APY-L00888001-0006D      2     2           ARA-APY-L00888001-
0005D   21     2         No           No                    2         0   Circuit 1    B1      No
       12        LA 110.Wir      25          ARA-APY-L00888001-0006D      2     3           ARA-APY-L00888001-
0005D   21     3         No           No                    3         0   Circuit 1    C1      No
       13        LA 110.Wir      25   ARA-APY-L00887002-0009_NUEVO_1      2     1           ARA-APY-L00887002-
0009    2      1         No           No                    1         0   Circuit 1    A1      No
       13        LA 110.Wir      25    ARA-APY-L00887002-0009_NUEVO_1     2     2           ARA-APY-L00887002-
0009    2      2         No           No                    2         0   Circuit 1    B1      No
       13        LA 110.Wir      25    ARA-APY-L00887002-0009_NUEVO_1     2     3           ARA-APY-L00887002-
0009    2      3         No           No                    3         0   Circuit 1    C1      No
       14        LA 110.Wir      25          ARA-APY-L00888001-0005D      2     1           ARA-APY-L00888001-
0004d   21     1         No           No                    1         0   Circuit 1    A1      No
       14        LA 110.Wir      25          ARA-APY-L00888001-0005D      2     2           ARA-APY-L00888001-
0004d   21     2         No           No                    2         0   Circuit 1    B1      No
       14        LA 110.Wir      25          ARA-APY-L00888001-0005D      2     3           ARA-APY-L00888001-
0004d   21     3         No           No                    3         0   Circuit 1    C1      No
       15        LA 110.Wir      25          ARA-APY-L00888001-0004d      2     1           ARA-APY-L00888001-
0003D   21     1         No           No                    1         0   Circuit 1    A1      No
       15        LA 110.Wir      25          ARA-APY-L00888001-0004d      2     2           ARA-APY-L00888001-
0003D   21     2         No           No                    2         0   Circuit 1    B1      No
       15        LA 110.Wir      25          ARA-APY-L00888001-0004d      2     3           ARA-APY-L00888001-
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0003D    21     3         No          No                    3         0   Circuit 1    C1      No
      16          LA 110.Wir      25          ARA-APY-L00888001-0003D     2     1           ARA-APY-L00887001-
000D     2     1         No          No                    1         0   Circuit 1    A1      No
      16          LA 110.Wir      25          ARA-APY-L00888001-0003D     2     2           ARA-APY-L00887001-
000D     2     2         No          No                    2         0   Circuit 1    B1      No
      16          LA 110.Wir      25          ARA-APY-L00888001-0003D     2     3           ARA-APY-L00887001-
000D     2     3         No          No                    3         0   Circuit 1    C1      No
      17          LA 110.Wir      25           ARA-APY-L00888009-0001     3     1           ARA-APY-L00888010-
001B     2     1         No          No                    1         0                       No
      17          LA 110.Wir      25           ARA-APY-L00888009-0001     3     2           ARA-APY-L00888010-
001B     2     2         No          No                    2         0                       No
      17          LA 110.Wir      25           ARA-APY-L00888009-0001     3     3           ARA-APY-L00888010-
001B     2     3         No          No                    3         0                       No
      18          LA 110.Wir      25           ARA-APY-L00888001-0020     3     1           ARA-APY-L00888007-
0001     2     1         No          No                    1         0   Circuit 1    A1      No
      18          LA 110.Wir      25           ARA-APY-L00888001-0020     3     2           ARA-APY-L00888007-
0001     2     2         No          No                    2         0   Circuit 1    B1      No
      18          LA 110.Wir      25           ARA-APY-L00888001-0020     3     3           ARA-APY-L00888007-
0001     2     3         No          No                    3         0   Circuit 1    C1      No
      19          LA 110.Wir      25           ARA-APY-L00888001-0016     3     1           ARA-APY-L00888005-
0001     2     1         No          No                    1         0   Circuit 1    A1      No
      19          LA 110.Wir      25           ARA-APY-L00888001-0016     3     2           ARA-APY-L00888005-
0001     2     2         No          No                    2         0   Circuit 1    B1      No
      19          LA 110.Wir      25           ARA-APY-L00888001-0016     3     3           ARA-APY-L00888005-
0001     2     3         No          No                    3         0   Circuit 1    C1      No
      20          LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1     3     1    ARA-APY-L00888010-0011_NUEVO_
2     2     1         No          No                    1         0   Circuit 1    A1      No
      20          LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1     3     2    ARA-APY-L00888010-0011_NUEVO_
2     2     2         No          No                    2         0   Circuit 1    B1      No
      20          LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1     3     3    ARA-APY-L00888010-0011_NUEVO_
2     2     3         No          No                    3         0   Circuit 1    C1      No
      21          LA 110.Wir      25           ARA-APY-L00888001-0036     3     1           ARA-APY-L00888001-
0037     2     1         No          No                    1         0   Circuit 1    A1      No
      21          LA 110.Wir      25           ARA-APY-L00888001-0036     3     2           ARA-APY-L00888001-
0037     2     2         No          No                    2         0   Circuit 1    B1      No
      21          LA 110.Wir      25           ARA-APY-L00888001-0036     3     3           ARA-APY-L00888001-
0037     2     3         No          No                    3         0   Circuit 1    C1      No
      22          LA 110.Wir      25           ARA-APY-L00888011-0036     3     1           ARA-APY-L00888011-
0001     2     1         No          No                    1         0   Circuit 1    A1      No
      22          LA 110.Wir      25           ARA-APY-L00888011-0036     3     2           ARA-APY-L00888011-
0001     2     2         No          No                    2         0   Circuit 1    B1      No
      22          LA 110.Wir      25           ARA-APY-L00888011-0036     3     3           ARA-APY-L00888011-
0001     2     3         No          No                    3         0   Circuit 1    C1      No
      23          LA 110.Wir      25           ARA-APY-L00888003-0004     3     1    ARA-APY-L00888003-0004_NUEVO_
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1     2     1          No           No                    1          0   Circuit 1    A1      No
      23          LA 110.Wir      25          ARA-APY-L00888003-0004     3     2    ARA-APY-L00888003-0004_NUEVO_
1     2     2          No           No                    2          0   Circuit 1    B1      No
      23          LA 110.Wir      25          ARA-APY-L00888003-0004     3     3    ARA-APY-L00888003-0004_NUEVO_
1     2     3          No           No                    3          0   Circuit 1    C1      No
      24          LA 110.Wir      25          ARA-APY-L00888001-0005D    3     1   ARA-APY-L00888001-0005D_NUEVO_
1     2     1          No           No                    1          0   Circuit 1    A1      No
      24          LA 110.Wir      25          ARA-APY-L00888001-0005D    3     2   ARA-APY-L00888001-0005D_NUEVO_
1     2     2          No           No                    2          0   Circuit 1    B1      No
      24          LA 110.Wir      25          ARA-APY-L00888001-0005D    3     3   ARA-APY-L00888001-0005D_NUEVO_
1     2     3          No           No                    3          0   Circuit 1    C1      No
      25          LA 110.Wir      25          ARA-APY-L00888001-0003D    3     1                    L00888019-
002     2     1          No           No                    1          0   Circuit 1    A1      No
      25          LA 110.Wir      25          ARA-APY-L00888001-0003D    3     2                    L00888019-
002     2     2          No           No                    2          0   Circuit 1    B1      No
      25          LA 110.Wir      25          ARA-APY-L00888001-0003D    3     3                    L00888019-
002     2     3          No           No                    3          0   Circuit 1    C1      No
      26          LA 110.Wir      25          ARA-APY-L00888001-0006D    4     1           ARA-APY-L00888002-
0002     2     1          No           No                    1          0   Circuit 1    A1      No
      26          LA 110.Wir      25          ARA-APY-L00888001-0006D    4     2           ARA-APY-L00888002-
0002     2     2          No           No                    2          0   Circuit 1    B1      No
      26          LA 110.Wir      25          ARA-APY-L00888001-0006D    4     3           ARA-APY-L00888002-
0002     2     3          No           No                    3          0   Circuit 1    C1      No
      27          LA 110.Wir      25          ARA-APY-L00888009-0003    21     1           ARA-APY-L00888009-
0002     2     1          No           No                    1          0   Circuit 1    A1      No
      27          LA 110.Wir      25          ARA-APY-L00888009-0003    21     2           ARA-APY-L00888009-
0002     2     2          No           No                    2          0   Circuit 1    B1      No
      27          LA 110.Wir      25          ARA-APY-L00888009-0003    21     3           ARA-APY-L00888009-
0002     2     3          No           No                    3          0   Circuit 1    C1      No
      28          LA 110.Wir      25          ARA-APY-L00888009-0002    21     1           ARA-APY-L00888009-
0001     2     1          No           No                    1          0   Circuit 1    A1      No
      28          LA 110.Wir      25          ARA-APY-L00888009-0002    21     2           ARA-APY-L00888009-
0001     2     2          No           No                    2          0   Circuit 1    B1      No
      28          LA 110.Wir      25          ARA-APY-L00888009-0002    21     3           ARA-APY-L00888009-
0001     2     3          No           No                    3          0   Circuit 1    C1      No
      29          LA 110.Wir      25          ARA-APY-L00888009-0001    21     1           ARA-APY-L00888001-
0033     3     1          No           No                    1          0   Circuit 1    A1      No
      29          LA 110.Wir      25          ARA-APY-L00888009-0001    21     2           ARA-APY-L00888001-
0033     3     2          No           No                    2          0   Circuit 1    B1      No
      29          LA 110.Wir      25          ARA-APY-L00888009-0001    21     3           ARA-APY-L00888001-
0033     3     3          No           No                    3          0   Circuit 1    C1      No
      30          LA 110.Wir      25          ARA-APY-L00888001-0033    21     1          ARA-APY-L00888001-
0033B     2     1          No           No                    1          0   Circuit 1    A1      No
      30          LA 110.Wir      25          ARA-APY-L00888001-0033    21     2          ARA-APY-L00888001-
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0033B     2     2          No           No                    2          0   Circuit 1    B1      No
      30          LA 110.Wir      25            ARA-APY-L00888001-0033    21     3           ARA-APY-L00888001-
0033B     2     3          No           No                    3          0   Circuit 1    C1      No
      31          LA 110.Wir      25           ARA-APY-L00888001-0006D    21     1            ARA-APY-L00888003-
00C1      2     1          No           No                    1          0   Circuit 1    A1      No
      31          LA 110.Wir      25           ARA-APY-L00888001-0006D    21     2            ARA-APY-L00888003-
00C1      2     2          No           No                    2          0   Circuit 1    B1      No
      31          LA 110.Wir      25           ARA-APY-L00888001-0006D    21     3            ARA-APY-L00888003-
00C1      2     3          No           No                    3          0   Circuit 1    C1      No
      32          LA 110.Wir      25            ARA-APY-L00888002-0002    21     1    ARA-APY-L00888002-0002_NUEVO_
1     2     1          No           No                    1          0   Circuit 1    A1      No
      32          LA 110.Wir      25            ARA-APY-L00888002-0002    21     2    ARA-APY-L00888002-0002_NUEVO_
1     2     2          No           No                    2          0   Circuit 1    B1      No
      32          LA 110.Wir      25            ARA-APY-L00888002-0002    21     3    ARA-APY-L00888002-0002_NUEVO_
1     2     3          No           No                    3          0   Circuit 1    C1      No
      33          LA 110.Wir      25            ARA-APY-L00888010-001B    21     1            ARA-APY-L00888010-
0001      2     1          No           No                    1          0   Circuit 1    A1      No
      33          LA 110.Wir      25            ARA-APY-L00888010-001B    21     2            ARA-APY-L00888010-
0001      2     2          No           No                    2          0   Circuit 1    B1      No
      33          LA 110.Wir      25            ARA-APY-L00888010-001B    21     3            ARA-APY-L00888010-
0001      2     3          No           No                    3          0   Circuit 1    C1      No
      34          LA 110.Wir      25            ARA-APY-L00888010-0001    21     1            ARA-APY-L00888010-
0003      2     1          No           No                    1          0   Circuit 1    A1      No
      34          LA 110.Wir      25            ARA-APY-L00888010-0001    21     2            ARA-APY-L00888010-
0003      2     2          No           No                    2          0   Circuit 1    B1      No
      34          LA 110.Wir      25            ARA-APY-L00888010-0001    21     3            ARA-APY-L00888010-
0003      2     3          No           No                    3          0   Circuit 1    C1      No
      35          LA 110.Wir      25            ARA-APY-L00888010-0003    21     1            ARA-APY-L00888010-
0005      2     1          No           No                    1          0   Circuit 1    A1      No
      35          LA 110.Wir      25            ARA-APY-L00888010-0003    21     2            ARA-APY-L00888010-
0005      2     2          No           No                    2          0   Circuit 1    B1      No
      35          LA 110.Wir      25            ARA-APY-L00888010-0003    21     3            ARA-APY-L00888010-
0005      2     3          No           No                    3          0   Circuit 1    C1      No
      36          LA 110.Wir      25            ARA-APY-L00888010-0005    21     1            ARA-APY-L00888010-
0007      2     1          No           No                    1          0   Circuit 1    A1      No
      36          LA 110.Wir      25            ARA-APY-L00888010-0005    21     2            ARA-APY-L00888010-
0007      2     2          No           No                    2          0   Circuit 1    B1      No
      36          LA 110.Wir      25            ARA-APY-L00888010-0005    21     3            ARA-APY-L00888010-
0007      2     3          No           No                    3          0   Circuit 1    C1      No
      37          LA 110.Wir      25            ARA-APY-L00888010-0007    21     1            ARA-APY-L00888010-
0008      2     1          No           No                    1          0   Circuit 1    A1      No
      37          LA 110.Wir      25            ARA-APY-L00888010-0007    21     2            ARA-APY-L00888010-
0008      2     2          No           No                    2          0   Circuit 1    B1      No
      37          LA 110.Wir      25            ARA-APY-L00888010-0007    21     3            ARA-APY-L00888010-
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0008     2     3         No          No                    3         0   Circuit 1    C1      No
      38         LA 110.Wir      25            ARA-APY-L00888010-0008    21     1            ARA-APY-L00888010-
0011     2     1         No          No                    1         0   Circuit 1    A1      No
      38         LA 110.Wir      25            ARA-APY-L00888010-0008    21     2            ARA-APY-L00888010-
0011     2     2         No          No                    2         0   Circuit 1    B1      No
      38         LA 110.Wir      25            ARA-APY-L00888010-0008    21     3            ARA-APY-L00888010-
0011     2     3         No          No                    3         0   Circuit 1    C1      No
      39         LA 110.Wir      25            ARA-APY-L00888010-0011    21     1    ARA-APY-L00888010-0011_NUEVO_
1     2     1         No          No                    1         0   Circuit 1    A1      No
      39         LA 110.Wir      25            ARA-APY-L00888010-0011    21     2    ARA-APY-L00888010-0011_NUEVO_
1     2     2         No          No                    2         0   Circuit 1    B1      No
      39         LA 110.Wir      25            ARA-APY-L00888010-0011    21     3    ARA-APY-L00888010-0011_NUEVO_
1     2     3         No          No                    3         0   Circuit 1    C1      No
      40         LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1    21     1            ARA-APY-L00888010-
0013     2     1         No          No                    1         0   Circuit 1    A1      No
      40         LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1    21     2            ARA-APY-L00888010-
0013     2     2         No          No                    2         0   Circuit 1    B1      No
      40         LA 110.Wir      25    ARA-APY-L00888010-0011_NUEVO_1    21     3            ARA-APY-L00888010-
0013     2     3         No          No                    3         0   Circuit 1    C1      No
      41         LA 110.Wir      25            ARA-APY-L00888010-0013    21     1            ARA-APY-L00888010-
0014     2     1         No          No                    1         0   Circuit 1    A1      No
      41         LA 110.Wir      25            ARA-APY-L00888010-0013    21     2            ARA-APY-L00888010-
0014     2     2         No          No                    2         0   Circuit 1    B1      No
      41         LA 110.Wir      25            ARA-APY-L00888010-0013    21     3            ARA-APY-L00888010-
0014     2     3         No          No                    3         0   Circuit 1    C1      No
      42         LA 110.Wir      25            ARA-APY-L00888010-0014    21     1            ARA-APY-L00888010-
0015     2     1         No          No                    1         0   Circuit 1    A1      No
      42         LA 110.Wir      25            ARA-APY-L00888010-0014    21     2            ARA-APY-L00888010-
0015     2     2         No          No                    2         0   Circuit 1    B1      No
      42         LA 110.Wir      25            ARA-APY-L00888010-0014    21     3            ARA-APY-L00888010-
0015     2     3         No          No                    3         0   Circuit 1    C1      No
      43         LA 110.Wir      25          ARA-APY-L00888001-0033B     21     1            ARA-APY-L00888001-
0036     2     1         No          No                    1         0   Circuit 1    A1      No
      43         LA 110.Wir      25          ARA-APY-L00888001-0033B     21     2            ARA-APY-L00888001-
0036     2     2         No          No                    2         0   Circuit 1    B1      No
      43         LA 110.Wir      25          ARA-APY-L00888001-0033B     21     3            ARA-APY-L00888001-
0036     2     3         No          No                    3         0   Circuit 1    C1      No
      44         LA 110.Wir      25           ARA-APY-L00888001-0036     21     1            ARA-APY-L00888011-
0036     2     1         No          No                    1         0   Circuit 1    A1      No
      44         LA 110.Wir      25           ARA-APY-L00888001-0036     21     2            ARA-APY-L00888011-
0036     2     2         No          No                    2         0   Circuit 1    B1      No
      44         LA 110.Wir      25           ARA-APY-L00888001-0036     21     3            ARA-APY-L00888011-
0036     2     3         No          No                    3         0   Circuit 1    C1      No
      45         LA 110.Wir      25           ARA-APY-L00888011-0036     21     1            ARA-APY-L00888012-
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0037     2     1          No           No                    1          0   Circuit 1    A1      No
      45          LA 110.Wir      25          ARA-APY-L00888011-0036    21     2            ARA-APY-L00888012-
0037     2     2          No           No                    2          0   Circuit 1    B1      No
      45          LA 110.Wir      25          ARA-APY-L00888011-0036    21     3            ARA-APY-L00888012-
0037     2     3          No           No                    3          0   Circuit 1    C1      No
      46          LA 110.Wir      25          ARA-APY-L00888001-0037    21     1            ARA-APY-L00888001-
0041     2     1          No           No                    1          0   Circuit 1    A1      No
      46          LA 110.Wir      25          ARA-APY-L00888001-0037    21     2            ARA-APY-L00888001-
0041     2     2          No           No                    2          0   Circuit 1    B1      No
      46          LA 110.Wir      25          ARA-APY-L00888001-0037    21     3            ARA-APY-L00888001-
0041     2     3          No           No                    3          0   Circuit 1    C1      No
      47          LA 110.Wir      25          ARA-APY-L00888001-0041    21     1            ARA-APY-L00888001-
0042     2     1          No           No                    1          0   Circuit 1    A1      No
      47          LA 110.Wir      25          ARA-APY-L00888001-0041    21     2            ARA-APY-L00888001-
0042     2     2          No           No                    2          0   Circuit 1    B1      No
      47          LA 110.Wir      25          ARA-APY-L00888001-0041    21     3            ARA-APY-L00888001-
0042     2     3          No           No                    3          0   Circuit 1    C1      No
      48          LA 110.Wir      25          ARA-APY-L00888001-0042    21     1     ARA-APY-L00888001-0042
_NUEVO     2     1          No           No                    1          0   Circuit 1    A1      No
      48          LA 110.Wir      25          ARA-APY-L00888001-0042    21     2     ARA-APY-L00888001-0042
_NUEVO     2     2          No           No                    2          0   Circuit 1    B1      No
      48          LA 110.Wir      25          ARA-APY-L00888001-0042    21     3     ARA-APY-L00888001-0042
_NUEVO     2     3          No           No                    3          0   Circuit 1    C1      No
      49          LA 110.Wir      25          ARA-APY-L00888007-0001    21     1            ARA-APY-L00888007-
0004     2     1          No           No                    1          0   Circuit 1    A1      No
      49          LA 110.Wir      25          ARA-APY-L00888007-0001    21     2            ARA-APY-L00888007-
0004     2     2          No           No                    2          0   Circuit 1    B1      No
      49          LA 110.Wir      25          ARA-APY-L00888007-0001    21     3            ARA-APY-L00888007-
0004     2     3          No           No                    3          0   Circuit 1    C1      No
      50          LA 110.Wir      25          ARA-APY-L00888007-0004    21     1            ARA-APY-L00888007-
0011     2     1          No           No                    1          0   Circuit 1    A1      No
      50          LA 110.Wir      25          ARA-APY-L00888007-0004    21     2            ARA-APY-L00888007-
0011     2     2          No           No                    2          0   Circuit 1    B1      No
      50          LA 110.Wir      25          ARA-APY-L00888007-0004    21     3            ARA-APY-L00888007-
0011     2     3          No           No                    3          0   Circuit 1    C1      No
      51          LA 110.Wir      25          ARA-APY-L00888007-0011    21     1            ARA-APY-L00888007-
0017     2     1          No           No                    1          0   Circuit 1    A1      No
      51          LA 110.Wir      25          ARA-APY-L00888007-0011    21     2            ARA-APY-L00888007-
0017     2     2          No           No                    2          0   Circuit 1    B1      No
      51          LA 110.Wir      25          ARA-APY-L00888007-0011    21     3            ARA-APY-L00888007-
0017     2     3          No           No                    3          0   Circuit 1    C1      No
      52          LA 110.Wir      25          ARA-APY-L00888007-0017    21     1    ARA-APY-L00888007-0017_NUEVO_
1     2     1          No           No                    1          0   Circuit 1    A1      No
      52          LA 110.Wir      25          ARA-APY-L00888007-0017    21     2    ARA-APY-L00888007-0017_NUEVO_
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1     2     2          No           No                    2          0   Circuit 1    B1      No
      52          LA 110.Wir      25          ARA-APY-L00888007-0017    21     3    ARA-APY-L00888007-0017_NUEVO_
1     2     3          No           No                    3          0   Circuit 1    C1      No
      53          LA 110.Wir      25          ARA-APY-L00888005-0001    21     1            ARA-APY-L00888005-
0002      2     1          No           No                    1          0   Circuit 1    A1      No
      53          LA 110.Wir      25          ARA-APY-L00888005-0001    21     2            ARA-APY-L00888005-
0002      2     2          No           No                    2          0   Circuit 1    B1      No
      53          LA 110.Wir      25          ARA-APY-L00888005-0001    21     3            ARA-APY-L00888005-
0002      2     3          No           No                    3          0   Circuit 1    C1      No
      54          LA 110.Wir      25          ARA-APY-L00888005-0002    21     1      ARA-APY-L00888005-0004
_NUEVO      2     1          No           No                    1          0   Circuit 1    A1      No
      54          LA 110.Wir      25          ARA-APY-L00888005-0002    21     2      ARA-APY-L00888005-0004
_NUEVO      2     2          No           No                    2          0   Circuit 1    B1      No
      54          LA 110.Wir      25          ARA-APY-L00888005-0002    21     3      ARA-APY-L00888005-0004
_NUEVO      2     3          No           No                    3          0   Circuit 1    C1      No
      55          LA 110.Wir      25          ARA-APY-L00888003-00C1    21     1            ARA-APY-L00888003-
0002      2     1          No           No                    1          0   Circuit 1    A1      No
      55          LA 110.Wir      25          ARA-APY-L00888003-00C1    21     2            ARA-APY-L00888003-
0002      2     2          No           No                    2          0   Circuit 1    B1      No
      55          LA 110.Wir      25          ARA-APY-L00888003-00C1    21     3            ARA-APY-L00888003-
0002      2     3          No           No                    3          0   Circuit 1    C1      No
      56          LA 110.Wir      25          ARA-APY-L00888003-0002    21     1            ARA-APY-L00888003-
0003      2     1          No           No                    1          0   Circuit 1    A1      No
      56          LA 110.Wir      25          ARA-APY-L00888003-0002    21     2            ARA-APY-L00888003-
0003      2     2          No           No                    2          0   Circuit 1    B1      No
      56          LA 110.Wir      25          ARA-APY-L00888003-0002    21     3            ARA-APY-L00888003-
0003      2     3          No           No                    3          0   Circuit 1    C1      No
      57          LA 110.Wir      25          ARA-APY-L00888003-0003    21     1            ARA-APY-L00888003-
0004      2     1          No           No                    1          0   Circuit 1    A1      No
      57          LA 110.Wir      25          ARA-APY-L00888003-0003    21     2            ARA-APY-L00888003-
0004      2     2          No           No                    2          0   Circuit 1    B1      No
      57          LA 110.Wir      25          ARA-APY-L00888003-0003    21     3            ARA-APY-L00888003-
0004      2     3          No           No                    3          0   Circuit 1    C1      No
      58          LA 110.Wir      25                   L00888019-002    21     1              L00888019-002_NUEVO_
1     2     1          No           No                    1          0   Circuit 1    A1      No
      58          LA 110.Wir      25                   L00888019-002    21     2              L00888019-002_NUEVO_
1     2     2          No           No                    2          0   Circuit 1    B1      No
      58          LA 110.Wir      25                   L00888019-002    21     3              L00888019-002_NUEVO_
1     2     3          No           No                    3          0   Circuit 1    C1      No
      59          LA 110.Wir      25          L00888019-002_NUEVO_1    21     1
TERRENO     2     1          No           No                    1          0   Circuit 1    A1      No
      59          LA 110.Wir      25          L00888019-002_NUEVO_1    21     2
TERRENO     2     2          No           No                    2          0   Circuit 1    B1      No
      59          LA 110.Wir      25          L00888019-002_NUEVO_1    21     3
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TERRENO     2     3         No          No                    3         0   Circuit 1    C1      No
      60          LA 110.Wir      25   ARA-APY-L00888001-0005D_NUEVO_1    21     1           ARA-APY-L00887002-
0002     2     1         No          No                    1         0   Circuit 1    A1      No
      60          LA 110.Wir      25   ARA-APY-L00888001-0005D_NUEVO_1    21     2           ARA-APY-L00887002-
0002     2     2         No          No                    2         0   Circuit 1    B1      No
      60          LA 110.Wir      25   ARA-APY-L00888001-0005D_NUEVO_1    21     3           ARA-APY-L00887002-
0002     2     3         No          No                    3         0   Circuit 1    C1      No
      61          LA 110.Wir      25            ARA-APY-L00887002-0002    21     1           ARA-APY-L00887002-
0003     2     1         No          No                    1         0   Circuit 1    A1      No
      61          LA 110.Wir      25            ARA-APY-L00887002-0002    21     2           ARA-APY-L00887002-
0003     2     2         No          No                    2         0   Circuit 1    B1      No
      61          LA 110.Wir      25            ARA-APY-L00887002-0002    21     3           ARA-APY-L00887002-
0003     2     3         No          No                    3         0   Circuit 1    C1      No
      62          LA 110.Wir      25            ARA-APY-L00887002-0003    21     1           ARA-APY-L00887002-
0004     2     1         No          No                    1         0   Circuit 1    A1      No
      62          LA 110.Wir      25            ARA-APY-L00887002-0003    21     2           ARA-APY-L00887002-
0004     2     2         No          No                    2         0   Circuit 1    B1      No
      62          LA 110.Wir      25            ARA-APY-L00887002-0003    21     3           ARA-APY-L00887002-
0004     2     3         No          No                    3         0   Circuit 1    C1      No
      63          LA 110.Wir      25            ARA-APY-L00887002-0004    21     1           ARA-APY-L00887002-
0005     2     1         No          No                    1         0   Circuit 1    A1      No
      63          LA 110.Wir      25            ARA-APY-L00887002-0004    21     2           ARA-APY-L00887002-
0005     2     2         No          No                    2         0   Circuit 1    B1      No
      63          LA 110.Wir      25            ARA-APY-L00887002-0004    21     3           ARA-APY-L00887002-
0005     2     3         No          No                    3         0   Circuit 1    C1      No
      64          LA 110.Wir      25            ARA-APY-L00887002-0005    21     1           ARA-APY-L00887002-
0007     2     1         No          No                    1         0   Circuit 1    A1      No
      64          LA 110.Wir      25            ARA-APY-L00887002-0005    21     2           ARA-APY-L00887002-
0007     2     2         No          No                    2         0   Circuit 1    B1      No
      64          LA 110.Wir      25            ARA-APY-L00887002-0005    21     3           ARA-APY-L00887002-
0007     2     3         No          No                    3         0   Circuit 1    C1      No
      65          LA 110.Wir      25            ARA-APY-L00887002-0007    21     1           ARA-APY-L00887002-
0008     2     1         No          No                    1         0   Circuit 1    A1      No
      65          LA 110.Wir      25            ARA-APY-L00887002-0007    21     2           ARA-APY-L00887002-
0008     2     2         No          No                    2         0   Circuit 1    B1      No
      65          LA 110.Wir      25            ARA-APY-L00887002-0007    21     3           ARA-APY-L00887002-
0008     2     3         No          No                    3         0   Circuit 1    C1      No
      66          LA 110.Wir      25           ARA-APY-L00888001-0006D    25     1          ARA-APY-L00888001-
0005D    26     1         No          No                    1         0   Circuit 2    A2      No
      66          LA 110.Wir      25           ARA-APY-L00888001-0006D    25     2          ARA-APY-L00888001-
0005D    26     2         No          No                    2         0   Circuit 2    B2      No
      66          LA 110.Wir      25           ARA-APY-L00888001-0006D    25     3          ARA-APY-L00888001-
0005D    26     3         No          No                    3         0   Circuit 2    C2      No
      67          LA 110.Wir      25           ARA-APY-L00888001-0005D    25     1          ARA-APY-L00888001-
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0004d 26 1 No No 1 0 Circuit 2 A2 No
67 LA 110.Wir 25 ARA-APY-L00888001-0005D 25 2 ARA-APY-L00888001-
0004d 26 2 No No 2 0 Circuit 2 B2 No
67 LA 110.Wir 25 ARA-APY-L00888001-0005D 25 3 ARA-APY-L00888001-
0004d 26 3 No No 3 0 Circuit 2 C2 No
68 LA 110.Wir 25 ARA-APY-L00888001-0004d 25 1 ARA-APY-L00887001-
000D 25 1 No No 1 0 Circuit 2 A2 No
68 LA 110.Wir 25 ARA-APY-L00888001-0004d 25 2 ARA-APY-L00887001-
000D 25 2 No No 2 0 Circuit 2 B2 No
68 LA 110.Wir 25 ARA-APY-L00888001-0004d 25 3 ARA-APY-L00887001-
000D 25 3 No No 3 0 Circuit 2 C2 No

