

MMI 0013 Supplement Document - Clearances for spans over 600m

Spans greater than 600m shall use the trimming dimensions specified in this annexure. Vegetation trimming dimensions provided, are calculated based on parameters specific for each span, based on the information that is current at the time of publication of this standard. Where new spans, which are greater than 600m, are identified or updated parameters become available, new vegetation trimming dimensions must be requested from Mains Assets, Assets Standards and Design.

This annexure provides both the 1/6th and 2/3rd clearances, as well as a curve that may be applied at any point on a span. This provides the flexibility to assess on a case by case basis the ideal balance between simplifying identification of defects and minimising the volume of clearing required.

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Map U01054

PL462131 --- PL462129

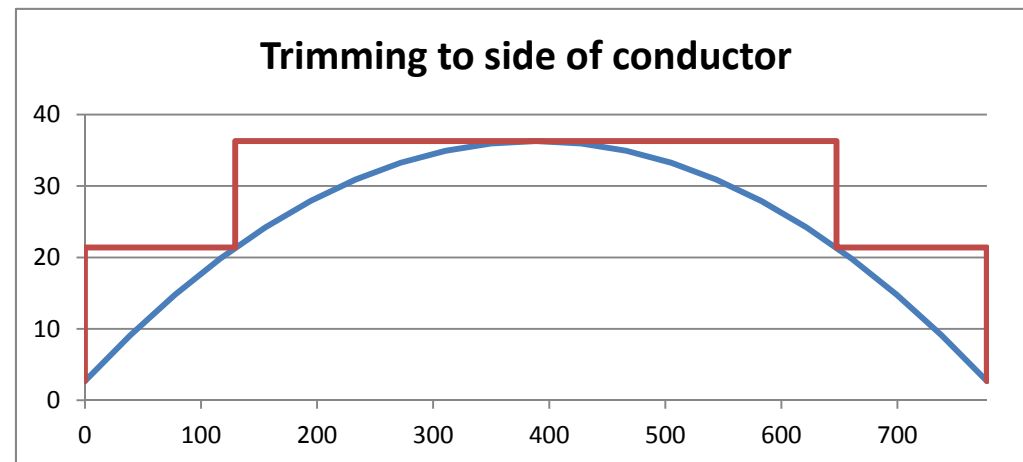
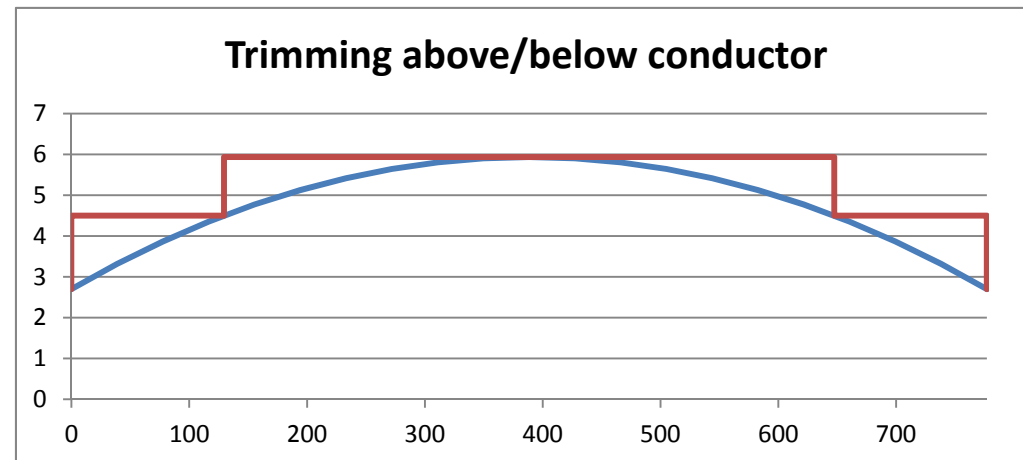
Span length 777.056m
 Voltage 11kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 21.5m
 Blowout at mid span 36.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U010541

PL928711 --- PL928713

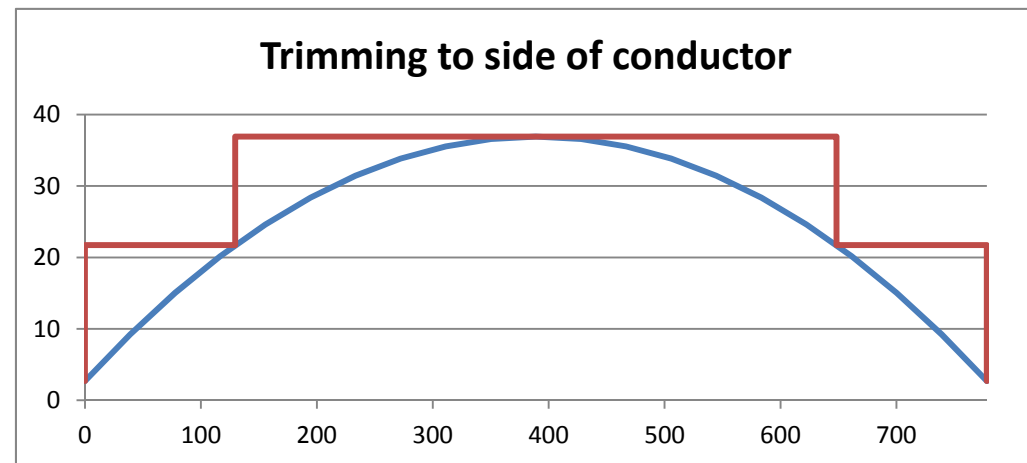
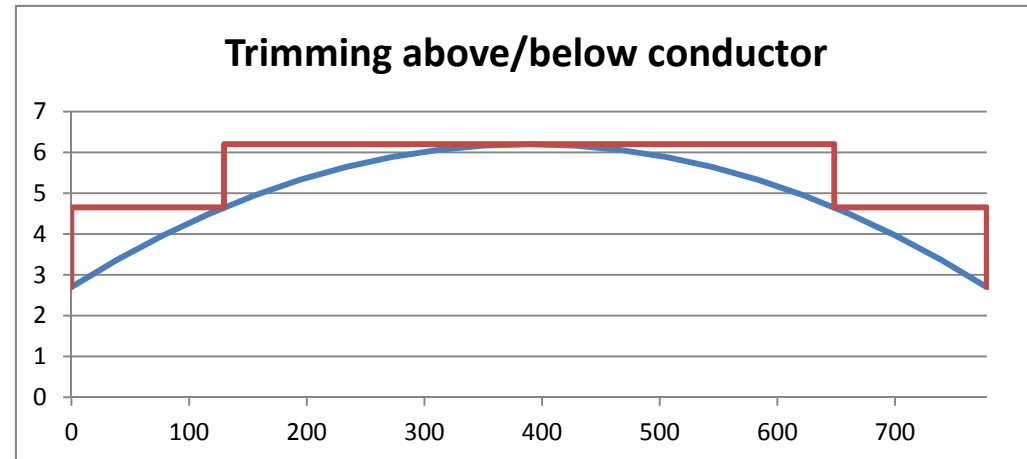
Span length 778m
Voltage 22kV
Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 22m
Blowout at mid span 37m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U0142

PL463998 --- PL464047

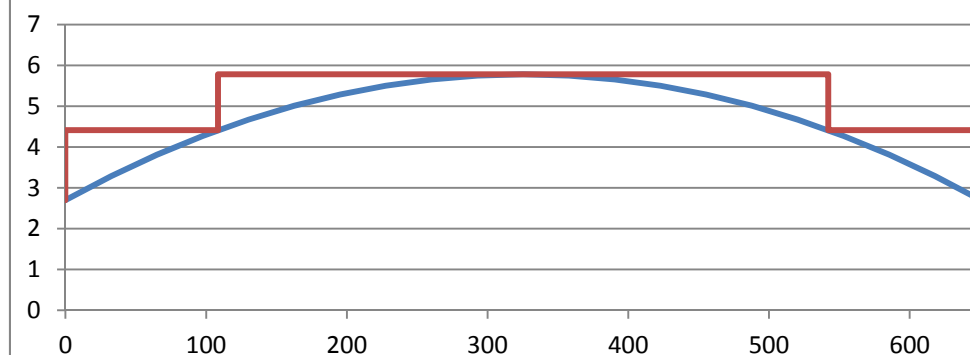
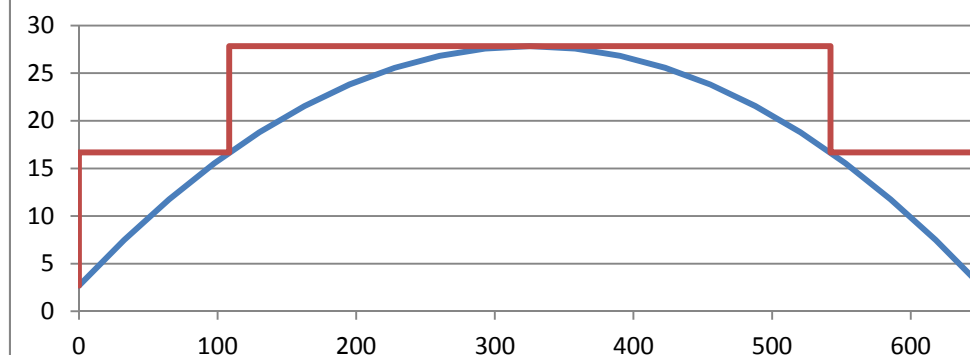
Span length 650.6m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 17m
 Blowout at mid span 28m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U0142

PL464013 --- PL722229

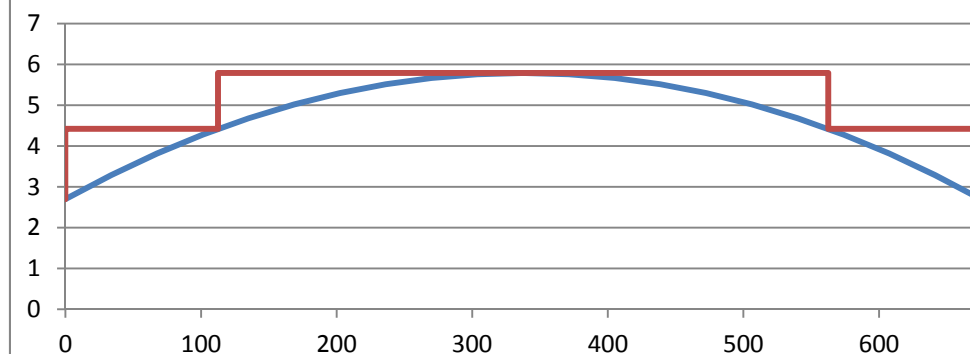
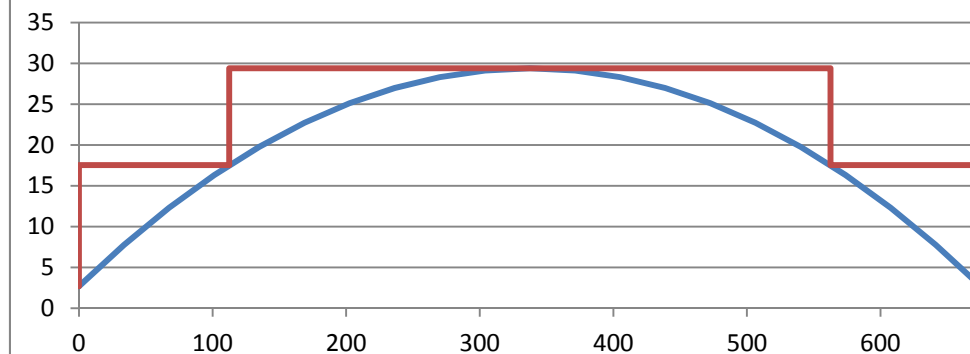
Span length 675.1m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 18m
 Blowout at mid span 29.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U01501

PL460538 --- PL752284

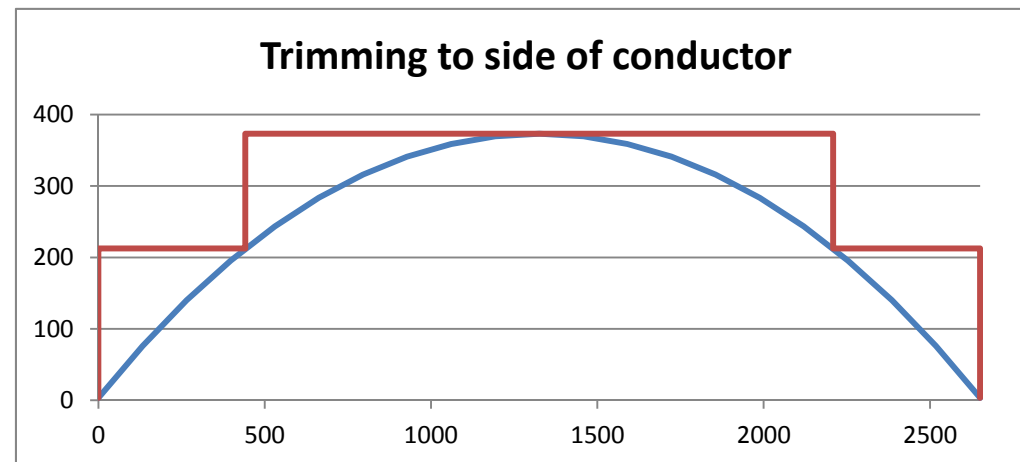
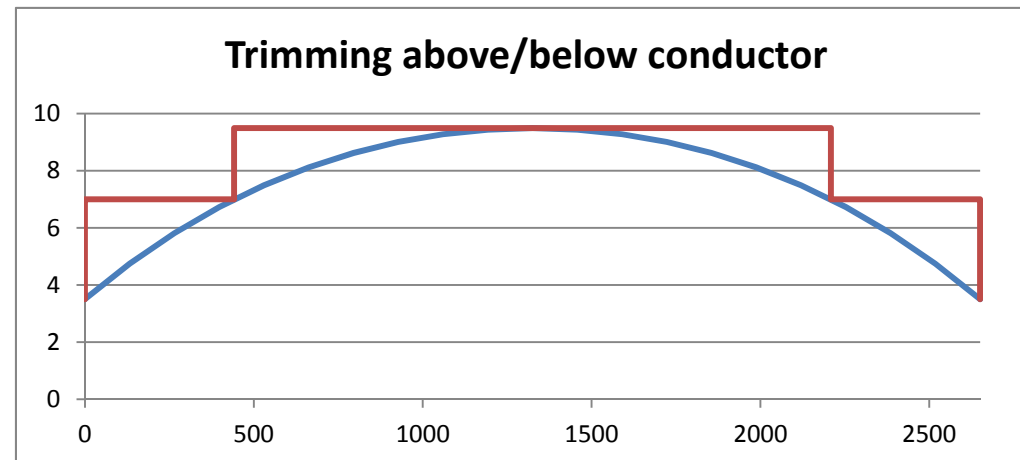
Span length 2650.7m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 7m
 Above/below at mid span 9.5m
 Blowout at 1/6 span 212.5m
 Blowout at mid span 373m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U0195

PL468426 --- PL468427

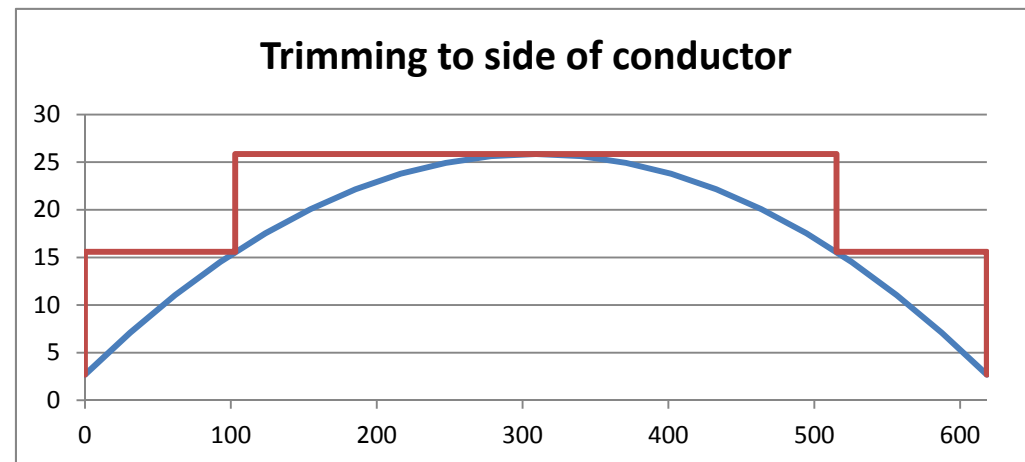
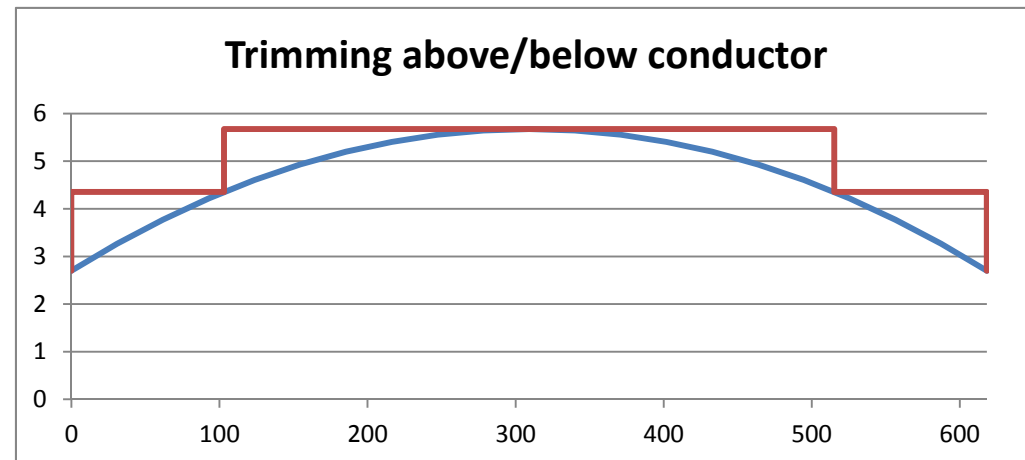
Span length 618.3m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16m
 Blowout at mid span 26m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U0195

PL468418 --- PL468423

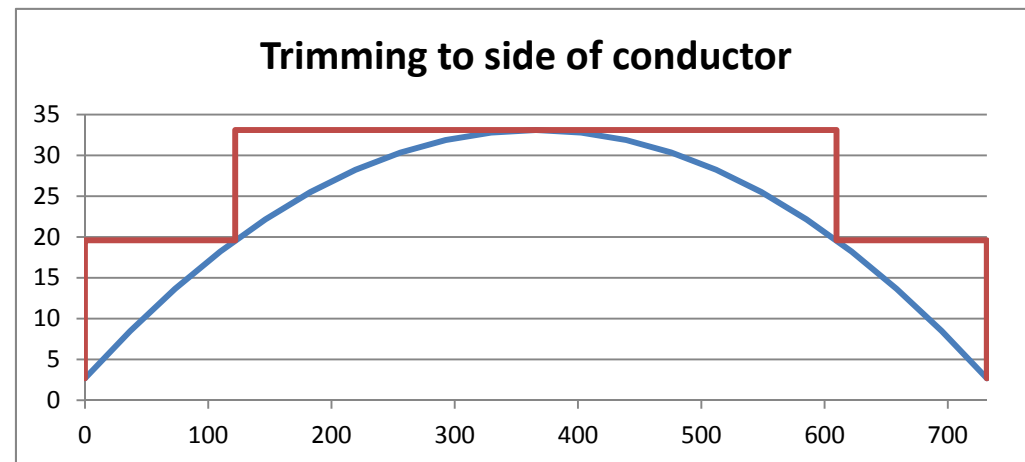
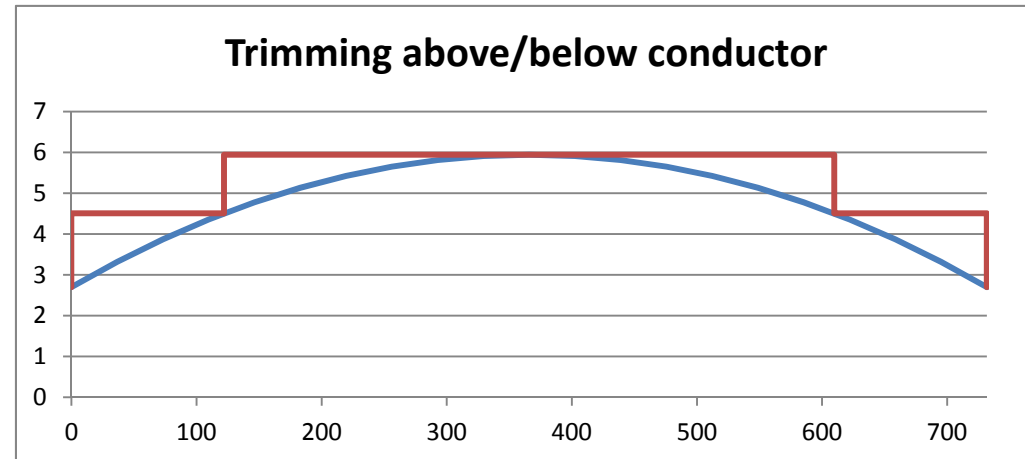
Span length 731.7m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 20m
 Blowout at mid span 33.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1000

PL3TV023 --- PL3TV024

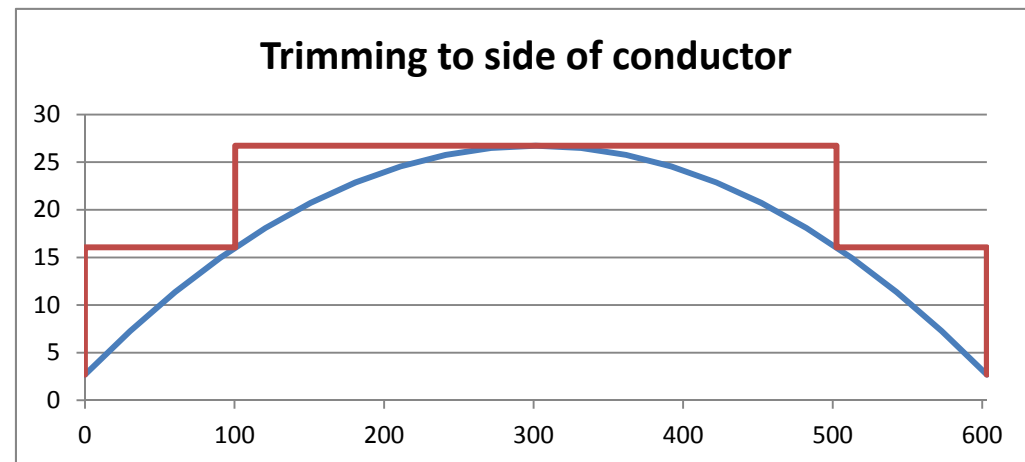
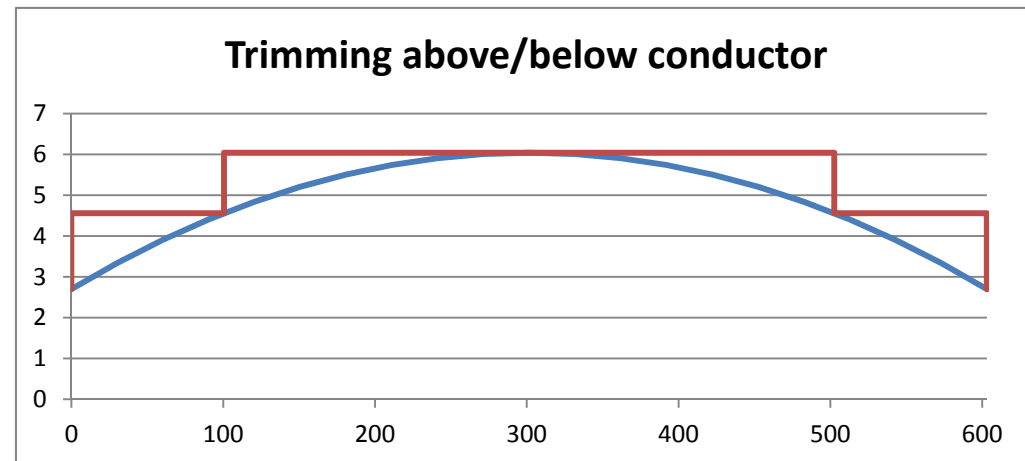
Span length 603.1m
 Voltage 22kV
 Conductor Quince

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U10053

PL791305 --- PL791308

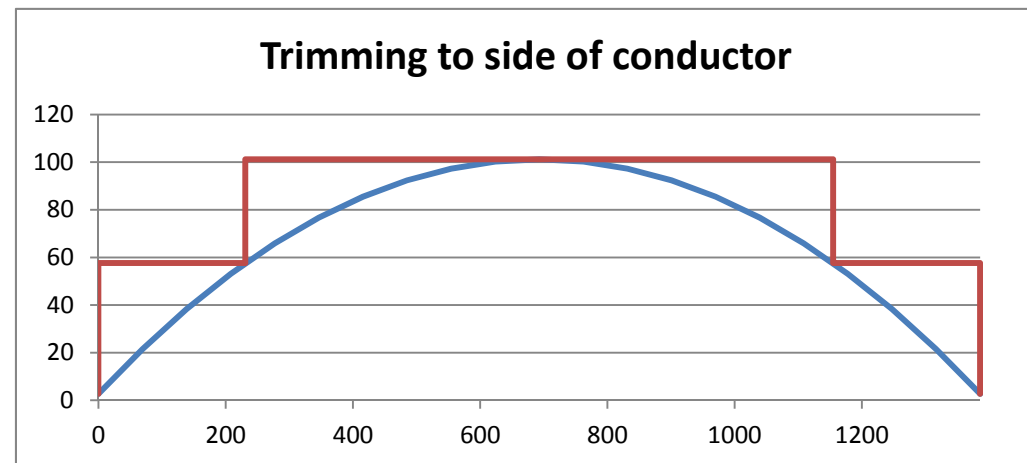
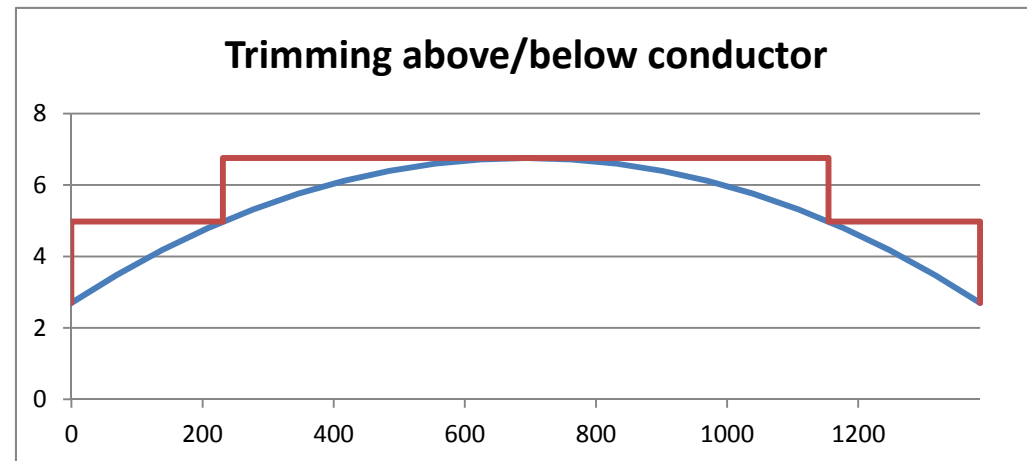
Span length 1385.8m
Voltage 22kV
Conductor Walnut

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 7m
Blowout at 1/6 span 58m
Blowout at mid span 101.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1027

PL466242 --- PL790420

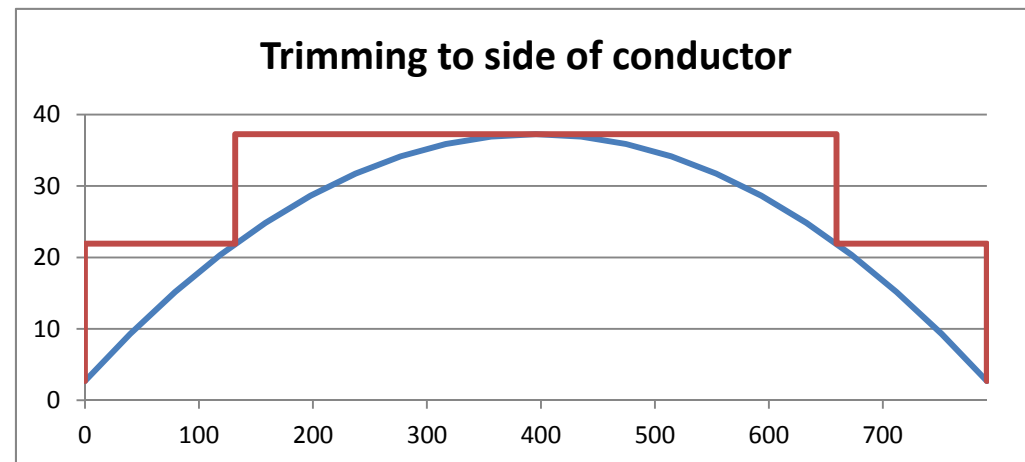
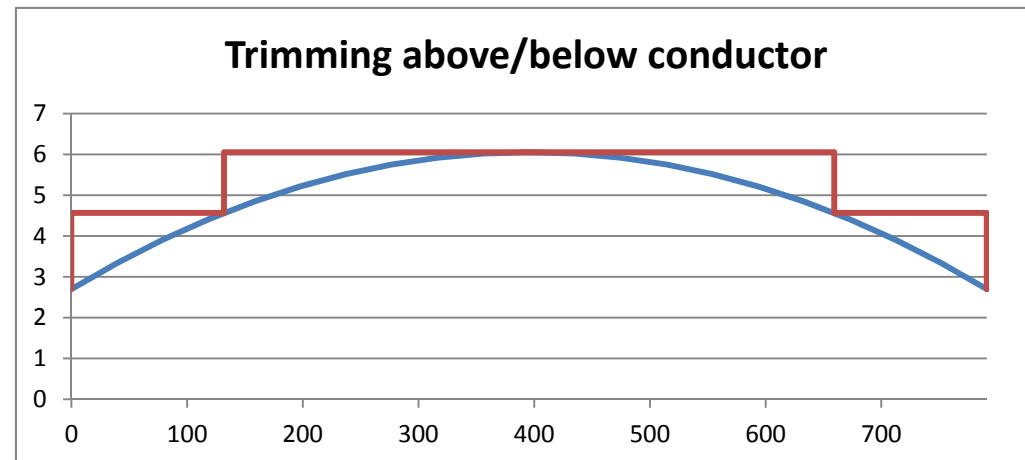
Span length 791.24m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 22m
 Blowout at mid span 37.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1027

PL466253 --- PL466242

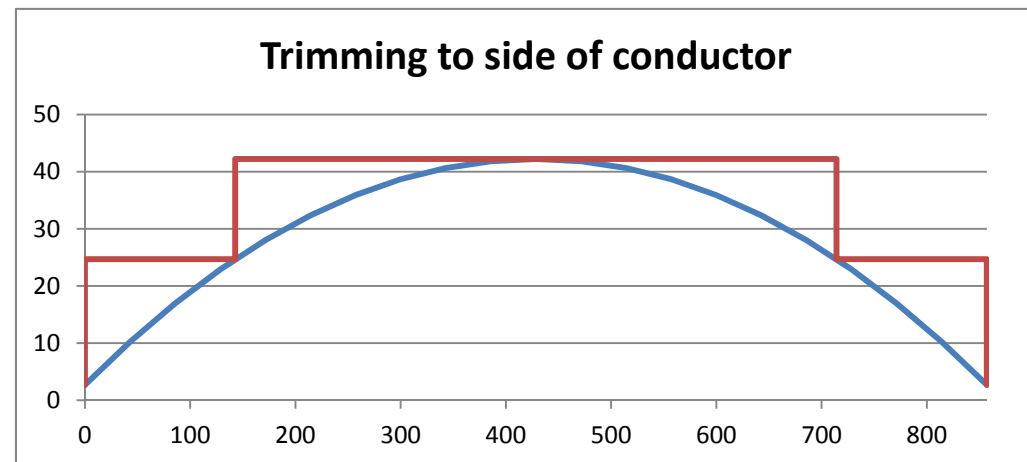
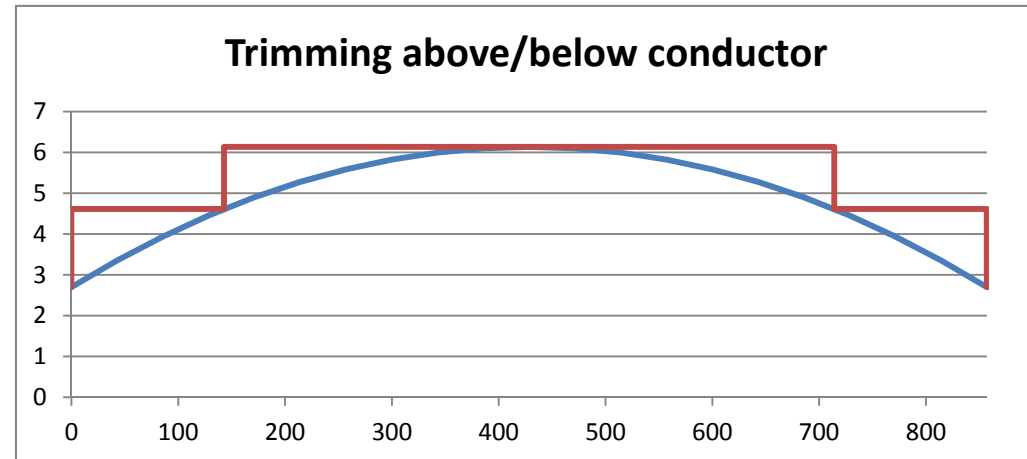
Span length 857.032m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 25m
 Blowout at mid span 42.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1035

PL266157 --- PL328277

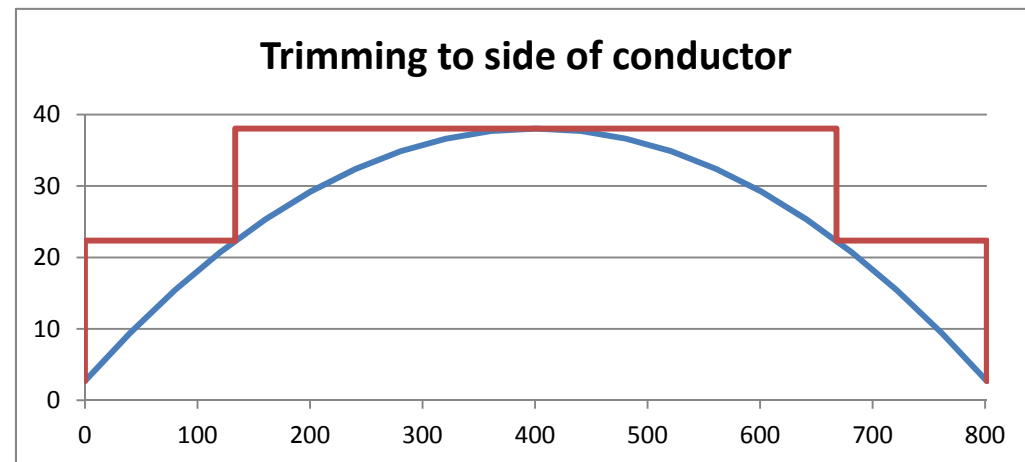
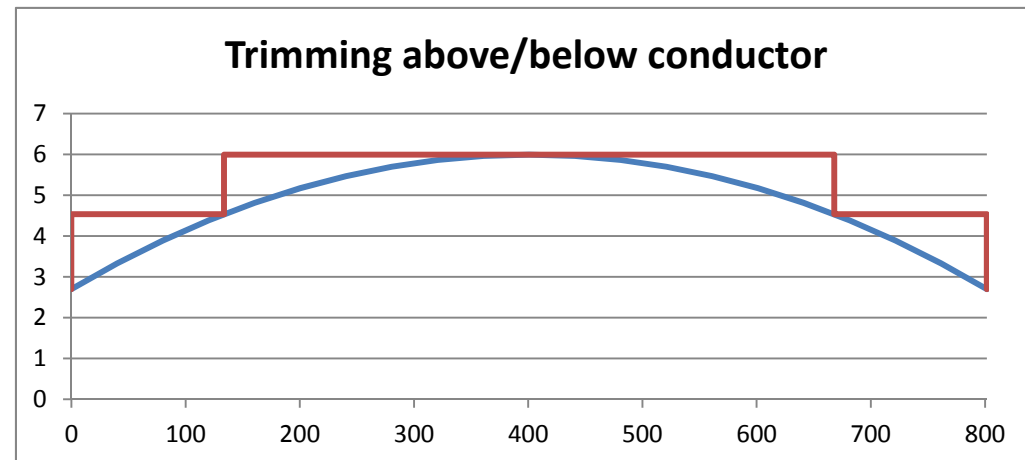
Span length 801.6m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 22.5m
 Blowout at mid span 38.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1042