Section Sagging Data

Circuit	Sec. No.	Cable File Name	From Str.	To Str.	Voltage (kV)	Ruling Span (m)	Sagging Data: Condition	Temp. (deg C)	Catenary Constant (m)	Horiz. Tension (N)	Weather Case	Display: Condition	Catenary Constant (m)
Circuit 1	1	LA 110.Wir	ARA-APY-L00888009-0004	ARA-APY-L00888009-0003	25	71.8	Initial RS	15.0	976.5	4146.3	13.95_(C)_SurveyedTemp	Creep FE	649.3
Circuit 1	2	LA 110.Wir	ARA-APY-L00888001-0033	ARA-APY-L00888001-0031	25	173.6	Initial RS	15.0	1319.7	5603.6	13.95_(C)_SurveyedTemp	Creep FE	1164.9
Circuit 1	3	LA 110.Wir	ARA-APY-L00888001-0031	ARA-APY-L00888001-0022	25	220.7	Initial RS	15.0	1159.5	4923.5	13.95_(C)_SurveyedTemp	Creep FE	1167.2
Circuit 1	4	LA 110.Wir	ARA-APY-L00888001-0022	ARA-APY-L00888001-0021	25	113.5	Initial RS	15.0	1679.4	7130.9	13.95_(C)_SurveyedTemp	Creep FE	998.6
Circuit 1	5	LA 110.Wir	ARA-APY-L00888001-0021	ARA-APY-L00888001-0020	25	162.3	Initial RS	15.0	1468.8	6236.8	13.95_(C)_SurveyedTemp	Creep FE	1167.5
Circuit 1	6	LA 110.Wir	ARA-APY-L00888001-0020	ARA-APY-L00888001-0019	25	120.2	Initial RS	15.0	990.2	4204.6	13.95_(C)_SurveyedTemp	Creep FE	1021.3
Circuit 1	7	LA 110.Wir	ARA-APY-L00888001-0019	ARA-APY-L00888001-0016	25	212.6	Initial RS	15.0	1335.2	5669.7	13.95_(C)_SurveyedTemp	Creep FE	1249.2
Circuit 1	8	LA 110.Wir	ARA-APY-L00888001-0016	ARA-APY-L00888001-0013	25	264.3	Initial RS	15.0	1342.6	5700.8	13.95_(C)_SurveyedTemp	Creep FE	1310.1
Circuit 1	9	LA 110.Wir	ARA-APY-L00888001-0013	ARA-APY-L00888001-0008	25	220.5	Initial RS	15.0	1336.6	5675.5	13.95_(C)_SurveyedTemp	Creep FE	1250.9
Circuit 1	10	LA 110.Wir	ARA-APY-L00888001-0008	ARA-APY-L00888001-0007	25	96.5							

Initial RS	15.0	640.6	2720.1	13.95_(C)_SurveyedTemp	Creep FE	559.2				
Circuit 1	11 LA 110.Wir		ARA-APY-L00888001-0007		ARA-APY-L00888001-0006D			25	63.4	
Initial RS	15.0	636.0	2700.6	13.95_(C)_SurveyedTemp	Creep FE	372.8				
Circuit 1	12 LA 110.Wir		ARA-APY-L00888001-0006D		ARA-APY-L00888001-0005D			25	89.2	
Initial RS	15.0	1114.7	4733.1	13.95_(C)_SurveyedTemp	Creep FE	919.1				
Circuit 1	13 LA 110.Wir		ARA-APY-L00887002-0009_NUEVO_1		ARA-APY-L00887002-0009			25	16.8	
Initial RS	15.0	438.3	1861.2	13.95_(C)_SurveyedTemp	Creep FE	335.9				
Circuit 1	14 LA 110.Wir		ARA-APY-L00888001-0005D		ARA-APY-L00888001-0004d			25	88.6	
Initial RS	15.0	385.2	1635.8	13.95_(C)_SurveyedTemp	Creep FE	736.3				
Circuit 1	15 LA 110.Wir		ARA-APY-L00888001-0004d		ARA-APY-L00888001-0003D			25	165.0	
Initial RS	15.0	1224.5	5199.5	13.95_(C)_SurveyedTemp	Creep FE	1114.7				
Circuit 1	16 LA 110.Wir		ARA-APY-L00888001-0003D		ARA-APY-L00887001-000D			25	145.1	
Initial RS	15.0	1177.8	5001.3	13.95_(C)_SurveyedTemp	Creep FE	1133.3				
	17 LA 110.Wir		ARA-APY-L00888009-0001		ARA-APY-L00888010-001B			25	32.5	
Initial RS	15.0	315.7	1340.5	13.95_(C)_SurveyedTemp	Creep FE	195.8				
Circuit 1	18 LA 110.Wir		ARA-APY-L00888001-0020		ARA-APY-L00888007-0001			25	119.3	
Initial RS	15.0	1059.3	4498.0	13.95_(C)_SurveyedTemp	Creep FE	943.2				
Circuit 1	19 LA 110.Wir		ARA-APY-L00888001-0016		ARA-APY-L00888005-0001			25	152.6	
Initial RS	15.0	953.1	4047.2	13.95_(C)_SurveyedTemp	Creep FE	893.5				
Circuit 1	20 LA 110.Wir		ARA-APY-L00888010-0011_NUEVO_1		ARA-APY-L00888010-0011_NUEVO_2			25	85.6	
Initial RS	15.0	739.4	3139.8	13.95_(C)_SurveyedTemp	Creep FE	716.5				
Circuit 1	21 LA 110.Wir		ARA-APY-L00888001-0036		ARA-APY-L00888001-0037			25	101.9	
Initial RS	15.0	780.6	3314.7	13.95_(C)_SurveyedTemp	Creep FE	680.0				
Circuit 1	22 LA 110.Wir		ARA-APY-L00888011-0036		ARA-APY-L00888011-0001			25	5.3	
Initial RS	15.0	450.2	1911.7	13.95_(C)_SurveyedTemp	Creep FE	263.4				
Circuit 1	23 LA 110.Wir		ARA-APY-L00888003-0004		ARA-APY-L00888003-0004_NUEVO_1			25	61.4	
Initial RS	15.0	717.5	3046.5	13.95_(C)_SurveyedTemp	Creep FE	605.4				
Circuit 1	24 LA 110.Wir		ARA-APY-L00888001-0005D		ARA-APY-L00888001-0005D_NUEVO_1			25	21.8	
Initial RS	15.0	1187.0	5040.2	13.95_(C)_SurveyedTemp	Creep FE	459.5				
Circuit 1	25 LA 110.Wir		ARA-APY-L00888001-0003D			L00888019-002		25	35.4	
Initial RS	15.0	339.5	1441.5	13.95_(C)_SurveyedTemp	Creep FE	340.0				
Circuit 1	26 LA 110.Wir		ARA-APY-L00888001-0006D		ARA-APY-L00888002-0002			25	67.2	
Initial RS	15.0	808.1	3431.2	13.95_(C)_SurveyedTemp	Creep FE	655.4				
Circuit 1	27 LA 110.Wir		ARA-APY-L00888009-0003		ARA-APY-L00888009-0002			25	157.3	
Initial RS	15.0	775.1	3291.3	13.95_(C)_SurveyedTemp	Creep FE	729.7				
Circuit 1	28 LA 110.Wir		ARA-APY-L00888009-0002		ARA-APY-L00888009-0001			25	152.3	
Initial RS	15.0	831.0	3528.4	13.95_(C)_SurveyedTemp	Creep FE	771.4				
Circuit 1	29 LA 110.Wir		ARA-APY-L00888009-0001		ARA-APY-L00888001-0033			25	123.4	
Initial RS	15.0	798.9	3392.4	13.95_(C)_SurveyedTemp	Creep FE	710.1				
Circuit 1	30 LA 110.Wir		ARA-APY-L00888001-0033		ARA-APY-L00888001-0033B			25	15.8	
Initial RS	15.0	943.5	4006.4	13.95_(C)_SurveyedTemp	Creep FE	1252454.0				
Circuit 1	31 LA 110.Wir		ARA-APY-L00888001-0006D		ARA-APY-L00888003-00C1			25	69.9	
Initial RS	15.0	829.1	3520.6	13.95_(C)_SurveyedTemp	Creep FE	632.6				
Circuit 1	32 LA 110.Wir		ARA-APY-L00888002-0002		ARA-APY-L00888002-0002_NUEVO_1			25	149.1	

Initial RS	15.0	875.8	3718.8	13.95_(C)_SurveyedTemp	Creep FE	796.4			
Circuit 1	33 LA 110.Wir		ARA-APY-L00888010-001B		ARA-APY-L00888010-0001		25	230.4	
Initial RS	15.0	941.5	3997.7	13.95_(C)_SurveyedTemp	Creep FE	895.2			
Circuit 1	34 LA 110.Wir		ARA-APY-L00888010-0001		ARA-APY-L00888010-0003		25	172.8	
Initial RS	15.0	927.1	3936.5	13.95_(C)_SurveyedTemp	Creep FE	845.6			
Circuit 1	35 LA 110.Wir		ARA-APY-L00888010-0003		ARA-APY-L00888010-0005		25	171.1	
Initial RS	15.0	920.2	3907.3	13.95_(C)_SurveyedTemp	Creep FE	895.7			
Circuit 1	36 LA 110.Wir		ARA-APY-L00888010-0005		ARA-APY-L00888010-0007		25	146.4	
Initial RS	15.0	1063.4	4515.5	13.95_(C)_SurveyedTemp	Creep FE	959.0			
Circuit 1	37 LA 110.Wir		ARA-APY-L00888010-0007		ARA-APY-L00888010-0008		25	172.2	
Initial RS	15.0	1183.7	5026.3	13.95_(C)_SurveyedTemp	Creep FE	1062.8			
Circuit 1	38 LA 110.Wir		ARA-APY-L00888010-0008		ARA-APY-L00888010-0011		25	145.1	
Initial RS	15.0	1104.3	4689.2	13.95_(C)_SurveyedTemp	Creep FE	978.8			
Circuit 1	39 LA 110.Wir		ARA-APY-L00888010-0011		ARA-APY-L00888010-0011_NUEVO_1		25	149.1	
Initial RS	15.0	1257.9	5341.3	13.95_(C)_SurveyedTemp	Creep FE	1081.2			
Circuit 1	40 LA 110.Wir		ARA-APY-L00888010-0011_NUEVO_1		ARA-APY-L00888010-0013		25	83.8	
Initial RS	15.0	1564.0	6641.3	13.95_(C)_SurveyedTemp	Creep FE	891.7			
Circuit 1	41 LA 110.Wir		ARA-APY-L00888010-0013		ARA-APY-L00888010-0014		25	104.1	
Initial RS	15.0	1214.0	5154.8	13.95_(C)_SurveyedTemp	Creep FE	961.1			
Circuit 1	42 LA 110.Wir		ARA-APY-L00888010-0014		ARA-APY-L00888010-0015		25	62.6	
Initial RS	15.0	787.9	3345.7	13.95_(C)_SurveyedTemp	Creep FE	576.4			
Circuit 1	43 LA 110.Wir		ARA-APY-L00888001-0033B		ARA-APY-L00888001-0036		25	195.7	
Initial RS	15.0	888.6	3773.2	13.95_(C)_SurveyedTemp	Creep FE	865.1			
Circuit 1	44 LA 110.Wir		ARA-APY-L00888001-0036		ARA-APY-L00888011-0036		25	161.1	
Initial RS	15.0	1141.2	4845.8	13.95_(C)_SurveyedTemp	Creep FE	1024.0			
Circuit 1	45 LA 110.Wir		ARA-APY-L00888011-0036		ARA-APY-L00888012-0037		25	97.8	
Initial RS	15.0	1008.0	4280.4	13.95_(C)_SurveyedTemp	Creep FE	961.1			
Circuit 1	46 LA 110.Wir		ARA-APY-L00888001-0037		ARA-APY-L00888001-0041		25	51.0	
Initial RS	15.0	1420.4	6031.1	13.95_(C)_SurveyedTemp	Creep FE	803.5			
Circuit 1	47 LA 110.Wir		ARA-APY-L00888001-0041		ARA-APY-L00888001-0042		25	19.9	
Initial RS	15.0	823.6	3497.3	13.95_(C)_SurveyedTemp	Creep FE	424.8			
Circuit 1	48 LA 110.Wir		ARA-APY-L00888001-0042		ARA-APY-L00888001-0042_NUEVO		25	166.0	
Initial RS	15.0	856.8	3638.2	13.95_(C)_SurveyedTemp	Creep FE	800.0			
Circuit 1	49 LA 110.Wir		ARA-APY-L00888007-0001		ARA-APY-L00888007-0004		25	150.0	
Initial RS	15.0	1094.8	4648.9	13.95_(C)_SurveyedTemp	Creep FE	973.9			
Circuit 1	50 LA 110.Wir		ARA-APY-L00888007-0004		ARA-APY-L00888007-0011		25	185.2	
Initial RS	15.0	1017.7	4321.2	13.95_(C)_SurveyedTemp	Creep FE	936.7			
Circuit 1	51 LA 110.Wir		ARA-APY-L00888007-0011		ARA-APY-L00888007-0017		25	189.8	
Initial RS	15.0	1005.3	4268.7	13.95_(C)_SurveyedTemp	Creep FE	943.8			
Circuit 1	52 LA 110.Wir		ARA-APY-L00888007-0017		ARA-APY-L00888007-0017_NUEVO_1		25	101.6	
Initial RS	15.0	861.4	3657.6	13.95_(C)_SurveyedTemp	Creep FE	744.3			
Circuit 1	53 LA 110.Wir		ARA-APY-L00888005-0001		ARA-APY-L00888005-0002		25	149.7	
Initial RS	15.0	908.5	3857.7	13.95_(C)_SurveyedTemp	Creep FE	908.8			
Circuit 1	54 LA 110.Wir		ARA-APY-L00888005-0002		ARA-APY-L00888005-0004_NUEVO		25	130.8	

Initial RS	15.0	736.7	3128.1	13.95_(C)_SurveyedTemp	Creep FE	843.6			
Circuit 1	55 LA 110.Wir		ARA-APY-L00888003-00C1			ARA-APY-L00888003-0002		25	131.6
Initial RS	15.0	873.1	3707.2	13.95_(C)_SurveyedTemp	Creep FE	820.5			
Circuit 1	56 LA 110.Wir		ARA-APY-L00888003-0002			ARA-APY-L00888003-0003		25	158.3
Initial RS	15.0	844.8	3587.2	13.95_(C)_SurveyedTemp	Creep FE	839.9			
Circuit 1	57 LA 110.Wir		ARA-APY-L00888003-0003			ARA-APY-L00888003-0004		25	101.8
Initial RS	15.0	659.8	2801.7	13.95_(C)_SurveyedTemp	Creep FE	594.5			
Circuit 1	58 LA 110.Wir		L00888019-002			L00888019-002_NUEVO_1		25	41.7
Initial RS	15.0	751.3	3190.3	13.95_(C)_SurveyedTemp	Creep FE	548.7			
Circuit 1	59 LA 110.Wir		L00888019-002_NUEVO_1			TERRENO		25	70.6
Initial RS	15.0	499.6	2121.6	13.95_(C)_SurveyedTemp	Creep FE	580.6			
Circuit 1	60 LA 110.Wir		ARA-APY-L00888001-0005D_NUEVO_1			ARA-APY-L00887002-0002		25	120.8
Initial RS	15.0	740.3	3143.7	13.95_(C)_SurveyedTemp	Creep FE	666.9			
Circuit 1	61 LA 110.Wir		ARA-APY-L00887002-0002			ARA-APY-L00887002-0003		25	81.8
Initial RS	15.0	776.0	3295.2	13.95_(C)_SurveyedTemp	Creep FE	584.8			
Circuit 1	62 LA 110.Wir		ARA-APY-L00887002-0003			ARA-APY-L00887002-0004		25	156.7
Initial RS	15.0	735.3	3122.3	13.95_(C)_SurveyedTemp	Creep FE	692.3			
Circuit 1	63 LA 110.Wir		ARA-APY-L00887002-0004			ARA-APY-L00887002-0005		25	130.5
Initial RS	15.0	383.6	1629.0	13.95_(C)_SurveyedTemp	Creep FE	378.5			
Circuit 1	64 LA 110.Wir		ARA-APY-L00887002-0005			ARA-APY-L00887002-0007		25	133.3
Initial RS	15.0	445.8	1892.8	13.95_(C)_SurveyedTemp	Creep FE	447.5			
Circuit 1	65 LA 110.Wir		ARA-APY-L00887002-0007			ARA-APY-L00887002-0008		25	106.9
Initial RS	15.0	432.8	1837.9	13.95_(C)_SurveyedTemp	Creep FE	411.2			
Circuit 2	66 LA 110.Wir		ARA-APY-L00888001-0006D			ARA-APY-L00888001-0005D		25	89.3
Initial RS	15.0	557.8	2368.4	13.95_(C)_SurveyedTemp	Creep FE	542.5			
Circuit 2	67 LA 110.Wir		ARA-APY-L00888001-0005D			ARA-APY-L00888001-0004d		25	88.5
Initial RS	15.0	1055.2	4480.5	13.95_(C)_SurveyedTemp	Creep FE	856.6			
Circuit 2	68 LA 110.Wir		ARA-APY-L00888001-0004d			ARA-APY-L00887001-000D		25	151.7
Initial RS	15.0	945.8	4016.1	13.95_(C)_SurveyedTemp	Creep FE	1295.8			