PL466346 --- PL466350

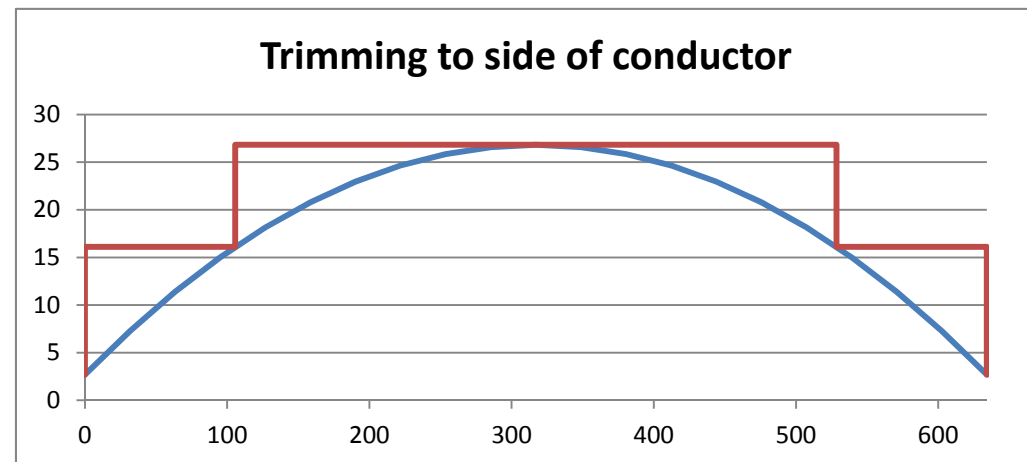
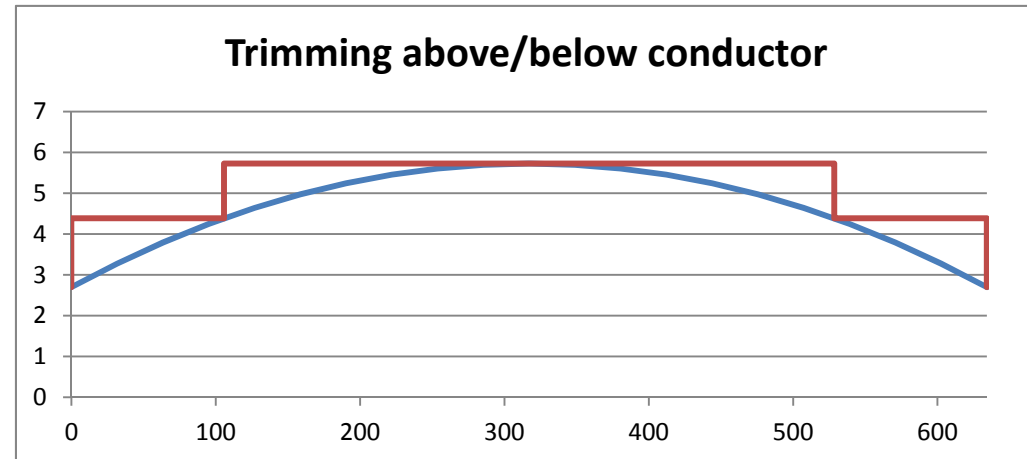
Span length 634.2m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1042

PL466317 --- PL749234

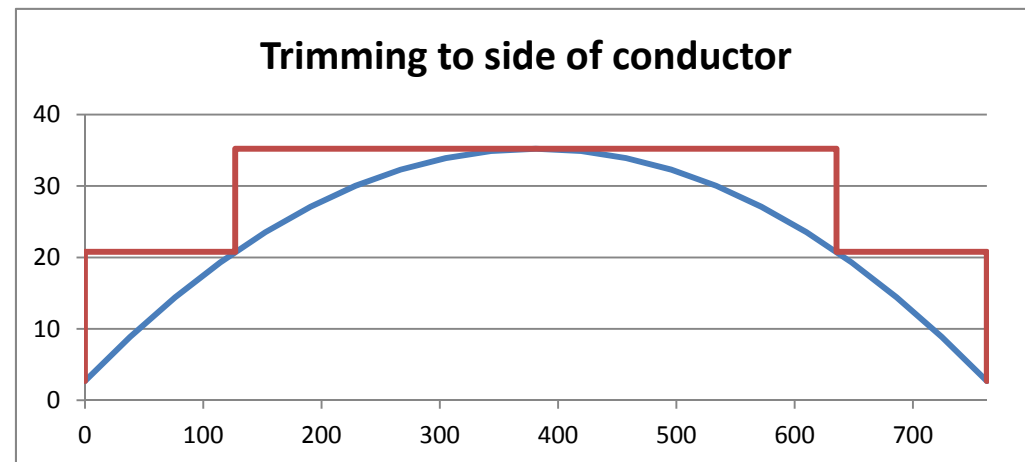
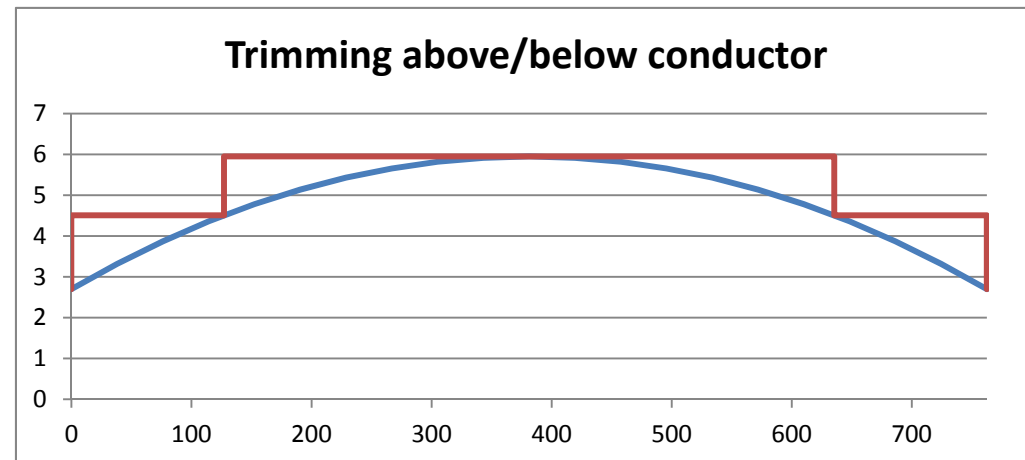
Span length 762.542m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 21m
 Blowout at mid span 35.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1067

PL306631 --- PL836136

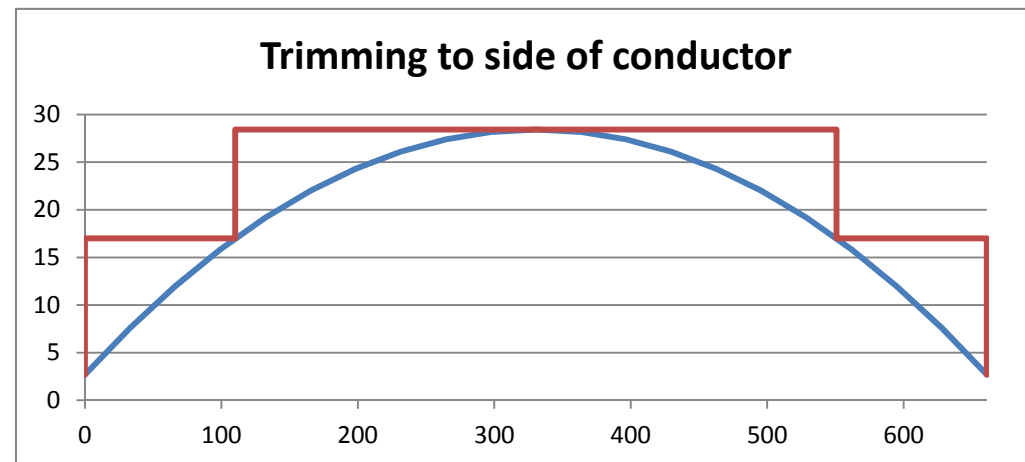
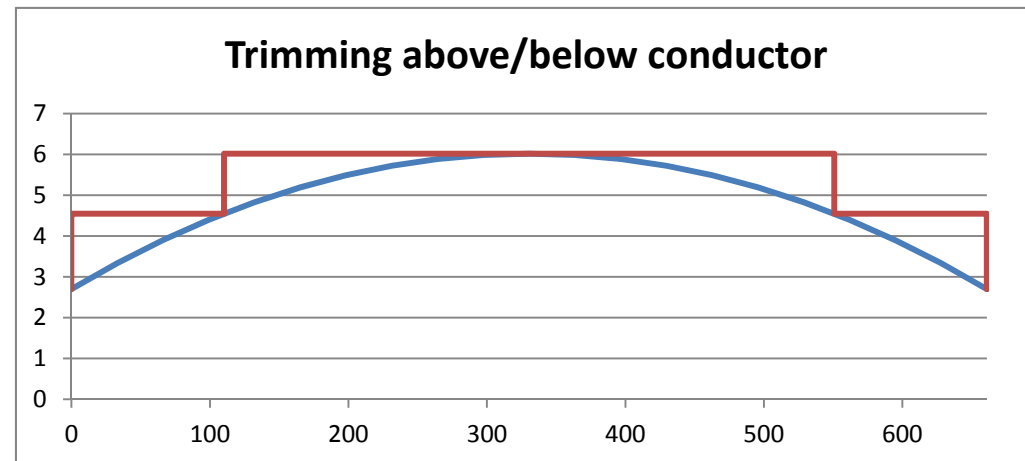
Span length 661m
 Voltage 22kV
 Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 17m
 Blowout at mid span 28.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1067

PL859650 --- PL859651

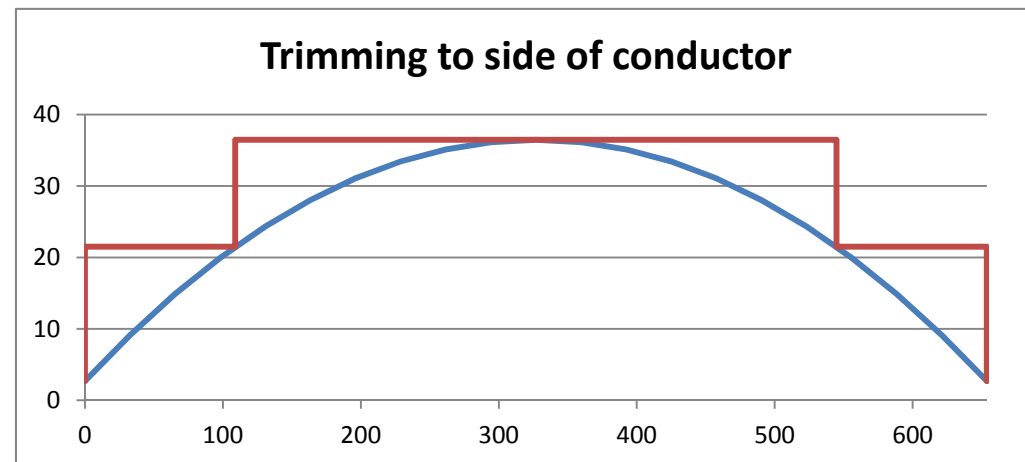
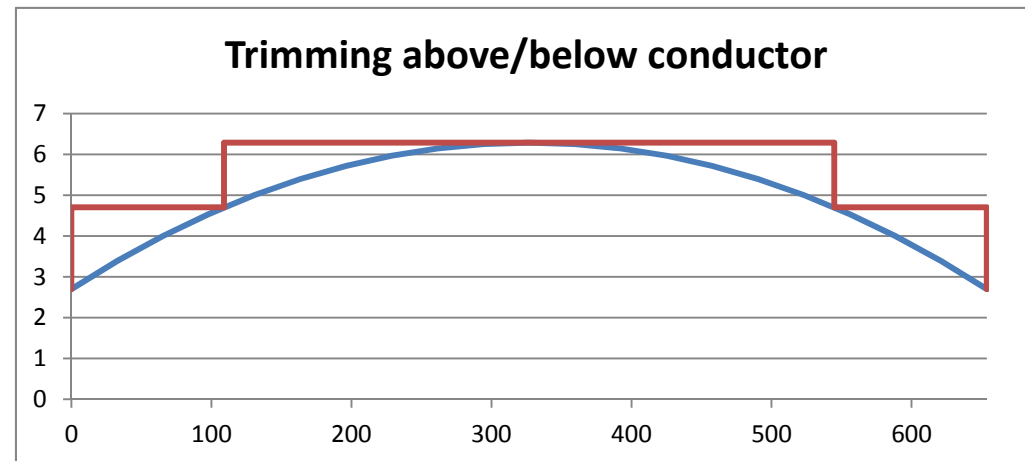
Span length 653.8m
 Voltage 22kV
 Conductor Cherry

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 21.5m
 Blowout at mid span 36.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1072

PL468635 --- PL468670

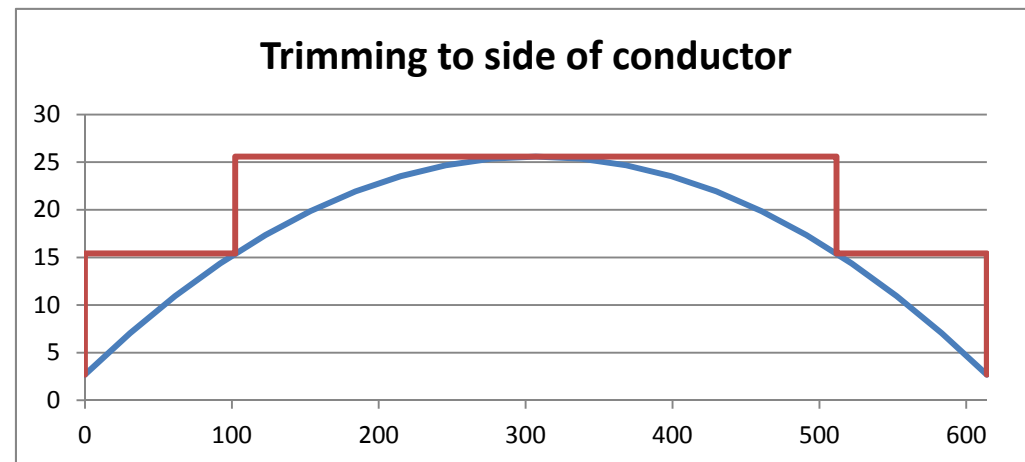
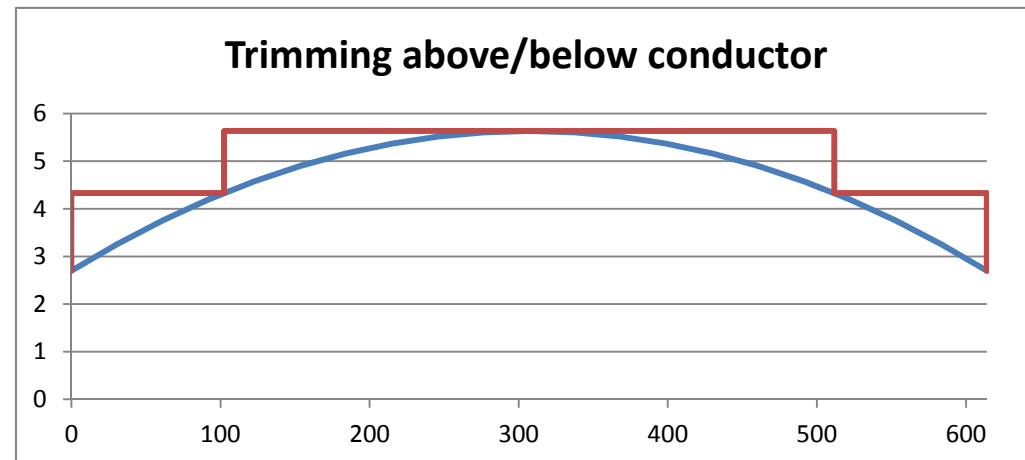
Span length 614m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 15.5m
 Blowout at mid span 26m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1087

PL722566 --- PL826035

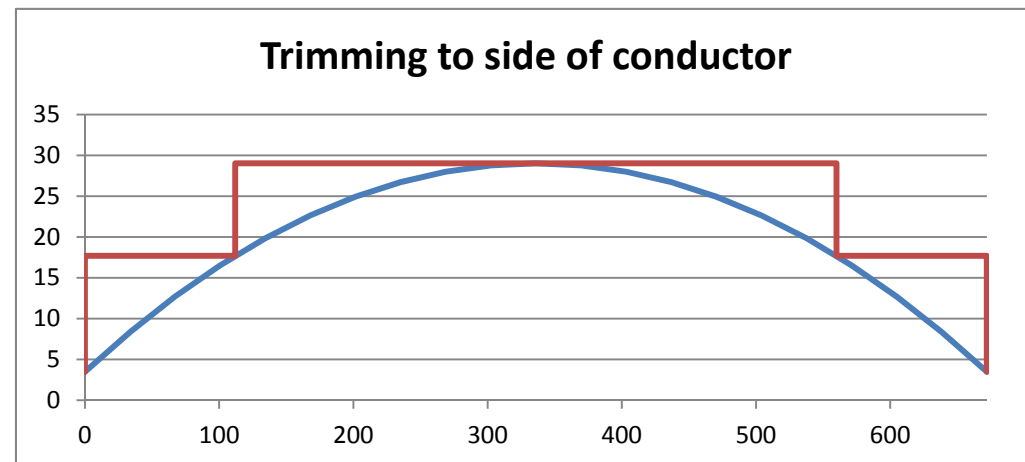
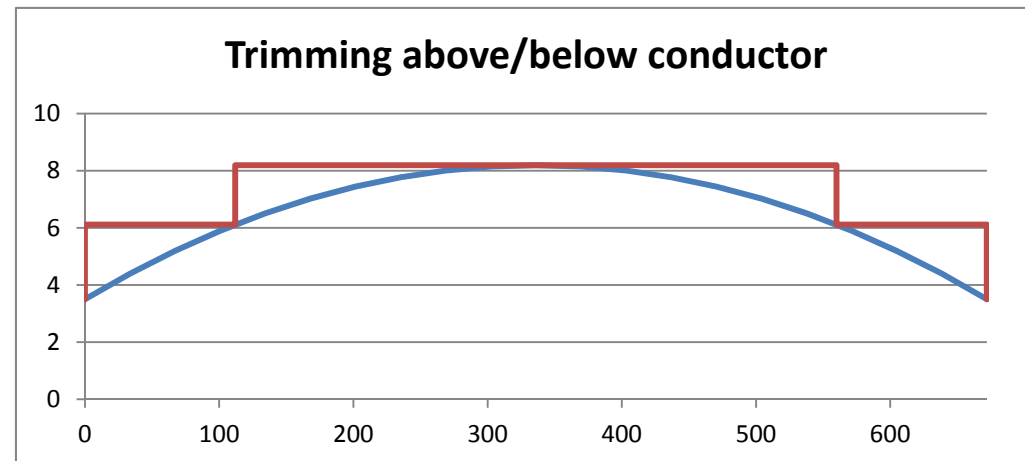
Span length 672m
 Voltage 132kV
 Conductor Walnut

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 18m
 Blowout at mid span 29m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1087

PL468896 --- PL468900

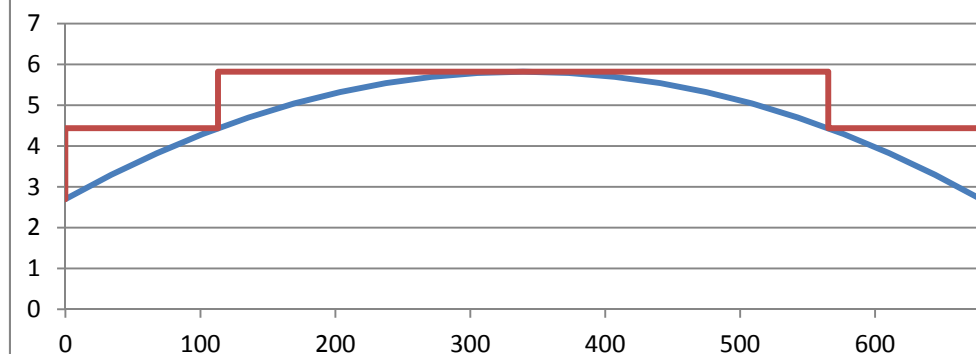
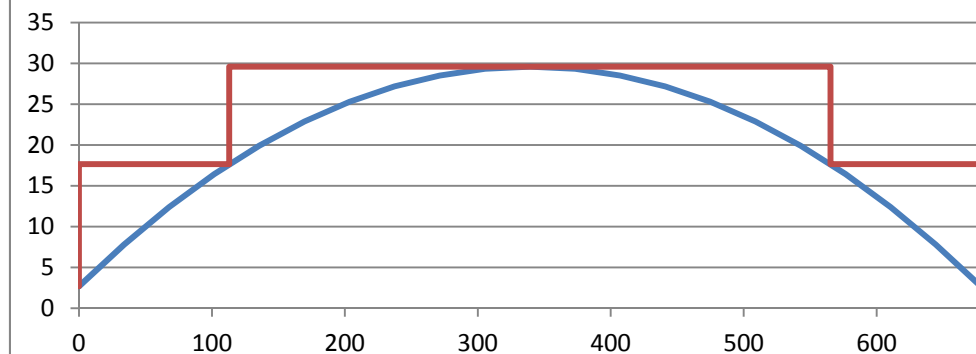
Span length 678.4m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 18m
 Blowout at mid span 30m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

- Standard 1/6 - 2/3 - 1/6 steps along span
- Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U10906

PL402030 --- PL402137

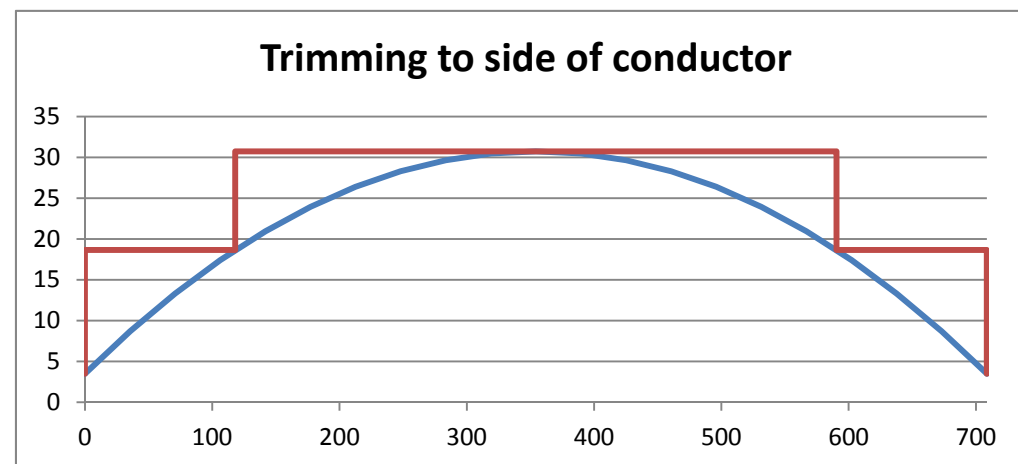
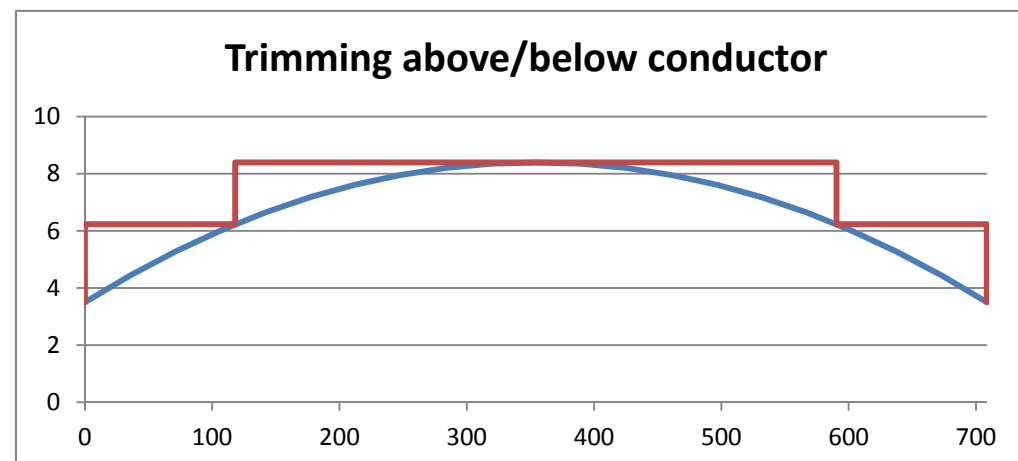
Span length 708.6m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 19m
 Blowout at mid span 31m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U10909

PL404880 --- PL404886

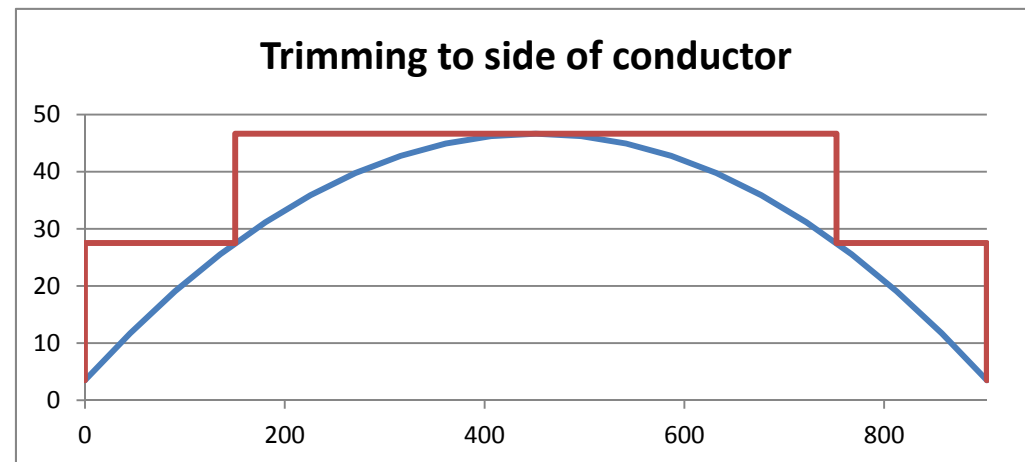
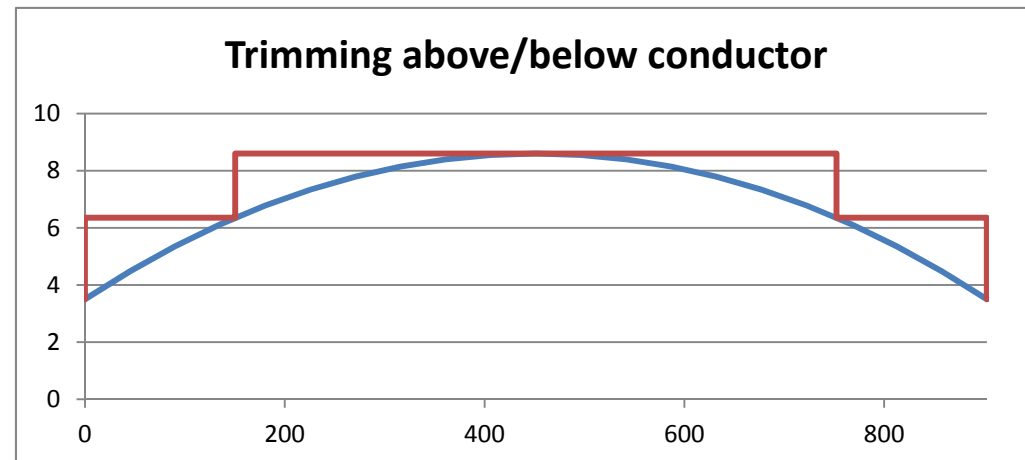
Span length 902.8m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 27.5m
 Blowout at mid span 47m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1095

PL468982 --- PL469022

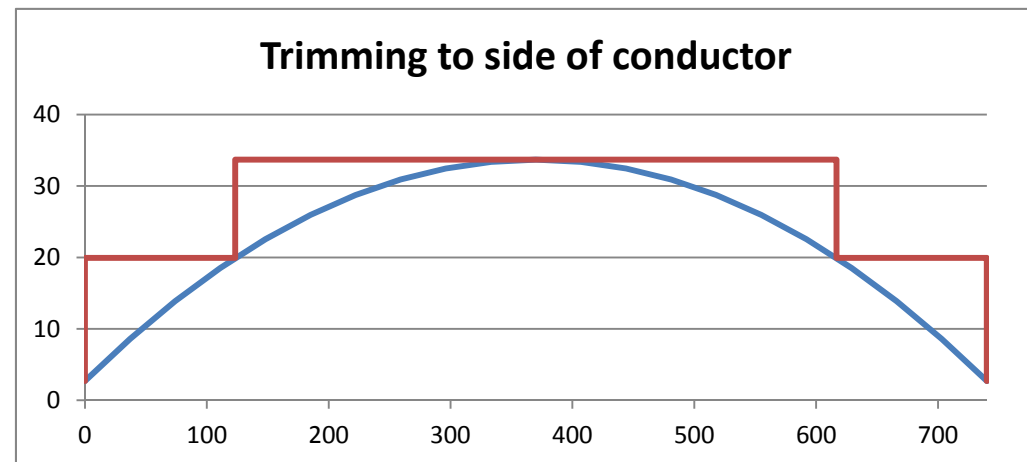
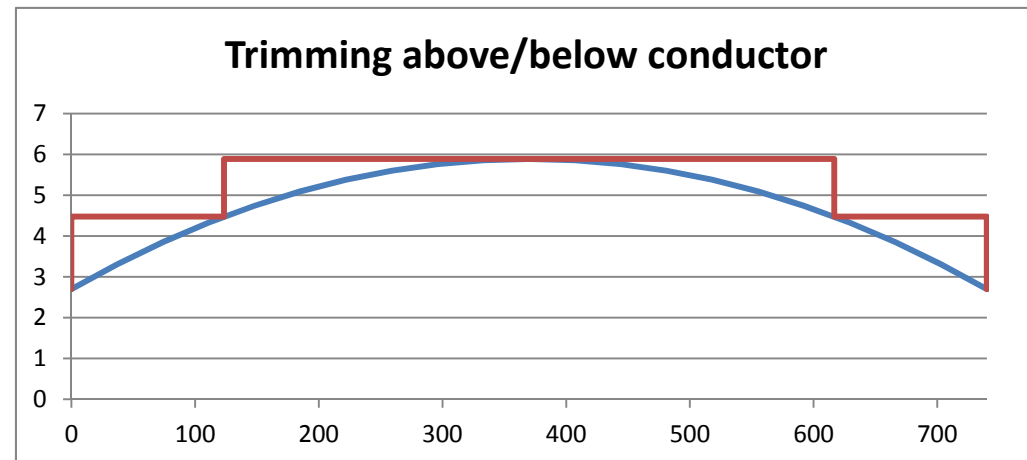
Span length 740.1m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 20m
 Blowout at mid span 34m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U10975

PL407498 --- PL754916

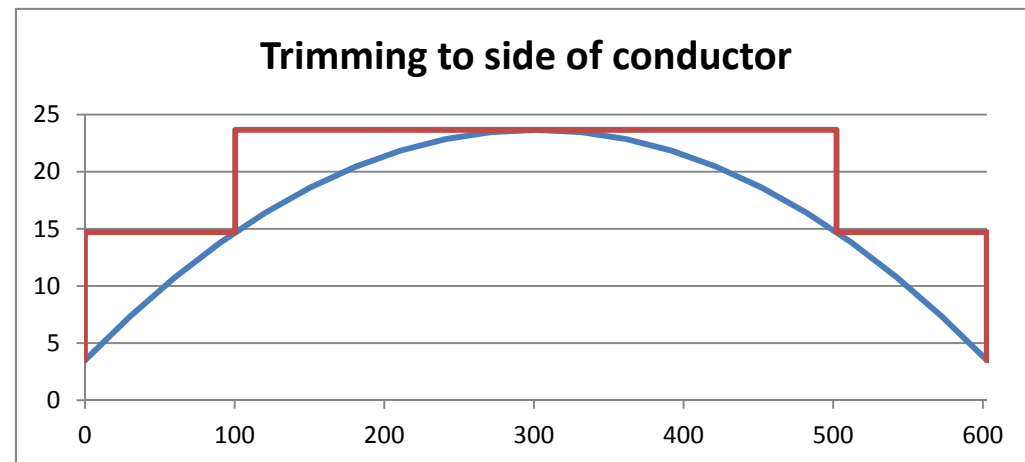
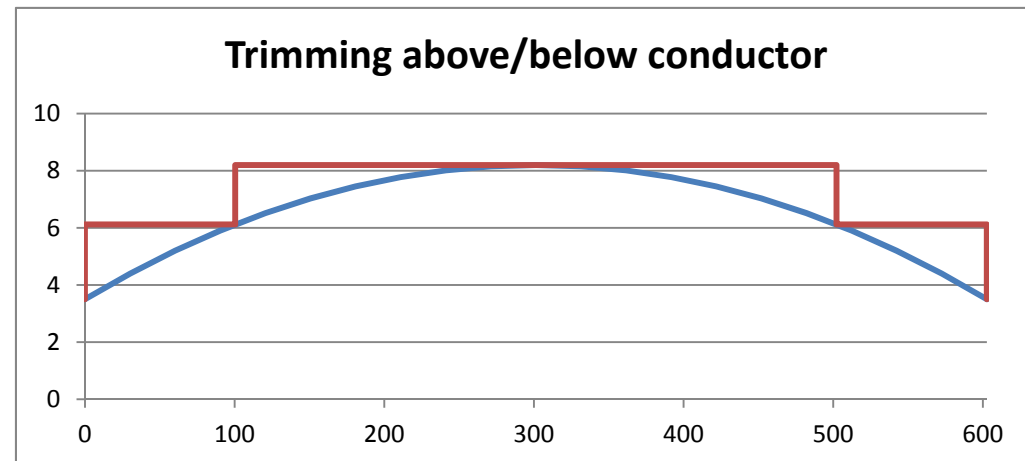
Span length 602.7m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 15m
Blowout at mid span 24m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U10975

PL407661 --- PL408127

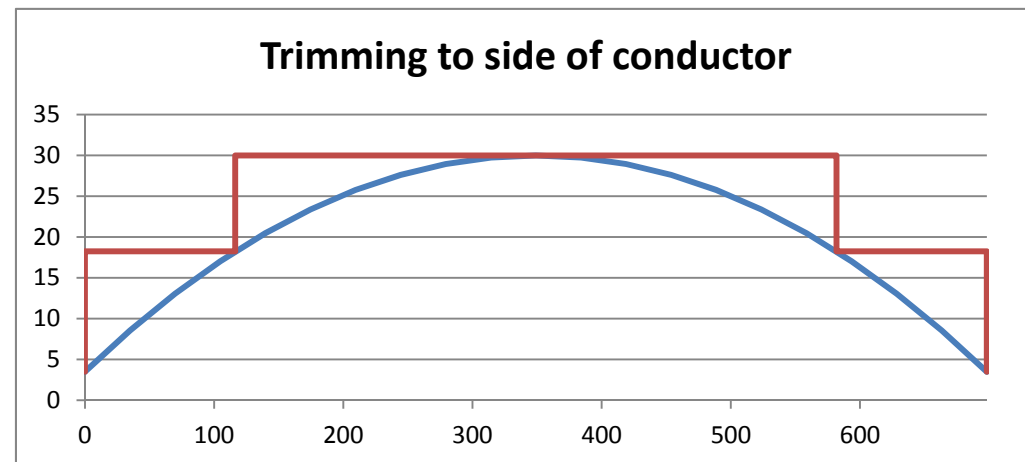
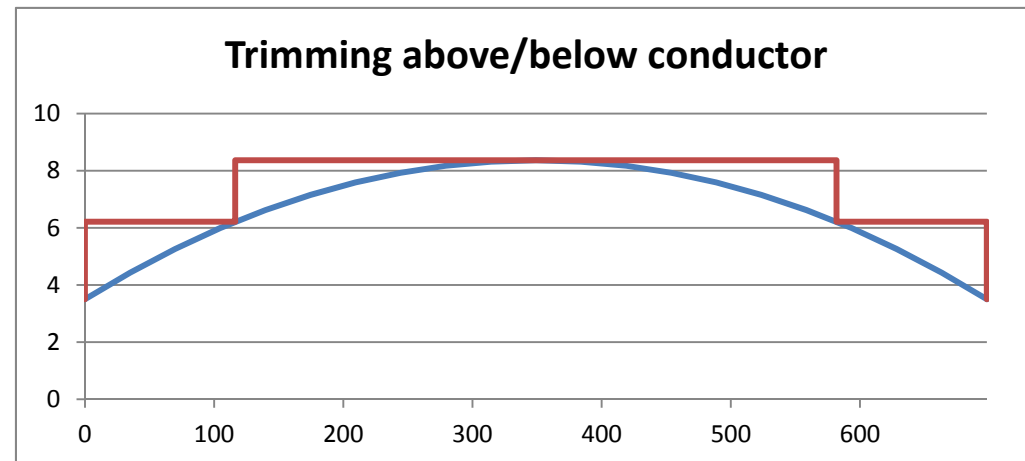
Span length 698.2m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 18.5m
Blowout at mid span 30m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1965