Section Stringing Data

Section Number	Cable Name	Struct. Number	Set Number	Phasing Set Label
1	LA 110.Wir	ARA-APY-L00888009-0004	2	123 Circ1
		ARA-APY-L00888009-0003	2	123 Circ1
2	LA 110.Wir	ARA-APY-L00888001-0033	2	123 Circ1
		ARA-APY-L00888001-0032	2	123 Circ1
		ARA-APY-L00888001-0031	21	123 Circ1
3	LA 110.Wir	ARA-APY-L00888001-0031	2	123 Circ1
		ARA-APY-L00888001-0030	2	123 Circ1
		ARA-APY-L00888001-0029	2	123 Circ1

		ARA-APY-L00888001-0028	2	123	Circ1
		ARA-APY-L00888001-0027	2	123	Circ1
		ARA-APY-L00888001-0026	2	123	Circ1
		ARA-APY-L00888001-0025	2	123	Circ1
		ARA-APY-L00888001-0024	2	123	Circ1
		ARA-APY-L00888001-0023	2	123	Circ1
		ARA-APY-L00888001-0022	21	123	Circ1
4	LA 110.Wir	ARA-APY-L00888001-0022	2	123	Circ1
		ARA-APY-L00888001-0021	21	123	Circ1
5	LA 110.Wir	ARA-APY-L00888001-0021	2	123	Circ1
		ARA-APY-L00888001-0020	21	123	Circ1
6	LA 110.Wir	ARA-APY-L00888001-0020	2	123	Circ1
		ARA-APY-L00888001-0019	21	123	Circ1
7	LA 110.Wir	ARA-APY-L00888001-0019	2	123	Circ1
		ARA-APY-L00888001-0018	2	123	Circ1
		ARA-APY-L00888001-0017	2	123	Circ1
		ARA-APY-L00888001-0016	21	123	Circ1
8	LA 110.Wir	ARA-APY-L00888001-0016	2	123	Circ1
		ARA-APY-L00888001-0015	2	123	Circ1
		ARA-APY-L00888001-0014	2	123	Circ1
		ARA-APY-L00888001-0013	21	123	Circ1
9	LA 110.Wir	ARA-APY-L00888001-0013	2	123	Circ1
		ARA-APY-L00888001-0012	2	123	Circ1
		ARA-APY-L00888001-0011	2	123	Circ1
		ARA-APY-L00888001-0010	2	123	Circ1
		ARA-APY-L00888001-0009	2	123	Circ1
		ARA-APY-L00888001-0008	21	123	Circ1
10	LA 110.Wir	ARA-APY-L00888001-0008	2	123	Circ1
		ARA-APY-L00888001-0007	21	123	Circ1
11	LA 110.Wir	ARA-APY-L00888001-0007	2	123	Circ1
		ARA-APY-L00888001-0006D	26	123	Circ1
12	LA 110.Wir	ARA-APY-L00888001-0006D	2	123	Circ1
		ARA-APY-L00888001-0005D	21	123	Circ1
13	LA 110.Wir	ARA-APY-L00887002-0009_NUEVO_1	2	123	Circ1
		ARA-APY-L00887002-0009	2	123	Circ1
14	LA 110.Wir	ARA-APY-L00888001-0005D	2	123	Circ1
		ARA-APY-L00888001-0004d	21	123	Circ1
15	LA 110.Wir	ARA-APY-L00888001-0004d	2	123	Circ1
		ARA-APY-L00888001-0003D	21	123	Circ1
16	LA 110.Wir	ARA-APY-L00888001-0003D	2	123	Circ1
		ARA-APY-L00888001-0002D	2	123	Circ1
		ARA-APY-L00888001-0001D	2	123	Circ1
		ARA-APY-L00887001-000D	2	123	Circ1
17	LA 110.Wir	ARA-APY-L00888009-0001	3	123	Circ1

		ARA-APY-L00888010-001B	2	123 Circ1
18	LA 110.Wir	ARA-APY-L00888001-0020	3	123 Circ1
		ARA-APY-L00888007-0001	2	123 Circ1
19	LA 110.Wir	ARA-APY-L00888001-0016	3	123 Circ1
		ARA-APY-L00888005-0001	2	123 Circ1
20	LA 110.Wir	ARA-APY-L00888010-0011_NUEVO_1	3	123 Circ1
		ARA-APY-L00888010-0011_NUEVO_2	2	123 Circ1
21	LA 110.Wir	ARA-APY-L00888001-0036	3	123 Circ1
		ARA-APY-L00888001-0037	2	123 Circ1
22	LA 110.Wir	ARA-APY-L00888011-0036	3	123 Circ1
		ARA-APY-L00888011-0001	2	123 Circ1
23	LA 110.Wir	ARA-APY-L00888003-0004	3	123 Circ1
		ARA-APY-L00888003-0004_NUEVO_1	2	123 Circ1
24	LA 110.Wir	ARA-APY-L00888001-0005D	3	123 Circ1
		ARA-APY-L00888001-0005D_NUEVO_1	2	123 Circ1
25	LA 110.Wir	ARA-APY-L00888001-0003D	3	123 Circ1
		L00888019-002	2	123 Circ1
26	LA 110.Wir	ARA-APY-L00888001-0006D	4	123 Circ1
		ARA-APY-L00888002-0002	2	123 Circ1
27	LA 110.Wir	ARA-APY-L00888009-0003	21	123 Circ1
		ARA-APY-L00888009-0002	2	123 Circ1
28	LA 110.Wir	ARA-APY-L00888009-0002	21	123 Circ1
		ARA-APY-L00888009-0001	2	123 Circ1
29	LA 110.Wir	ARA-APY-L00888009-0001	21	123 Circ1
		ARA-APY-L00888001-0033	3	123 Circ1
30	LA 110.Wir	ARA-APY-L00888001-0033	21	123 Circ1
		ARA-APY-L00888001-0033B	2	123 Circ1
31	LA 110.Wir	ARA-APY-L00888001-0006D	21	123 Circ1
		ARA-APY-L00888003-00C1	2	123 Circ1
32	LA 110.Wir	ARA-APY-L00888002-0002	21	123 Circ1
		ARA-APY-L00888002-0002_NUEVO_1	2	123 Circ1
33	LA 110.Wir	ARA-APY-L00888010-001B	21	123 Circ1
		ARA-APY-L00888010-0001	2	123 Circ1
34	LA 110.Wir	ARA-APY-L00888010-0001	21	123 Circ1
		ARA-APY-L00888010-0002	2	123 Circ1
		ARA-APY-L00888010-0003	2	123 Circ1
35	LA 110.Wir	ARA-APY-L00888010-0003	21	123 Circ1
		ARA-APY-L00888010-0005	2	123 Circ1
36	LA 110.Wir	ARA-APY-L00888010-0005	21	123 Circ1
		ARA-APY-L00888010-0006	2	123 Circ1
		ARA-APY-L00888010-0007	2	123 Circ1
37	LA 110.Wir	ARA-APY-L00888010-0007	21	123 Circ1
		ARA-APY-L00888010-0008	2	123 Circ1
38	LA 110.Wir	ARA-APY-L00888010-0008	21	123 Circ1

		ARA-APY-L00888010-0009	2	123	Circ1
		ARA-APY-L00888010-0010	2	123	Circ1
		ARA-APY-L00888010-0011	2	123	Circ1
39	LA 110.Wir	ARA-APY-L00888010-0011	21	123	Circ1
		ARA-APY-L00888010-0011_NUEVO_1	2	123	Circ1
40	LA 110.Wir	ARA-APY-L00888010-0011_NUEVO_1	21	123	Circ1
		ARA-APY-L00888010-0013	2	123	Circ1
41	LA 110.Wir	ARA-APY-L00888010-0013	21	123	Circ1
		ARA-APY-L00888010-0014	2	123	Circ1
42	LA 110.Wir	ARA-APY-L00888010-0014	21	123	Circ1
		ARA-APY-L00888010-0015	2	123	Circ1
43	LA 110.Wir	ARA-APY-L00888001-0033B	21	123	Circ1
		ARA-APY-L00888001-0034	2	123	Circ1
		ARA-APY-L00888001-0036	2	123	Circ1
44	LA 110.Wir	ARA-APY-L00888001-0036	21	123	Circ1
		ARA-APY-L00888011-0036	2	123	Circ1
45	LA 110.Wir	ARA-APY-L00888011-0036	21	123	Circ1
		ARA-APY-L00888012-0037	2	123	Circ1
46	LA 110.Wir	ARA-APY-L00888001-0037	21	123	Circ1
		ARA-APY-L00888001-0038	2	123	Circ1
		ARA-APY-L00888001-0039	2	123	Circ1
		ARA-APY-L00888001-0040	2	123	Circ1
		ARA-APY-L00888001-0041	2	123	Circ1
47	LA 110.Wir	ARA-APY-L00888001-0041	21	123	Circ1
		ARA-APY-L00888001-0042	2	123	Circ1
48	LA 110.Wir	ARA-APY-L00888001-0042	21	123	Circ1
		ARA-APY-L00888001-0042_NUEVO	2	123	Circ1
49	LA 110.Wir	ARA-APY-L00888007-0001	21	123	Circ1
		ARA-APY-L00888007-0002	2	123	Circ1
		ARA-APY-L00888007-0003	2	123	Circ1
		ARA-APY-L00888007-0004	2	123	Circ1
50	LA 110.Wir	ARA-APY-L00888007-0004	21	123	Circ1
		ARA-APY-L00888007-0005	2	123	Circ1
		ARA-APY-L00888007-0006	2	123	Circ1
		ARA-APY-L00888007-0007	2	123	Circ1
		ARA-APY-L00888007-0008	2	123	Circ1
		ARA-APY-L00888007-0009	2	123	Circ1
		ARA-APY-L00888007-0010	2	123	Circ1
		ARA-APY-L00888007-0011	2	123	Circ1
51	LA 110.Wir	ARA-APY-L00888007-0011	21	123	Circ1
		ARA-APY-L00888007-0012	2	123	Circ1
		ARA-APY-L00888007-0013	2	123	Circ1
		ARA-APY-L00888007-0014	2	123	Circ1
		ARA-APY-L00888007-0015	2	123	Circ1

		ARA-APY-L00888007-0016	2	123	Circ1
		ARA-APY-L00888007-0017	2	123	Circ1
52	LA 110.Wir	ARA-APY-L00888007-0017	21	123	Circ1
		ARA-APY-L00888007-0017_NUEVO_1	2	123	Circ1
53	LA 110.Wir	ARA-APY-L00888005-0001	21	123	Circ1
		ARA-APY-L00888005-0002	2	123	Circ1
54	LA 110.Wir	ARA-APY-L00888005-0002	21	123	Circ1
		ARA-APY-L00888005-0003	2	123	Circ1
		ARA-APY-L00888005-0004	2	123	Circ1
		ARA-APY-L00888005-0004_NUEVO	2	123	Circ1
55	LA 110.Wir	ARA-APY-L00888003-00C1	21	123	Circ1
		ARA-APY-L00888003-0002	2	123	Circ1
56	LA 110.Wir	ARA-APY-L00888003-0002	21	123	Circ1
		ARA-APY-L00888003-0003	2	123	Circ1
57	LA 110.Wir	ARA-APY-L00888003-0003	21	123	Circ1
		ARA-APY-L00888003-0004	2	123	Circ1
58	LA 110.Wir	L00888019-002	21	123	Circ1
		L00888019-002_NUEVO_1	2	123	Circ1
59	LA 110.Wir	L00888019-002_NUEVO_1	21	123	Circ1
		TERRENO	2	123	Circ1
60	LA 110.Wir	ARA-APY-L00888001-0005D_NUEVO_1	21	123	Circ1
		ARA-APY-L00887002-0002	2	123	Circ1
61	LA 110.Wir	ARA-APY-L00887002-0002	21	123	Circ1
		ARA-APY-L00887002-0003	2	123	Circ1
62	LA 110.Wir	ARA-APY-L00887002-0003	21	123	Circ1
		ARA-APY-L00887002-0004	2	123	Circ1
63	LA 110.Wir	ARA-APY-L00887002-0004	21	123	Circ1
		ARA-APY-L00887002-0005	2	123	Circ1
64	LA 110.Wir	ARA-APY-L00887002-0005	21	123	Circ1
		ARA-APY-L00887002-0006	2	123	Circ1
		ARA-APY-L00887002-0007	2	123	Circ1
65	LA 110.Wir	ARA-APY-L00887002-0007	21	123	Circ1
		ARA-APY-L00887002-0008	2	123	Circ1
66	LA 110.Wir	ARA-APY-L00888001-0006D	25	123	Circ1
		ARA-APY-L00888001-0005D	26	123	Circ1
67	LA 110.Wir	ARA-APY-L00888001-0005D	25	123	Circ1
		ARA-APY-L00888001-0004d	26	123	Circ1
68	LA 110.Wir	ARA-APY-L00888001-0004d	25	123	Circ1
		ARA-APY-L00888001-0003D	25	123	Circ1
		ARA-APY-L00888001-0002D	25	123	Circ1
		ARA-APY-L00888001-0001D	25	123	Circ1
		ARA-APY-L00887001-000D	25	123	Circ1

Section Geometry Data

Notes: Lengths are arc lengths along the wire at 15 (deg C), Creep.
Lengths are adjusted for the number of phases, the number of subconductors and to exclude the length of strain insulators.
Lengths are computed with any concentrated loads removed.

Circuit Sec. No.	Cable File Name	From Str.	To Str.	Number of Phases	Wires Per Phase	Min. Span (m)	Max. Span (m)	Ruling Span (m)	Total Cable Length
Circuit 1 1	LA 110.Wir	ARA-APY-L00888009-0004	ARA-APY-L00888009-0003	3	1	71.8	71.8	71.8	215.5
Circuit 1 2	LA 110.Wir	ARA-APY-L00888001-0033	ARA-APY-L00888001-0031	3	1	148.1	191.2	173.6	1019.3
Circuit 1 3	LA 110.Wir	ARA-APY-L00888001-0031	ARA-APY-L00888001-0022	3	1	169.5	240.5	220.7	5872.9
Circuit 1 4	LA 110.Wir	ARA-APY-L00888001-0022	ARA-APY-L00888001-0021	3	1	113.5	113.5	113.5	340.6
Circuit 1 5	LA 110.Wir	ARA-APY-L00888001-0021	ARA-APY-L00888001-0020	3	1	162.3	162.3	162.3	487.4
Circuit 1 6	LA 110.Wir	ARA-APY-L00888001-0020	ARA-APY-L00888001-0019	3	1	120.2	120.2	120.2	361.0
Circuit 1 7	LA 110.Wir	ARA-APY-L00888001-0019	ARA-APY-L00888001-0016	3	1	168.8	230.8	212.6	1868.5
Circuit 1 8	LA 110.Wir	ARA-APY-L00888001-0016	ARA-APY-L00888001-0013	3	1	139.1	318.8	264.3	2096.7
Circuit 1 9	LA 110.Wir	ARA-APY-L00888001-0013	ARA-APY-L00888001-0008	3	1	179.7	258.1	220.5	3226.3
Circuit 1 10	LA 110.Wir	ARA-APY-L00888001-0008	ARA-APY-L00888001-0007	3	1	96.7	96.7	96.5	291.4
Circuit 1 11	LA 110.Wir	ARA-APY-L00888001-0007	ARA-APY-L00888001-0006D	3	1	63.6	63.6	63.4	191.9
Circuit 1 12	LA 110.Wir	ARA-APY-L00888001-0006D	ARA-APY-L00888001-0005D	3	1	89.7	89.7	89.2	270.5
Circuit 1 13	LA 110.Wir	ARA-APY-L00887002-0009_NUEVO_1	ARA-APY-L00887002-0009	3	1	17.2	17.2	16.8	52.9
Circuit 1 14	LA 110.Wir	ARA-APY-L00888001-0005D	ARA-APY-L00888001-0004d	3	1	88.6			

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88.6    88.6   266.0
 Circuit 1   15 LA 110.Wir         ARA-APY-L00888001-0004d         ARA-APY-L00888001-0003D      3      1   165.1
165.1   165.0   496.3
 Circuit 1   16 LA 110.Wir         ARA-APY-L00888001-0003D          ARA-APY-L00887001-000D      3      1   109.8
166.1   145.1  1257.9
             17 LA 110.Wir          ARA-APY-L00888009-0001          ARA-APY-L00888010-001B      3      1    32.6
32.6    32.5    98.0
 Circuit 1   18 LA 110.Wir          ARA-APY-L00888001-0020          ARA-APY-L00888007-0001      3      1   119.3
119.3   119.3   358.2
 Circuit 1   19 LA 110.Wir          ARA-APY-L00888001-0016          ARA-APY-L00888005-0001      3      1   152.6
152.6   152.6   458.4
 Circuit 1   20 LA 110.Wir  ARA-APY-L00888010-0011_NUEVO_1  ARA-APY-L00888010-0011_NUEVO_2      3      1    85.7
85.7    85.6   257.2
 Circuit 1   21 LA 110.Wir          ARA-APY-L00888001-0036          ARA-APY-L00888001-0037      3      1   101.9
101.9   101.9   305.9
 Circuit 1   22 LA 110.Wir          ARA-APY-L00888011-0036          ARA-APY-L00888011-0001      3      1     5.3
5.3     5.3    16.4
 Circuit 1   23 LA 110.Wir          ARA-APY-L00888003-0004  ARA-APY-L00888003-0004_NUEVO_1      3      1    61.4
61.4    61.4   184.5
 Circuit 1   24 LA 110.Wir         ARA-APY-L00888001-0005D ARA-APY-L00888001-0005D_NUEVO_1      3      1    21.8
21.8    21.8    65.5
 Circuit 1   25 LA 110.Wir         ARA-APY-L00888001-0003D                  L00888019-002      3      1    35.5
35.5    35.4   106.8
 Circuit 1   26 LA 110.Wir         ARA-APY-L00888001-0006D          ARA-APY-L00888002-0002      3      1    67.2
67.2    67.2   201.9
 Circuit 1   27 LA 110.Wir          ARA-APY-L00888009-0003          ARA-APY-L00888009-0002      3      1   158.0
158.0   157.3   476.9
 Circuit 1   28 LA 110.Wir          ARA-APY-L00888009-0002          ARA-APY-L00888009-0001      3      1   152.6
152.6   152.3   459.7
 Circuit 1   29 LA 110.Wir          ARA-APY-L00888009-0001          ARA-APY-L00888001-0033      3      1   123.5
123.5   123.4   371.2
 Circuit 1   30 LA 110.Wir          ARA-APY-L00888001-0033         ARA-APY-L00888001-0033B      3      1    15.9
15.9    15.8    47.7
 Circuit 1   31 LA 110.Wir         ARA-APY-L00888001-0006D          ARA-APY-L00888003-00C1      3      1    70.2
70.2    69.9   211.6
 Circuit 1   32 LA 110.Wir          ARA-APY-L00888002-0002  ARA-APY-L00888002-0002_NUEVO_1      3      1   149.3
149.3   149.1   449.1
 Circuit 1   33 LA 110.Wir          ARA-APY-L00888010-001B          ARA-APY-L00888010-0001      3      1   230.5
230.5   230.4   693.8
 Circuit 1   34 LA 110.Wir          ARA-APY-L00888010-0001          ARA-APY-L00888010-0003      3      1   111.5
199.1   172.8   933.3
 Circuit 1   35 LA 110.Wir          ARA-APY-L00888010-0003          ARA-APY-L00888010-0005      3      1   171.1
171.1   171.1   514.2
 Circuit 1   36 LA 110.Wir          ARA-APY-L00888010-0005          ARA-APY-L00888010-0007      3      1   143.4
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149.4 146.4 879.8
Circuit 1 37 LA 110.Wir ARA-APY-L00888010-0007 ARA-APY-L00888010-0008 3 1 174.3
174.3 172.2 529.9
Circuit 1 38 LA 110.Wir ARA-APY-L00888010-0008 ARA-APY-L00888010-0011 3 1 98.4
159.4 145.1 1239.5
Circuit 1 39 LA 110.Wir ARA-APY-L00888010-0011 ARA-APY-L00888010-0011_NUEVO_1 3 1 149.2
149.2 149.1 448.5
Circuit 1 40 LA 110.Wir ARA-APY-L00888010-0011_NUEVO_1 ARA-APY-L00888010-0013 3 1 84.2
84.2 83.8 253.9
Circuit 1 41 LA 110.Wir ARA-APY-L00888010-0013 ARA-APY-L00888010-0014 3 1 104.1
104.1 104.1 312.6
Circuit 1 42 LA 110.Wir ARA-APY-L00888010-0014 ARA-APY-L00888010-0015 3 1 62.7
62.7 62.6 188.8
Circuit 1 43 LA 110.Wir ARA-APY-L00888001-0033B ARA-APY-L00888001-0036 3 1 122.3
225.8 195.7 1047.1
Circuit 1 44 LA 110.Wir ARA-APY-L00888001-0036 ARA-APY-L00888011-0036 3 1 161.2
161.2 161.1 484.2
Circuit 1 45 LA 110.Wir ARA-APY-L00888011-0036 ARA-APY-L00888012-0037 3 1 97.8
97.8 97.8 293.4
Circuit 1 46 LA 110.Wir ARA-APY-L00888001-0037 ARA-APY-L00888001-0041 3 1 37.6
63.6 51.0 579.6
Circuit 1 47 LA 110.Wir ARA-APY-L00888001-0041 ARA-APY-L00888001-0042 3 1 20.9
20.9 19.9 66.0
Circuit 1 48 LA 110.Wir ARA-APY-L00888001-0042 ARA-APY-L00888001-0042_NUEVO 3 1 167.5
167.5 166.0 508.4
Circuit 1 49 LA 110.Wir ARA-APY-L00888007-0001 ARA-APY-L00888007-0004 3 1 134.3
170.4 150.0 1326.0
Circuit 1 50 LA 110.Wir ARA-APY-L00888007-0004 ARA-APY-L00888007-0011 3 1 148.5
199.8 185.2 3856.9
Circuit 1 51 LA 110.Wir ARA-APY-L00888007-0011 ARA-APY-L00888007-0017 3 1 154.1
218.9 189.8 3370.5
Circuit 1 52 LA 110.Wir ARA-APY-L00888007-0017 ARA-APY-L00888007-0017_NUEVO_1 3 1 103.3
103.3 101.6 315.4
Circuit 1 53 LA 110.Wir ARA-APY-L00888005-0001 ARA-APY-L00888005-0002 3 1 149.7
149.7 149.7 449.8
Circuit 1 54 LA 110.Wir ARA-APY-L00888005-0002 ARA-APY-L00888005-0004_NUEVO 3 1 121.9
143.8 130.8 1168.4
Circuit 1 55 LA 110.Wir ARA-APY-L00888003-00C1 ARA-APY-L00888003-0002 3 1 131.8
131.8 131.6 396.3
Circuit 1 56 LA 110.Wir ARA-APY-L00888003-0002 ARA-APY-L00888003-0003 3 1 158.3
158.3 158.3 475.6
Circuit 1 57 LA 110.Wir ARA-APY-L00888003-0003 ARA-APY-L00888003-0004 3 1 101.9
101.9 101.8 306.1
Circuit 1 58 LA 110.Wir L00888019-002 L00888019-002_NUEVO_1 3 1 41.8

41.8   41.7   125.6
 Circuit 1   59 LA 110.Wir   L00888019-002_NUEVO_1   TERRENO   3   1   70.8
70.8   70.6   213.3
 Circuit 1   60 LA 110.Wir ARA-APY-L00888001-0005D_NUEVO_1   ARA-APY-L00887002-0002   3   1   121.4
121.4   120.8   366.6
 Circuit 1   61 LA 110.Wir   ARA-APY-L00887002-0002   ARA-APY-L00887002-0003   3   1   81.8
81.8   81.8   245.7
 Circuit 1   62 LA 110.Wir   ARA-APY-L00887002-0003   ARA-APY-L00887002-0004   3   1   156.7
156.7   156.7   471.1
 Circuit 1   63 LA 110.Wir   ARA-APY-L00887002-0004   ARA-APY-L00887002-0005   3   1   130.6
130.6   130.5   393.9
 Circuit 1   64 LA 110.Wir   ARA-APY-L00887002-0005   ARA-APY-L00887002-0007   3   1   46.0
150.3   133.3   591.2
 Circuit 1   65 LA 110.Wir   ARA-APY-L00887002-0007   ARA-APY-L00887002-0008   3   1   106.9
106.9   106.9   321.5
 Circuit 2   66 LA 110.Wir   ARA-APY-L00888001-0006D   ARA-APY-L00888001-0005D   3   1   89.7
89.7   89.3   270.8
 Circuit 2   67 LA 110.Wir   ARA-APY-L00888001-0005D   ARA-APY-L00888001-0004d   3   1   88.5
88.5   88.5   265.8
 Circuit 2   68 LA 110.Wir   ARA-APY-L00888001-0004d   ARA-APY-L00887001-000D   3   1   109.9
167.3   151.7 1761.0

Wire Lengths in each Span

Note: Only for sections modeled with fixed wire lengths. Unstressed lengths are at 0 degrees C for the specified condition.

Circuit	Phase	Sec. No.	Cable Name	From Struct.	From Set	From Phase	To Struct.	To Set	To Phase	Condition	Cable Length (m)	Unstressed Length Adjustment (m)
Circuit 1	A1	1	LA 110	ARA-APY-L00888009-0004	2	1	ARA-APY-L00888009-0003	2	1	Initial	71.502	0.013
Circuit 1	B1			ARA-APY-L00888009-0004	2	2	ARA-APY-L00888009-0003	2	2	Initial	71.794	0.002
Circuit 1	C1			ARA-APY-L00888009-0004	2	3	ARA-APY-L00888009-0003	2	3	Initial	71.983	0.003
Circuit 1	A1	2	LA 110	ARA-APY-L00888001-0033	2	1	ARA-APY-L00888001-0032	2	1	Initial	191.267	0.016

Circuit 1	B1			ARA-APY-L00888001-0033	2	2	ARA-APY-L00888001-0032	2	2	Initial	191.063	0.007
Circuit 1	C1			ARA-APY-L00888001-0033	2	3	ARA-APY-L00888001-0032	2	3	Initial	191.156	0.002
Circuit 1	A1			ARA-APY-L00888001-0032	2	1	ARA-APY-L00888001-0031	21	1	Initial	148.167	-0.005
Circuit 1	B1			ARA-APY-L00888001-0032	2	2	ARA-APY-L00888001-0031	21	2	Initial	148.201	-0.011
Circuit 1	C1			ARA-APY-L00888001-0032	2	3	ARA-APY-L00888001-0031	21	3	Initial	148.325	-0.020
Circuit 1	A1	3 LA 110		ARA-APY-L00888001-0031	2	1	ARA-APY-L00888001-0030	2	1	Initial	169.320	-0.048
Circuit 1	B1			ARA-APY-L00888001-0031	2	2	ARA-APY-L00888001-0030	2	2	Initial	169.464	-0.070
Circuit 1	C1			ARA-APY-L00888001-0031	2	3	ARA-APY-L00888001-0030	2	3	Initial	169.971	-0.048
Circuit 1	A1			ARA-APY-L00888001-0030	2	1	ARA-APY-L00888001-0029	2	1	Initial	240.786	-0.079
Circuit 1	B1			ARA-APY-L00888001-0030	2	2	ARA-APY-L00888001-0029	2	2	Initial	240.807	-0.137
Circuit 1	C1			ARA-APY-L00888001-0030	2	3	ARA-APY-L00888001-0029	2	3	Initial	240.738	-0.078
Circuit 1	A1			ARA-APY-L00888001-0029	2	1	ARA-APY-L00888001-0028	2	1	Initial	194.996	-0.060
Circuit 1	B1			ARA-APY-L00888001-0029	2	2	ARA-APY-L00888001-0028	2	2	Initial	195.042	-0.102
Circuit 1	C1			ARA-APY-L00888001-0029	2	3	ARA-APY-L00888001-0028	2	3	Initial	195.020	-0.065
Circuit 1	A1			ARA-APY-L00888001-0028	2	1	ARA-APY-L00888001-0027	2	1	Initial	236.787	-0.079
Circuit 1	B1			ARA-APY-L00888001-0028	2	2	ARA-APY-L00888001-0027	2	2	Initial	236.768	-0.138
Circuit 1	C1			ARA-APY-L00888001-0028	2	3	ARA-APY-L00888001-0027	2	3	Initial	236.771	-0.082
Circuit 1	A1			ARA-APY-L00888001-0027	2	1	ARA-APY-L00888001-0026	2	1	Initial	218.617	-0.050
Circuit 1	B1			ARA-APY-L00888001-0027	2	2	ARA-APY-L00888001-0026	2	2	Initial	218.590	-0.106
Circuit 1	C1			ARA-APY-L00888001-0027	2	3	ARA-APY-L00888001-0026	2	3	Initial	218.534	-0.063
Circuit 1	A1			ARA-APY-L00888001-0026	2	1	ARA-APY-L00888001-0025	2	1	Initial	199.891	-0.055
Circuit 1	B1			ARA-APY-L00888001-0026	2	2	ARA-APY-L00888001-0025	2	2	Initial	199.854	-0.106

Circuit 1	C1			ARA-APY-L00888001-0026	2	3	ARA-APY-L00888001-0025	2	3	Initial	200.007	-0.051
Circuit 1	A1			ARA-APY-L00888001-0025	2	1	ARA-APY-L00888001-0024	2	1	Initial	237.934	-0.068
Circuit 1	B1			ARA-APY-L00888001-0025	2	2	ARA-APY-L00888001-0024	2	2	Initial	238.060	-0.138
Circuit 1	C1			ARA-APY-L00888001-0025	2	3	ARA-APY-L00888001-0024	2	3	Initial	238.007	-0.075
Circuit 1	A1			ARA-APY-L00888001-0024	2	1	ARA-APY-L00888001-0023	2	1	Initial	238.535	-0.079
Circuit 1	B1			ARA-APY-L00888001-0024	2	2	ARA-APY-L00888001-0023	2	2	Initial	238.431	-0.153
Circuit 1	C1			ARA-APY-L00888001-0024	2	3	ARA-APY-L00888001-0023	2	3	Initial	238.508	-0.085
Circuit 1	A1			ARA-APY-L00888001-0023	2	1	ARA-APY-L00888001-0022	21	1	Initial	219.029	-0.057
Circuit 1	B1			ARA-APY-L00888001-0023	2	2	ARA-APY-L00888001-0022	21	2	Initial	219.043	-0.129
Circuit 1	C1			ARA-APY-L00888001-0023	2	3	ARA-APY-L00888001-0022	21	3	Initial	219.298	-0.070
Circuit 1	A1	4 LA 110		ARA-APY-L00888001-0022	2	1	ARA-APY-L00888001-0021	21	1	Initial	113.359	0.048
Circuit 1	B1			ARA-APY-L00888001-0022	2	2	ARA-APY-L00888001-0021	21	2	Initial	113.382	0.034
Circuit 1	C1			ARA-APY-L00888001-0022	2	3	ARA-APY-L00888001-0021	21	3	Initial	113.411	0.038
Circuit 1	A1	5 LA 110		ARA-APY-L00888001-0021	2	1	ARA-APY-L00888001-0020	21	1	Initial	163.037	0.032
Circuit 1	B1			ARA-APY-L00888001-0021	2	2	ARA-APY-L00888001-0020	21	2	Initial	162.399	-0.615
Circuit 1	C1			ARA-APY-L00888001-0021	2	3	ARA-APY-L00888001-0020	21	3	Initial	161.992	0.022
Circuit 1	A1	6 LA 110		ARA-APY-L00888001-0020	2	1	ARA-APY-L00888001-0019	21	1	Initial	120.450	-0.032
Circuit 1	B1			ARA-APY-L00888001-0020	2	2	ARA-APY-L00888001-0019	21	2	Initial	120.054	-0.019
Circuit 1	C1			ARA-APY-L00888001-0020	2	3	ARA-APY-L00888001-0019	21	3	Initial	120.198	-0.034
Circuit 1	A1	7 LA 110		ARA-APY-L00888001-0019	2	1	ARA-APY-L00888001-0018	2	1	Initial	169.015	-0.022
Circuit 1	B1			ARA-APY-L00888001-0019	2	2	ARA-APY-L00888001-0018	2	2	Initial	168.776	-0.020
Circuit 1	C1			ARA-APY-L00888001-0019	2	3	ARA-APY-L00888001-0018	2	3	Initial	168.485	-0.034