PL467047 --- PL469455

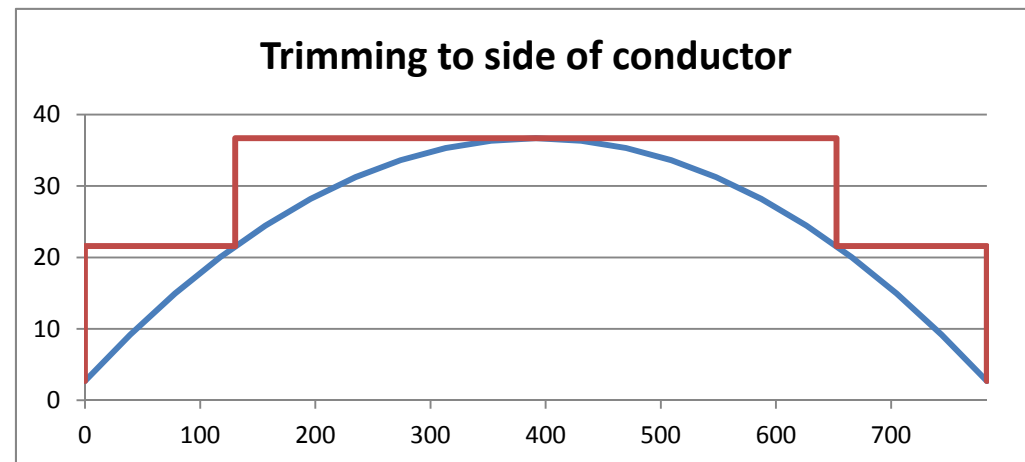
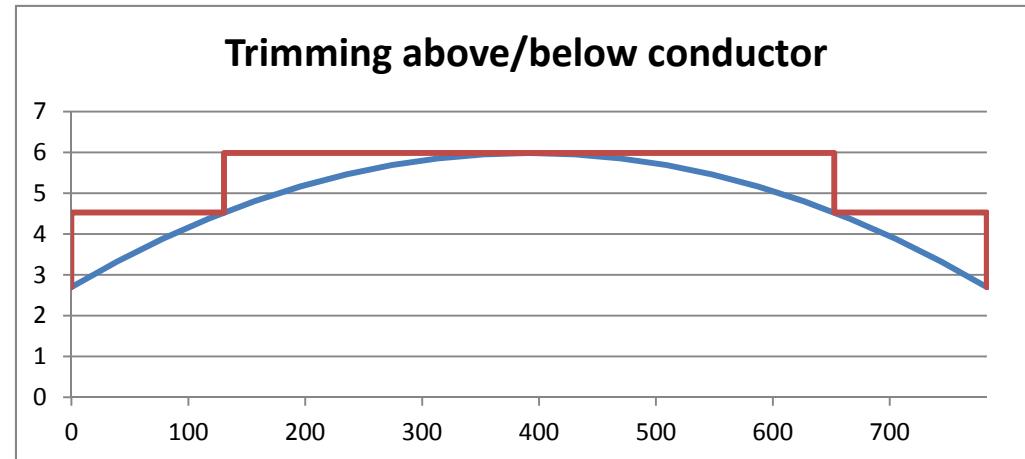
Span length 783.1m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 22m
 Blowout at mid span 37m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1972

PL468494 --- PL906628

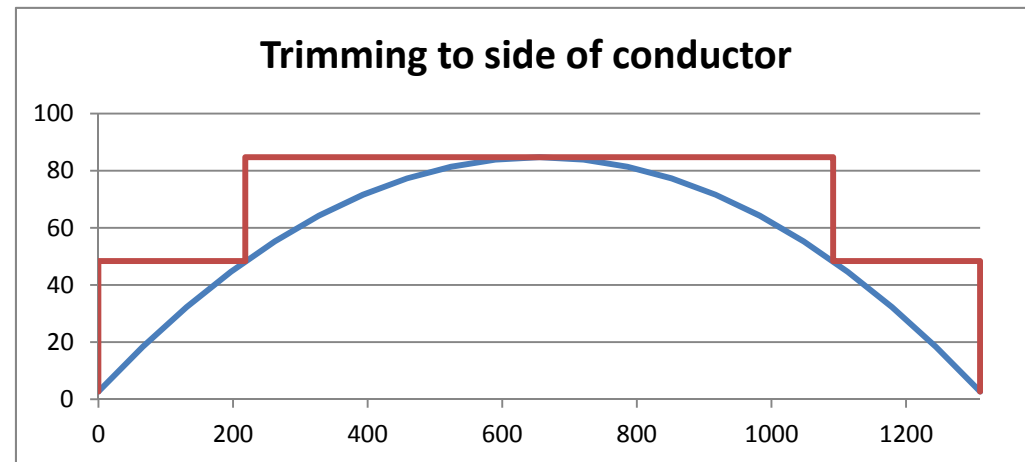
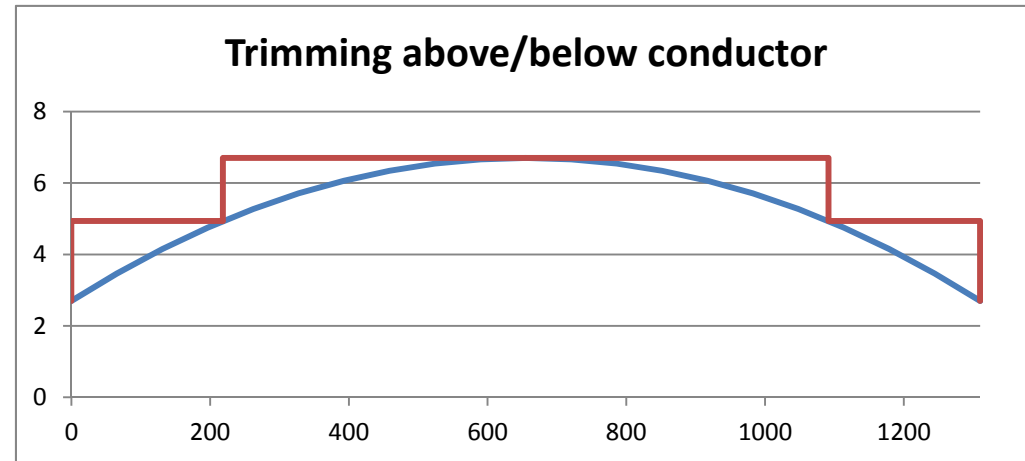
Span length 1310.1m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 7m
 Blowout at 1/6 span 48.5m
 Blowout at mid span 85m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1972

PL260135 --- PL908661

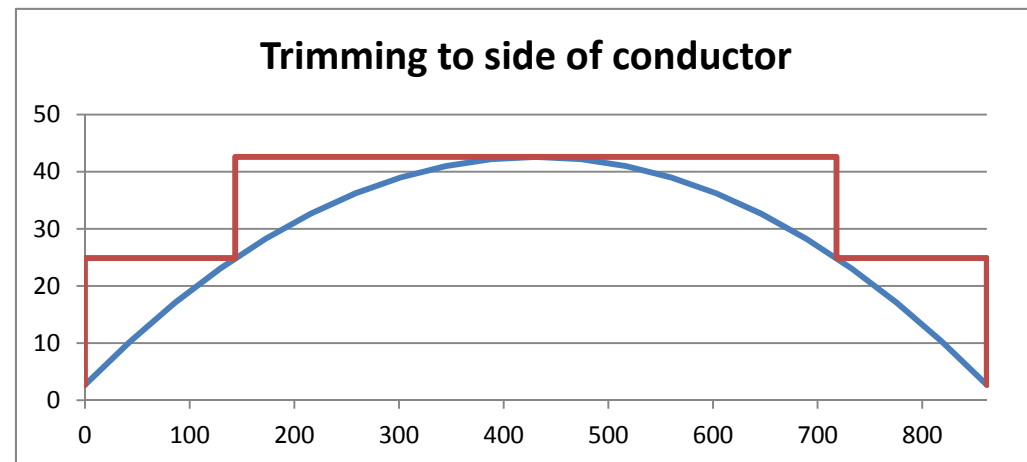
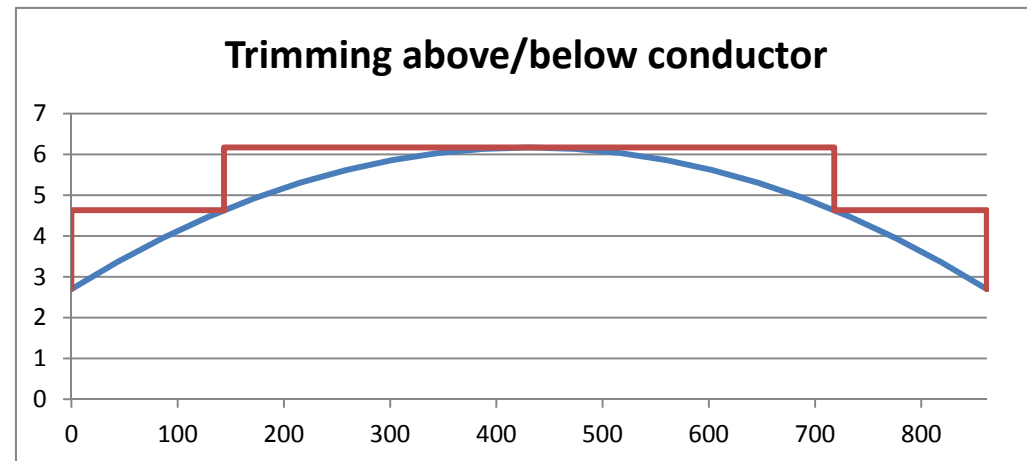
Span length 861.7m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 25m
 Blowout at mid span 43m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1980

PL908642 --- PL908643

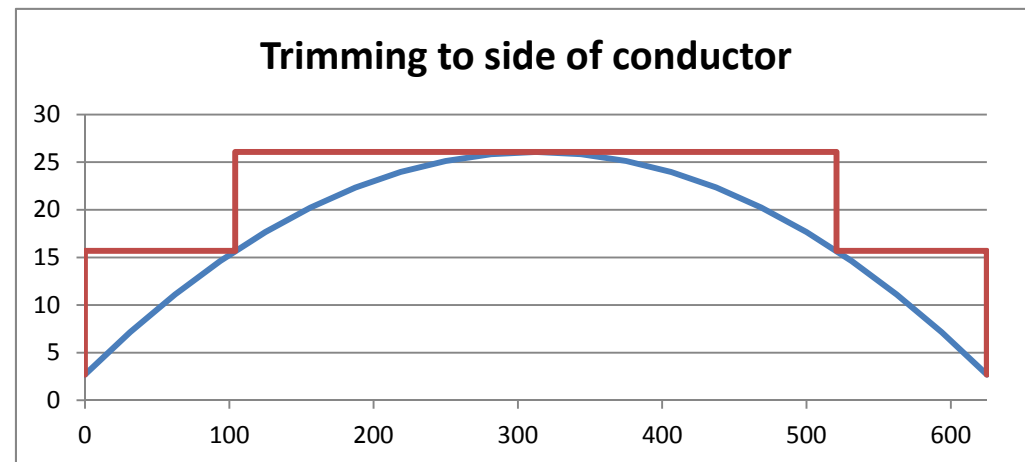
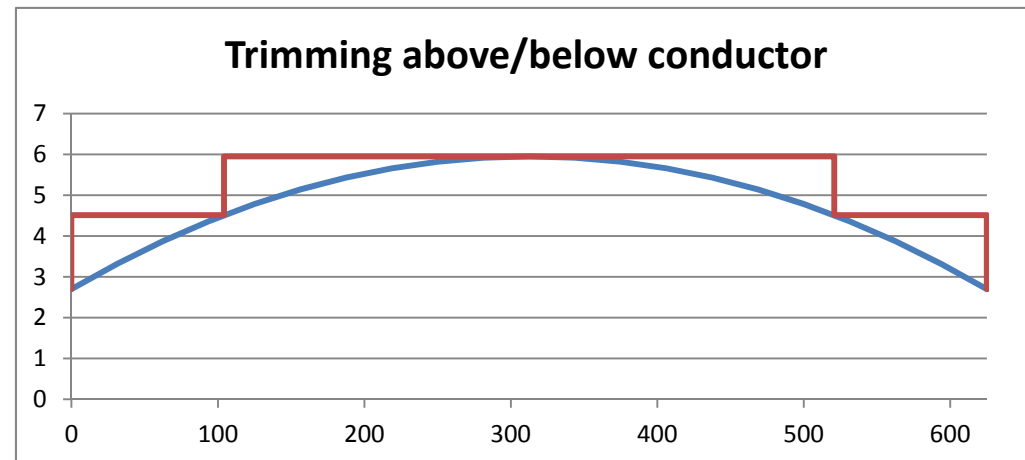
Span length 625m
 Voltage 22kV
 Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16m
 Blowout at mid span 26.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1982

PL404886 --- PL720843

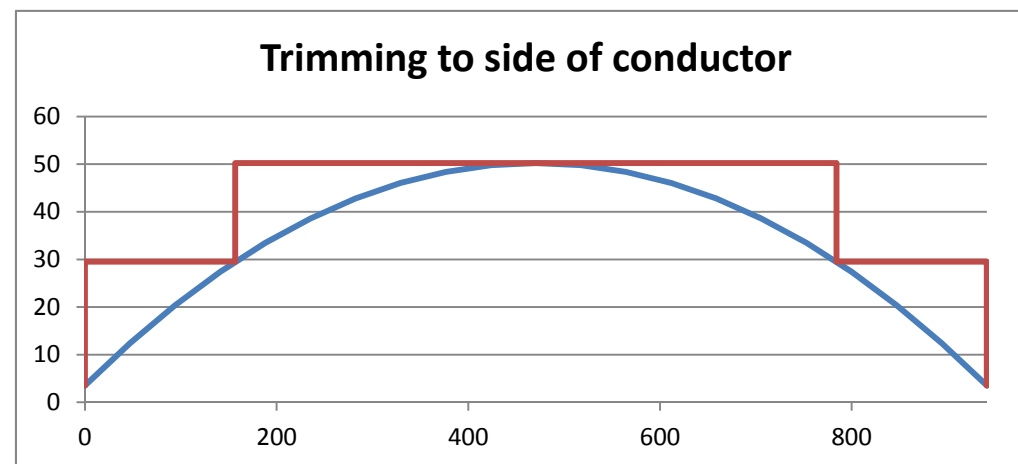
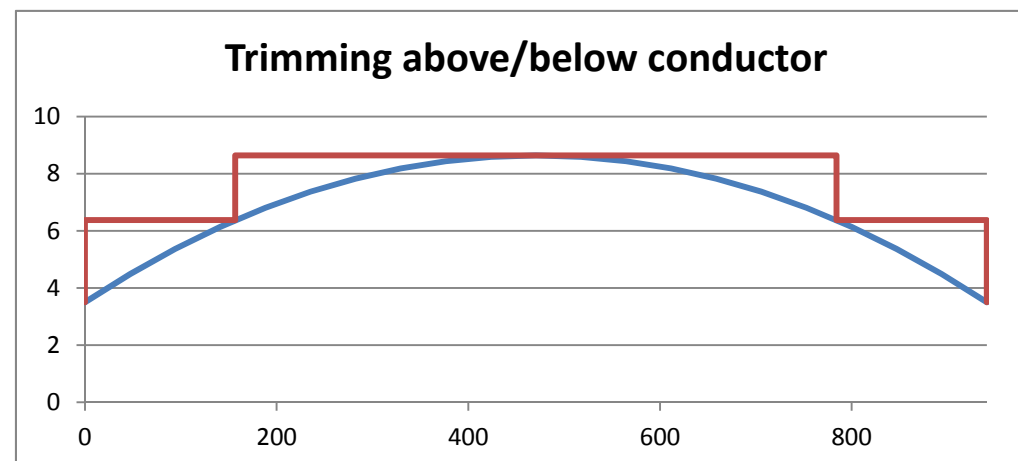
Span length 941.1m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 29.5m
 Blowout at mid span 50.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1982

PL402553 --- PL479476

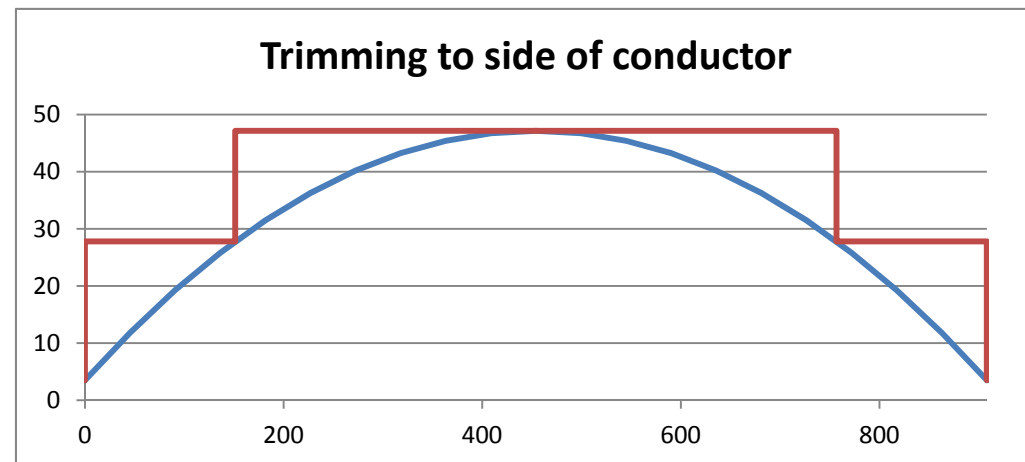
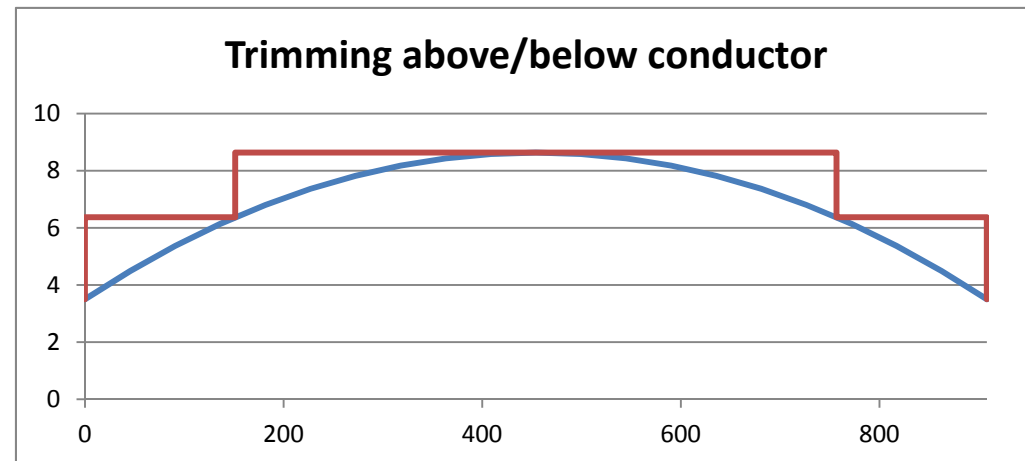
Span length 908.2m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 28m
 Blowout at mid span 47.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1982

PL402789 --- PL402835

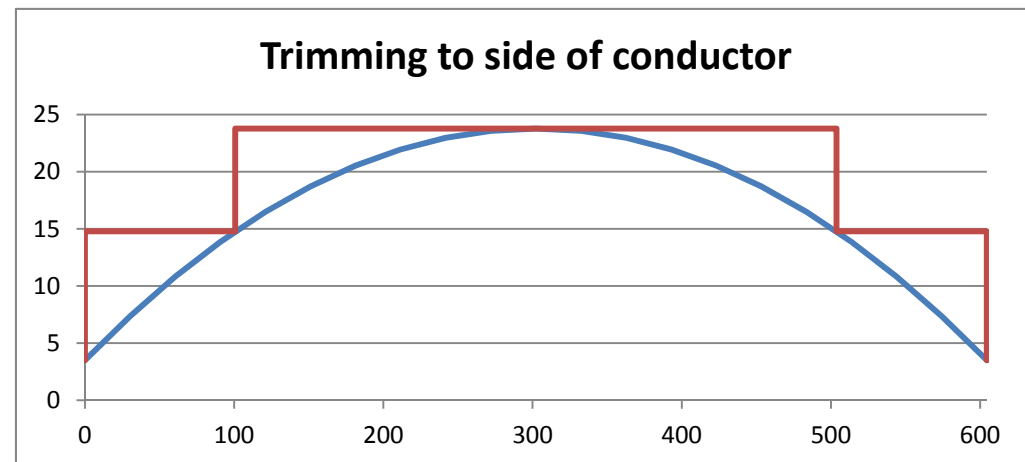
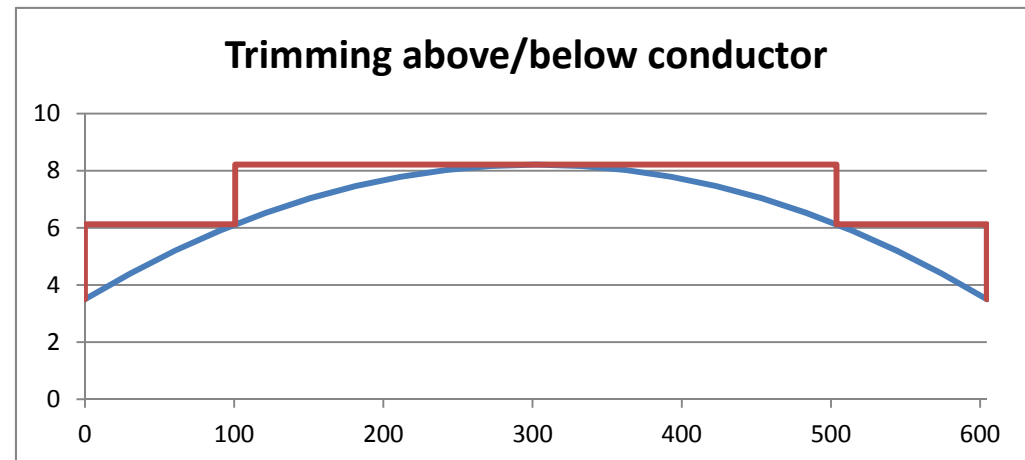
Span length 604.5m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 15m
 Blowout at mid span 24m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U1982

PL402838 --- PL754920

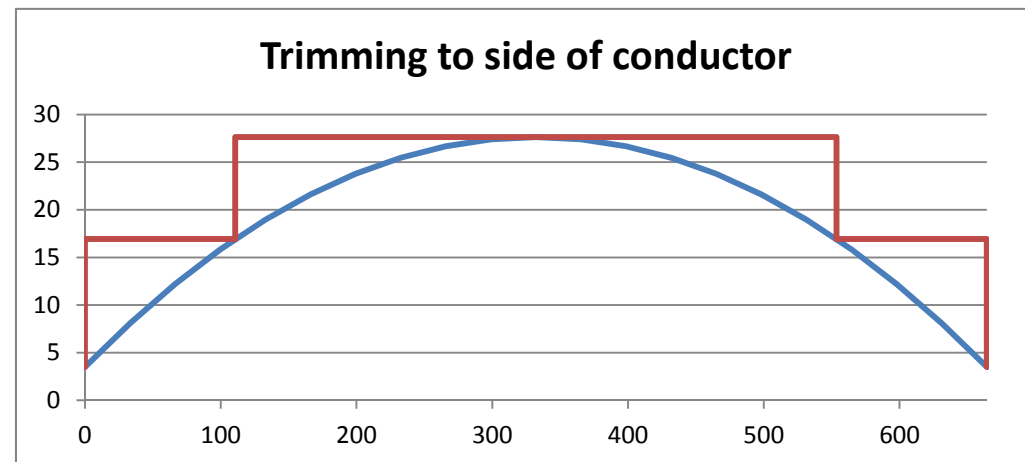
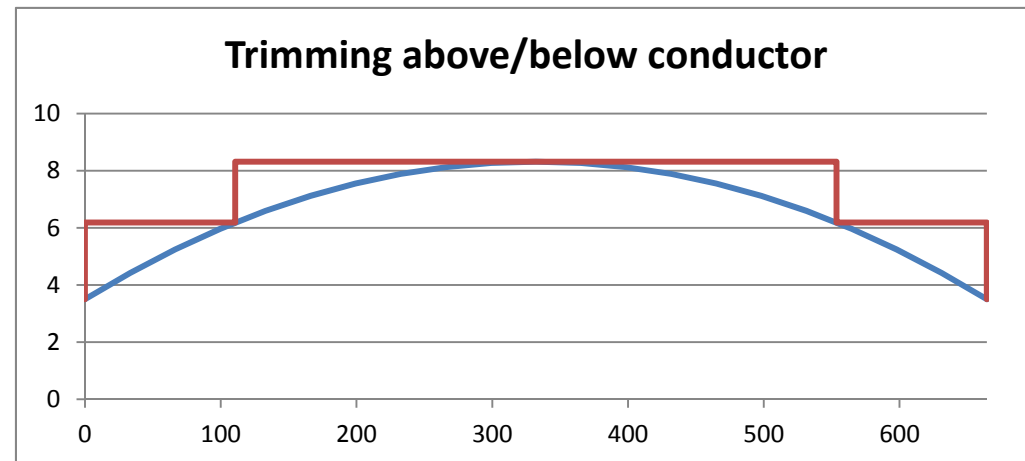
Span length 664.3m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 17m
 Blowout at mid span 28m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U19902

PL405236 --- PL734553

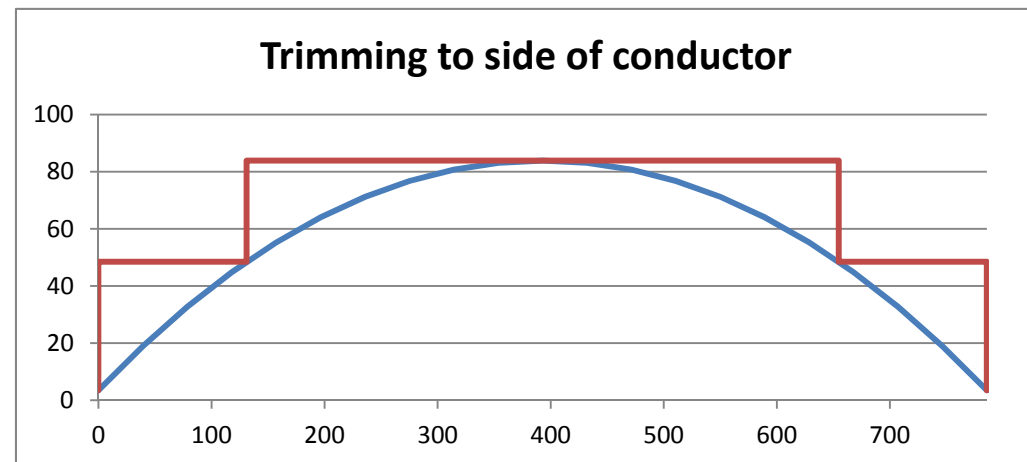
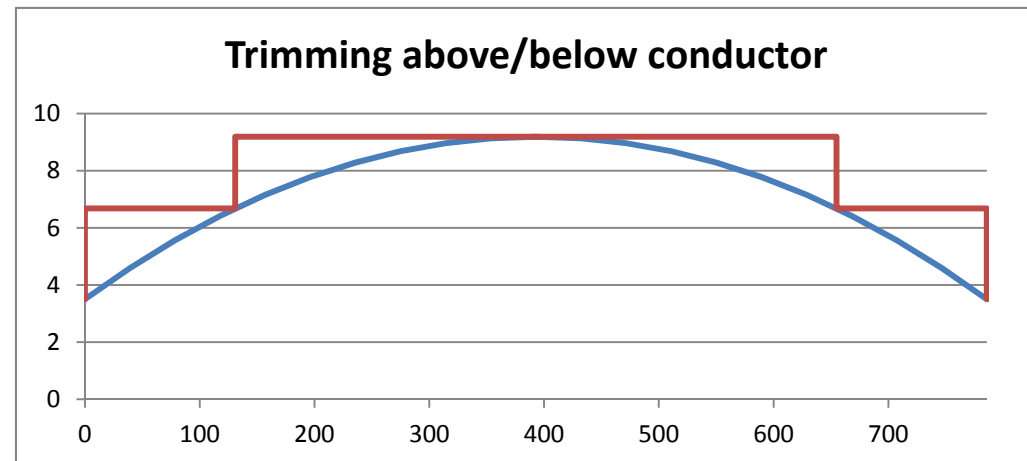
Span length 785.8m
Voltage 132kV
Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 48.5m
Blowout at mid span 84m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U2857

PL466195 --- PL722441

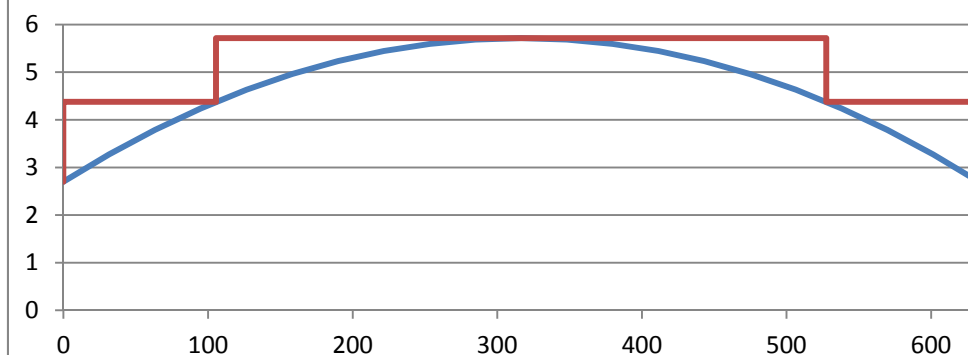
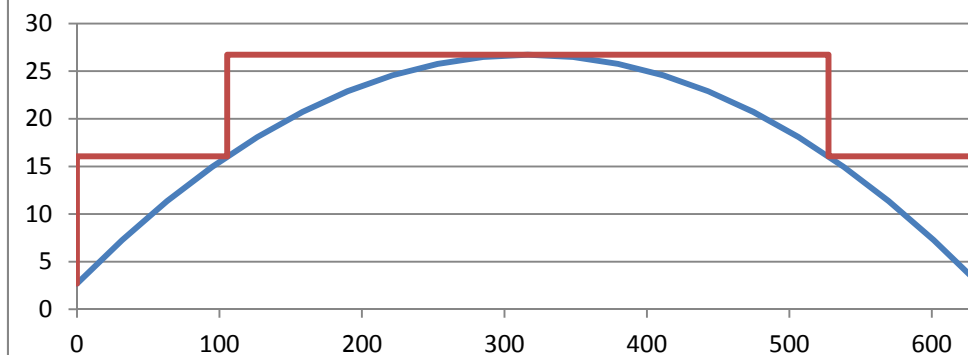
Span length 633m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28673

PL471759 --- PL720424

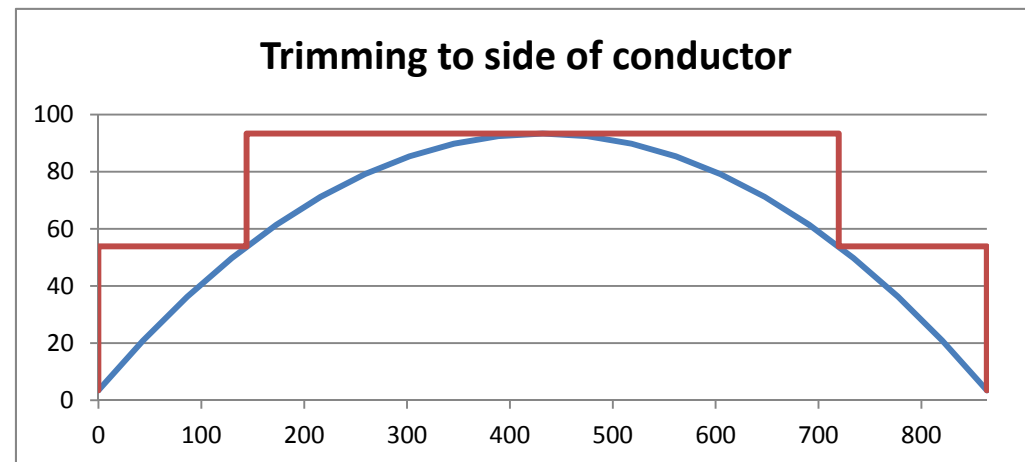
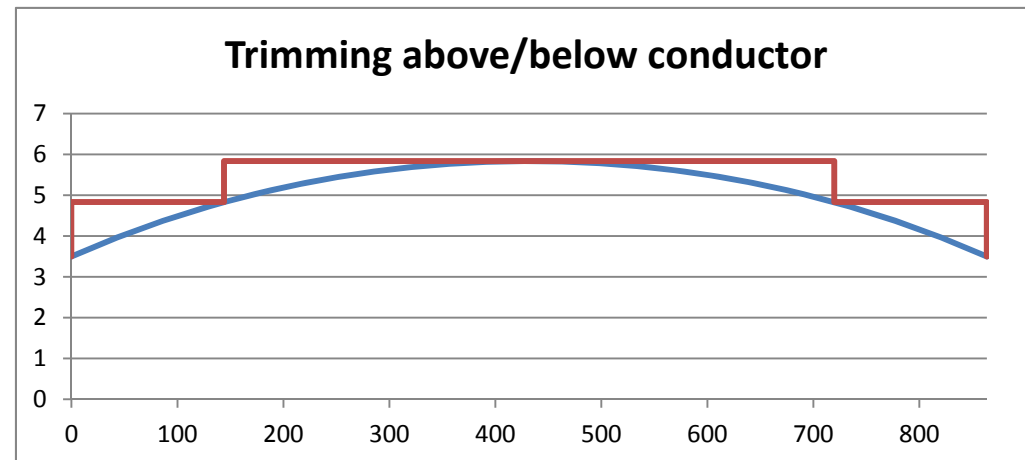
Span length 863.7m
Voltage 132kV
Conductor 7/2.75CU

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6m
Blowout at 1/6 span 54m
Blowout at mid span 93.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U2872

PL468500 --- PL468514

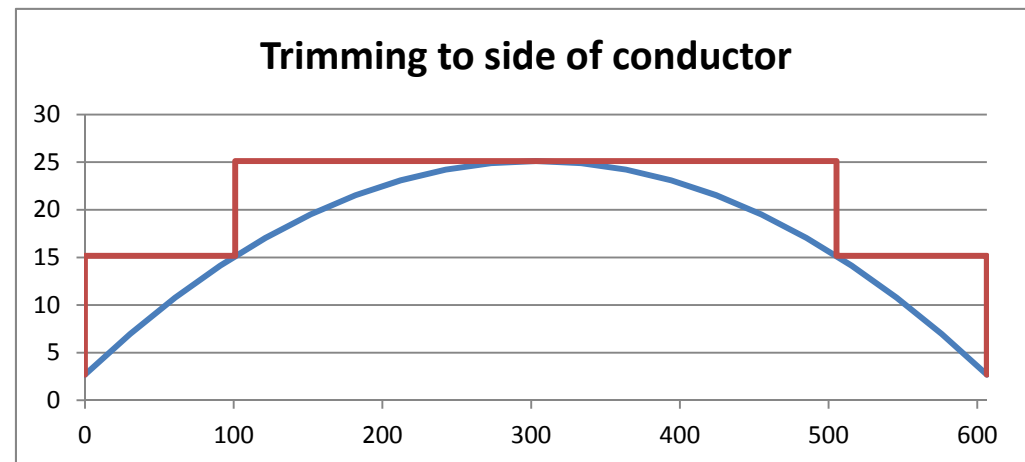
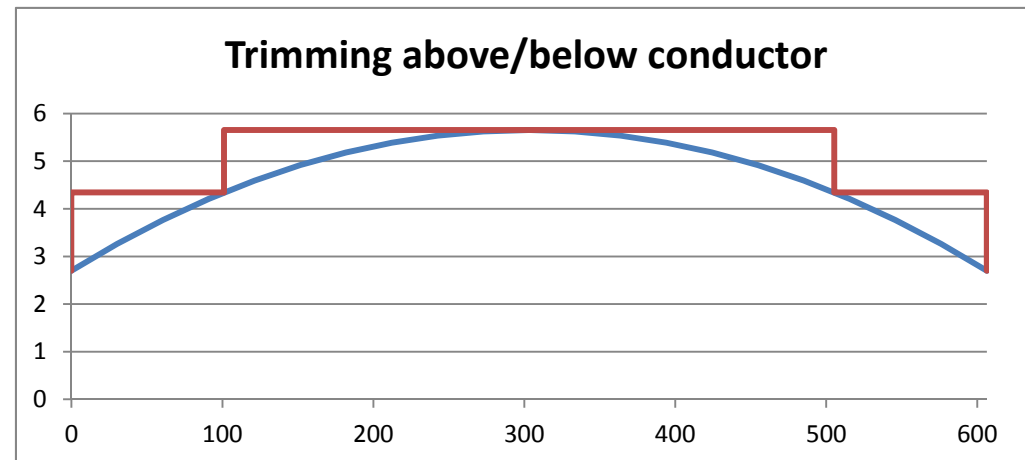
Span length 606.4m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 15.5m
 Blowout at mid span 25.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28752

PL479427 --- PL479429

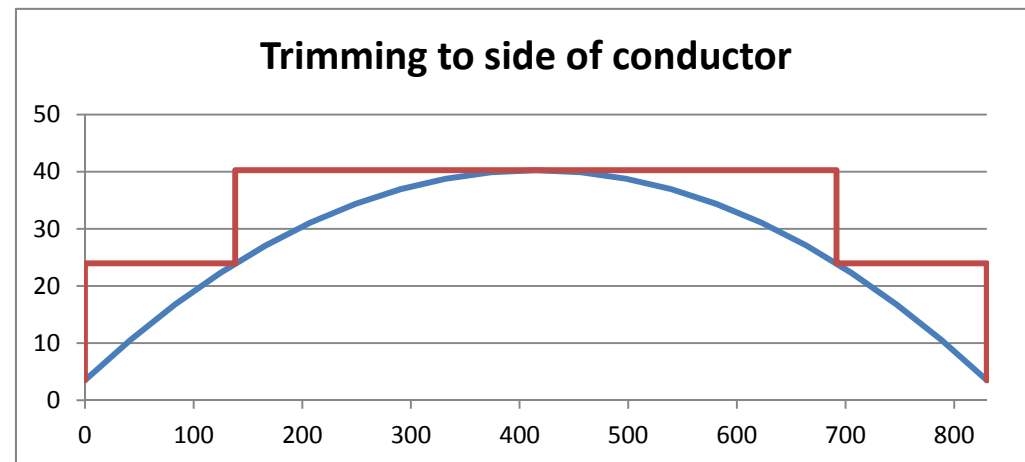
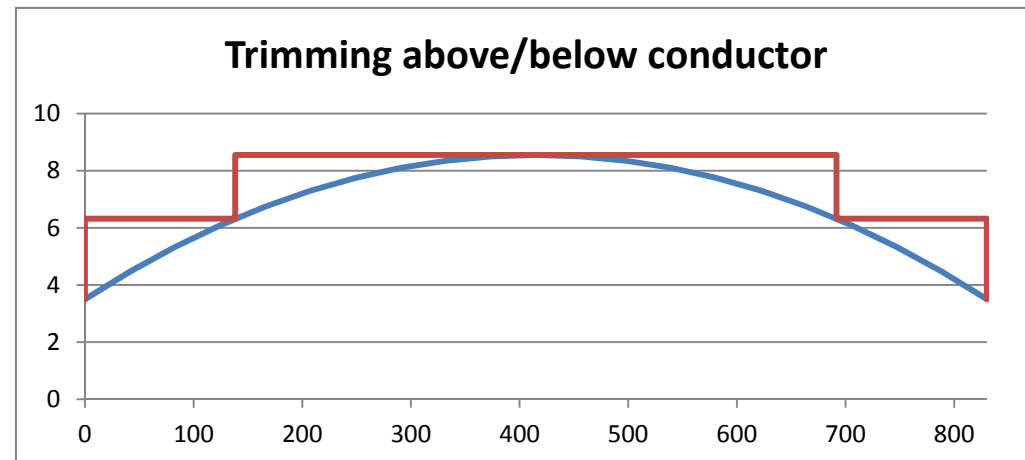
Span length 830.1m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 24m
Blowout at mid span 40.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28752

PL479613 --- PL754921

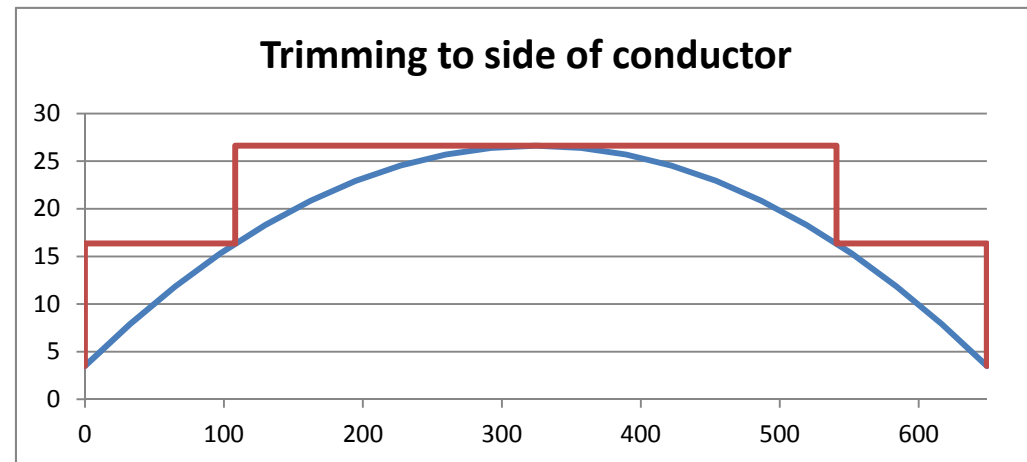
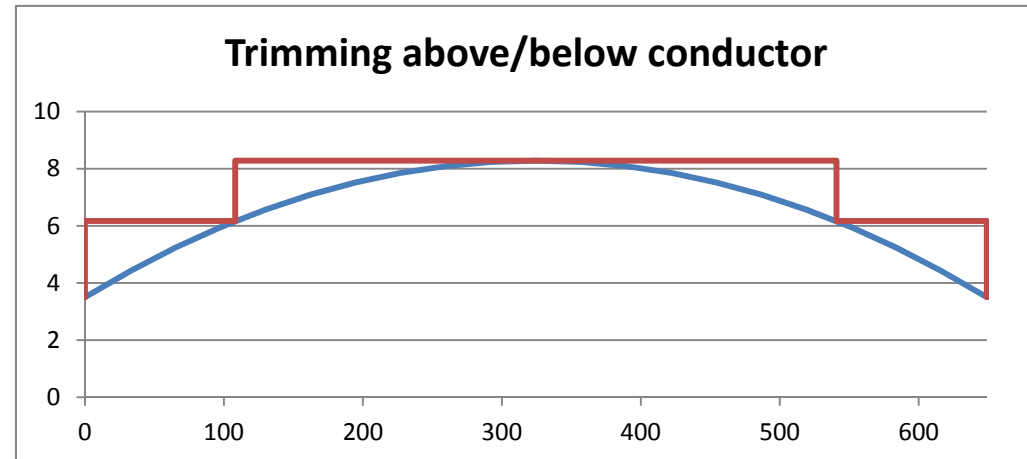
Span length 649m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16.5m
Blowout at mid span 27m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28755

PL469887 --- PL469888

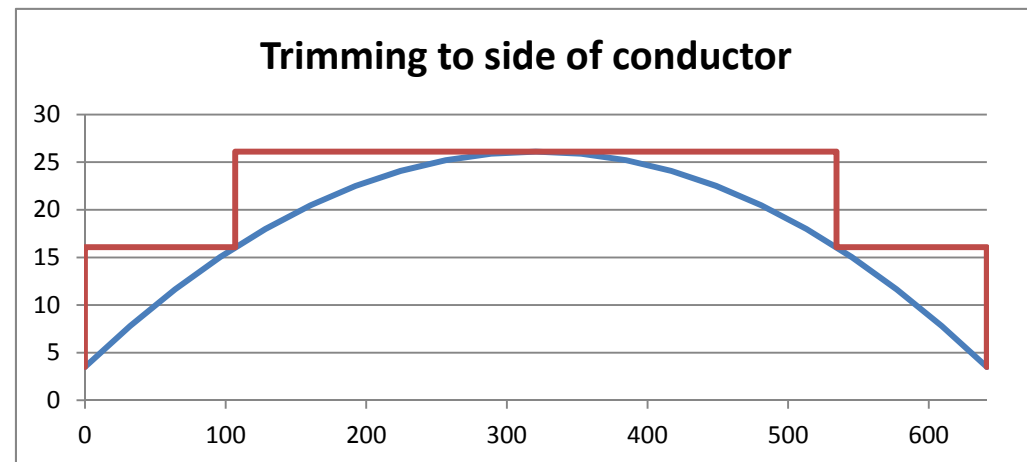
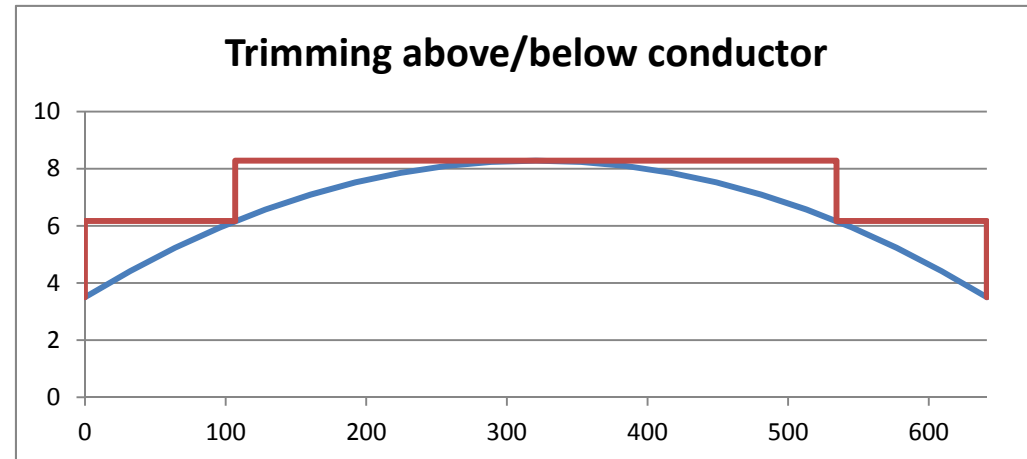
Span length 641.3m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16.5m
Blowout at mid span 26.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28755

PL469888 --- PL754922

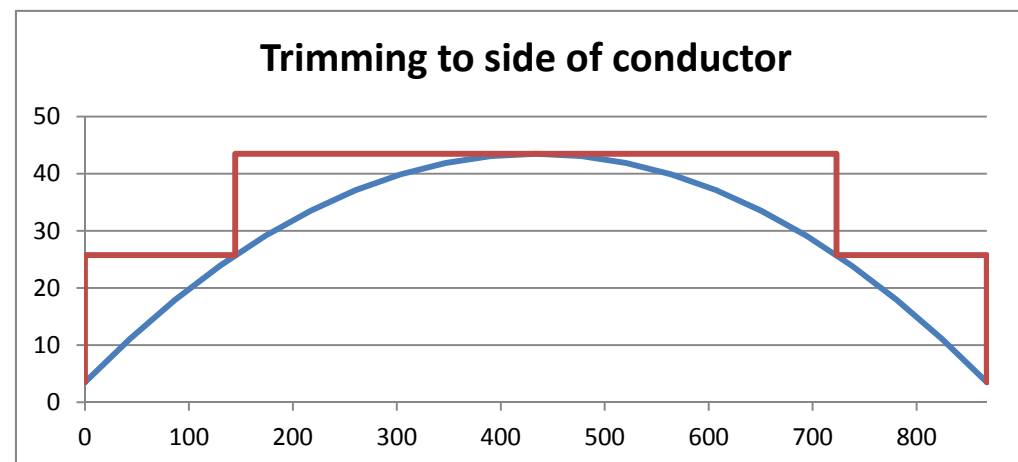
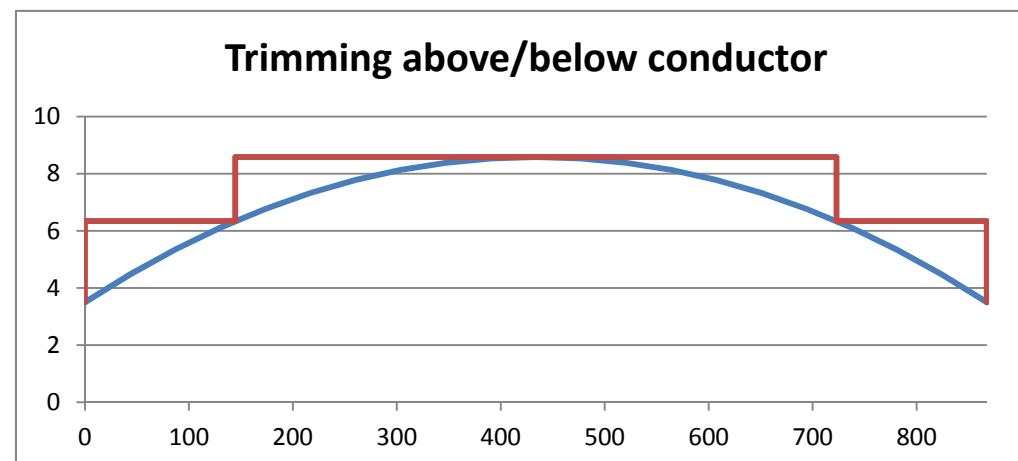
Span length 867.6m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 26m
Blowout at mid span 43.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28756

PL469824 --- PL469886

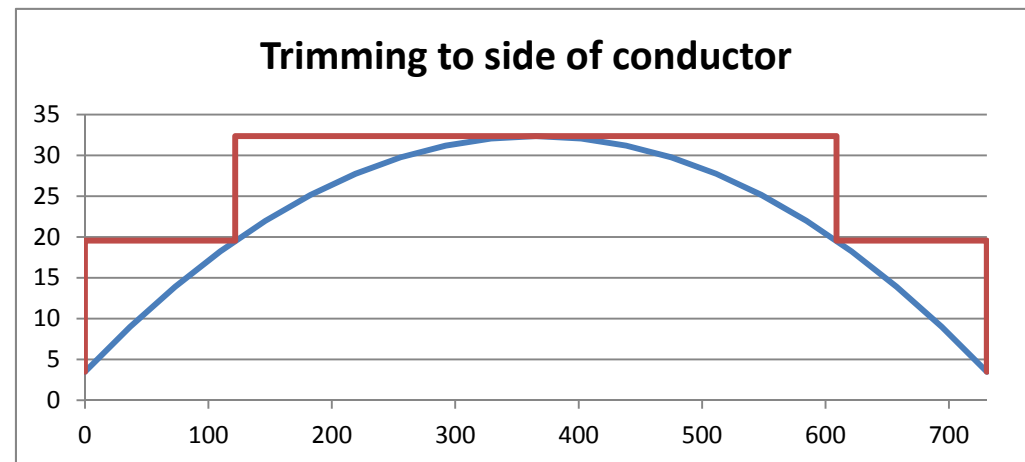
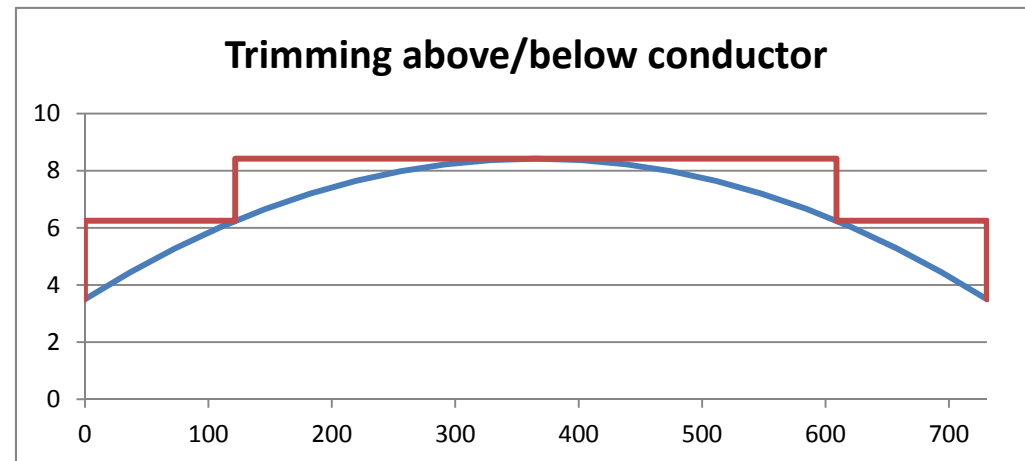
Span length 730.7m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 20m
Blowout at mid span 32.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28758

PL471013 --- PL471202

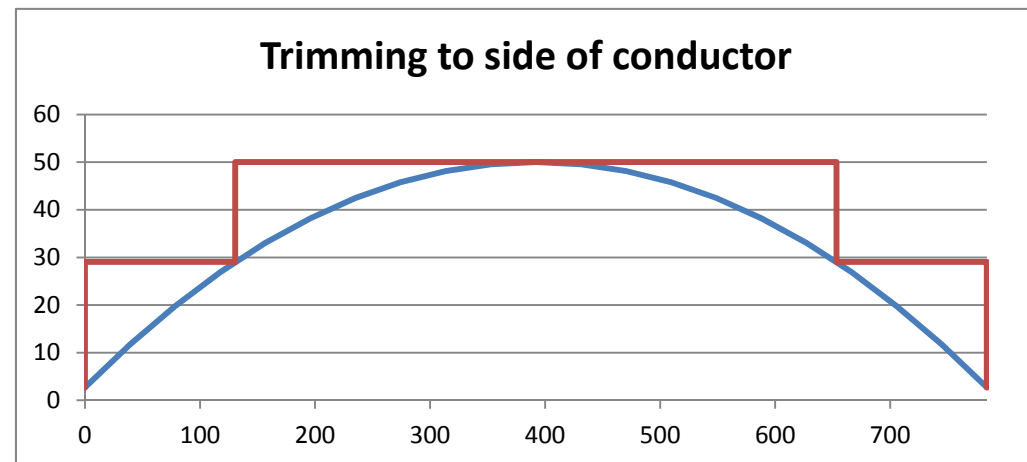
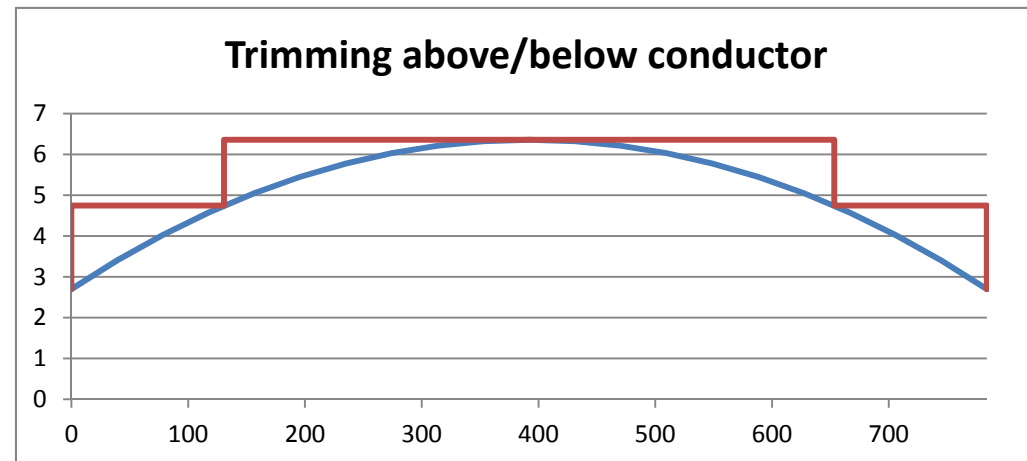
Span length 784m
Voltage 11kV
Conductor Cherry

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 29.5m
Blowout at mid span 50m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U28827

PL479420 --- PL479428

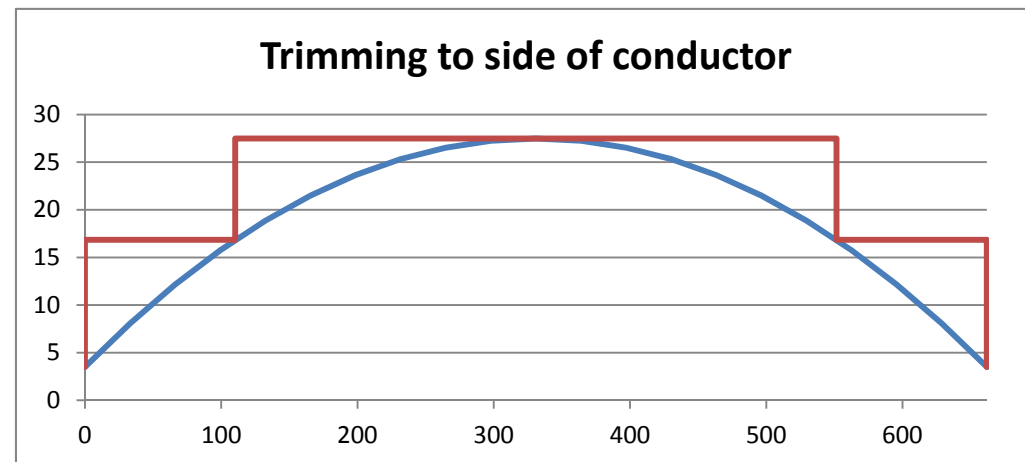
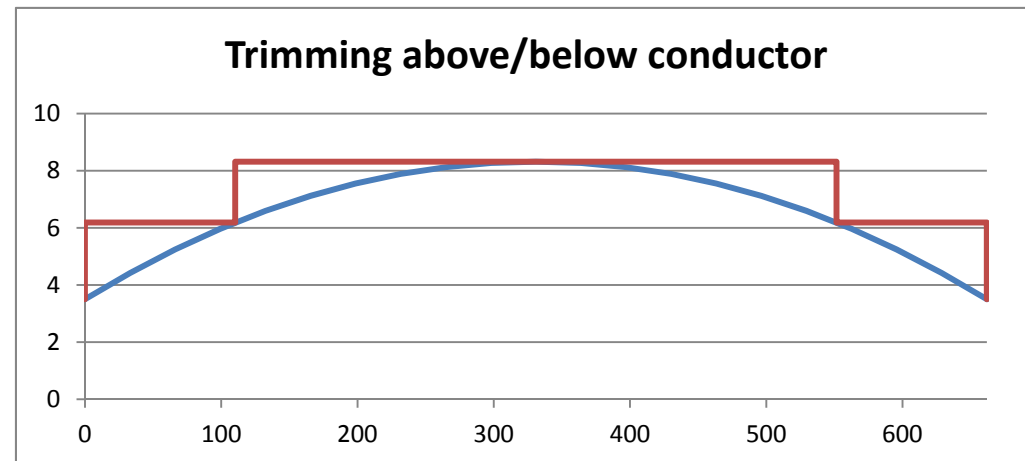
Span length 661.9m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17m
Blowout at mid span 27.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37671

PL340861 --- PL735971

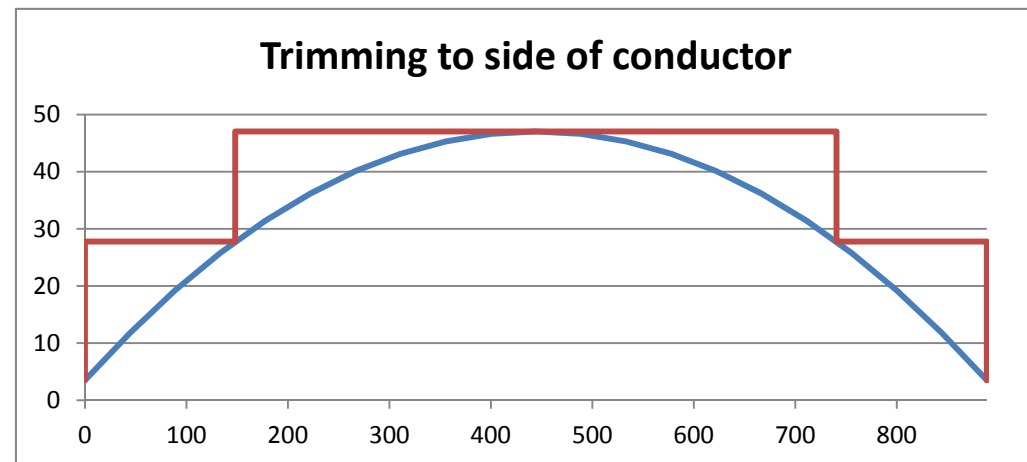
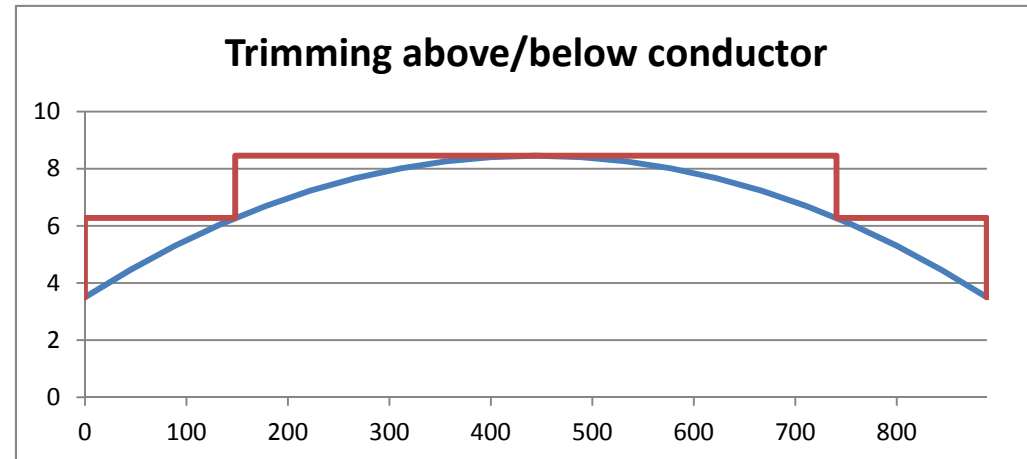
Span length 888.8m
Voltage 132kV
Conductor Olive

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 28m
Blowout at mid span 47.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37671

PL471756 --- PL474480

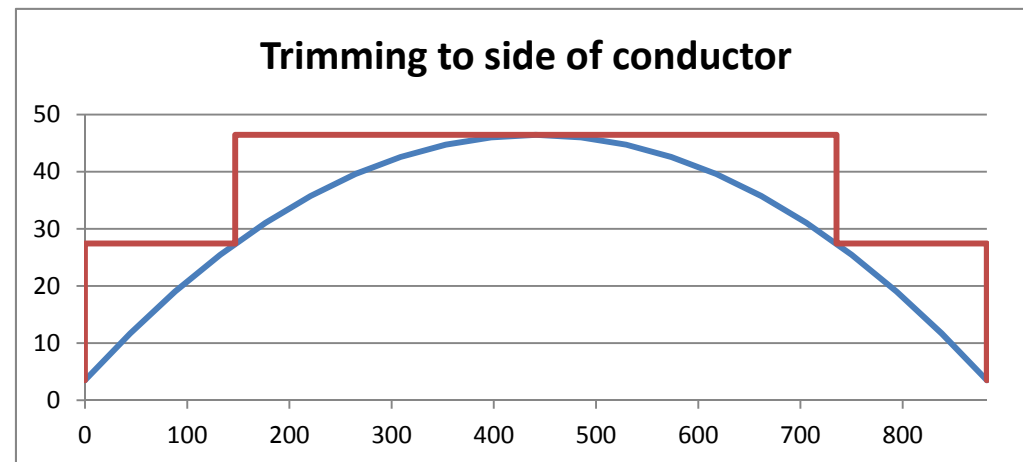
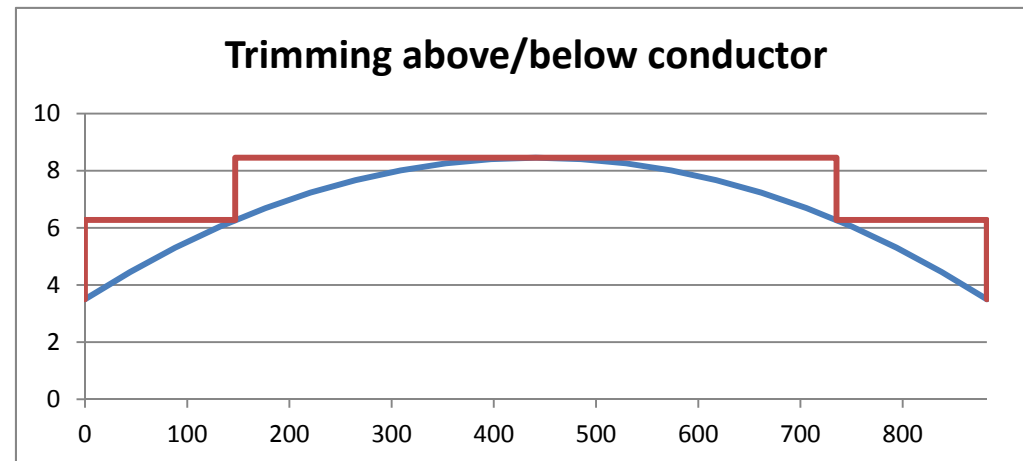
Span length 882.4m
 Voltage 132kV
 Conductor Olive

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 27.5m
 Blowout at mid span 46.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37671

PL721773 --- PL749317

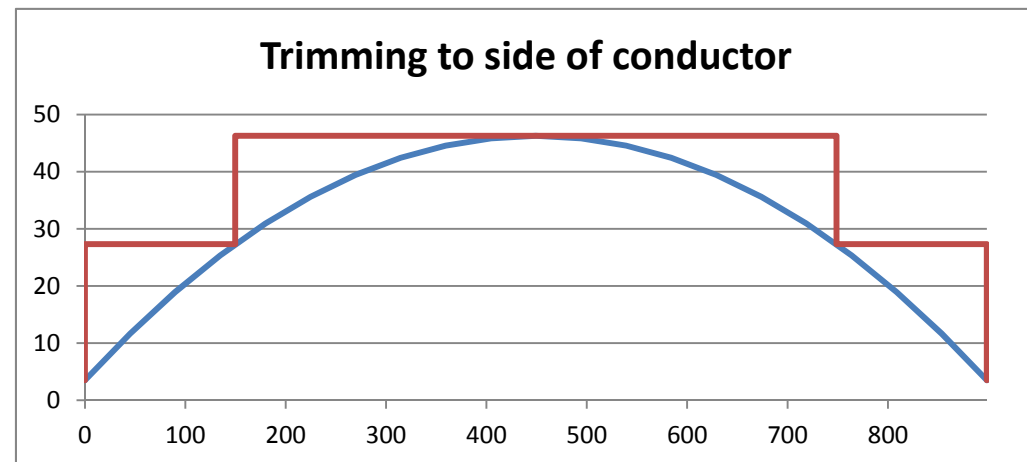
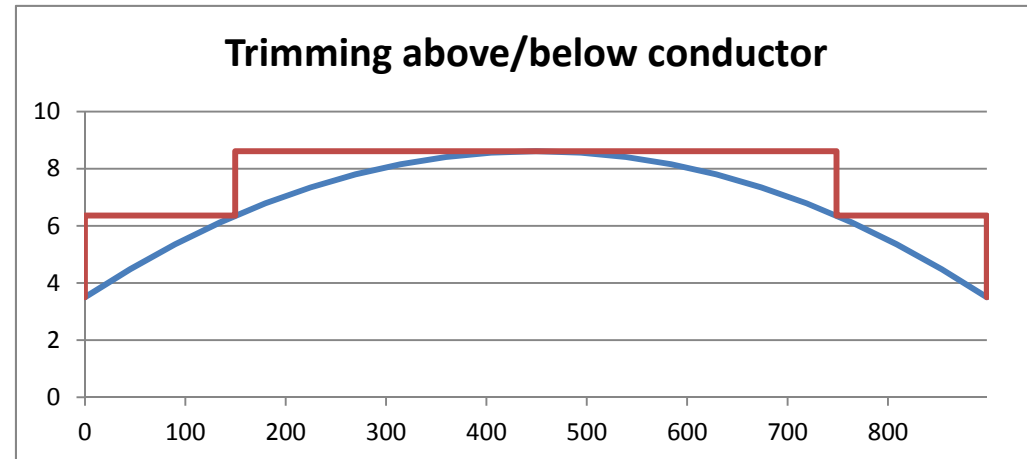
Span length 898.6m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 27.5m
Blowout at mid span 46.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37674

PL474479 --- PL474480

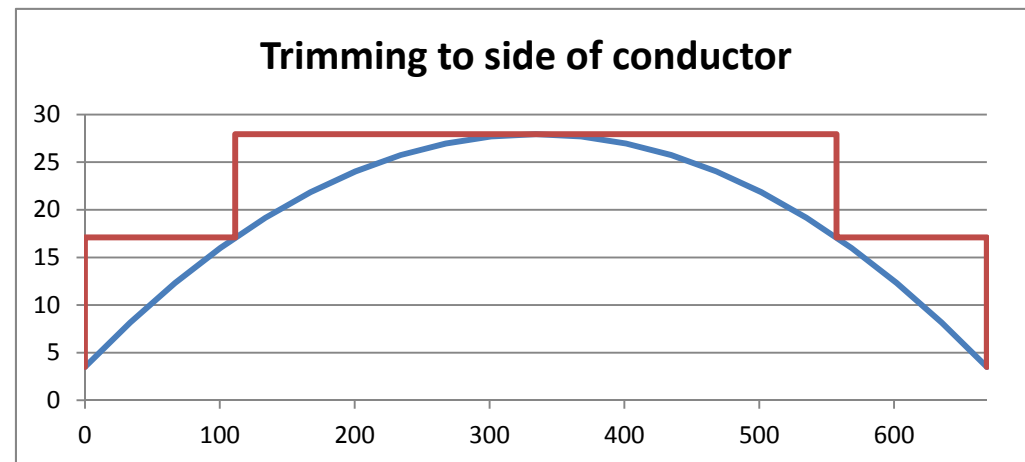
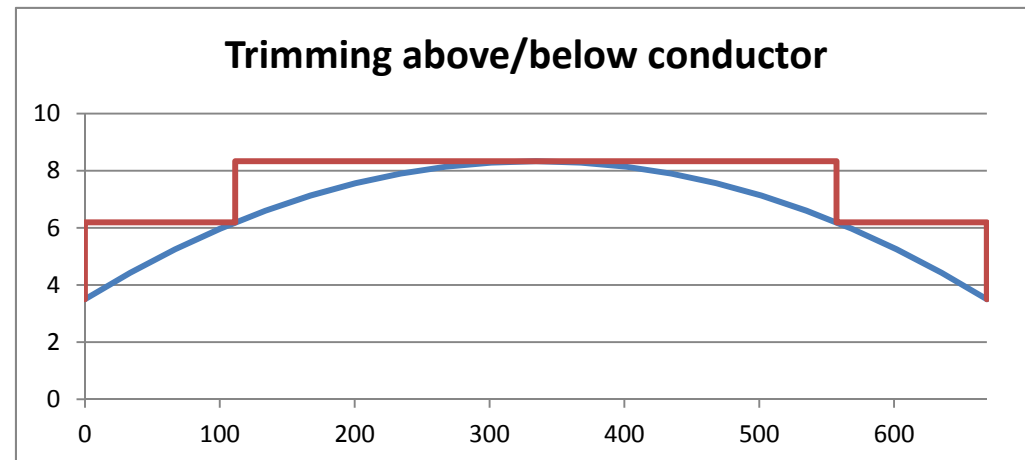
Span length 668.8m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17.5m
Blowout at mid span 28m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37675

PL474476 --- PL474477

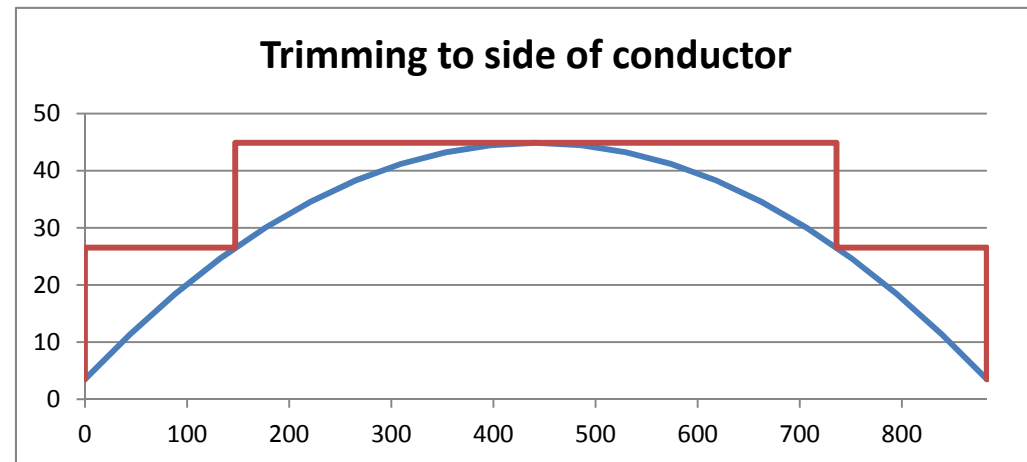
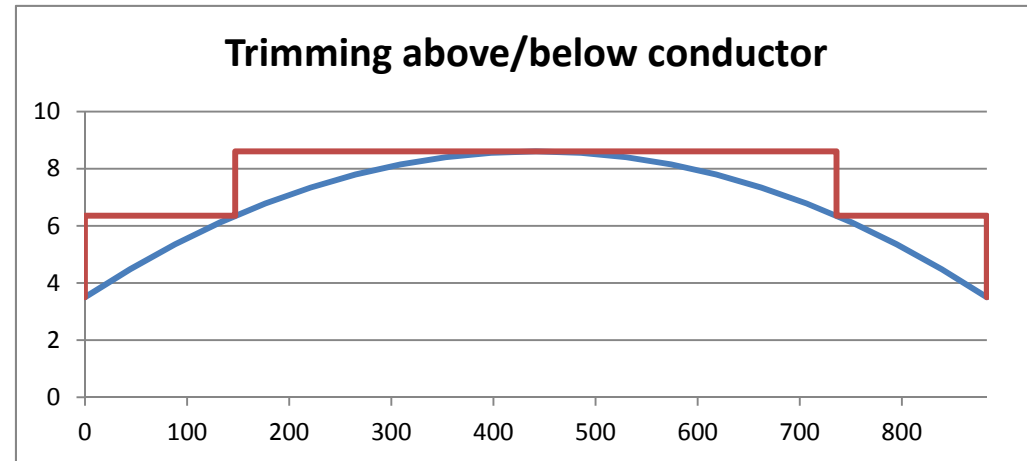
Span length 883.3m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 27m
Blowout at mid span 45m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37675