Circuit 1	A1			ARA-APY-L00888001-0018	2	1	ARA-APY-L00888001-0017	2		
1	Initial	222.602	-0.006							
Circuit 1	B1			ARA-APY-L00888001-0018	2	2	ARA-APY-L00888001-0017	2		
2	Initial	222.556	-0.031							
Circuit 1	C1			ARA-APY-L00888001-0018	2	3	ARA-APY-L00888001-0017	2		
3	Initial	222.554	-0.024							
Circuit 1	A1			ARA-APY-L00888001-0017	2	1	ARA-APY-L00888001-0016	21		
1	Initial	230.832	-0.012							
Circuit 1	B1			ARA-APY-L00888001-0017	2	2	ARA-APY-L00888001-0016	21		
2	Initial	230.653	-0.027							
Circuit 1	C1			ARA-APY-L00888001-0017	2	3	ARA-APY-L00888001-0016	21		
3	Initial	231.126	-0.030							
Circuit 1	A1	8 LA 110		ARA-APY-L00888001-0016	2	1	ARA-APY-L00888001-0015	2		
1	Initial	239.455	-0.034							
Circuit 1	B1			ARA-APY-L00888001-0016	2	2	ARA-APY-L00888001-0015	2		
2	Initial	239.549	-0.035							
Circuit 1	C1			ARA-APY-L00888001-0016	2	3	ARA-APY-L00888001-0015	2		
3	Initial	239.595	0.009							
Circuit 1	A1			ARA-APY-L00888001-0015	2	1	ARA-APY-L00888001-0014	2		
1	Initial	319.365	-0.007							
Circuit 1	B1			ARA-APY-L00888001-0015	2	2	ARA-APY-L00888001-0014	2		
2	Initial	319.243	-0.006							
Circuit 1	C1			ARA-APY-L00888001-0015	2	3	ARA-APY-L00888001-0014	2		
3	Initial	319.312	0.052							
Circuit 1	A1			ARA-APY-L00888001-0014	2	1	ARA-APY-L00888001-0013	21		
1	Initial	139.507	-0.033							
Circuit 1	B1			ARA-APY-L00888001-0014	2	2	ARA-APY-L00888001-0013	21		
2	Initial	139.190	-0.011							
Circuit 1	C1			ARA-APY-L00888001-0014	2	3	ARA-APY-L00888001-0013	21		
3	Initial	139.290	-0.016							
Circuit 1	A1	9 LA 110		ARA-APY-L00888001-0013	2	1	ARA-APY-L00888001-0012	2		
1	Initial	258.446	0.002							
Circuit 1	B1			ARA-APY-L00888001-0013	2	2	ARA-APY-L00888001-0012	2		
2	Initial	258.535	0.019							
Circuit 1	C1			ARA-APY-L00888001-0013	2	3	ARA-APY-L00888001-0012	2		
3	Initial	258.515	0.030							
Circuit 1	A1			ARA-APY-L00888001-0012	2	1	ARA-APY-L00888001-0011	2		
1	Initial	179.643	-0.017							
Circuit 1	B1			ARA-APY-L00888001-0012	2	2	ARA-APY-L00888001-0011	2		
2	Initial	179.611	-0.001							
Circuit 1	C1			ARA-APY-L00888001-0012	2	3	ARA-APY-L00888001-0011	2		
3	Initial	179.794	-0.010							
Circuit 1	A1			ARA-APY-L00888001-0011	2	1	ARA-APY-L00888001-0010	2		
1	Initial	182.765	-0.026							

Circuit 1	B1			ARA-APY-L00888001-0011	2	2	ARA-APY-L00888001-0010	2	2	Initial	182.808	0.002
Circuit 1	C1			ARA-APY-L00888001-0011	2	3	ARA-APY-L00888001-0010	2	3	Initial	182.779	-0.006
Circuit 1	A1			ARA-APY-L00888001-0010	2	1	ARA-APY-L00888001-0009	2	1	Initial	231.340	-0.004
Circuit 1	B1			ARA-APY-L00888001-0010	2	2	ARA-APY-L00888001-0009	2	2	Initial	231.299	0.039
Circuit 1	C1			ARA-APY-L00888001-0010	2	3	ARA-APY-L00888001-0009	2	3	Initial	231.352	0.025
Circuit 1	A1			ARA-APY-L00888001-0009	2	1	ARA-APY-L00888001-0008	21	1	Initial	221.743	-0.013
Circuit 1	B1			ARA-APY-L00888001-0009	2	2	ARA-APY-L00888001-0008	21	2	Initial	221.989	0.057
Circuit 1	C1			ARA-APY-L00888001-0009	2	3	ARA-APY-L00888001-0008	21	3	Initial	222.045	0.033
Circuit 1	A1	10 LA 110		ARA-APY-L00888001-0008	2	1	ARA-APY-L00888001-0007	21	1	Initial	96.923	0.015
Circuit 1	B1			ARA-APY-L00888001-0008	2	2	ARA-APY-L00888001-0007	21	2	Initial	97.018	-0.027
Circuit 1	C1			ARA-APY-L00888001-0008	2	3	ARA-APY-L00888001-0007	21	3	Initial	97.240	-0.043
Circuit 1	A1	11 LA 110		ARA-APY-L00888001-0007	2	1	ARA-APY-L00888001-0006D	26	1	Initial	63.800	0.040
Circuit 1	B1			ARA-APY-L00888001-0007	2	2	ARA-APY-L00888001-0006D	26	2	Initial	63.701	0.010
Circuit 1	C1			ARA-APY-L00888001-0007	2	3	ARA-APY-L00888001-0006D	26	3	Initial	64.268	-0.036
Circuit 1	A1	12 LA 110		ARA-APY-L00888001-0006D	2	1	ARA-APY-L00888001-0005D	21	1	Initial	90.218	-0.003
Circuit 1	B1			ARA-APY-L00888001-0006D	2	2	ARA-APY-L00888001-0005D	21	2	Initial	89.871	-0.099
Circuit 1	C1			ARA-APY-L00888001-0006D	2	3	ARA-APY-L00888001-0005D	21	3	Initial	90.217	0.009
Circuit 1	A1	13 LA 110		ARA-APY-L00887002-0009_NUEVO_1	2	1	ARA-APY-L00887002-0009	2	1	Initial	17.462	-0.001
Circuit 1	B1			ARA-APY-L00887002-0009_NUEVO_1	2	2	ARA-APY-L00887002-0009	2	2	Initial	17.039	-0.000
Circuit 1	C1			ARA-APY-L00887002-0009_NUEVO_1	2	3	ARA-APY-L00887002-0009	2	3	Initial	18.319	0.003
Circuit 1	A1	14 LA 110		ARA-APY-L00888001-0005D	2	1	ARA-APY-L00888001-0004d	21	1	Initial	89.961	-1.619
Circuit 1	B1			ARA-APY-L00888001-0005D	2	2	ARA-APY-L00888001-0004d	21	2	Initial	88.837	-0.158

Circuit 1	C1			ARA-APY-L00888001-0005D	2	3	ARA-APY-L00888001-0004d	21	88.898	-0.150
Circuit 1	A1	15 LA 110		ARA-APY-L00888001-0004d	2	1	ARA-APY-L00888001-0003D	21	165.367	-0.008
Circuit 1	B1			ARA-APY-L00888001-0004d	2	2	ARA-APY-L00888001-0003D	21	165.198	0.077
Circuit 1	C1			ARA-APY-L00888001-0004d	2	3	ARA-APY-L00888001-0003D	21	165.021	0.174
Circuit 1	A1	16 LA 110		ARA-APY-L00888001-0003D	2	1	ARA-APY-L00888001-0002D	2	166.248	-0.027
Circuit 1	B1			ARA-APY-L00888001-0003D	2	2	ARA-APY-L00888001-0002D	2	166.089	0.033
Circuit 1	C1			ARA-APY-L00888001-0003D	2	3	ARA-APY-L00888001-0002D	2	166.091	0.270
Circuit 1	A1			ARA-APY-L00888001-0002D	2	1	ARA-APY-L00888001-0001D	2	142.797	-0.021
Circuit 1	B1			ARA-APY-L00888001-0002D	2	2	ARA-APY-L00888001-0001D	2	142.937	0.032
Circuit 1	C1			ARA-APY-L00888001-0002D	2	3	ARA-APY-L00888001-0001D	2	142.828	0.065
Circuit 1	A1			ARA-APY-L00888001-0001D	2	1	ARA-APY-L00887001-000D	2	109.702	-0.023
Circuit 1	B1			ARA-APY-L00888001-0001D	2	2	ARA-APY-L00887001-000D	2	109.844	0.009
Circuit 1	C1			ARA-APY-L00888001-0001D	2	3	ARA-APY-L00887001-000D	2	109.790	0.027
		17 LA 110		ARA-APY-L00888009-0001	3	1	ARA-APY-L00888010-001B	2	31.715	0.016
				ARA-APY-L00888009-0001	3	2	ARA-APY-L00888010-001B	2	32.320	0.013
				ARA-APY-L00888009-0001	3	3	ARA-APY-L00888010-001B	2	33.861	0.002
Circuit 1	A1	18 LA 110		ARA-APY-L00888001-0020	3	1	ARA-APY-L00888007-0001	2	119.422	-0.036
Circuit 1	B1			ARA-APY-L00888001-0020	3	2	ARA-APY-L00888007-0001	2	119.212	0.067
Circuit 1	C1			ARA-APY-L00888001-0020	3	3	ARA-APY-L00888007-0001	2	119.179	-0.022
Circuit 1	A1	19 LA 110		ARA-APY-L00888001-0016	3	1	ARA-APY-L00888005-0001	2	152.026	-0.010
Circuit 1	B1			ARA-APY-L00888001-0016	3	2	ARA-APY-L00888005-0001	2	152.651	0.018
Circuit 1	C1			ARA-APY-L00888001-0016	3	3	ARA-APY-L00888005-0001	2	153.220	0.044

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 Circuit 1    A1   20 LA 110    ARA-APY-L00888010-0011_NUEVO_1   3     1    ARA-APY-L00888010-0011_NUEVO_2   2
1      Initial     86.061     -0.020
 Circuit 1    B1                ARA-APY-L00888010-0011_NUEVO_1   3     2    ARA-APY-L00888010-0011_NUEVO_2   2
2      Initial     85.757     -0.043
 Circuit 1    C1                ARA-APY-L00888010-0011_NUEVO_1   3     3    ARA-APY-L00888010-0011_NUEVO_2   2
3      Initial     85.218      0.022
 Circuit 1    A1   21 LA 110            ARA-APY-L00888001-0036   3     1            ARA-APY-L00888001-0037   2
1      Initial    102.164      0.002
 Circuit 1    B1                        ARA-APY-L00888001-0036   3     2            ARA-APY-L00888001-0037   2
2      Initial    101.909     -0.013
 Circuit 1    C1                        ARA-APY-L00888001-0036   3     3            ARA-APY-L00888001-0037   2
3      Initial    101.657     -0.035
 Circuit 1    A1   22 LA 110            ARA-APY-L00888011-0036   3     1            ARA-APY-L00888011-0001   2
1      Initial      4.915     -0.003
 Circuit 1    B1                        ARA-APY-L00888011-0036   3     2            ARA-APY-L00888011-0001   2
2      Initial      5.598      0.213
 Circuit 1    C1                        ARA-APY-L00888011-0036   3     3            ARA-APY-L00888011-0001   2
3      Initial      5.647     -0.002
 Circuit 1    A1   23 LA 110            ARA-APY-L00888003-0004   3     1    ARA-APY-L00888003-0004_NUEVO_1   2
1      Initial     61.720     -0.008
 Circuit 1    B1                        ARA-APY-L00888003-0004   3     2    ARA-APY-L00888003-0004_NUEVO_1   2
2      Initial     61.473      0.008
 Circuit 1    C1                        ARA-APY-L00888003-0004   3     3    ARA-APY-L00888003-0004_NUEVO_1   2
3      Initial     61.152     -0.005
 Circuit 1    A1   24 LA 110          ARA-APY-L00888001-0005D   3     1   ARA-APY-L00888001-0005D_NUEVO_1   2
1      Initial     21.793      0.004
 Circuit 1    B1                     ARA-APY-L00888001-0005D   3     2   ARA-APY-L00888001-0005D_NUEVO_1   2
2      Initial     21.632      0.001
 Circuit 1    C1                     ARA-APY-L00888001-0005D   3     3   ARA-APY-L00888001-0005D_NUEVO_1   2
3      Initial     21.992      0.002
 Circuit 1    A1   25 LA 110          ARA-APY-L00888001-0003D   3     1                    L00888019-002   2
1      Initial     37.019      0.205
 Circuit 1    B1                     ARA-APY-L00888001-0003D   3     2                    L00888019-002   2
2      Initial     34.963      0.006
 Circuit 1    C1                     ARA-APY-L00888001-0003D   3     3                    L00888019-002   2
3      Initial     34.805     -0.288
 Circuit 1    A1   26 LA 110          ARA-APY-L00888001-0006D   4     1            ARA-APY-L00888002-0002   2
1      Initial     67.550     -0.002
 Circuit 1    B1                     ARA-APY-L00888001-0006D   4     2            ARA-APY-L00888002-0002   2
2      Initial     67.204      0.013
 Circuit 1    C1                     ARA-APY-L00888001-0006D   4     3            ARA-APY-L00888002-0002   2
3      Initial     67.015     -0.003
 Circuit 1    A1   27 LA 110           ARA-APY-L00888009-0003  21     1            ARA-APY-L00888009-0002   2
1      Initial    158.851     -0.008
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Circuit 1	B1			ARA-APY-L00888009-0003	21	2		ARA-APY-L00888009-0002	2	2	Initial	158.626	0.005
Circuit 1	C1			ARA-APY-L00888009-0003	21	3		ARA-APY-L00888009-0002	2	3	Initial	158.995	-0.006
Circuit 1	A1	28 LA 110		ARA-APY-L00888009-0002	21	1		ARA-APY-L00888009-0001	2	1	Initial	153.277	-0.002
Circuit 1	B1			ARA-APY-L00888009-0002	21	2		ARA-APY-L00888009-0001	2	2	Initial	152.923	-0.003
Circuit 1	C1			ARA-APY-L00888009-0002	21	3		ARA-APY-L00888009-0001	2	3	Initial	153.120	-0.012
Circuit 1	A1	29 LA 110		ARA-APY-L00888009-0001	21	1		ARA-APY-L00888001-0033	3	1	Initial	125.047	0.008
Circuit 1	B1			ARA-APY-L00888009-0001	21	2		ARA-APY-L00888001-0033	3	2	Initial	123.418	0.013
Circuit 1	C1			ARA-APY-L00888009-0001	21	3		ARA-APY-L00888001-0033	3	3	Initial	122.354	-0.001
Circuit 1	A1	30 LA 110		ARA-APY-L00888001-0033	21	1		ARA-APY-L00888001-0033B	2	1	Initial	16.435	-5.953
Circuit 1	B1			ARA-APY-L00888001-0033	21	2		ARA-APY-L00888001-0033B	2	2	Initial	15.711	0.002
Circuit 1	C1			ARA-APY-L00888001-0033	21	3		ARA-APY-L00888001-0033B	2	3	Initial	15.540	-0.017
Circuit 1	A1	31 LA 110		ARA-APY-L00888001-0006D	21	1		ARA-APY-L00888003-00C1	2	1	Initial	70.446	0.005
Circuit 1	B1			ARA-APY-L00888001-0006D	21	2		ARA-APY-L00888003-00C1	2	2	Initial	70.289	0.004
Circuit 1	C1			ARA-APY-L00888001-0006D	21	3		ARA-APY-L00888003-00C1	2	3	Initial	70.722	-0.006
Circuit 1	A1	32 LA 110		ARA-APY-L00888002-0002	21	1	ARA-APY-L00888002-0002_NUEVO_1		2	1	Initial	149.231	0.003
Circuit 1	B1			ARA-APY-L00888002-0002	21	2	ARA-APY-L00888002-0002_NUEVO_1		2	2	Initial	149.251	0.010
Circuit 1	C1			ARA-APY-L00888002-0002	21	3	ARA-APY-L00888002-0002_NUEVO_1		2	3	Initial	149.124	1.095
Circuit 1	A1	33 LA 110		ARA-APY-L00888010-001B	21	1		ARA-APY-L00888010-0001	2	1	Initial	231.440	0.002
Circuit 1	B1			ARA-APY-L00888010-001B	21	2		ARA-APY-L00888010-0001	2	2	Initial	230.856	-0.023
Circuit 1	C1			ARA-APY-L00888010-001B	21	3		ARA-APY-L00888010-0001	2	3	Initial	230.835	0.028
Circuit 1	A1	34 LA 110		ARA-APY-L00888010-0001	21	1		ARA-APY-L00888010-0002	2	1	Initial	199.820	0.037
Circuit 1	B1			ARA-APY-L00888010-0001	21	2		ARA-APY-L00888010-0002	2	2	Initial	199.227	-0.076