PL474476 --- PL475990

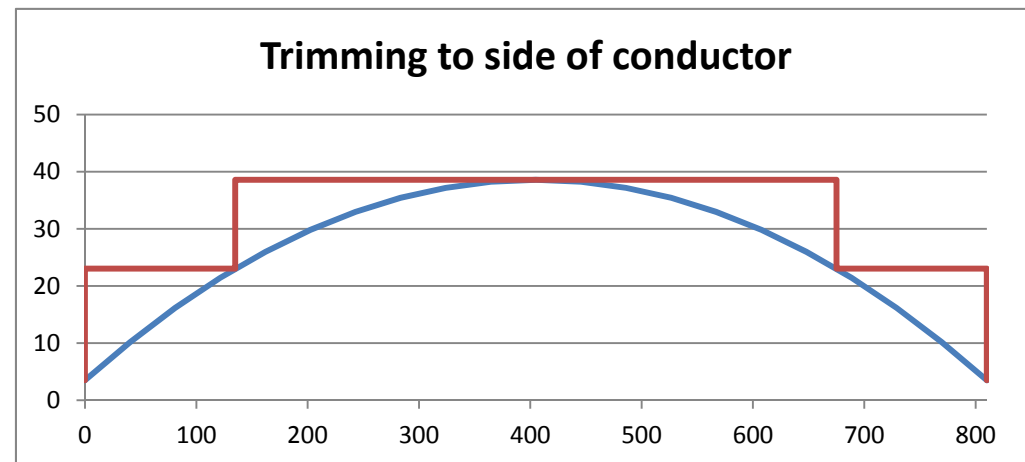
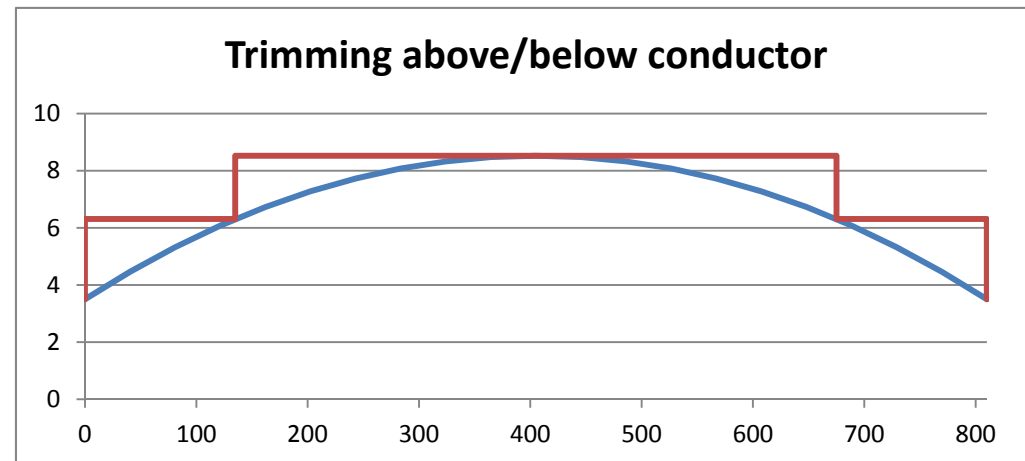
Span length 810.1m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 23m
Blowout at mid span 39m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37675

PL475730 --- PL475797

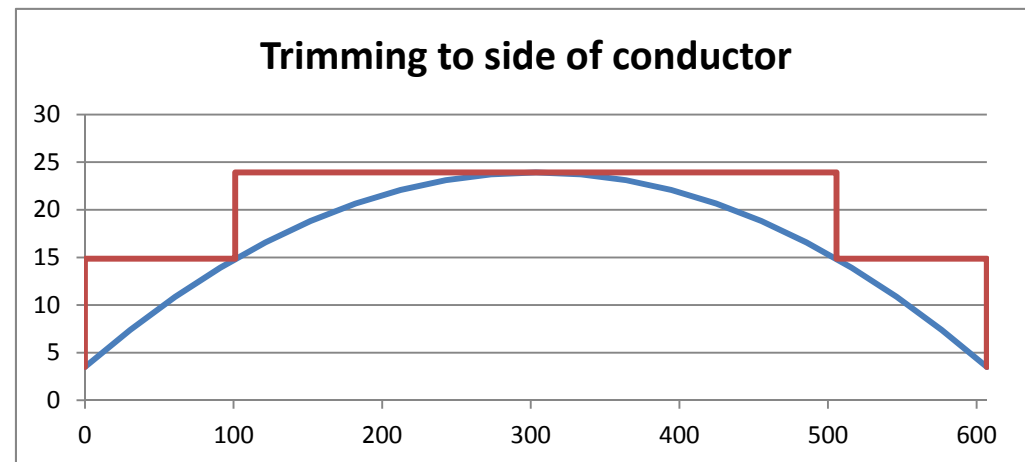
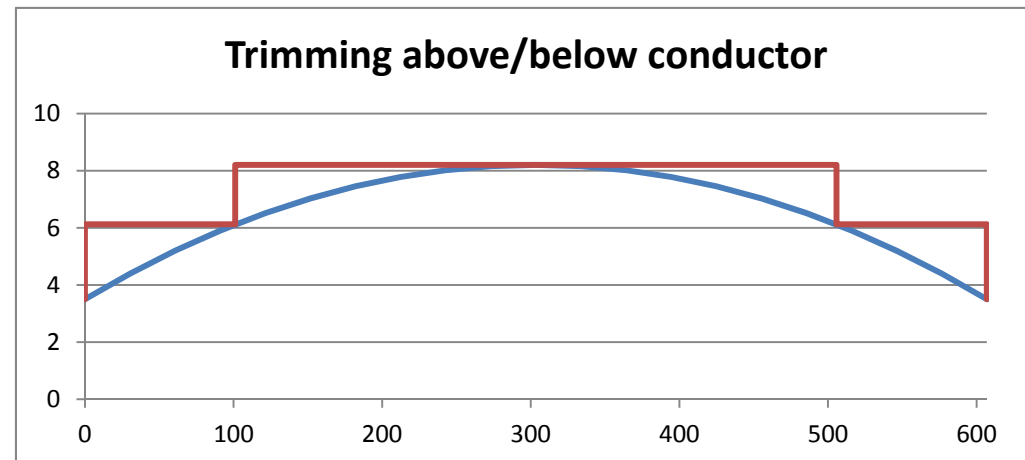
Span length 606.9m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 15m
Blowout at mid span 24m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37675

PL475797 --- PL722005

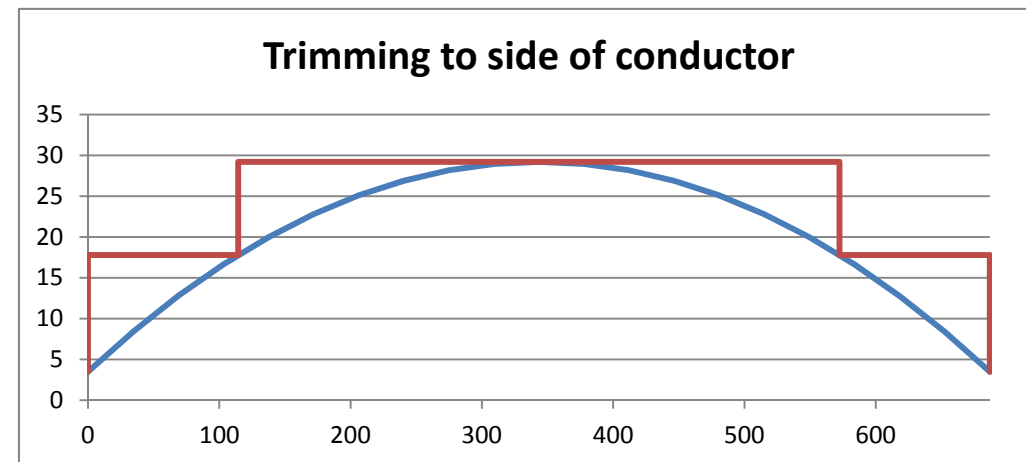
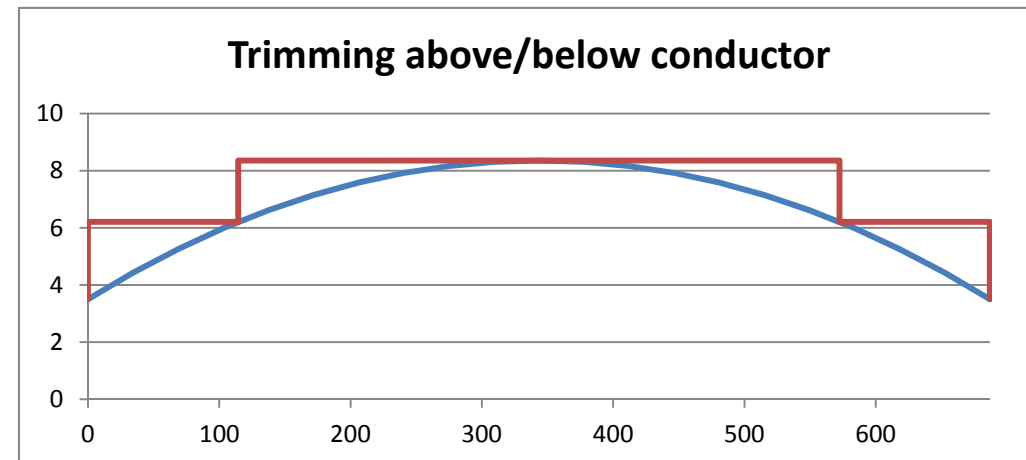
Span length 686.9m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 18m
Blowout at mid span 29.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37679

PL482329 --- PL482330

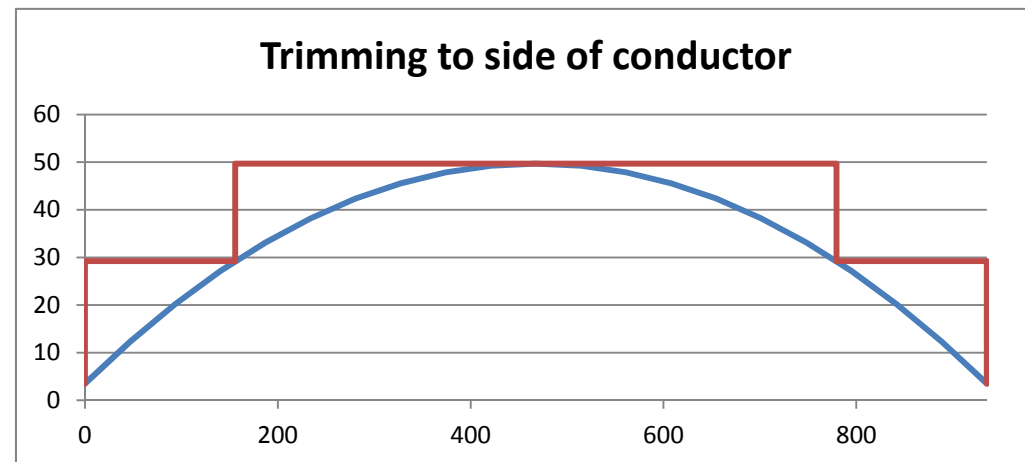
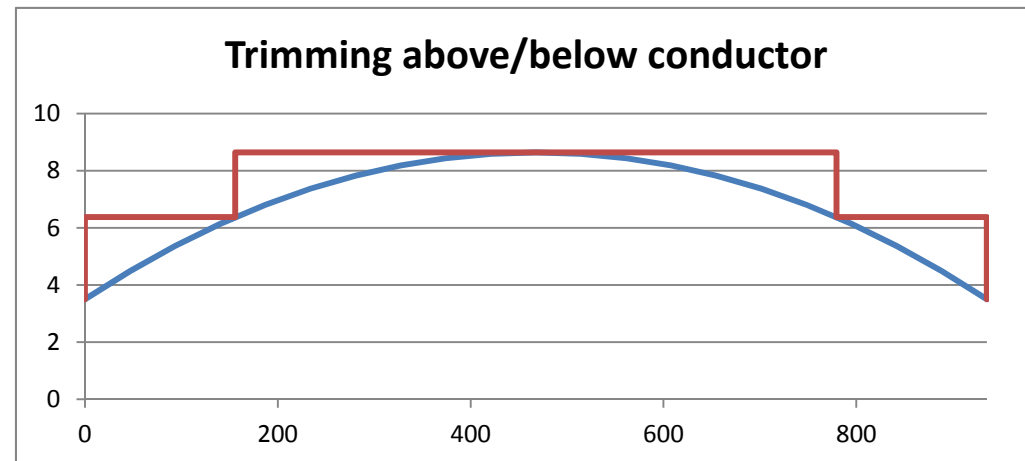
Span length 935.4m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 29.5m
 Blowout at mid span 50m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37679

PL480511 --- PL480512

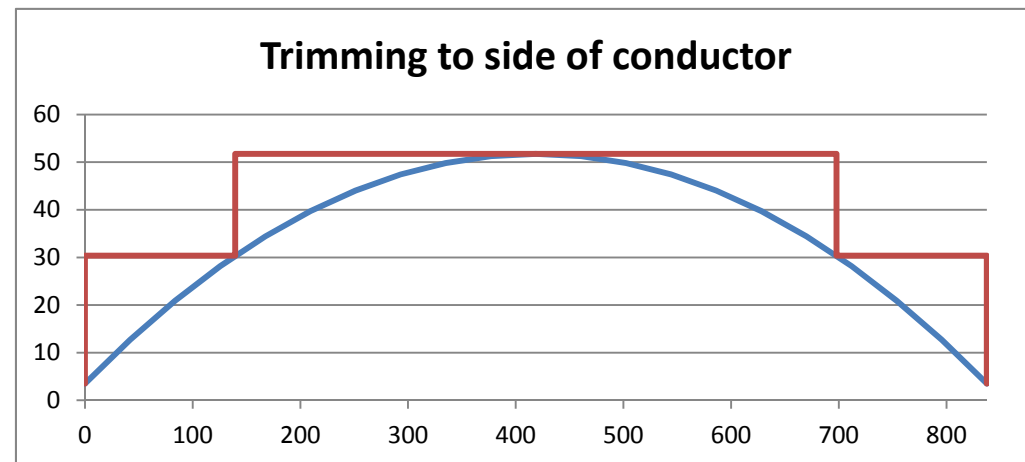
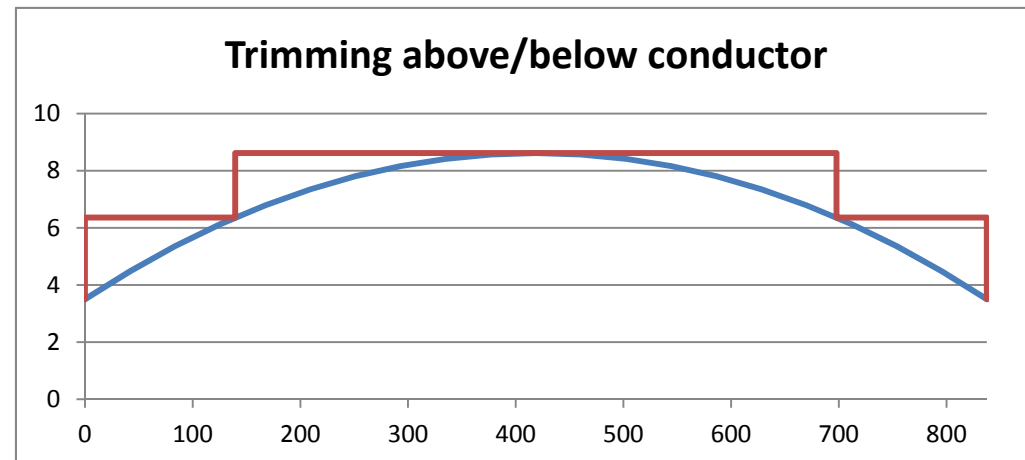
Span length 837.5m
Voltage 132kV
Conductor Coyote

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 30.5m
Blowout at mid span 52m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37824

PL480244 --- PL480251

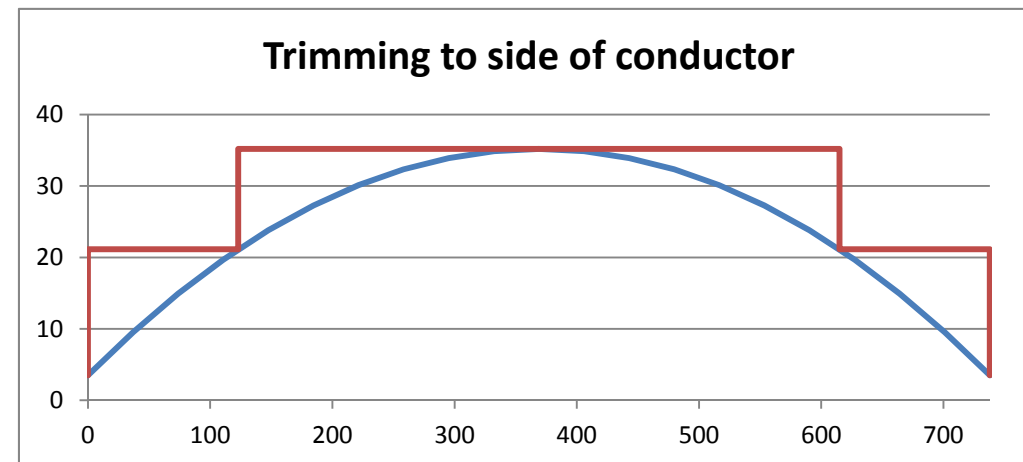
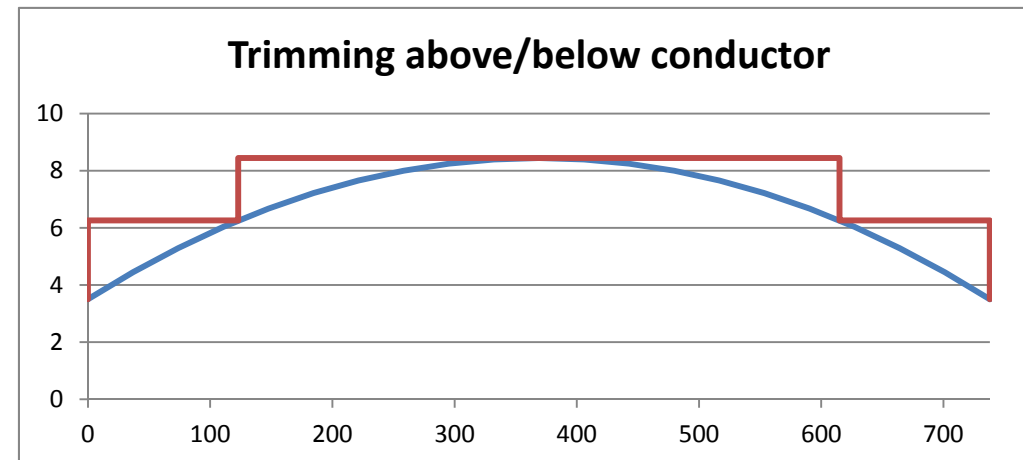
Span length 738m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 21.5m
Blowout at mid span 35.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37826

PL446307 --- PL480328

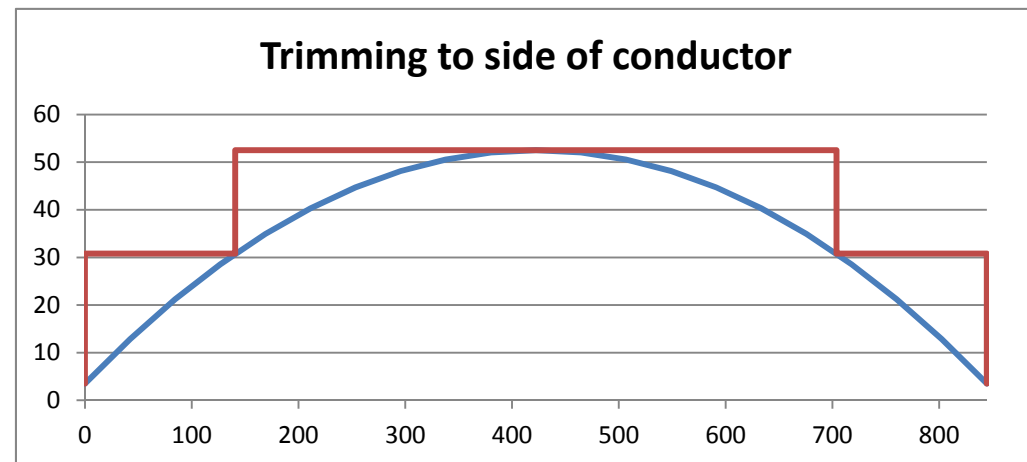
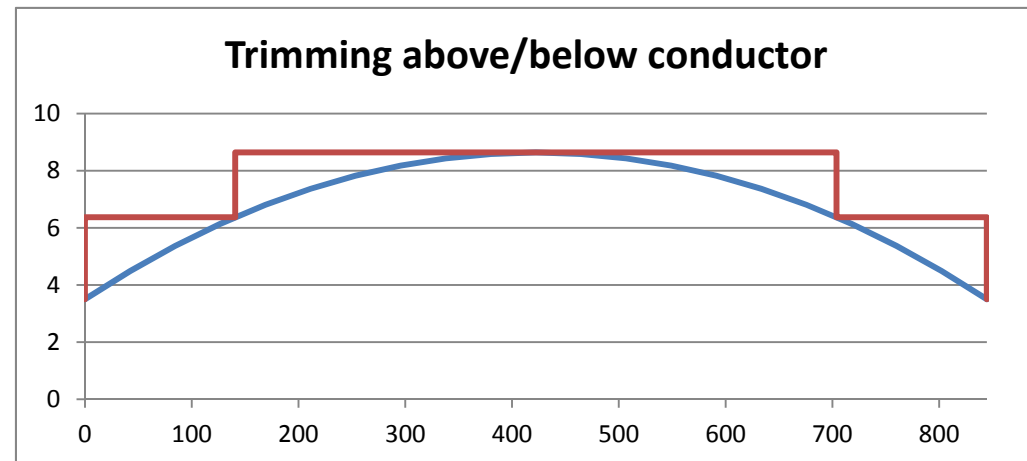
Span length 844.7m
Voltage 132kV
Conductor Coyote

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 31m
Blowout at mid span 52.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U37826

PL480333 --- PL480335

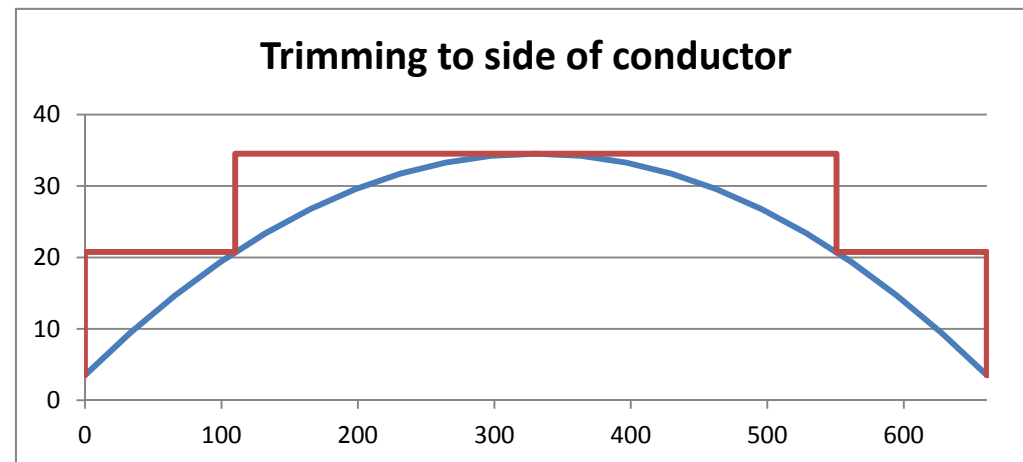
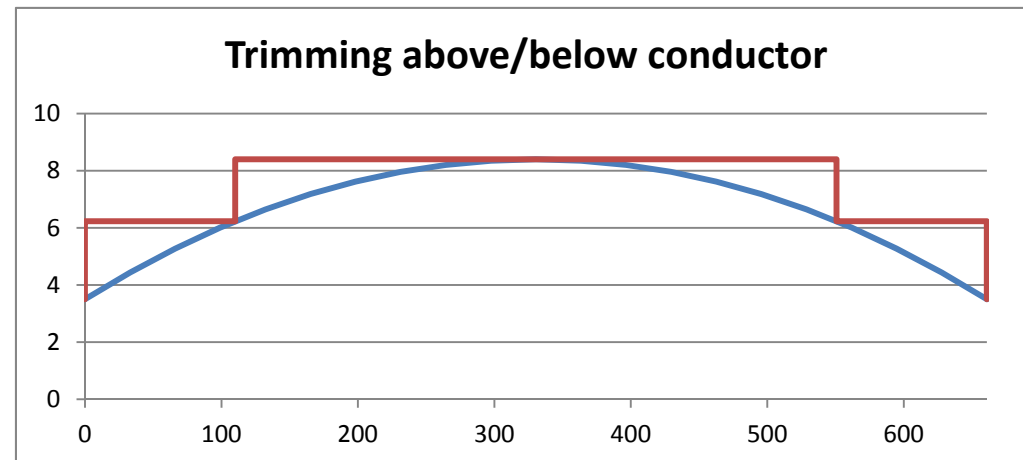
Span length 660.9m
Voltage 132kV
Conductor Coyote

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 21m
Blowout at mid span 34.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46308

PL621078 --- PL621096

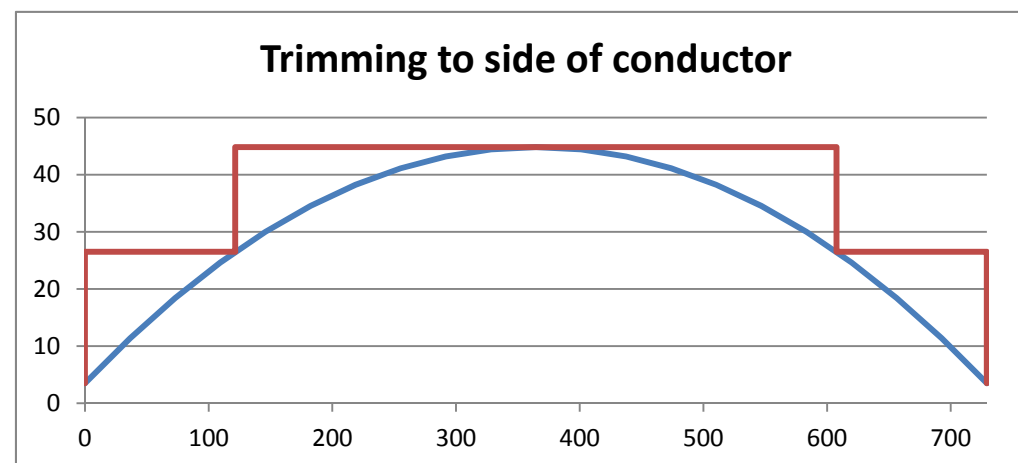
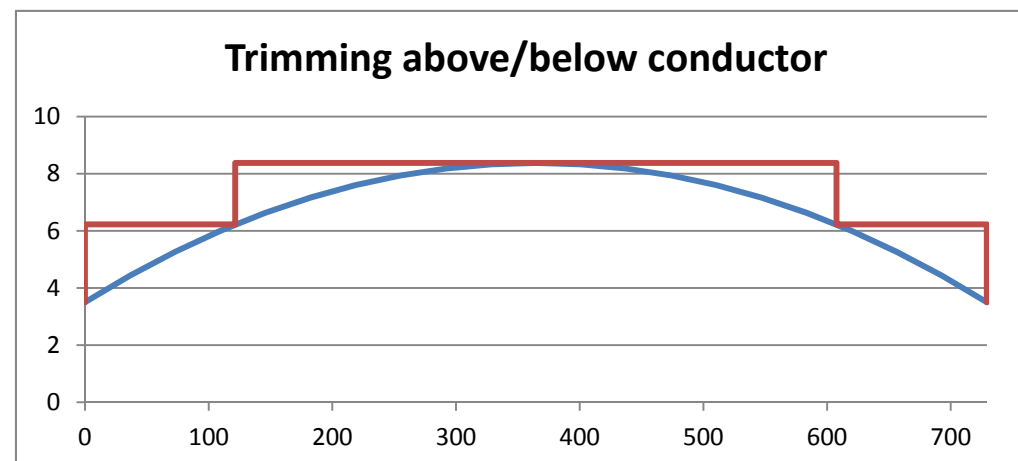
Span length 729.2m
Voltage 132kV
Conductor Cherry

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 26.5m
Blowout at mid span 45m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46677

PL480752 --- PL480769

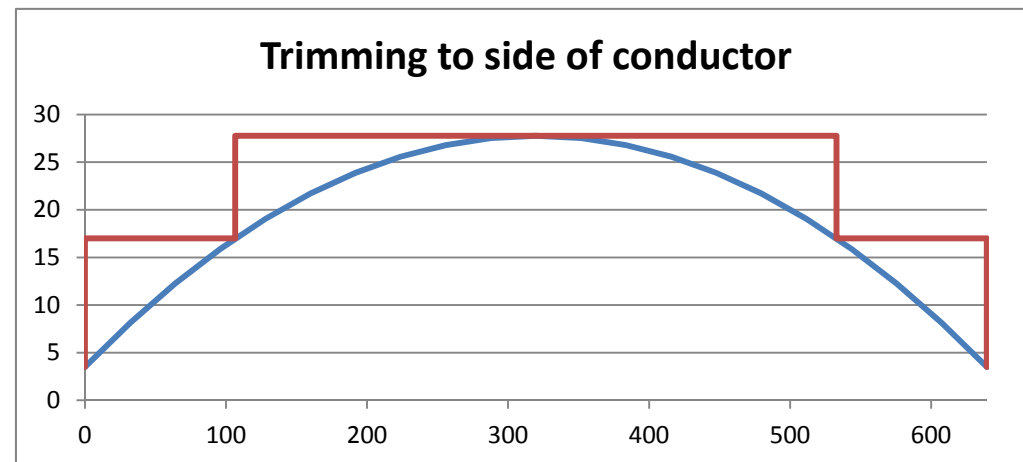
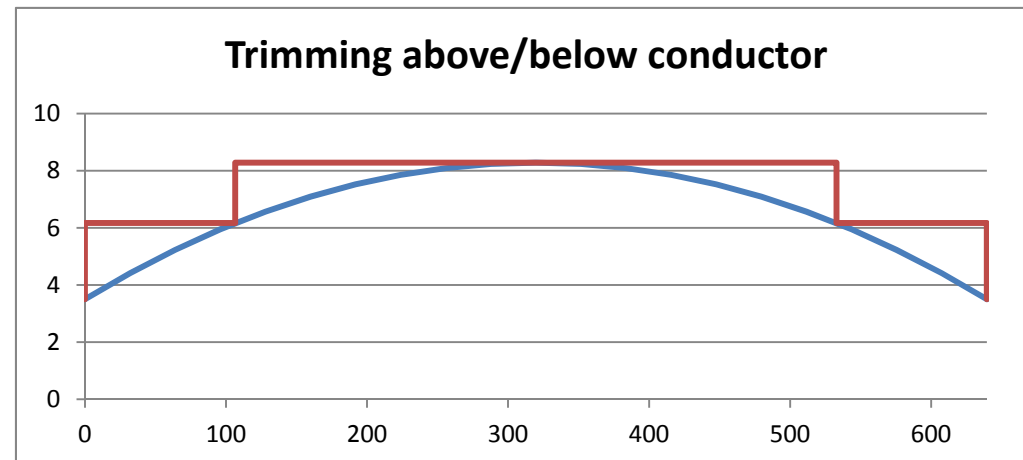
Span length 639.5m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17m
Blowout at mid span 28m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46677

PL480513 --- PL480514

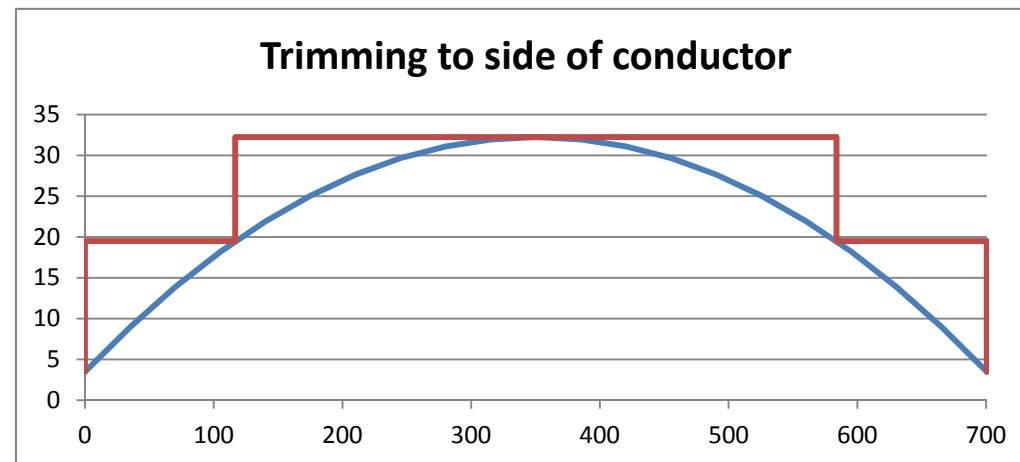
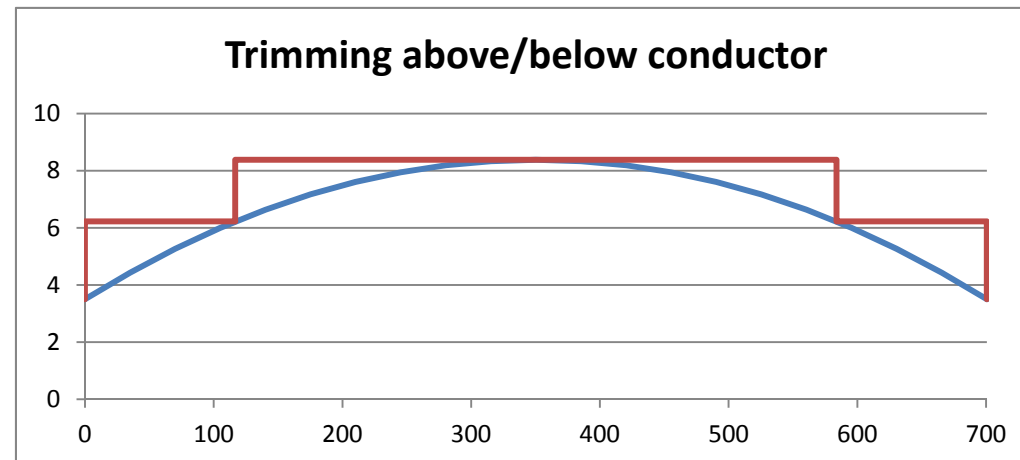
Span length 700.6m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 19.5m
Blowout at mid span 32.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46677

PL480571 --- PL480750

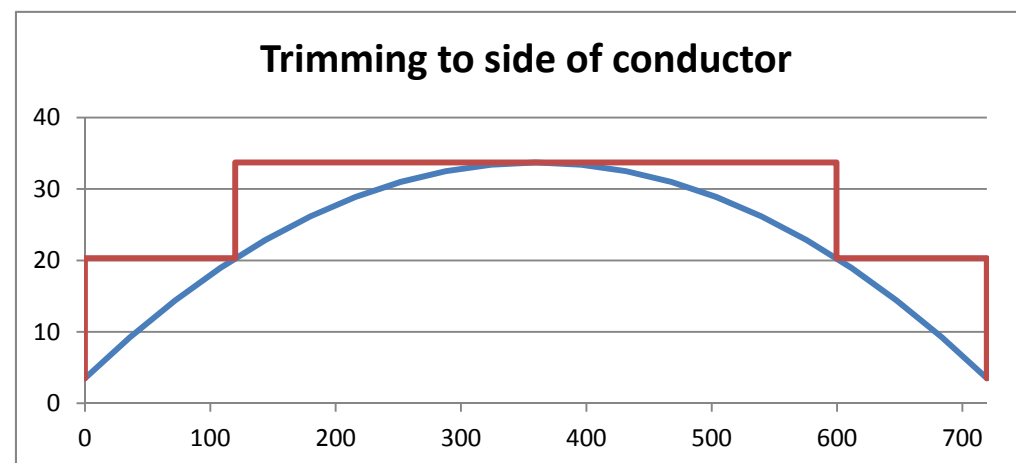
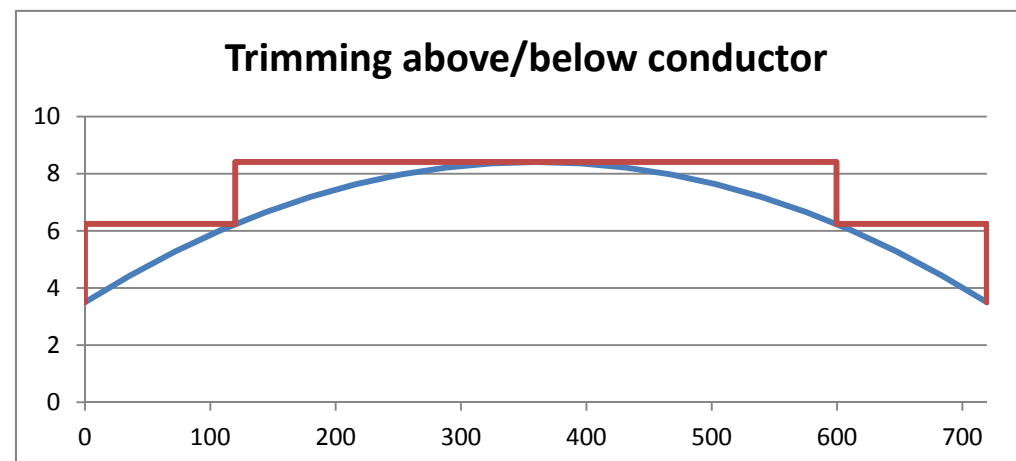
Span length 719.5m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 20.5m
Blowout at mid span 34m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46677

PL480511 --- PL755169

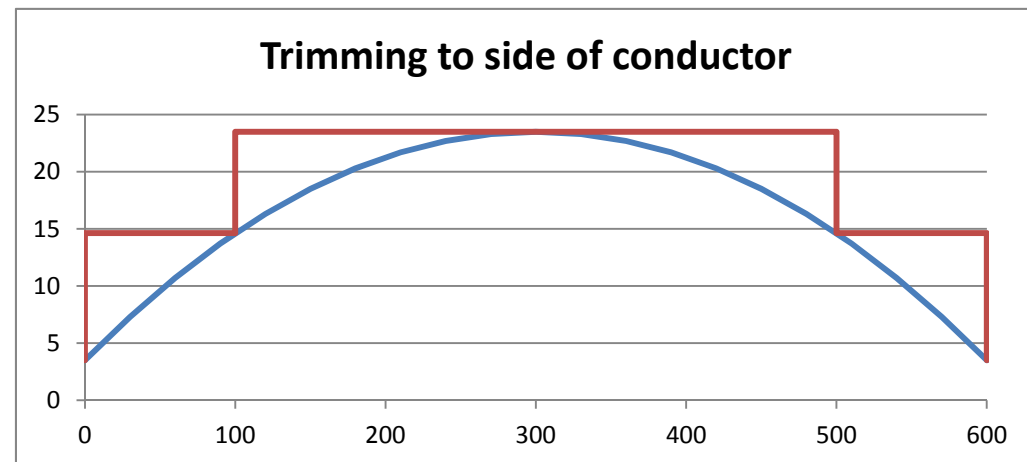
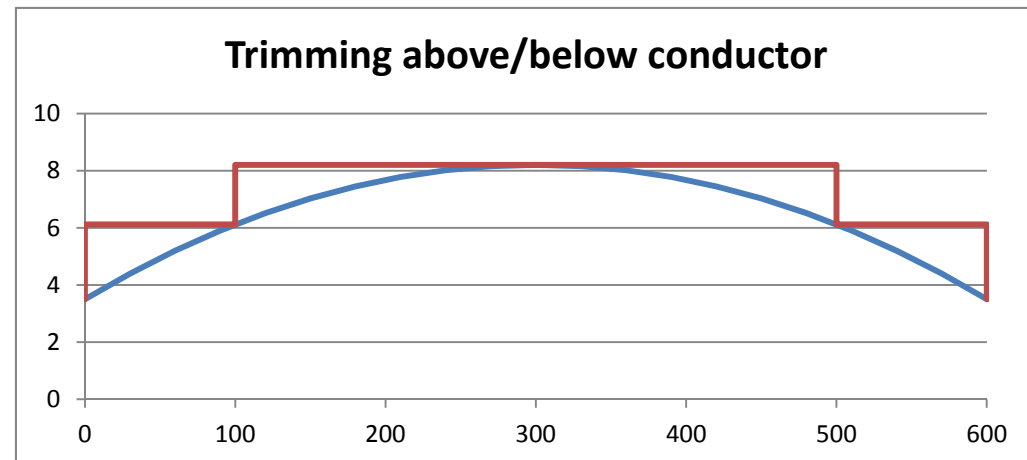
Span length 600.045m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 15m
 Blowout at mid span 23.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46678

PL480771 --- PL481064

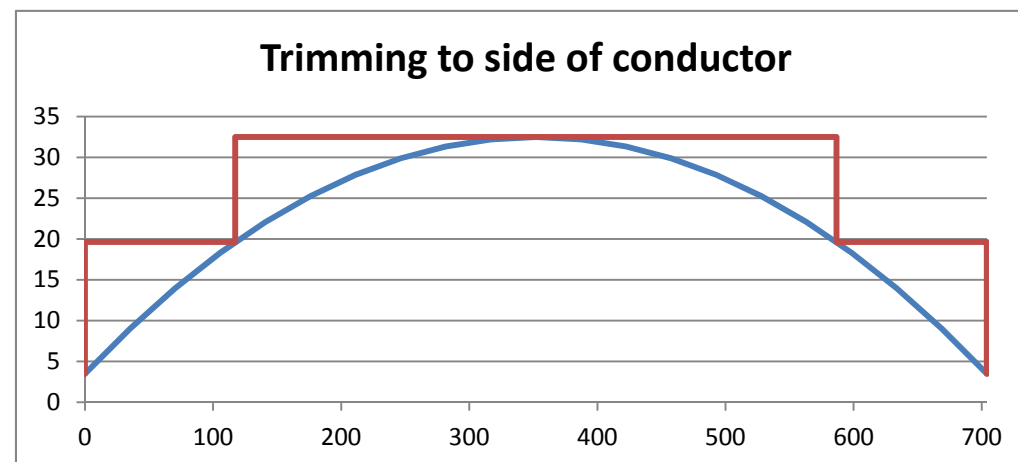
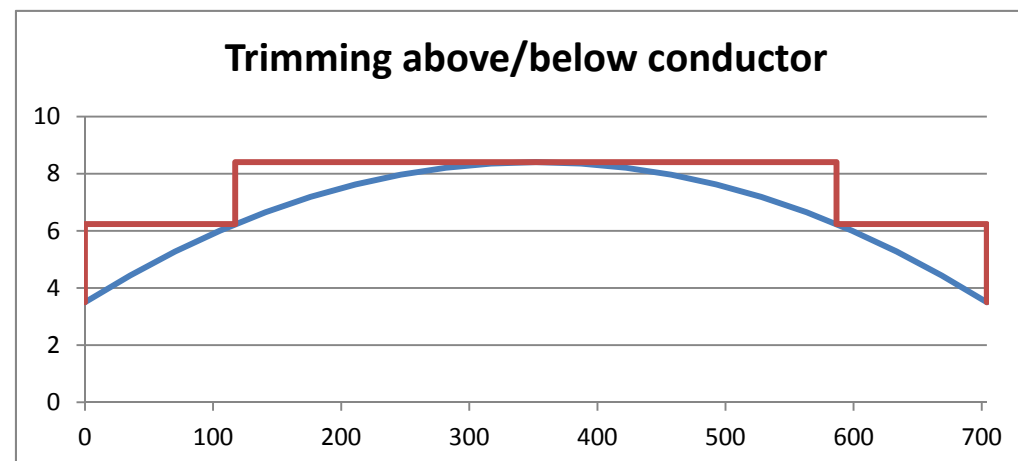
Span length 704m
 Voltage 132kV
 Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 20m
 Blowout at mid span 32.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46679

PL489866 --- PL489867

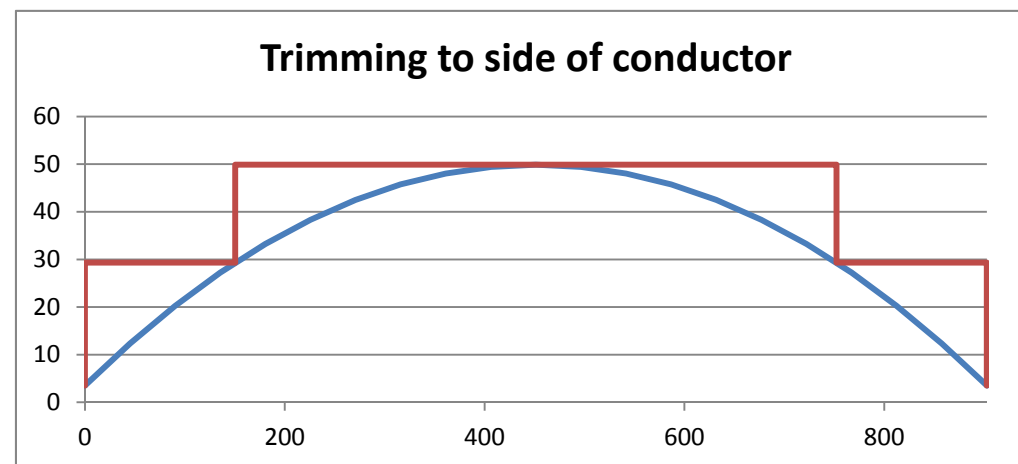
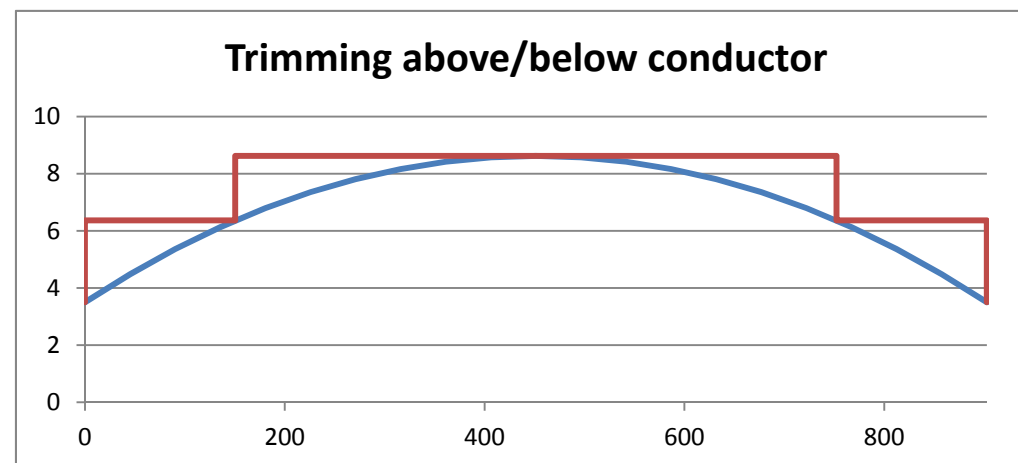
Span length 902.7m
 Voltage 132kV
 Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 29.5m
 Blowout at mid span 50m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46679

PL489239 --- PL754924

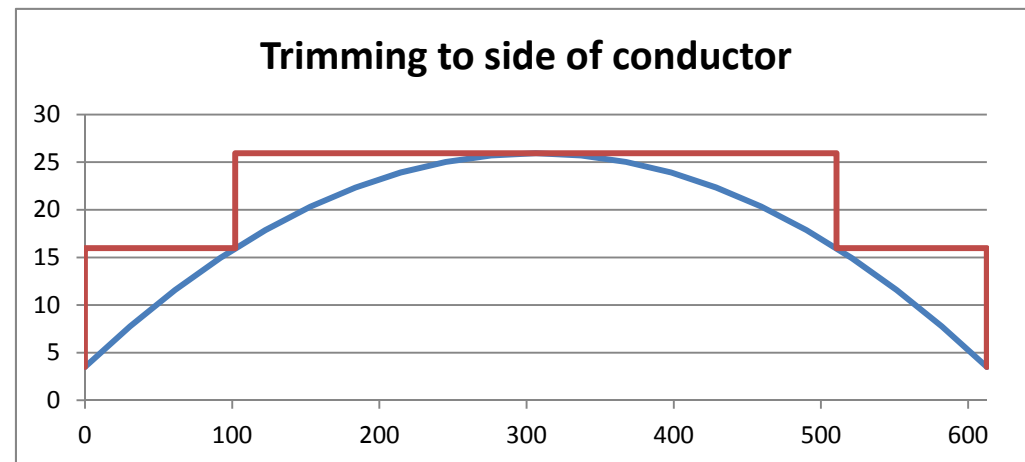
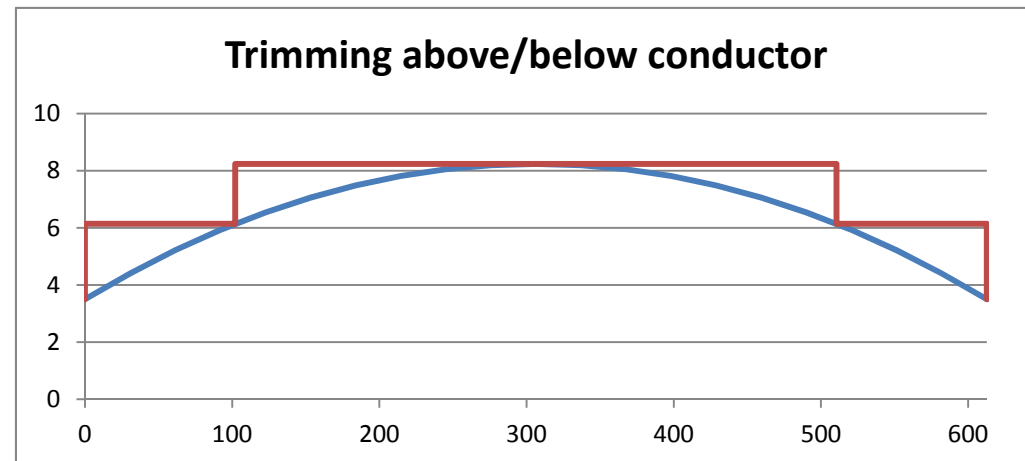
Span length 612.7m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16m
Blowout at mid span 26m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U46821

PL410975 --- PL446110

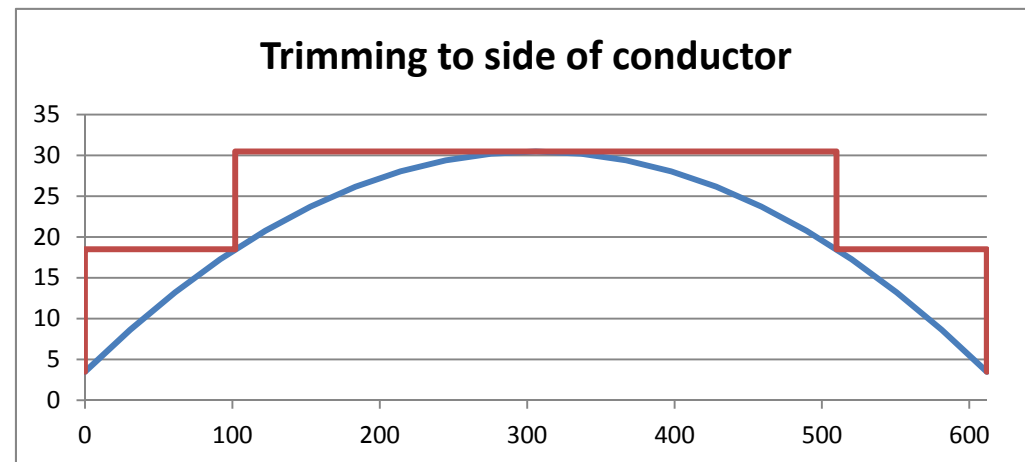
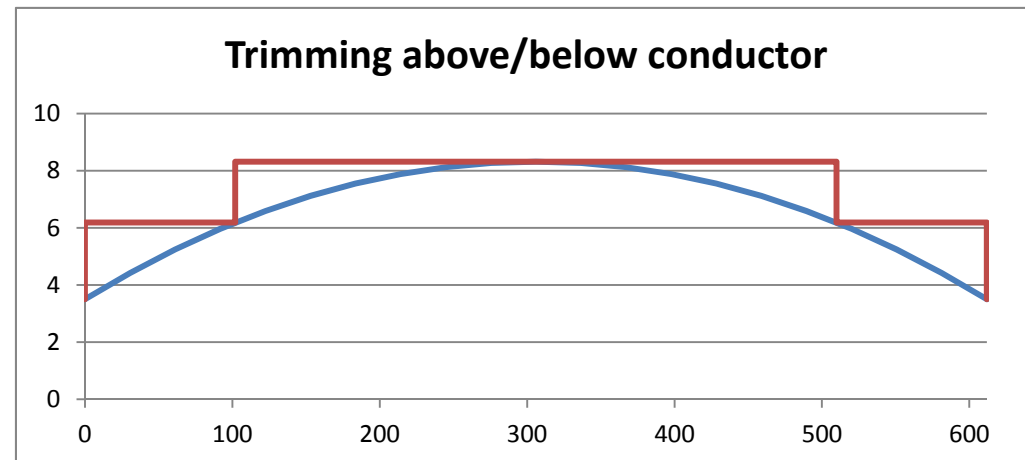
Span length 611.9m
Voltage 132kV
Conductor Coyote

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 18.5m
Blowout at mid span 30.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55002

PL624590 --- PL625859

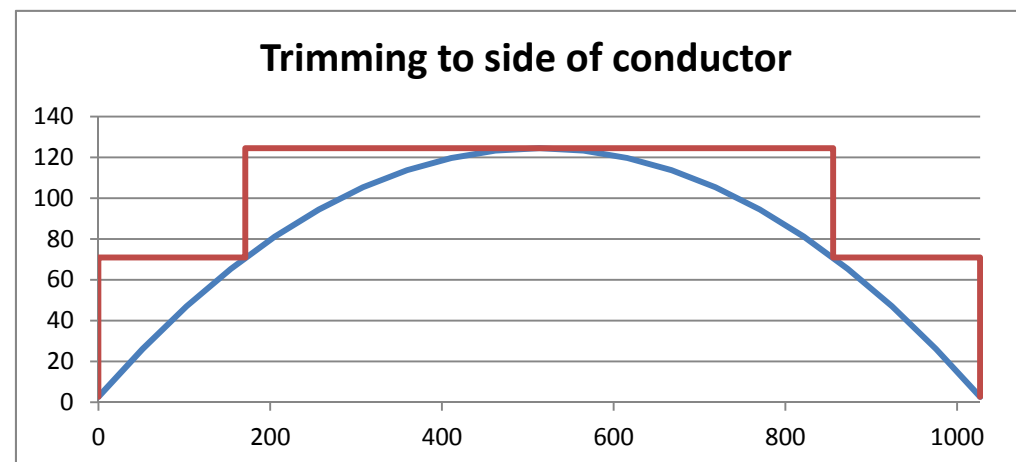
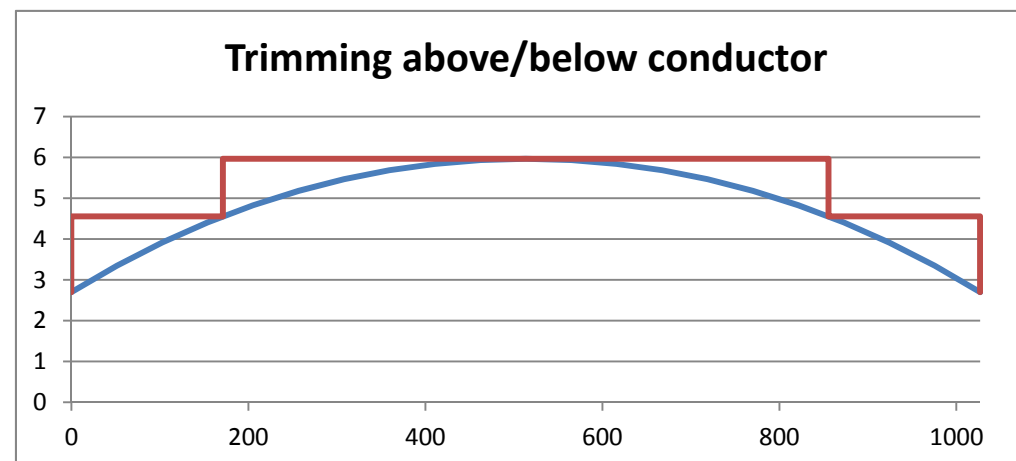
Span length 1026.8m
 Voltage 11kV
 Conductor Mercury

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 71m
 Blowout at mid span 124.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55456

PL485559 --- PL485563

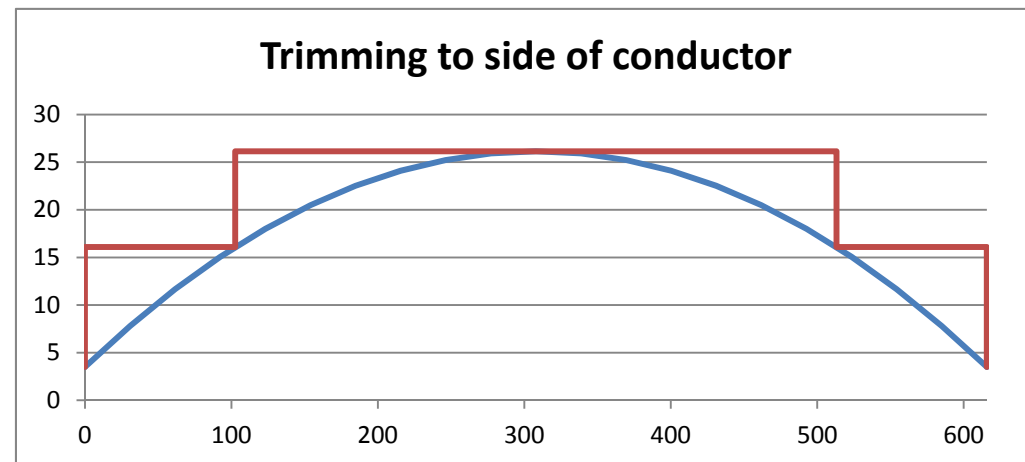
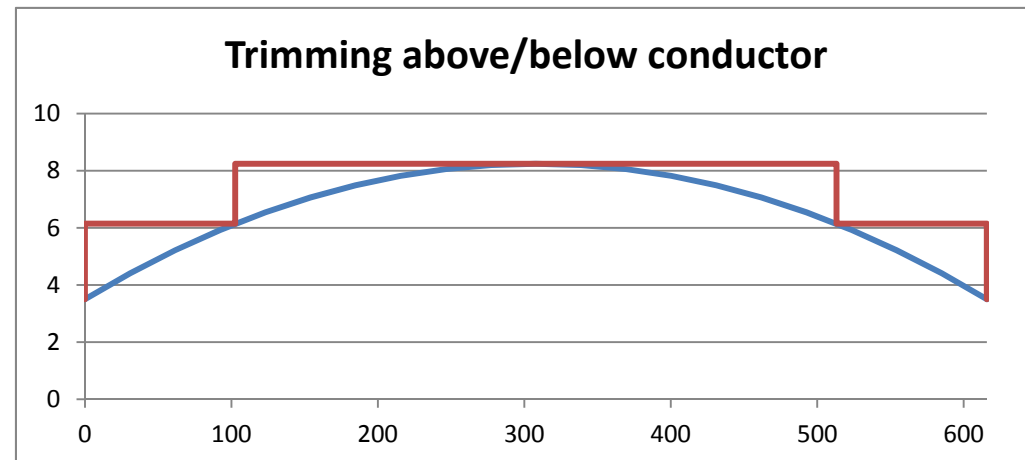
Span length 615.8m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16.5m
Blowout at mid span 26.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55602

PL485738 --- PL749435

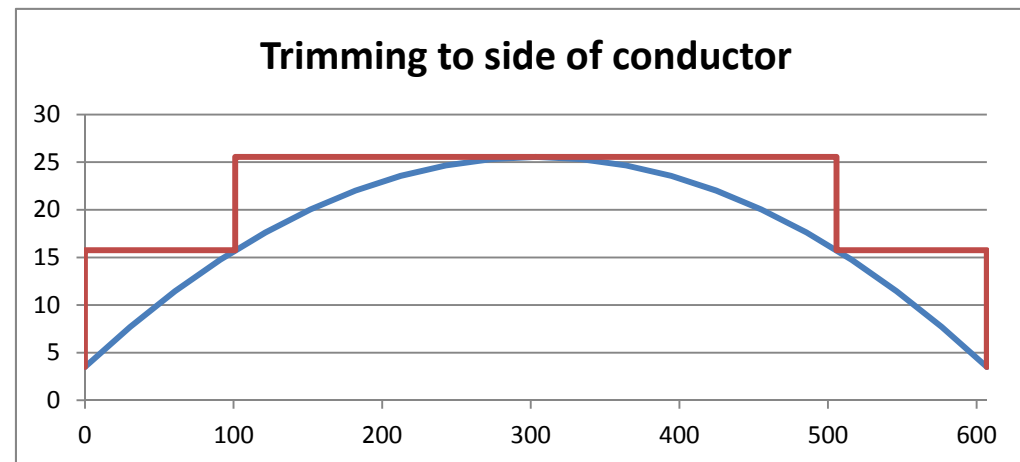
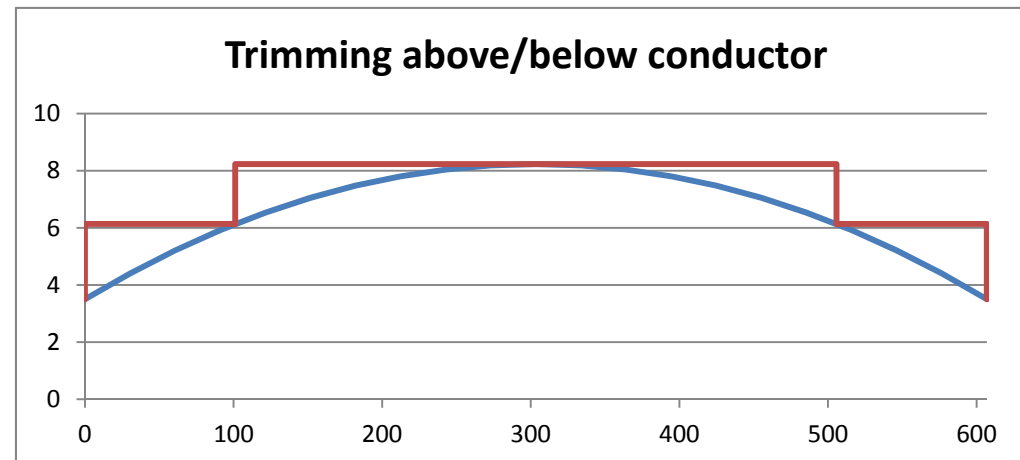
Span length 606.91m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16m
Blowout at mid span 26m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55602

PL749435 --- PL486792

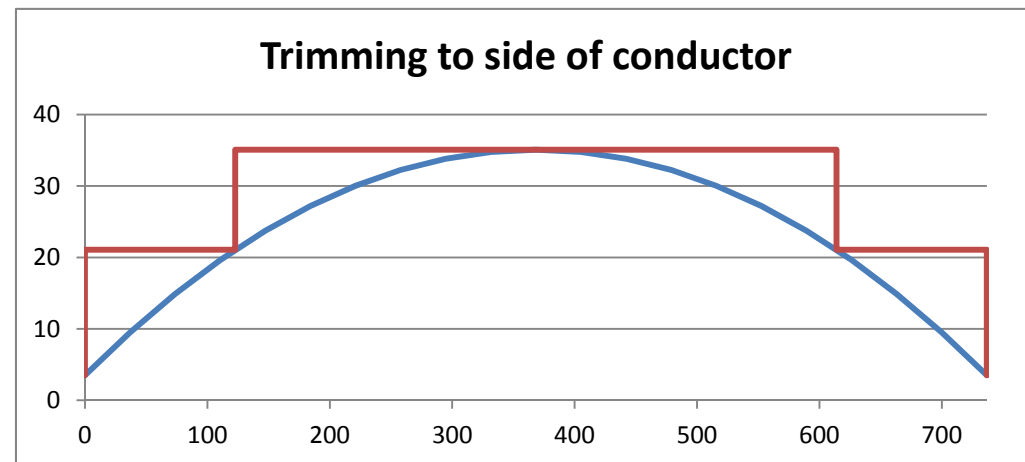
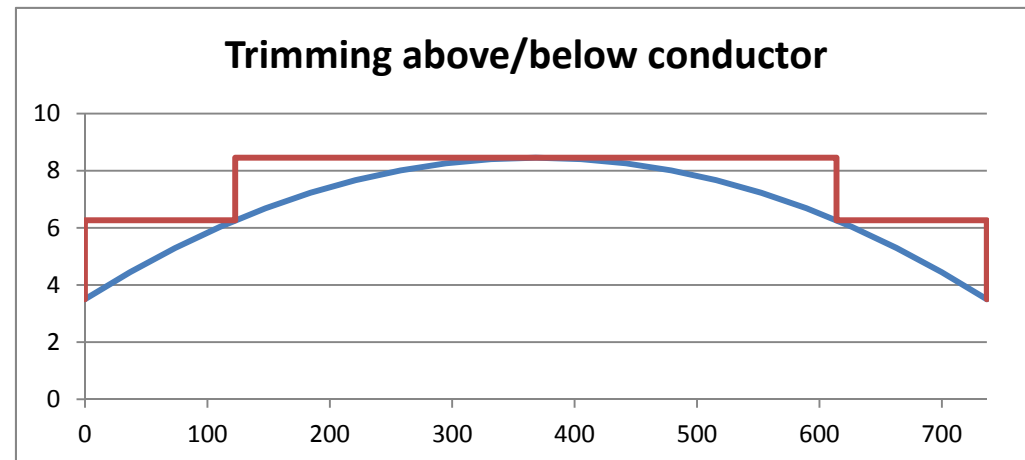
Span length 736.786m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 21.5m
Blowout at mid span 35.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55603

PL486162 --- PL486163

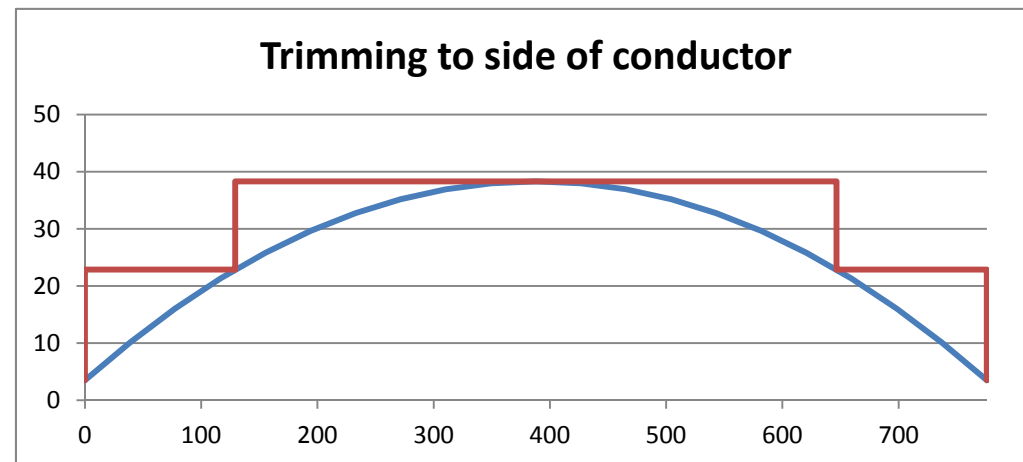
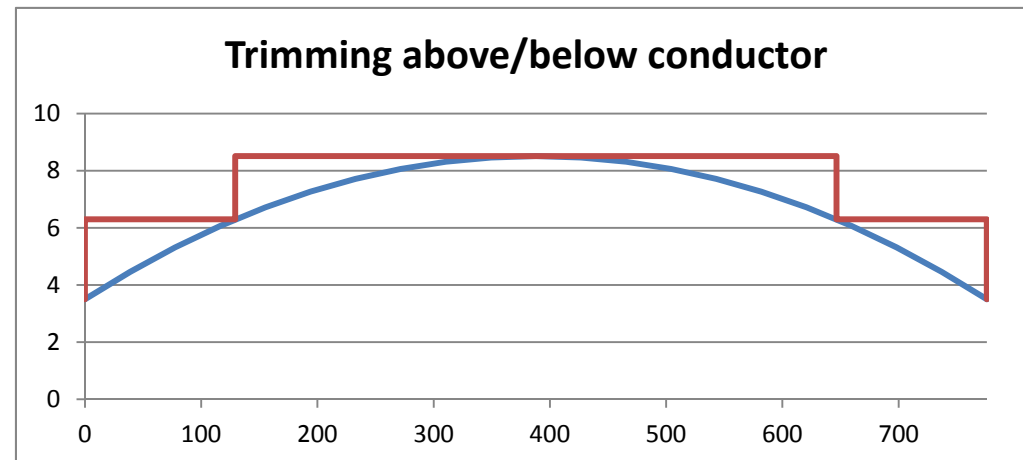
Span length 775.9m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 23m
Blowout at mid span 38.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55603

PL485737 --- PL749431

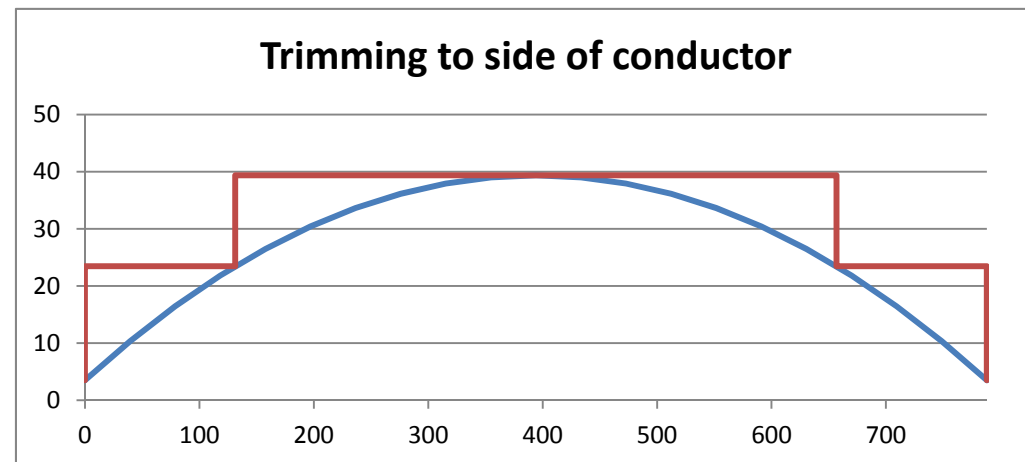
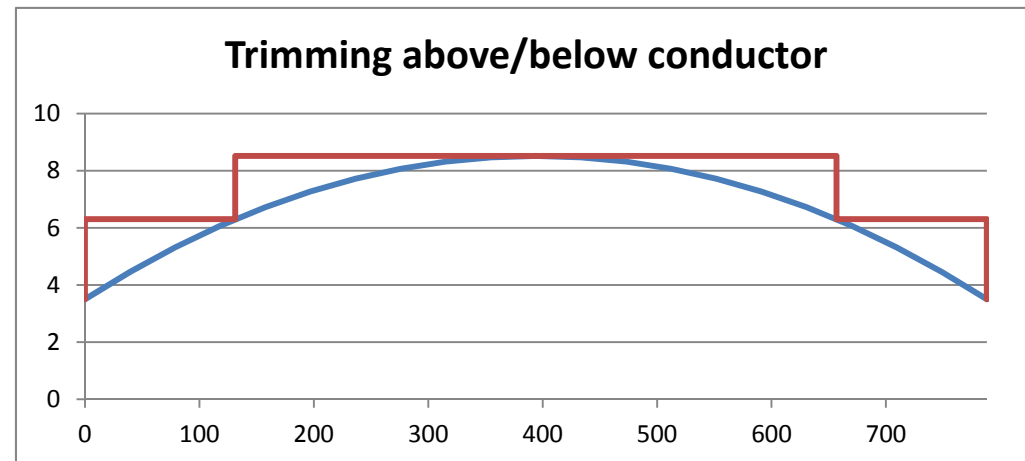
Span length 788.2m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 23.5m
Blowout at mid span 39.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55603