Circuit 1	C1			ARA-APY-L00888010-0001	21	3		ARA-APY-L00888010-0002	2	3
Initial	198.847	0.020								
Circuit 1	A1			ARA-APY-L00888010-0002	2	1		ARA-APY-L00888010-0003	2	1
Initial	111.091	-0.017								
Circuit 1	B1			ARA-APY-L00888010-0002	2	2		ARA-APY-L00888010-0003	2	2
Initial	111.516	-0.042								
Circuit 1	C1			ARA-APY-L00888010-0002	2	3		ARA-APY-L00888010-0003	2	3
Initial	112.024	-0.013								
Circuit 1	A1	35 LA 110		ARA-APY-L00888010-0003	21	1		ARA-APY-L00888010-0005	2	1
Initial	170.348	-0.028								
Circuit 1	B1			ARA-APY-L00888010-0003	21	2		ARA-APY-L00888010-0005	2	2
Initial	171.053	-0.032								
Circuit 1	C1			ARA-APY-L00888010-0003	21	3		ARA-APY-L00888010-0005	2	3
Initial	172.378	-0.007								
Circuit 1	A1	36 LA 110		ARA-APY-L00888010-0005	21	1		ARA-APY-L00888010-0006	2	1
Initial	149.239	-0.002								
Circuit 1	B1			ARA-APY-L00888010-0005	21	2		ARA-APY-L00888010-0006	2	2
Initial	149.463	-0.032								
Circuit 1	C1			ARA-APY-L00888010-0005	21	3		ARA-APY-L00888010-0006	2	3
Initial	149.710	-0.002								
Circuit 1	A1			ARA-APY-L00888010-0006	2	1		ARA-APY-L00888010-0007	2	1
Initial	143.445	-0.007								
Circuit 1	B1			ARA-APY-L00888010-0006	2	2		ARA-APY-L00888010-0007	2	2
Initial	143.509	-0.039								
Circuit 1	C1			ARA-APY-L00888010-0006	2	3		ARA-APY-L00888010-0007	2	3
Initial	143.617	-0.006								
Circuit 1	A1	37 LA 110		ARA-APY-L00888010-0007	21	1		ARA-APY-L00888010-0008	2	1
Initial	176.303	0.004								
Circuit 1	B1			ARA-APY-L00888010-0007	21	2		ARA-APY-L00888010-0008	2	2
Initial	176.594	0.022								
Circuit 1	C1			ARA-APY-L00888010-0007	21	3		ARA-APY-L00888010-0008	2	3
Initial	176.448	0.003								
Circuit 1	A1	38 LA 110		ARA-APY-L00888010-0008	21	1		ARA-APY-L00888010-0009	2	1
Initial	159.537	0.008								
Circuit 1	B1			ARA-APY-L00888010-0008	21	2		ARA-APY-L00888010-0009	2	2
Initial	159.650	-0.009								
Circuit 1	C1			ARA-APY-L00888010-0008	21	3		ARA-APY-L00888010-0009	2	3
Initial	159.790	0.003								
Circuit 1	A1			ARA-APY-L00888010-0009	2	1		ARA-APY-L00888010-0010	2	1
Initial	154.756	0.011								
Circuit 1	B1			ARA-APY-L00888010-0009	2	2		ARA-APY-L00888010-0010	2	2
Initial	154.725	-0.004								
Circuit 1	C1			ARA-APY-L00888010-0009	2	3		ARA-APY-L00888010-0010	2	3
Initial	154.709	-0.007								

Circuit 1	A1			ARA-APY-L00888010-0010	2	1		ARA-APY-L00888010-0011	2	1	Initial	98.376	-0.012
Circuit 1	B1			ARA-APY-L00888010-0010	2	2		ARA-APY-L00888010-0011	2	2	Initial	98.321	-0.009
Circuit 1	C1			ARA-APY-L00888010-0010	2	3		ARA-APY-L00888010-0011	2	3	Initial	98.468	-0.008
Circuit 1	A1	39 LA 110		ARA-APY-L00888010-0011	21	1	ARA-APY-L00888010-0011_NUEVO_1		2	1	Initial	149.223	0.006
Circuit 1	B1			ARA-APY-L00888010-0011	21	2	ARA-APY-L00888010-0011_NUEVO_1		2	2	Initial	148.956	-0.002
Circuit 1	C1			ARA-APY-L00888010-0011	21	3	ARA-APY-L00888010-0011_NUEVO_1		2	3	Initial	149.872	-0.011
Circuit 1	A1	40 LA 110	ARA-APY-L00888010-0011_NUEVO_1		21	1		ARA-APY-L00888010-0013	2	1	Initial	84.471	0.021
Circuit 1	B1		ARA-APY-L00888010-0011_NUEVO_1		21	2		ARA-APY-L00888010-0013	2	2	Initial	84.069	-0.006
Circuit 1	C1		ARA-APY-L00888010-0011_NUEVO_1		21	3		ARA-APY-L00888010-0013	2	3	Initial	85.069	0.004
Circuit 1	A1	41 LA 110		ARA-APY-L00888010-0013	21	1		ARA-APY-L00888010-0014	2	1	Initial	104.305	0.005
Circuit 1	B1			ARA-APY-L00888010-0013	21	2		ARA-APY-L00888010-0014	2	2	Initial	103.594	-0.005
Circuit 1	C1			ARA-APY-L00888010-0013	21	3		ARA-APY-L00888010-0014	2	3	Initial	104.382	-0.003
Circuit 1	A1	42 LA 110		ARA-APY-L00888010-0014	21	1		ARA-APY-L00888010-0015	2	1	Initial	63.628	0.000
Circuit 1	B1			ARA-APY-L00888010-0014	21	2		ARA-APY-L00888010-0015	2	2	Initial	62.284	0.001
Circuit 1	C1			ARA-APY-L00888010-0014	21	3		ARA-APY-L00888010-0015	2	3	Initial	62.774	-0.003
Circuit 1	A1	43 LA 110		ARA-APY-L00888001-0033B	21	1		ARA-APY-L00888001-0034	2	1	Initial	122.450	-0.020
Circuit 1	B1			ARA-APY-L00888001-0033B	21	2		ARA-APY-L00888001-0034	2	2	Initial	122.312	-0.020
Circuit 1	C1			ARA-APY-L00888001-0033B	21	3		ARA-APY-L00888001-0034	2	3	Initial	122.526	-0.011
Circuit 1	A1			ARA-APY-L00888001-0034	2	1		ARA-APY-L00888001-0036	2	1	Initial	225.887	-0.042
Circuit 1	B1			ARA-APY-L00888001-0034	2	2		ARA-APY-L00888001-0036	2	2	Initial	226.098	0.022
Circuit 1	C1			ARA-APY-L00888001-0034	2	3		ARA-APY-L00888001-0036	2	3	Initial	226.840	0.072
Circuit 1	A1	44 LA 110		ARA-APY-L00888001-0036	21	1		ARA-APY-L00888011-0036	2	1	Initial	160.916	0.003

Circuit 1	B1			ARA-APY-L00888001-0036	21	2		ARA-APY-L00888011-0036	2	2	Initial	161.267	-0.015
Circuit 1	C1			ARA-APY-L00888001-0036	21	3		ARA-APY-L00888011-0036	2	3	Initial	161.520	-0.028
Circuit 1	A1	45 LA 110		ARA-APY-L00888011-0036	21	1		ARA-APY-L00888012-0037	2	1	Initial	97.646	-0.018
Circuit 1	B1			ARA-APY-L00888011-0036	21	2		ARA-APY-L00888012-0037	2	2	Initial	97.554	-0.001
Circuit 1	C1			ARA-APY-L00888011-0036	21	3		ARA-APY-L00888012-0037	2	3	Initial	97.981	-0.016
Circuit 1	A1	46 LA 110		ARA-APY-L00888001-0037	21	1		ARA-APY-L00888001-0038	2	1	Initial	62.803	0.011
Circuit 1	B1			ARA-APY-L00888001-0037	21	2		ARA-APY-L00888001-0038	2	2	Initial	63.706	0.023
Circuit 1	C1			ARA-APY-L00888001-0037	21	3		ARA-APY-L00888001-0038	2	3	Initial	64.636	0.037
Circuit 1	A1			ARA-APY-L00888001-0038	2	1		ARA-APY-L00888001-0039	2	1	Initial	41.835	-0.002
Circuit 1	B1			ARA-APY-L00888001-0038	2	2		ARA-APY-L00888001-0039	2	2	Initial	41.777	0.008
Circuit 1	C1			ARA-APY-L00888001-0038	2	3		ARA-APY-L00888001-0039	2	3	Initial	41.813	0.013
Circuit 1	A1			ARA-APY-L00888001-0039	2	1		ARA-APY-L00888001-0040	2	1	Initial	49.851	0.006
Circuit 1	B1			ARA-APY-L00888001-0039	2	2		ARA-APY-L00888001-0040	2	2	Initial	49.766	0.015
Circuit 1	C1			ARA-APY-L00888001-0039	2	3		ARA-APY-L00888001-0040	2	3	Initial	49.912	0.017
Circuit 1	A1			ARA-APY-L00888001-0040	2	1		ARA-APY-L00888001-0041	2	1	Initial	37.582	0.003
Circuit 1	B1			ARA-APY-L00888001-0040	2	2		ARA-APY-L00888001-0041	2	2	Initial	37.765	-0.001
Circuit 1	C1			ARA-APY-L00888001-0040	2	3		ARA-APY-L00888001-0041	2	3	Initial	37.526	0.006
Circuit 1	A1	47 LA 110		ARA-APY-L00888001-0041	21	1		ARA-APY-L00888001-0042	2	1	Initial	21.467	-0.007
Circuit 1	B1			ARA-APY-L00888001-0041	21	2		ARA-APY-L00888001-0042	2	2	Initial	21.929	-0.004
Circuit 1	C1			ARA-APY-L00888001-0041	21	3		ARA-APY-L00888001-0042	2	3	Initial	22.599	0.003
Circuit 1	A1	48 LA 110		ARA-APY-L00888001-0042	21	1	ARA-APY-L00888001-0042_NUEVO		2	1	Initial	169.250	0.004
Circuit 1	B1			ARA-APY-L00888001-0042	21	2	ARA-APY-L00888001-0042_NUEVO		2	2	Initial	169.233	0.001

Circuit 1	C1			ARA-APY-L00888001-0042	21	3	ARA-APY-L00888001-0042_NUEVO	2	3	Initial	169.423	-0.011
Circuit 1	A1	49 LA 110		ARA-APY-L00888007-0001	21	1	ARA-APY-L00888007-0002	2	1	Initial	170.525	0.006
Circuit 1	B1			ARA-APY-L00888007-0001	21	2	ARA-APY-L00888007-0002	2	2	Initial	170.141	0.010
Circuit 1	C1			ARA-APY-L00888007-0001	21	3	ARA-APY-L00888007-0002	2	3	Initial	170.874	0.025
Circuit 1	A1			ARA-APY-L00888007-0002	2	1	ARA-APY-L00888007-0003	2	1	Initial	136.840	-0.009
Circuit 1	B1			ARA-APY-L00888007-0002	2	2	ARA-APY-L00888007-0003	2	2	Initial	136.810	-0.013
Circuit 1	C1			ARA-APY-L00888007-0002	2	3	ARA-APY-L00888007-0003	2	3	Initial	136.764	-0.007
Circuit 1	A1			ARA-APY-L00888007-0003	2	1	ARA-APY-L00888007-0004	2	1	Initial	134.474	0.004
Circuit 1	B1			ARA-APY-L00888007-0003	2	2	ARA-APY-L00888007-0004	2	2	Initial	134.234	-0.008
Circuit 1	C1			ARA-APY-L00888007-0003	2	3	ARA-APY-L00888007-0004	2	3	Initial	134.023	0.009
Circuit 1	A1	50 LA 110		ARA-APY-L00888007-0004	21	1	ARA-APY-L00888007-0005	2	1	Initial	177.287	0.004
Circuit 1	B1			ARA-APY-L00888007-0004	21	2	ARA-APY-L00888007-0005	2	2	Initial	176.954	-0.012
Circuit 1	C1			ARA-APY-L00888007-0004	21	3	ARA-APY-L00888007-0005	2	3	Initial	176.888	0.001
Circuit 1	A1			ARA-APY-L00888007-0005	2	1	ARA-APY-L00888007-0006	2	1	Initial	189.308	0.004
Circuit 1	B1			ARA-APY-L00888007-0005	2	2	ARA-APY-L00888007-0006	2	2	Initial	189.487	-0.006
Circuit 1	C1			ARA-APY-L00888007-0005	2	3	ARA-APY-L00888007-0006	2	3	Initial	189.368	0.006
Circuit 1	A1			ARA-APY-L00888007-0006	2	1	ARA-APY-L00888007-0007	2	1	Initial	148.704	-0.009
Circuit 1	B1			ARA-APY-L00888007-0006	2	2	ARA-APY-L00888007-0007	2	2	Initial	148.606	-0.015
Circuit 1	C1			ARA-APY-L00888007-0006	2	3	ARA-APY-L00888007-0007	2	3	Initial	148.659	-0.008
Circuit 1	A1			ARA-APY-L00888007-0007	2	1	ARA-APY-L00888007-0008	2	1	Initial	189.069	0.006
Circuit 1	B1			ARA-APY-L00888007-0007	2	2	ARA-APY-L00888007-0008	2	2	Initial	189.161	-0.002
Circuit 1	C1			ARA-APY-L00888007-0007	2	3	ARA-APY-L00888007-0008	2	3	Initial	189.173	0.009