PL721646 --- PL485737

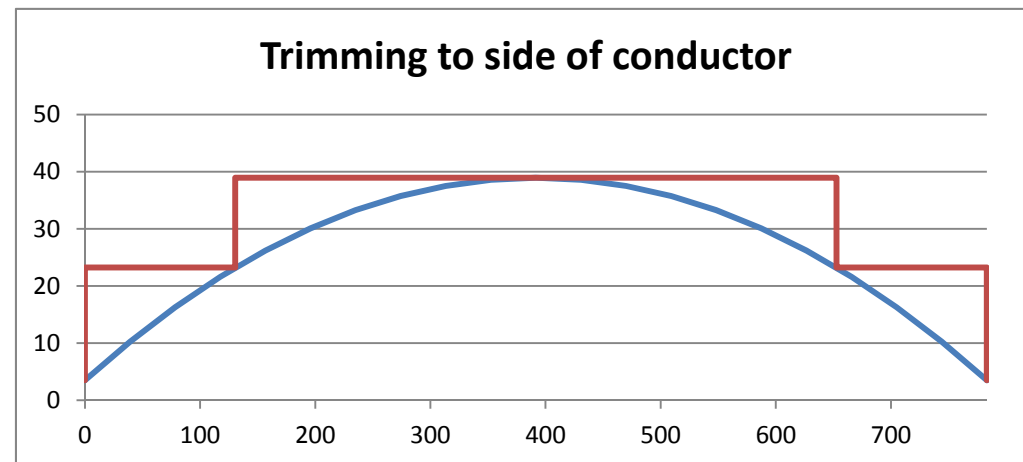
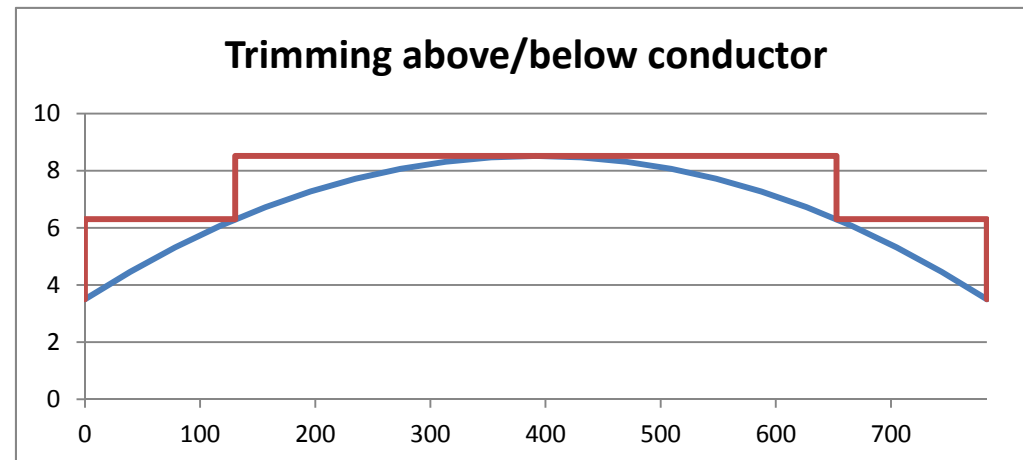
Span length 783.304m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 23.5m
Blowout at mid span 39m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55677

PL489244 --- PL489396

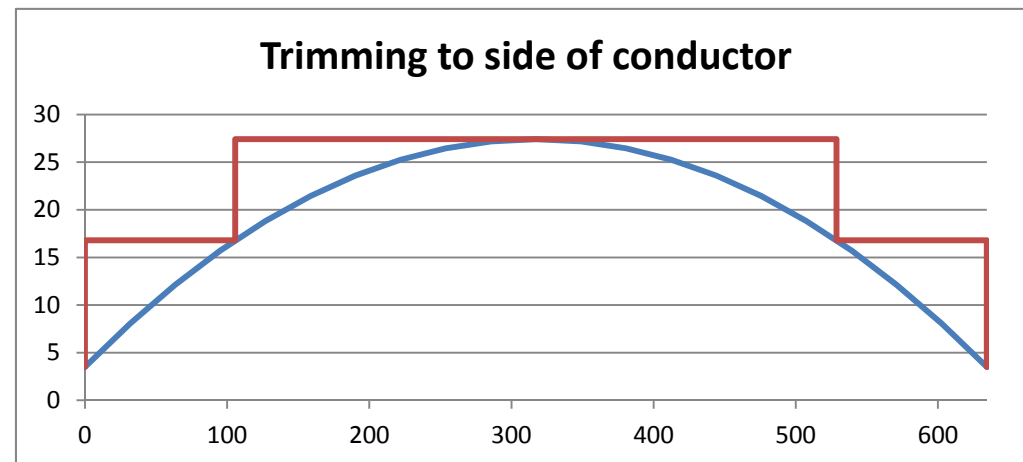
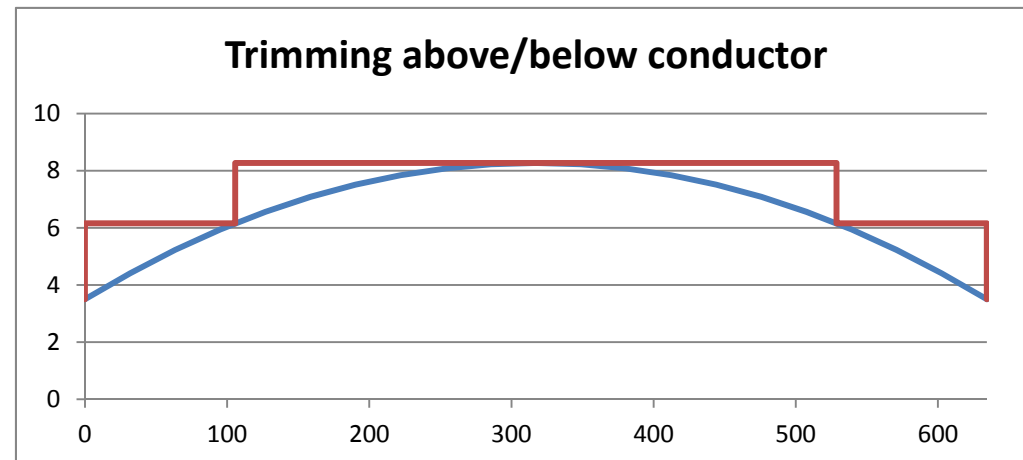
Span length 634.4m
 Voltage 132kV
 Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 17m
 Blowout at mid span 27.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U55677

PL489443 --- PL489444

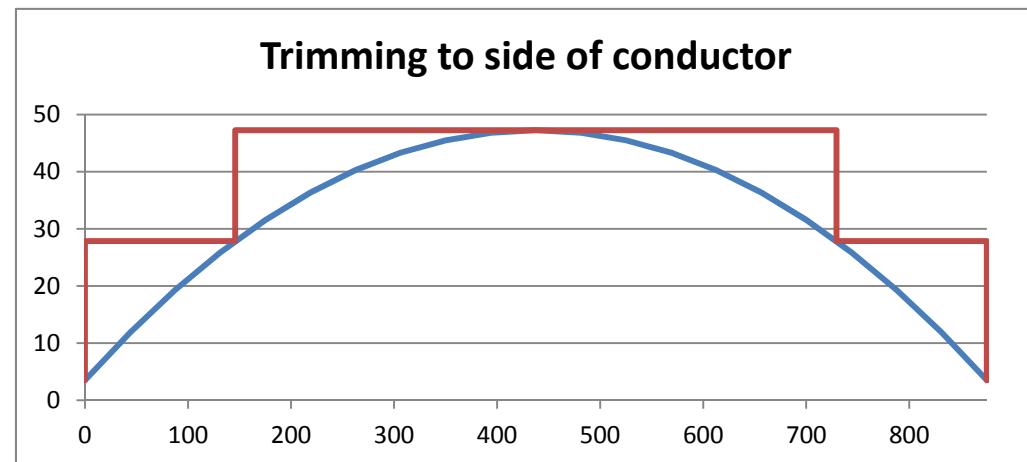
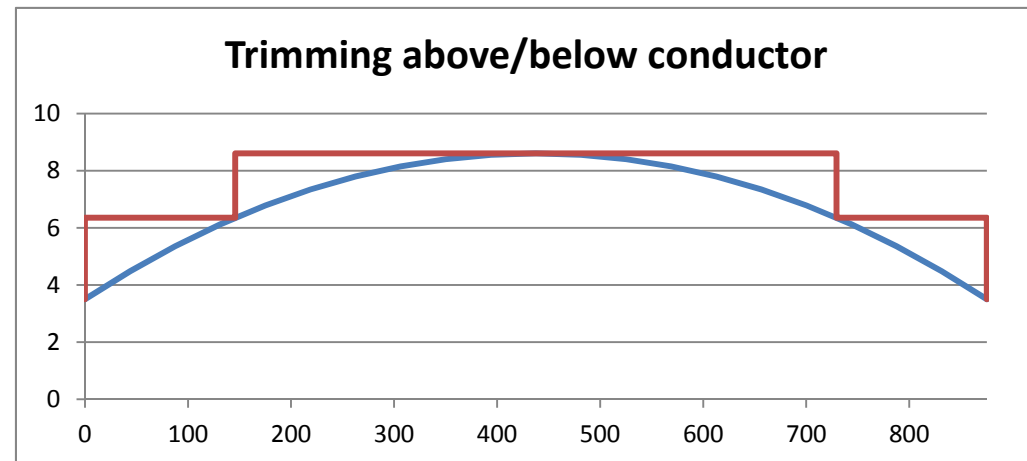
Span length 875.3m
 Voltage 132kV
 Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 28m
 Blowout at mid span 47.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U556783

PL814386 --- PL814389

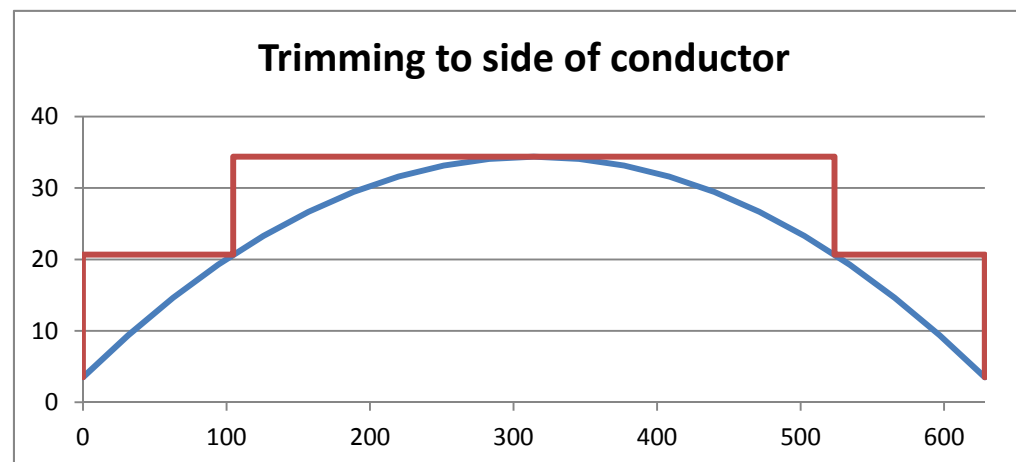
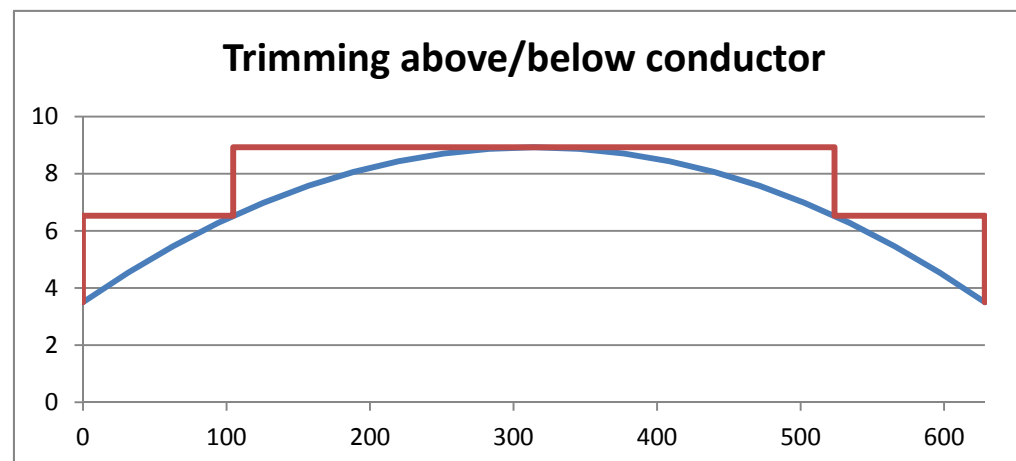
Span length 628.4m
 Voltage 132kV
 Conductor Neon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 9m
 Blowout at 1/6 span 21m
 Blowout at mid span 34.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U556783

PL486789 --- PL486792

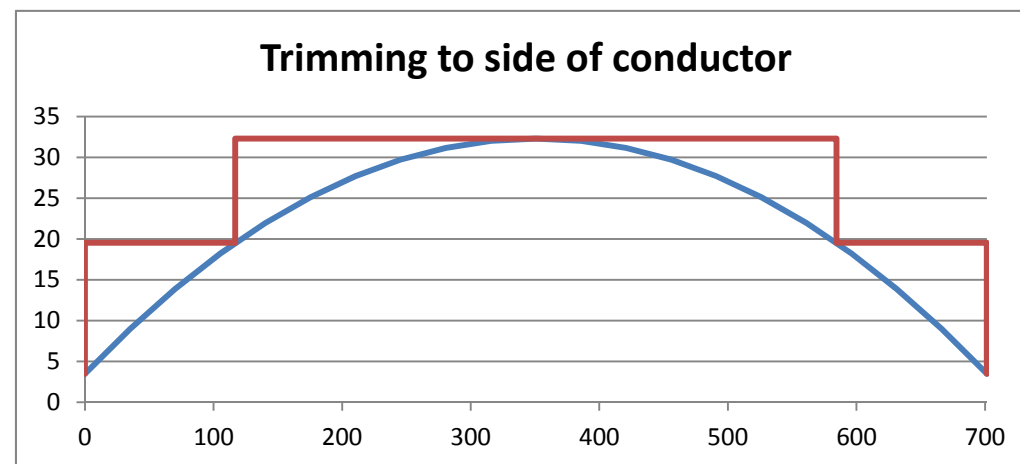
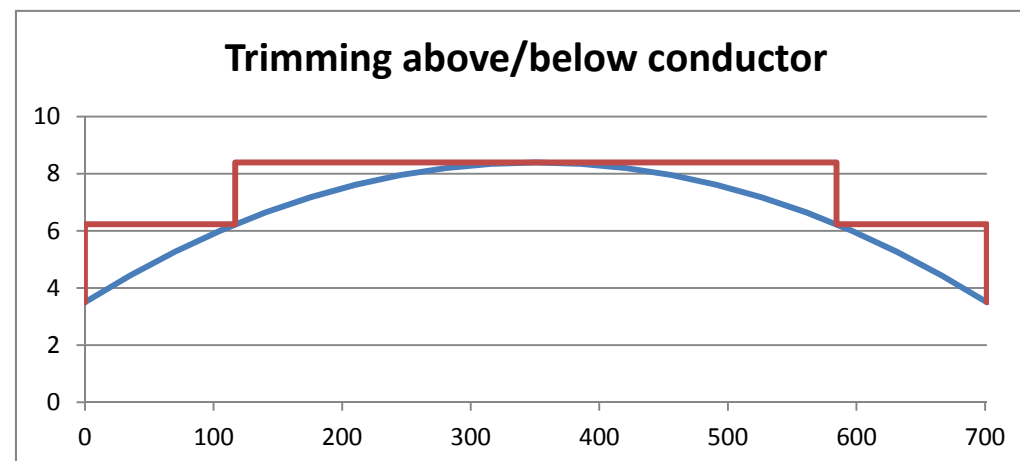
Span length 701.4m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 19.5m
Blowout at mid span 32.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U556783

PL486791 --- PL489444

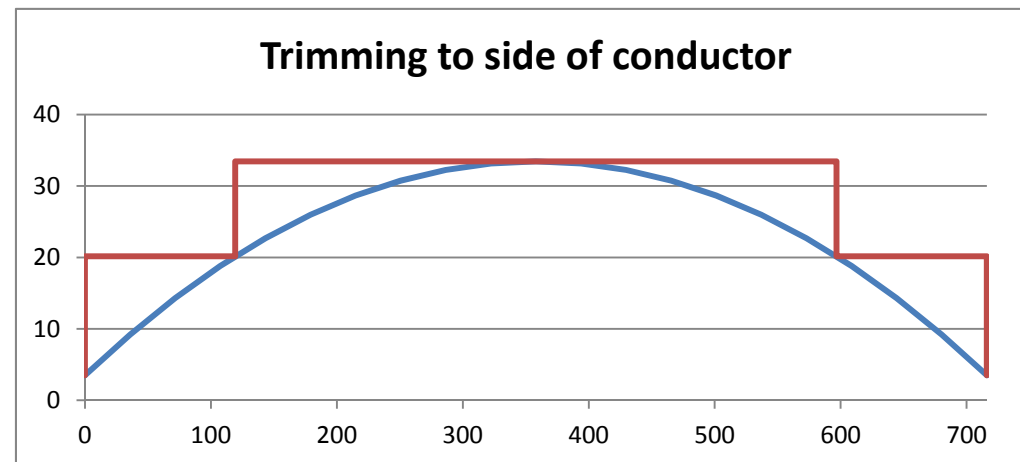
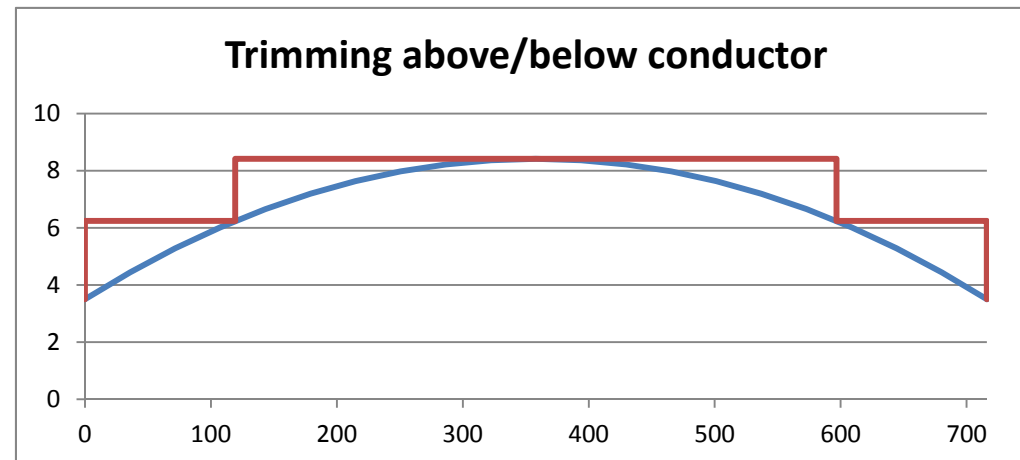
Span length 716.1m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 20.5m
Blowout at mid span 33.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64451

PL489644 --- PL489645

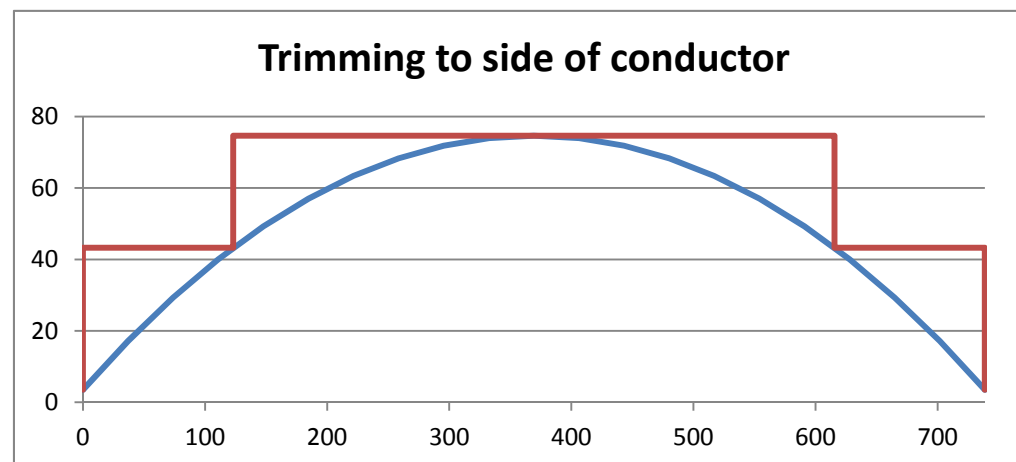
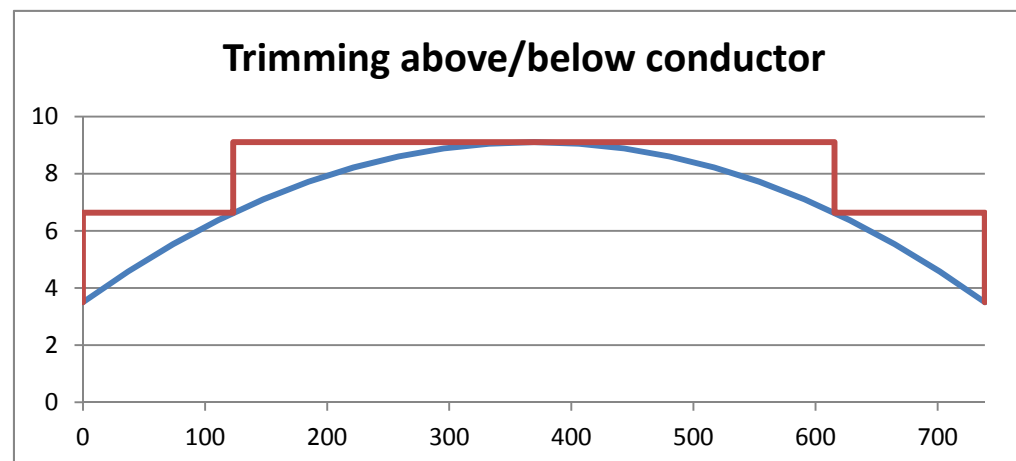
Span length 738.7m
 Voltage 132kV
 Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 7m
 Above/below at mid span 9.5m
 Blowout at 1/6 span 43.5m
 Blowout at mid span 75m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64521

PL495266 --- PL495585

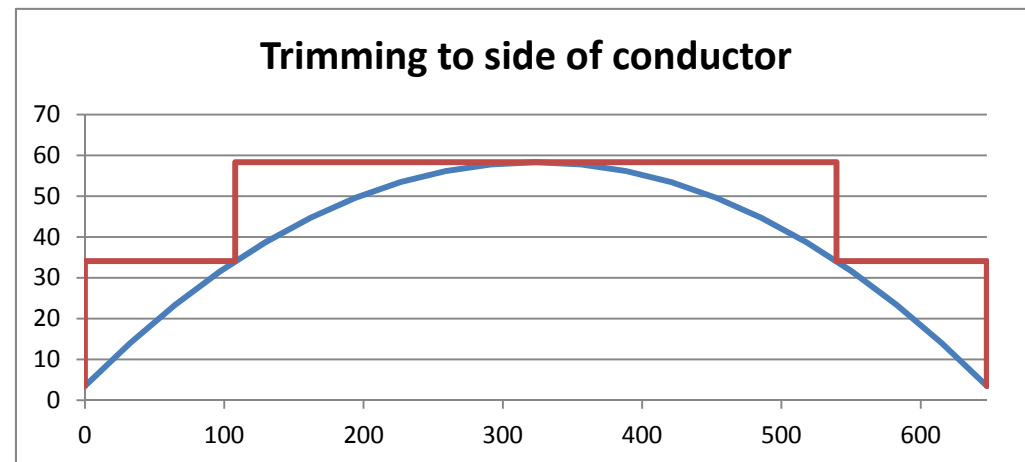
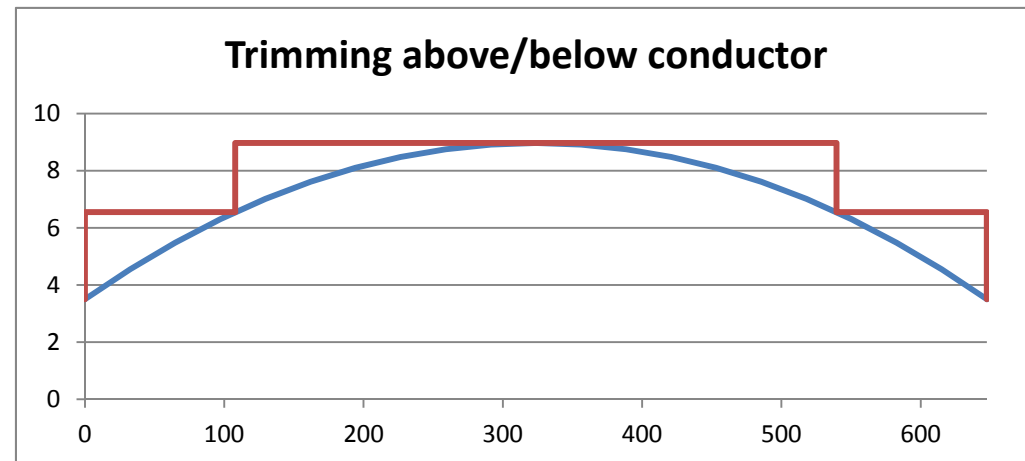
Span length 647.5m
Voltage 132kV
Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9m
Blowout at 1/6 span 34.5m
Blowout at mid span 58.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64524

PL491567 --- PL755967

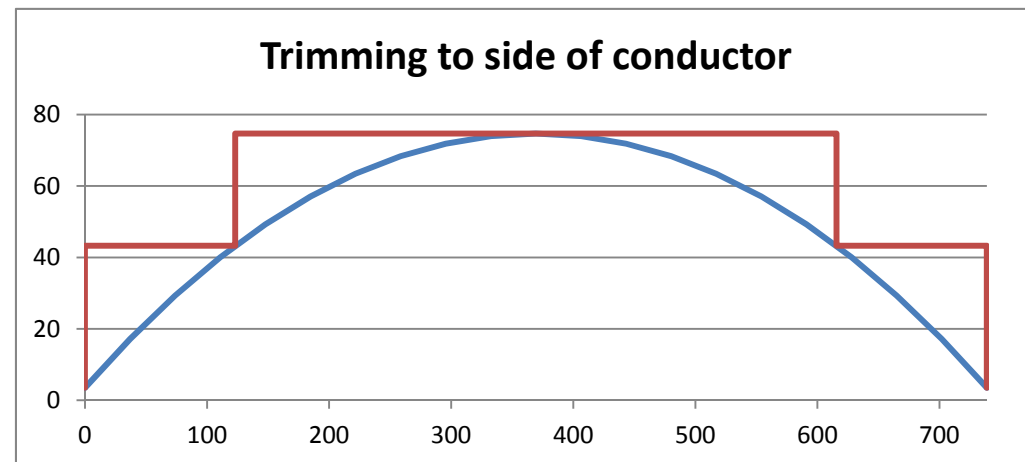
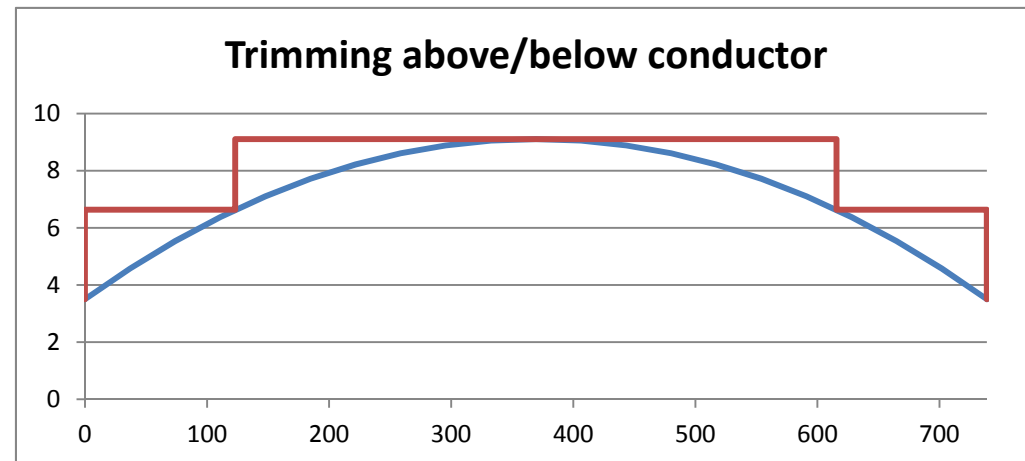
Span length 738.8m
Voltage 132kV
Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 43.5m
Blowout at mid span 75m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64524

PL491567 --- PL495266

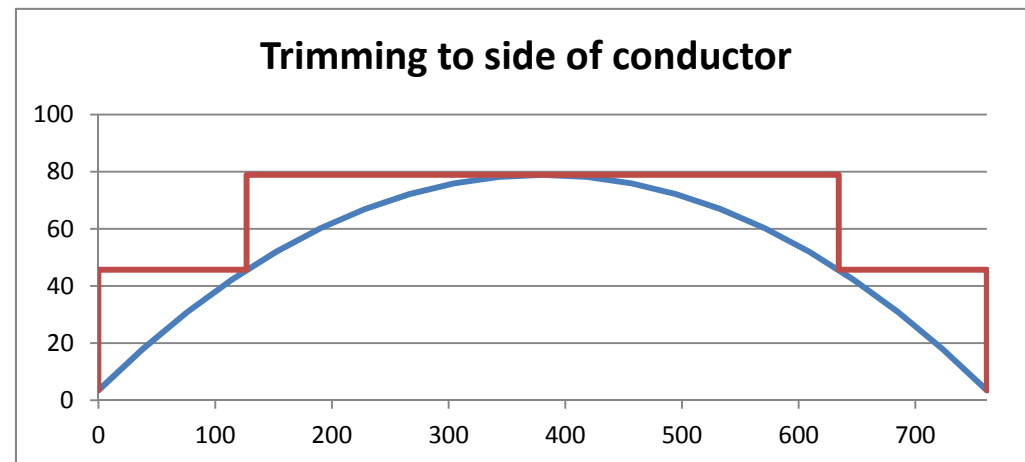
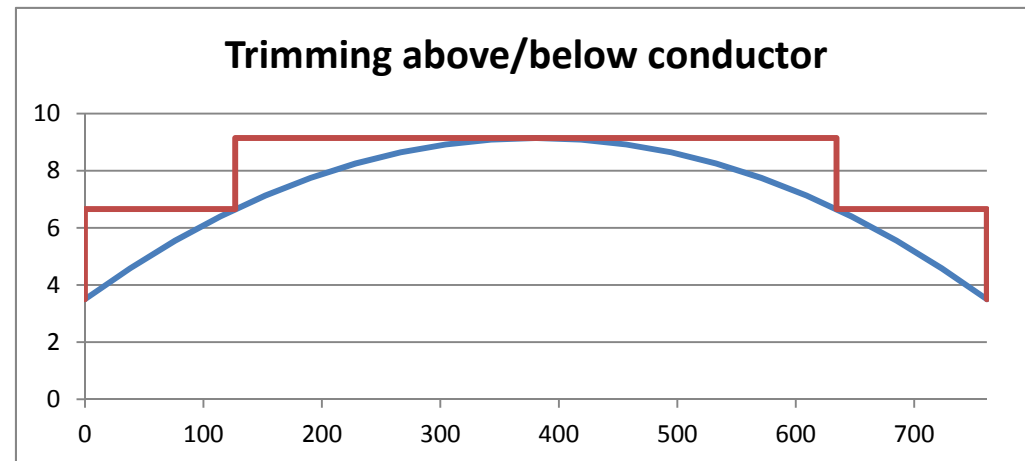
Span length 761.3m
Voltage 132kV
Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 46m
Blowout at mid span 79m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64527

PL491696 --- PL749555

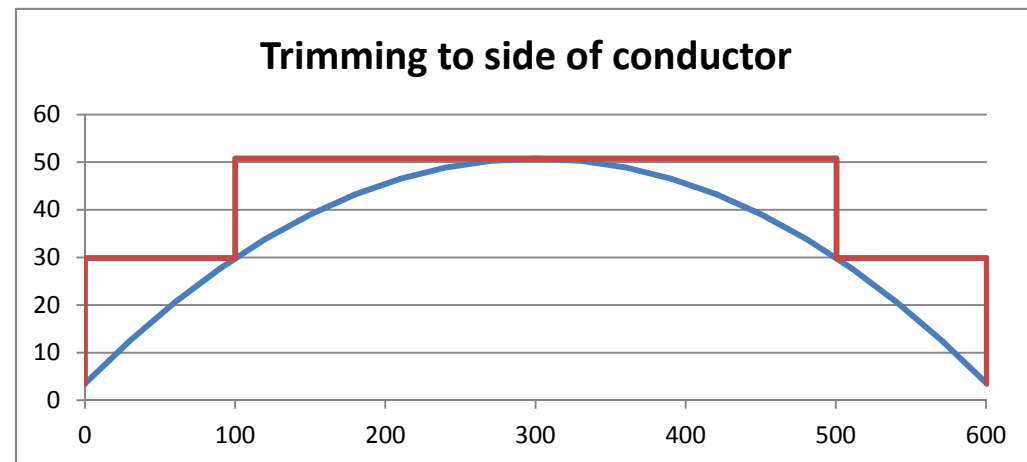
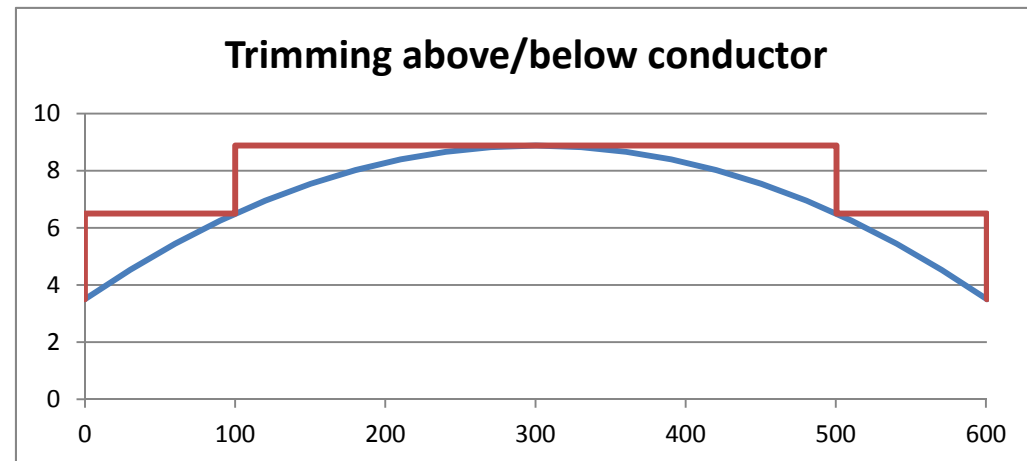
Span length 600.6m
Voltage 132kV
Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 30m
Blowout at mid span 51m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U64601

PL486163 --- PL491994

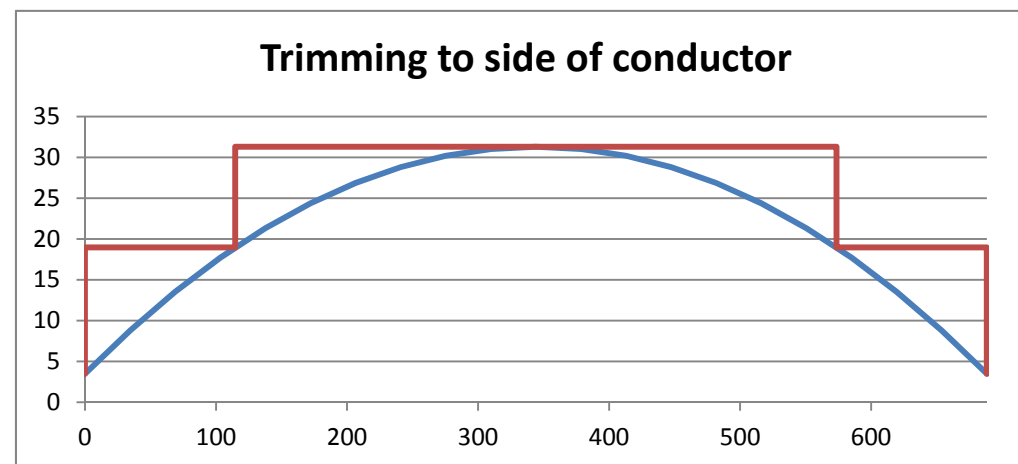
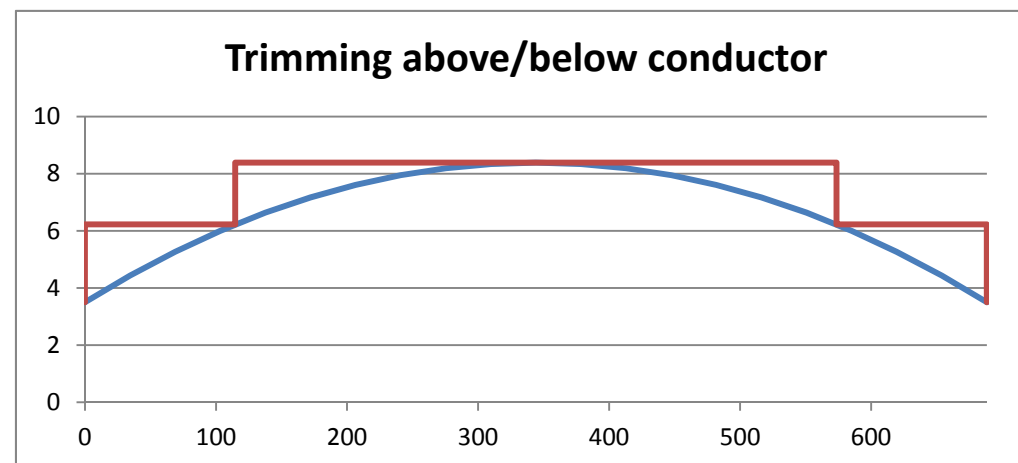
Span length 688.3m
 Voltage 132kV
 Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 19m
 Blowout at mid span 31.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U73222