Circuit 1	A1			ARA-APY-L00888007-0008	2	1	ARA-APY-L00888007-0009	2	1	Initial	194.813	-0.004
Circuit 1	B1			ARA-APY-L00888007-0008	2	2	ARA-APY-L00888007-0009	2	2	Initial	194.723	0.004
Circuit 1	C1			ARA-APY-L00888007-0008	2	3	ARA-APY-L00888007-0009	2	3	Initial	194.624	0.012
Circuit 1	A1			ARA-APY-L00888007-0009	2	1	ARA-APY-L00888007-0010	2	1	Initial	185.347	-0.003
Circuit 1	B1			ARA-APY-L00888007-0009	2	2	ARA-APY-L00888007-0010	2	2	Initial	185.275	-0.011
Circuit 1	C1			ARA-APY-L00888007-0009	2	3	ARA-APY-L00888007-0010	2	3	Initial	185.325	-0.011
Circuit 1	A1			ARA-APY-L00888007-0010	2	1	ARA-APY-L00888007-0011	2	1	Initial	199.971	0.002
Circuit 1	B1			ARA-APY-L00888007-0010	2	2	ARA-APY-L00888007-0011	2	2	Initial	200.257	0.003
Circuit 1	C1			ARA-APY-L00888007-0010	2	3	ARA-APY-L00888007-0011	2	3	Initial	200.155	0.026
Circuit 1	A1	51 LA 110		ARA-APY-L00888007-0011	21	1	ARA-APY-L00888007-0012	2	1	Initial	200.832	-0.001
Circuit 1	B1			ARA-APY-L00888007-0011	21	2	ARA-APY-L00888007-0012	2	2	Initial	200.897	0.004
Circuit 1	C1			ARA-APY-L00888007-0011	21	3	ARA-APY-L00888007-0012	2	3	Initial	200.860	0.008
Circuit 1	A1			ARA-APY-L00888007-0012	2	1	ARA-APY-L00888007-0013	2	1	Initial	219.353	0.011
Circuit 1	B1			ARA-APY-L00888007-0012	2	2	ARA-APY-L00888007-0013	2	2	Initial	219.259	0.028
Circuit 1	C1			ARA-APY-L00888007-0012	2	3	ARA-APY-L00888007-0013	2	3	Initial	219.289	0.018
Circuit 1	A1			ARA-APY-L00888007-0013	2	1	ARA-APY-L00888007-0014	2	1	Initial	189.975	0.005
Circuit 1	B1			ARA-APY-L00888007-0013	2	2	ARA-APY-L00888007-0014	2	2	Initial	190.014	-0.004
Circuit 1	C1			ARA-APY-L00888007-0013	2	3	ARA-APY-L00888007-0014	2	3	Initial	189.949	-0.001
Circuit 1	A1			ARA-APY-L00888007-0014	2	1	ARA-APY-L00888007-0015	2	1	Initial	181.539	0.003
Circuit 1	B1			ARA-APY-L00888007-0014	2	2	ARA-APY-L00888007-0015	2	2	Initial	181.580	0.002
Circuit 1	C1			ARA-APY-L00888007-0014	2	3	ARA-APY-L00888007-0015	2	3	Initial	181.522	0.013
Circuit 1	A1			ARA-APY-L00888007-0015	2	1	ARA-APY-L00888007-0016	2	1	Initial	154.396	0.000

Circuit 1	B1			ARA-APY-L00888007-0015	2	2		ARA-APY-L00888007-0016	2	2	Initial	154.461	-0.002
Circuit 1	C1			ARA-APY-L00888007-0015	2	3		ARA-APY-L00888007-0016	2	3	Initial	154.479	0.005
Circuit 1	A1			ARA-APY-L00888007-0016	2	1		ARA-APY-L00888007-0017	2	1	Initial	176.071	0.003
Circuit 1	B1			ARA-APY-L00888007-0016	2	2		ARA-APY-L00888007-0017	2	2	Initial	176.148	0.016
Circuit 1	C1			ARA-APY-L00888007-0016	2	3		ARA-APY-L00888007-0017	2	3	Initial	176.568	0.018
Circuit 1	A1	52 LA 110		ARA-APY-L00888007-0017	21	1	ARA-APY-L00888007-0017_NUEVO_1		2	1	Initial	104.682	-0.001
Circuit 1	B1			ARA-APY-L00888007-0017	21	2	ARA-APY-L00888007-0017_NUEVO_1		2	2	Initial	104.882	0.013
Circuit 1	C1			ARA-APY-L00888007-0017	21	3	ARA-APY-L00888007-0017_NUEVO_1		2	3	Initial	105.541	-0.016
Circuit 1	A1	53 LA 110		ARA-APY-L00888005-0001	21	1		ARA-APY-L00888005-0002	2	1	Initial	149.808	-0.037
Circuit 1	B1			ARA-APY-L00888005-0001	21	2		ARA-APY-L00888005-0002	2	2	Initial	149.728	-0.024
Circuit 1	C1			ARA-APY-L00888005-0001	21	3		ARA-APY-L00888005-0002	2	3	Initial	149.960	-0.016
Circuit 1	A1	54 LA 110		ARA-APY-L00888005-0002	21	1		ARA-APY-L00888005-0003	2	1	Initial	122.069	-0.071
Circuit 1	B1			ARA-APY-L00888005-0002	21	2		ARA-APY-L00888005-0003	2	2	Initial	122.094	-0.173
Circuit 1	C1			ARA-APY-L00888005-0002	21	3		ARA-APY-L00888005-0003	2	3	Initial	121.880	0.011
Circuit 1	A1			ARA-APY-L00888005-0003	2	1		ARA-APY-L00888005-0004	2	1	Initial	123.464	-0.062
Circuit 1	B1			ARA-APY-L00888005-0003	2	2		ARA-APY-L00888005-0004	2	2	Initial	123.243	-0.077
Circuit 1	C1			ARA-APY-L00888005-0003	2	3		ARA-APY-L00888005-0004	2	3	Initial	123.253	-0.001
Circuit 1	A1			ARA-APY-L00888005-0004	2	1	ARA-APY-L00888005-0004_NUEVO		2	1	Initial	144.073	-0.078
Circuit 1	B1			ARA-APY-L00888005-0004	2	2	ARA-APY-L00888005-0004_NUEVO		2	2	Initial	144.070	-0.103
Circuit 1	C1			ARA-APY-L00888005-0004	2	3	ARA-APY-L00888005-0004_NUEVO		2	3	Initial	143.801	-0.016
Circuit 1	A1	55 LA 110		ARA-APY-L00888003-00C1	21	1		ARA-APY-L00888003-0002	2	1	Initial	132.807	-0.015
Circuit 1	B1			ARA-APY-L00888003-00C1	21	2		ARA-APY-L00888003-0002	2	2	Initial	132.000	-0.098

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 Circuit 1    C1                        ARA-APY-L00888003-00C1  21     3           ARA-APY-L00888003-0002   2
3      Initial    131.204      0.007
 Circuit 1    A1   56 LA 110            ARA-APY-L00888003-0002  21     1           ARA-APY-L00888003-0003   2
1      Initial    159.061     -0.042
 Circuit 1    B1                        ARA-APY-L00888003-0002  21     2           ARA-APY-L00888003-0003   2
2      Initial    158.591      0.007
 Circuit 1    C1                        ARA-APY-L00888003-0002  21     3           ARA-APY-L00888003-0003   2
3      Initial    157.571      0.039
 Circuit 1    A1   57 LA 110            ARA-APY-L00888003-0003  21     1           ARA-APY-L00888003-0004   2
1      Initial    101.099      0.141
 Circuit 1    B1                        ARA-APY-L00888003-0003  21     2           ARA-APY-L00888003-0004   2
2      Initial    101.914     -0.022
 Circuit 1    C1                        ARA-APY-L00888003-0003  21     3           ARA-APY-L00888003-0004   2
3      Initial    102.781     -0.022
 Circuit 1    A1   58 LA 110                    L00888019-002   21     1            L00888019-002_NUEVO_1   2
1      Initial     42.232      0.019
 Circuit 1    B1                           L00888019-002       21     2            L00888019-002_NUEVO_1   2
2      Initial     41.114      0.006
 Circuit 1    C1                           L00888019-002       21     3            L00888019-002_NUEVO_1   2
3      Initial     42.165      0.002
 Circuit 1    A1   59 LA 110             L00888019-002_NUEVO_1  21     1                         TERRENO   2
1      Initial     71.194     -0.039
 Circuit 1    B1                        L00888019-002_NUEVO_1   21     2                         TERRENO   2
2      Initial     71.054     -0.037
 Circuit 1    C1                        L00888019-002_NUEVO_1   21     3                         TERRENO   2
3      Initial     70.963     -0.019
 Circuit 1    A1   60 LA 110   ARA-APY-L00888001-0005D_NUEVO_1  21     1           ARA-APY-L00887002-0002   2
1      Initial    122.038      0.009
 Circuit 1    B1               ARA-APY-L00888001-0005D_NUEVO_1  21     2           ARA-APY-L00887002-0002   2
2      Initial    122.334      0.007
 Circuit 1    C1               ARA-APY-L00888001-0005D_NUEVO_1  21     3           ARA-APY-L00887002-0002   2
3      Initial    121.877     -0.009
 Circuit 1    A1   61 LA 110            ARA-APY-L00887002-0002  21     1           ARA-APY-L00887002-0003   2
1      Initial     81.591      0.020
 Circuit 1    B1                        ARA-APY-L00887002-0002  21     2           ARA-APY-L00887002-0003   2
2      Initial     81.758     -0.013
 Circuit 1    C1                        ARA-APY-L00887002-0002  21     3           ARA-APY-L00887002-0003   2
3      Initial     82.138      0.005
 Circuit 1    A1   62 LA 110            ARA-APY-L00887002-0003  21     1           ARA-APY-L00887002-0004   2
1      Initial    156.627      0.000
 Circuit 1    B1                        ARA-APY-L00887002-0003  21     2           ARA-APY-L00887002-0004   2
2      Initial    156.814      0.031
 Circuit 1    C1                        ARA-APY-L00887002-0003  21     3           ARA-APY-L00887002-0004   2
3      Initial    157.249     -0.005
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Circuit 1	A1	63 LA 110			ARA-APY-L00887002-0004	21	1		ARA-APY-L00887002-0005	2	
1	Initial	130.981	-0.015								
Circuit 1	B1				ARA-APY-L00887002-0004	21	2		ARA-APY-L00887002-0005	2	
2	Initial	131.336	-0.266								
Circuit 1	C1				ARA-APY-L00887002-0004	21	3		ARA-APY-L00887002-0005	2	
3	Initial	131.702	-0.119								
Circuit 1	A1	64 LA 110			ARA-APY-L00887002-0005	21	1		ARA-APY-L00887002-0006	2	
1	Initial	151.068	-0.037								
Circuit 1	B1				ARA-APY-L00887002-0005	21	2		ARA-APY-L00887002-0006	2	
2	Initial	150.930	-0.051								
Circuit 1	C1				ARA-APY-L00887002-0005	21	3		ARA-APY-L00887002-0006	2	
3	Initial	150.844	-0.032								
Circuit 1	A1				ARA-APY-L00887002-0006	2	1		ARA-APY-L00887002-0007	2	
1	Initial	45.862	-0.008								
Circuit 1	B1				ARA-APY-L00887002-0006	2	2		ARA-APY-L00887002-0007	2	
2	Initial	46.129	0.002								
Circuit 1	C1				ARA-APY-L00887002-0006	2	3		ARA-APY-L00887002-0007	2	
3	Initial	46.054	-0.008								
Circuit 1	A1	65 LA 110			ARA-APY-L00887002-0007	21	1		ARA-APY-L00887002-0008	2	
1	Initial	107.668	0.019								
Circuit 1	B1				ARA-APY-L00887002-0007	21	2		ARA-APY-L00887002-0008	2	
2	Initial	107.068	-0.002								
Circuit 1	C1				ARA-APY-L00887002-0007	21	3		ARA-APY-L00887002-0008	2	
3	Initial	106.537	-0.002								
Circuit 2	A2	66 LA 110			ARA-APY-L00888001-0006D	25	1		ARA-APY-L00888001-0005D	26	
1	Initial	90.303	-0.016								
Circuit 2	B2				ARA-APY-L00888001-0006D	25	2		ARA-APY-L00888001-0005D	26	
2	Initial	90.300	0.005								
Circuit 2	C2				ARA-APY-L00888001-0006D	25	3		ARA-APY-L00888001-0005D	26	
3	Initial	90.022	0.005								
Circuit 2	A2	67 LA 110			ARA-APY-L00888001-0005D	25	1		ARA-APY-L00888001-0004d	26	
1	Initial	88.574	-0.000								
Circuit 2	B2				ARA-APY-L00888001-0005D	25	2		ARA-APY-L00888001-0004d	26	
2	Initial	88.362	0.015								
Circuit 2	C2				ARA-APY-L00888001-0005D	25	3		ARA-APY-L00888001-0004d	26	
3	Initial	88.567	0.043								
Circuit 2	A2	68 LA 110			ARA-APY-L00888001-0004d	25	1		ARA-APY-L00888001-0003D	25	
1	Initial	166.287	-0.170								
Circuit 2	B2				ARA-APY-L00888001-0004d	25	2		ARA-APY-L00888001-0003D	25	
2	Initial	166.221	-0.053								
Circuit 2	C2				ARA-APY-L00888001-0004d	25	3		ARA-APY-L00888001-0003D	25	
3	Initial	166.302	0.029								
Circuit 2	A2				ARA-APY-L00888001-0003D	25	1		ARA-APY-L00888001-0002D	25	
1	Initial	167.498	-0.174								

Circuit 2	B2			ARA-APY-L00888001-0003D	25	2		ARA-APY-L00888001-0002D	25		
2	Initial	167.580	-0.066								
Circuit 2	C2			ARA-APY-L00888001-0003D	25	3		ARA-APY-L00888001-0002D	25		
3	Initial	167.261	0.015								
Circuit 2	A2			ARA-APY-L00888001-0002D	25	1		ARA-APY-L00888001-0001D	25		
1	Initial	142.929	-0.124								
Circuit 2	B2			ARA-APY-L00888001-0002D	25	2		ARA-APY-L00888001-0001D	25		
2	Initial	142.895	-0.046								
Circuit 2	C2			ARA-APY-L00888001-0002D	25	3		ARA-APY-L00888001-0001D	25		
3	Initial	143.207	0.012								
Circuit 2	A2			ARA-APY-L00888001-0001D	25	1		ARA-APY-L00887001-000D	25		
1	Initial	110.133	-0.074								
Circuit 2	B2			ARA-APY-L00888001-0001D	25	2		ARA-APY-L00887001-000D	25		
2	Initial	109.675	-0.036								
Circuit 2	C2			ARA-APY-L00888001-0001D	25	3		ARA-APY-L00887001-000D	25		
3	Initial	109.889	-0.004								

Structure Material List Report

Structure File Name	Number in Selected Line	Number in All Lines
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E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#102.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#103.stk	1	1
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E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#53.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#55.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#56.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#57.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#58.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#62.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#63.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#64.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#65.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#68.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#7.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#75.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#81.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#82.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#83.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#84.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#87.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#88.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#89.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#90.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#91.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#92.stk 1 1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#93.stk 1 1

E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#94.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#95.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#98.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.#99.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Deadend Clamp.stk	0	0
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#10.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#107.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#11.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#12.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#13.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#14.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#15.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#20.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#21.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#23.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#24.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#26.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#27.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#28.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#29.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#39.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#42.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#45.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#46.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#54.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#6.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#66.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#67.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#69.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#70.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#71.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#72.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#73.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#74.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#76.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#77.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#78.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#79.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#8.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#80.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#85.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#86.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#9.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#96.stk	1	1

E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.#97.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Clamp.stk	0	0
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#59.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#60.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.#61.stk	1	1
E:\PLS CADD Aerolaser\12721_BERBEGAL\Structures\Susp Post.stk	0	0
Total number of structures =	110	110

Cable Material List Report

Notes: Lengths are arc lengths along the wire at 15 (deg C), Creep.
Lengths are adjusted for the number of phases, the number of subconductors and to exclude the length of strain insulators.
Lengths are computed with any concentrated loads removed.

Cable File Name	Number Of Sections	Cable Length At Stringing Condition (m)
E:\PLS CADD Aerolaser\12721_BERBEGAL\Cables\LA 110	68	48048