GDI_181481 --- PL830115

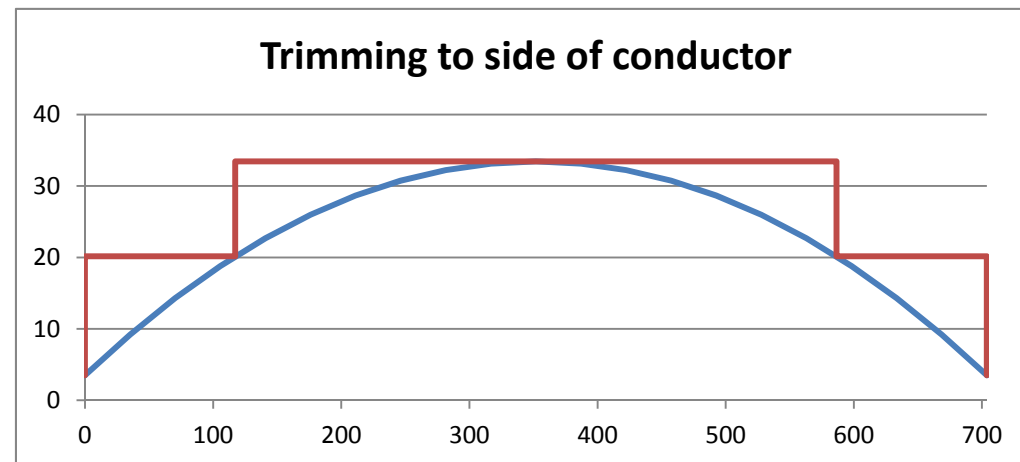
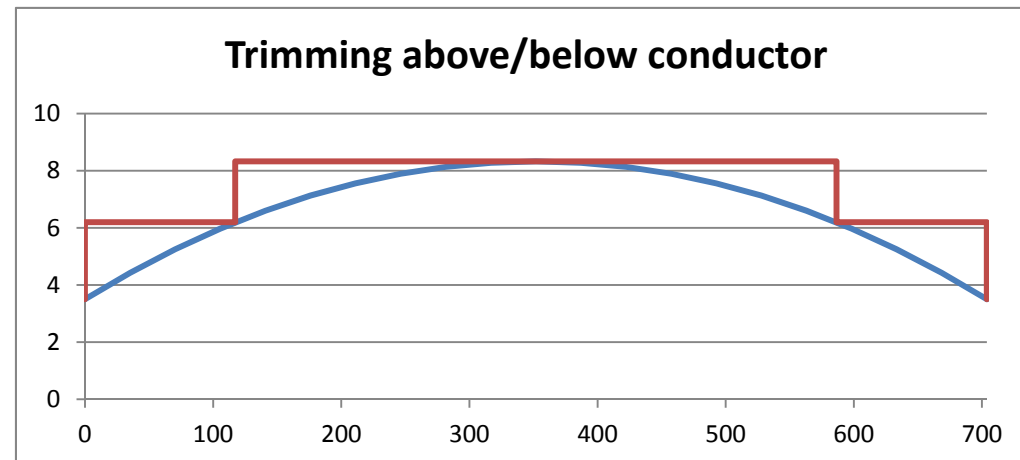
Span length 703.8m
 Voltage 132kV
 Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 20.5m
 Blowout at mid span 33.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U73222

GDI_193831 --- PL351635

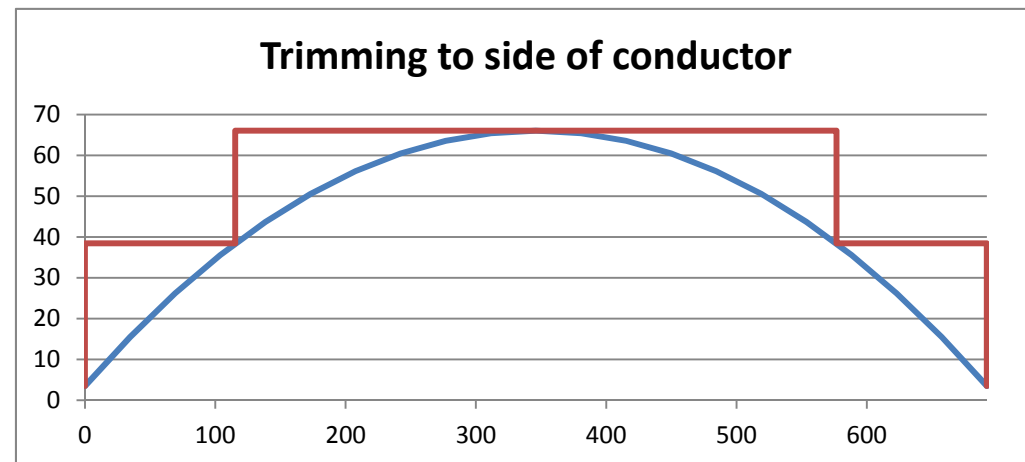
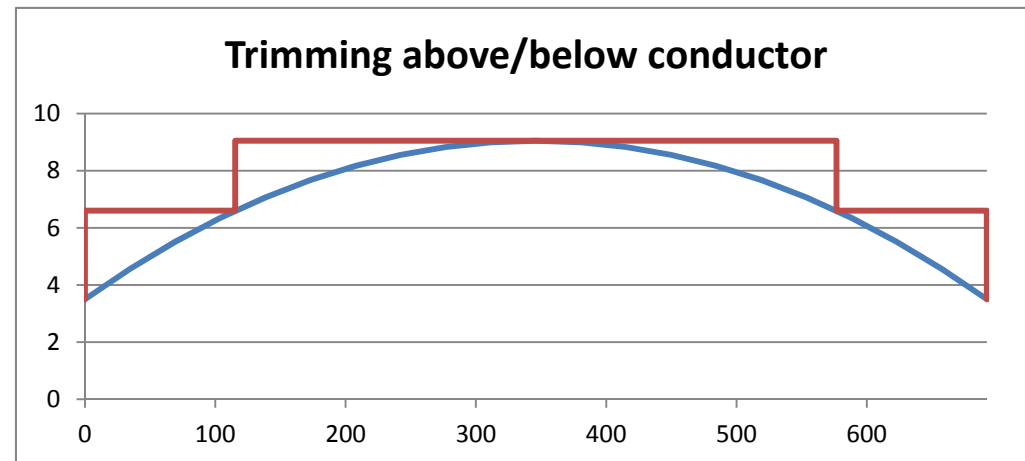
Span length 692.1m
 Voltage 132kV
 Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 7m
 Above/below at mid span 9.5m
 Blowout at 1/6 span 38.5m
 Blowout at mid span 66m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U73222

PL287761 --- PL830156

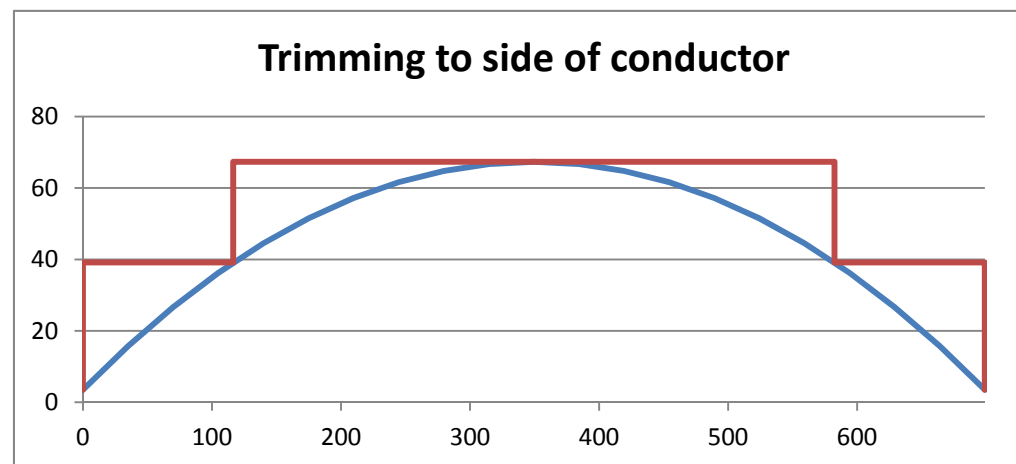
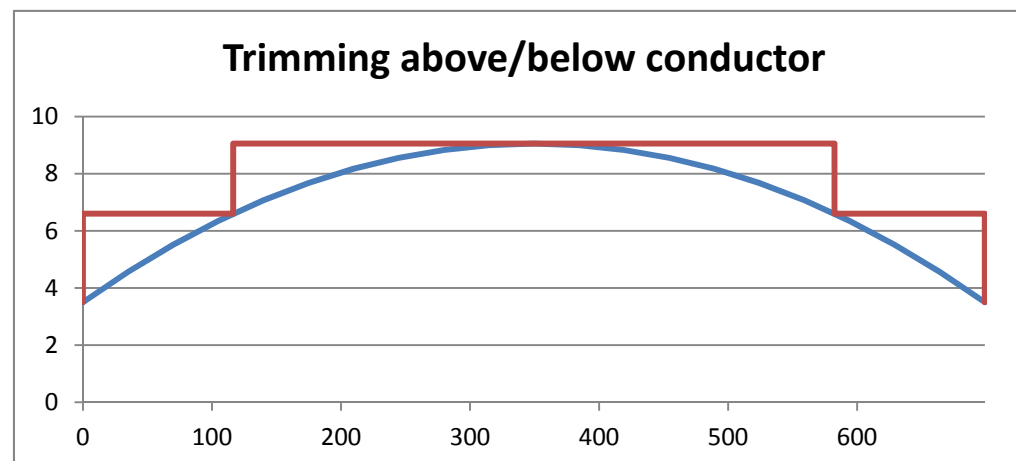
Span length 699m
 Voltage 132kV
 Conductor UNKNOWN

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 7m
 Above/below at mid span 9.5m
 Blowout at 1/6 span 39.5m
 Blowout at mid span 67.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U73459

PL602490 --- PL603441

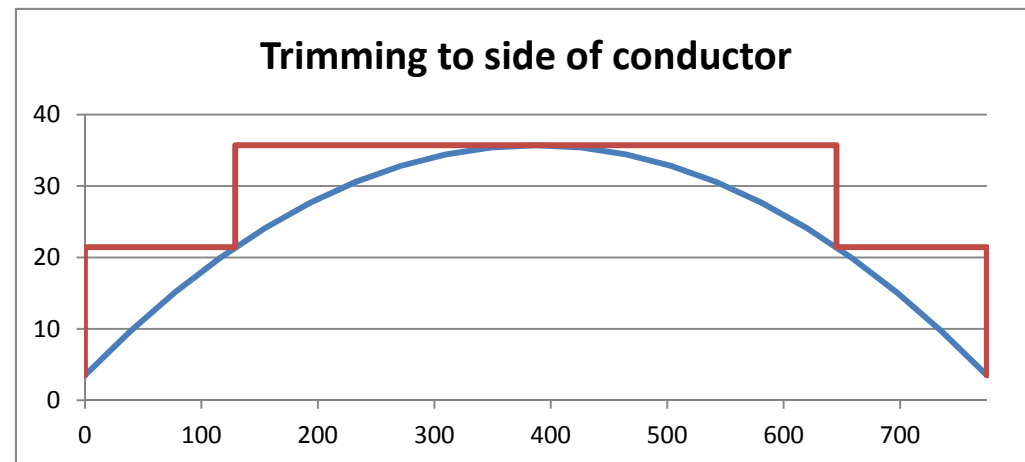
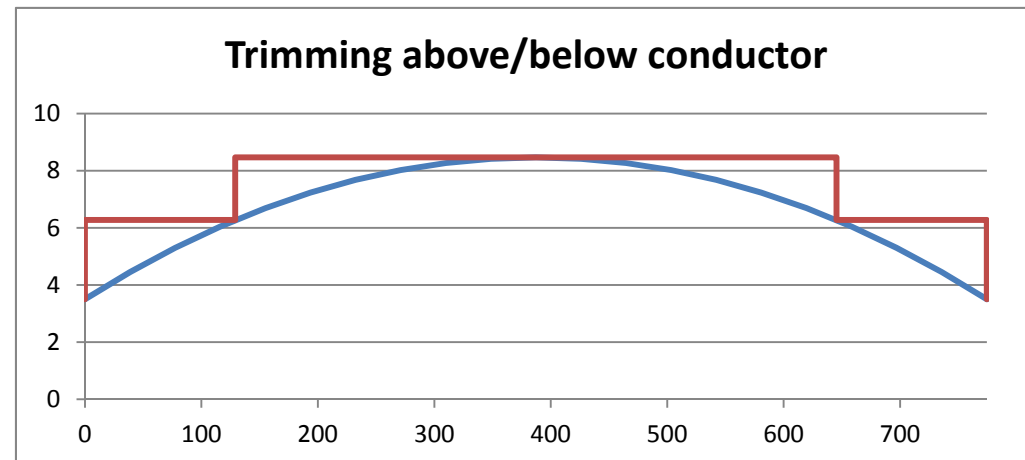
Span length 774.5m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 21.5m
 Blowout at mid span 36m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U73972

PL886981 --- PL725758

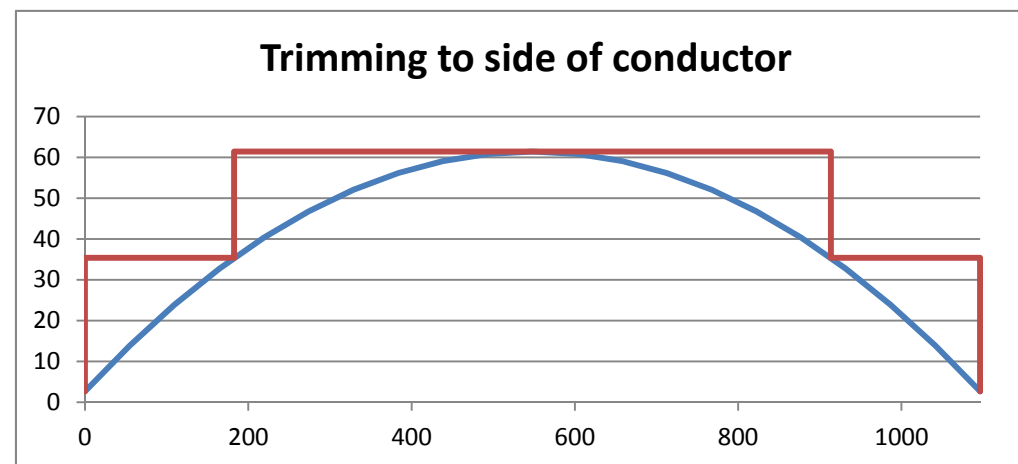
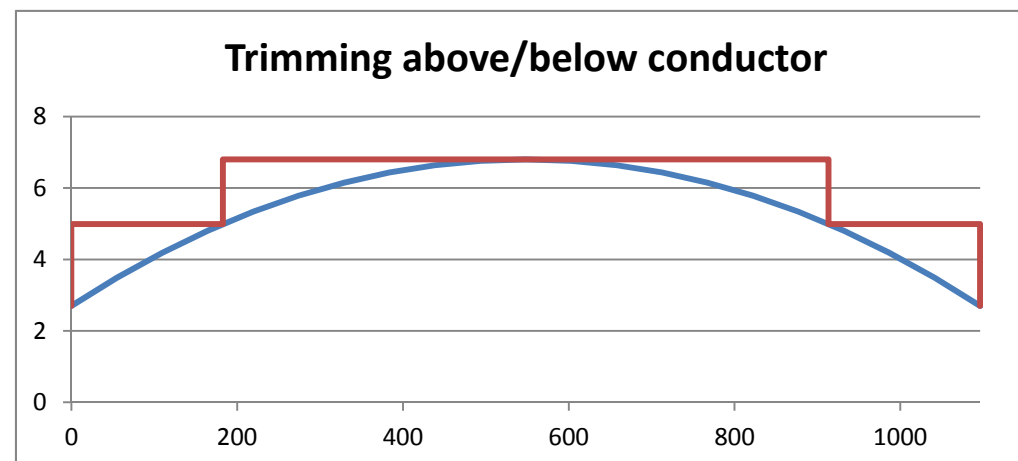
Span length 1096.3m
 Voltage 22kV
 Conductor Snipe

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 7m
 Blowout at 1/6 span 35.5m
 Blowout at mid span 61.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7435

PL410956 --- PL410958

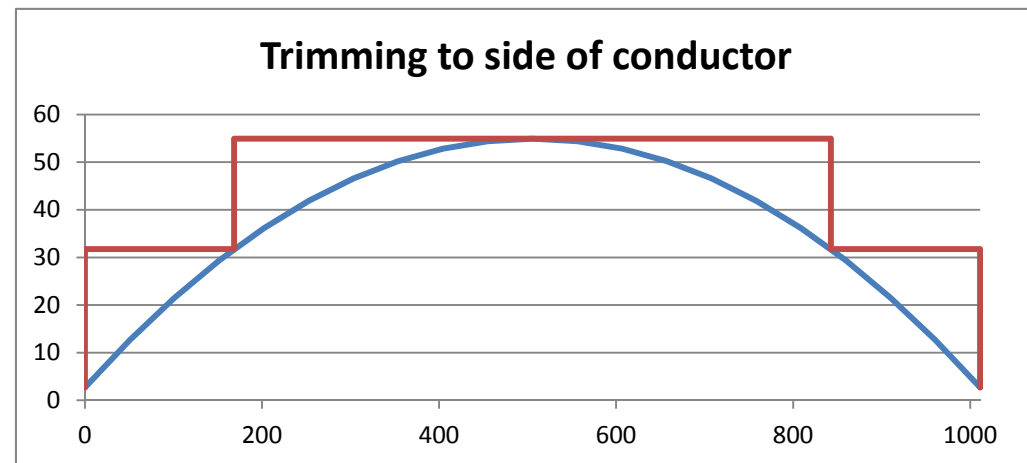
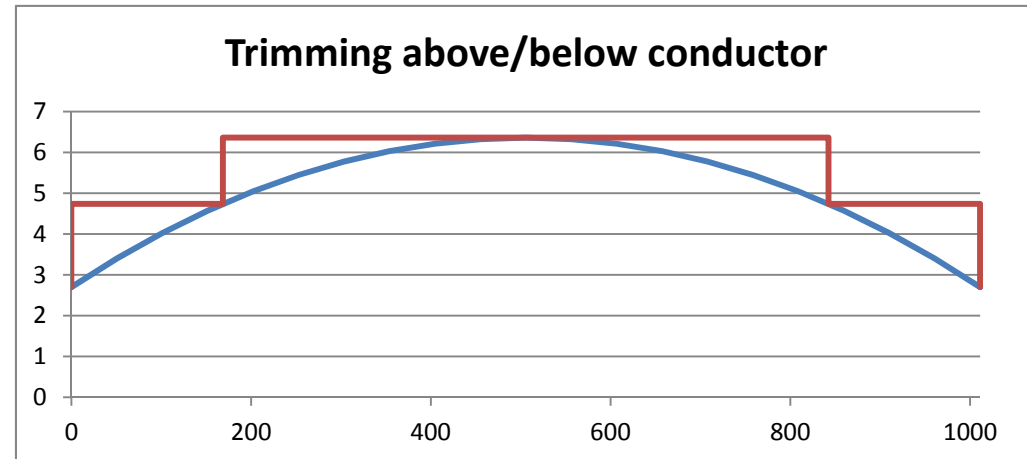
Span length 1011.2m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 32m
 Blowout at mid span 55m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7435

PL410968 --- PL814278

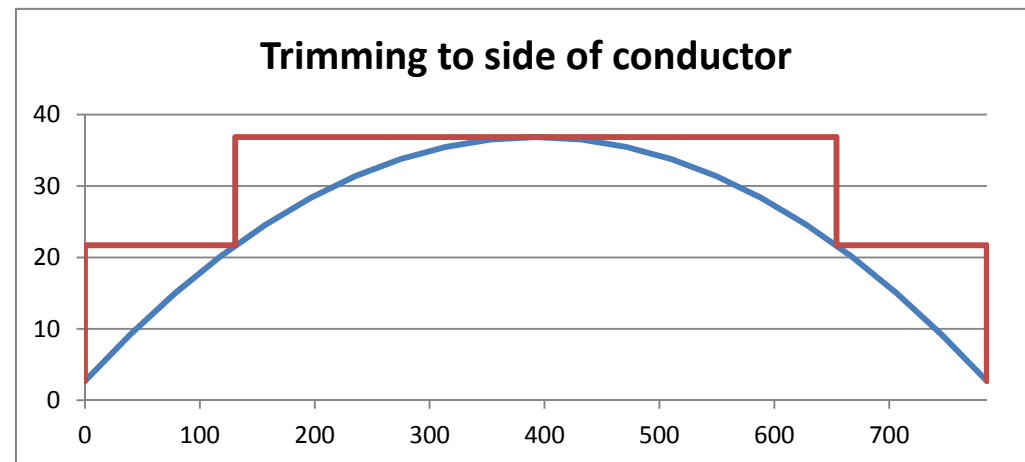
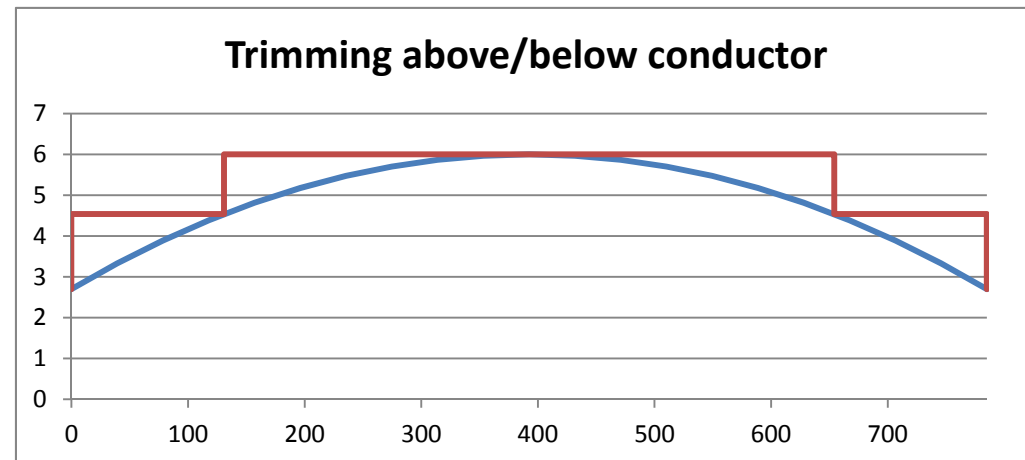
Span length 785m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 22m
 Blowout at mid span 37m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7435

PL410973 --- PL410963

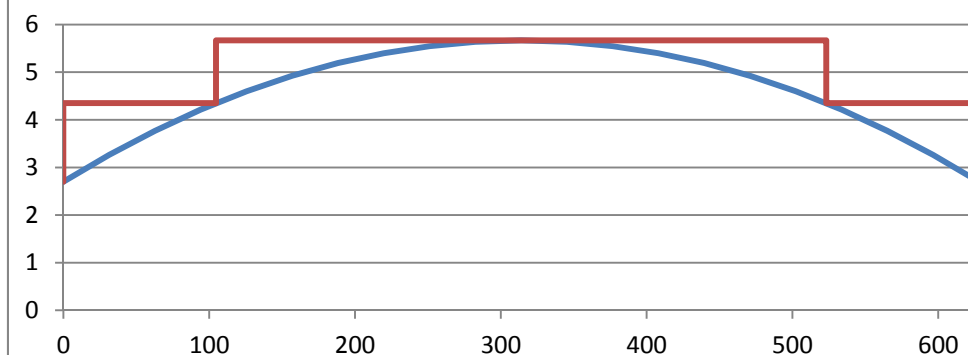
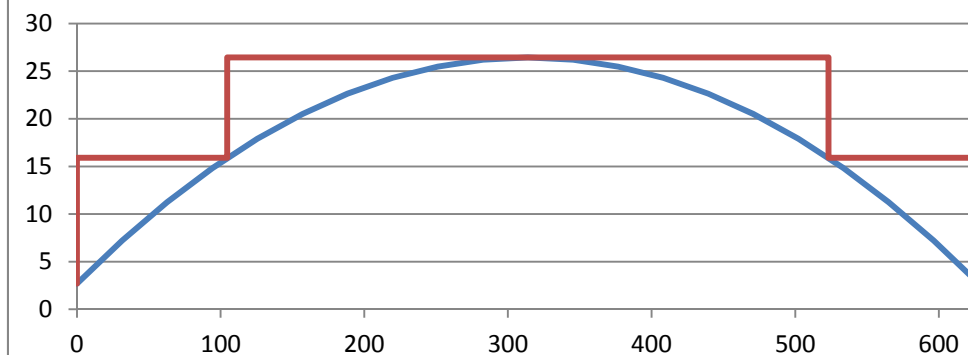
Span length 627.842m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16m
 Blowout at mid span 26.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7442

PL410888 --- PL410923

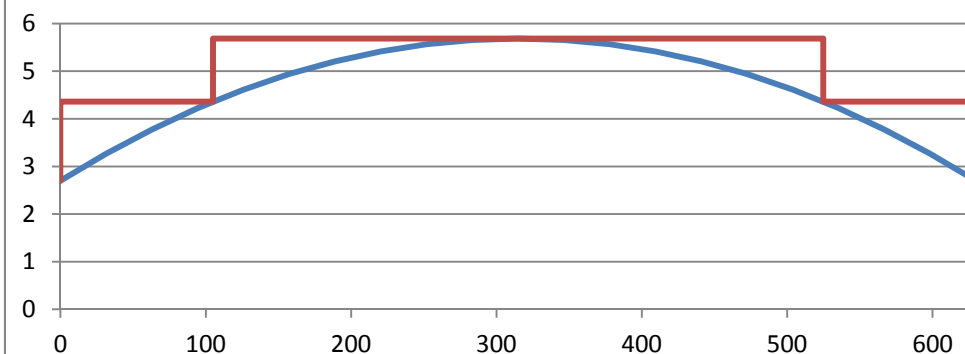
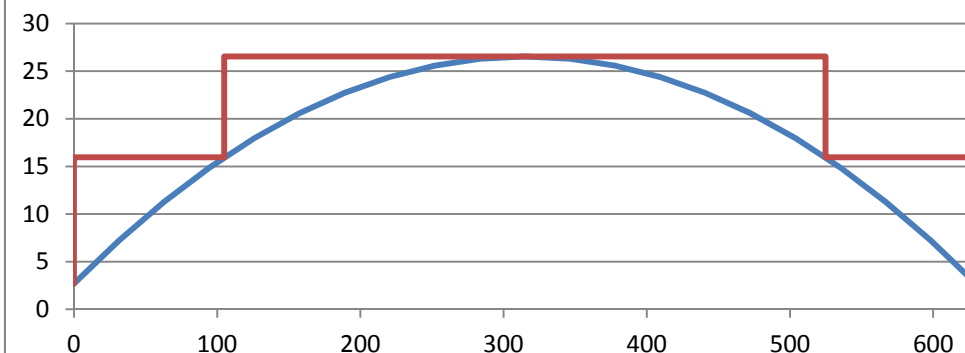
Span length 629.8m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7442

PL410895 --- PL410939

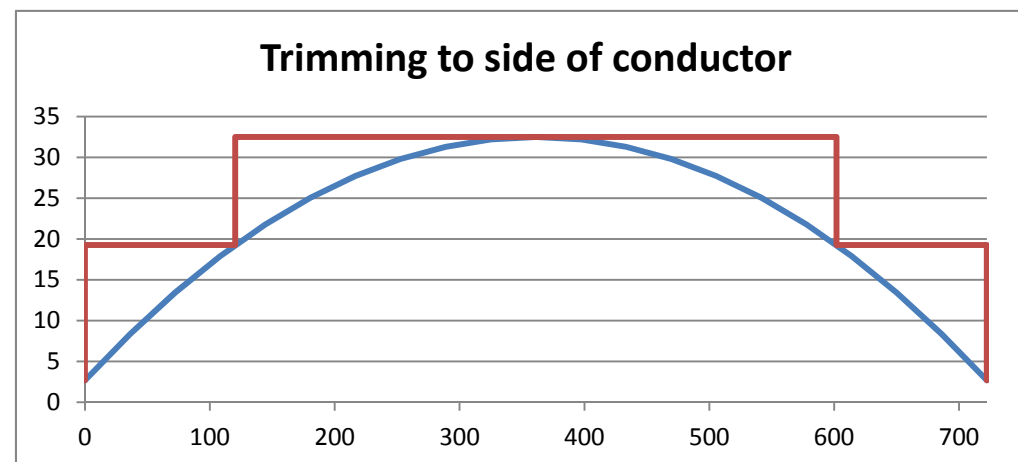
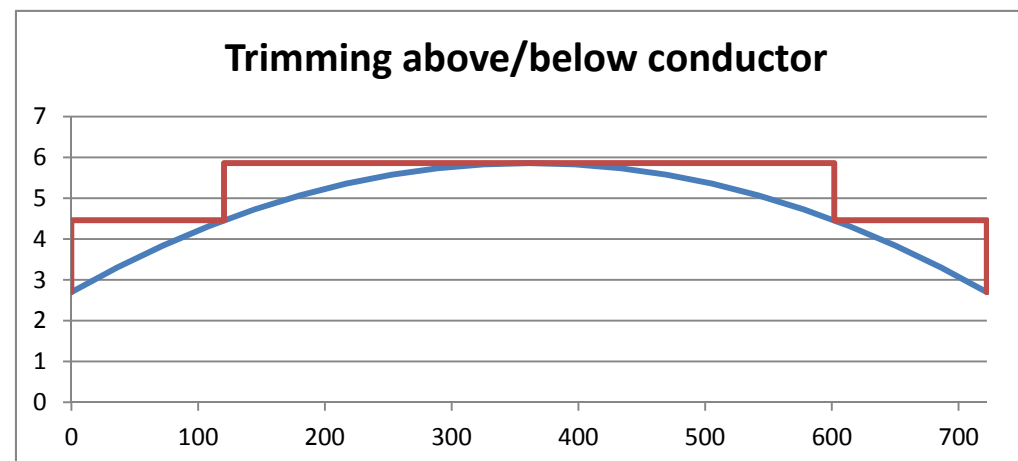
Span length 722.3m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 19.5m
 Blowout at mid span 32.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U7442

PL748875 --- PL824978

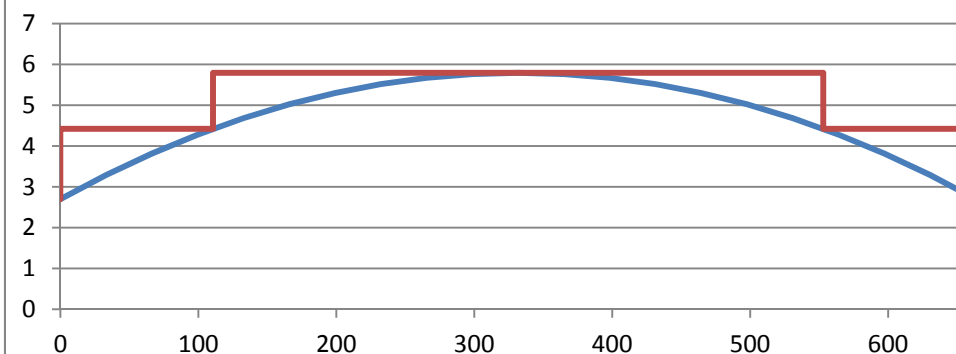
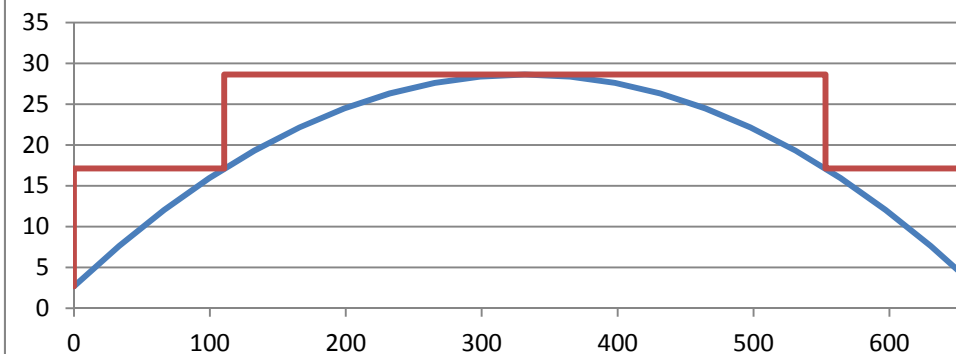
Span length 663.6m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 17.5m
 Blowout at mid span 29m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U82009

PL211950 --- PL211951

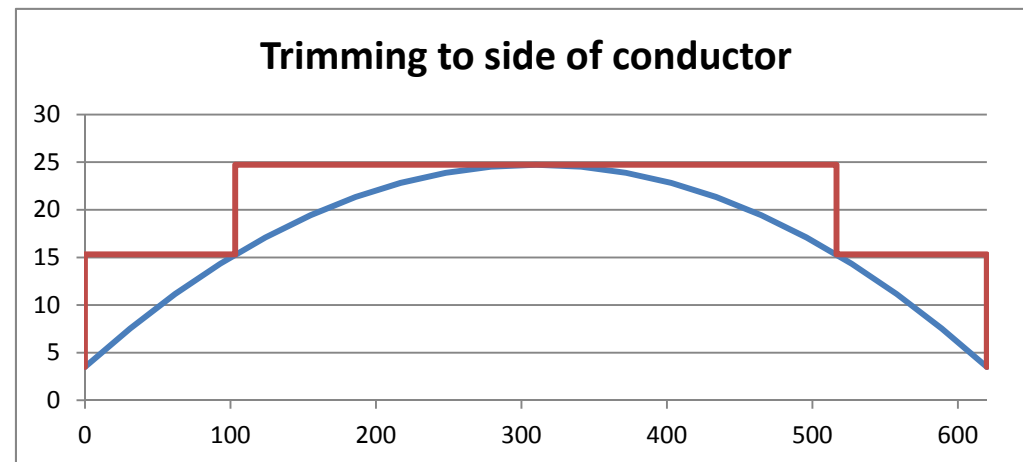
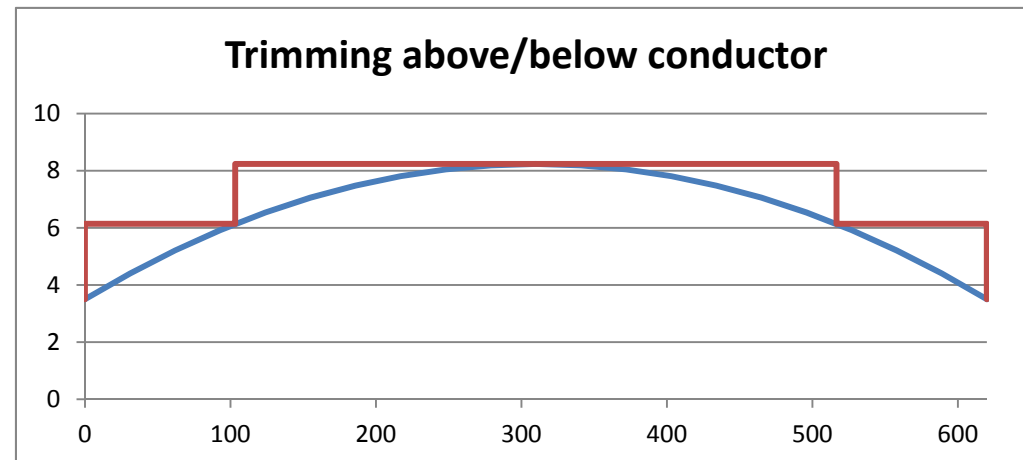
Span length 619.9m
 Voltage 132kV
 Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 15.5m
 Blowout at mid span 25m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U82452

PL620790 --- PL620792

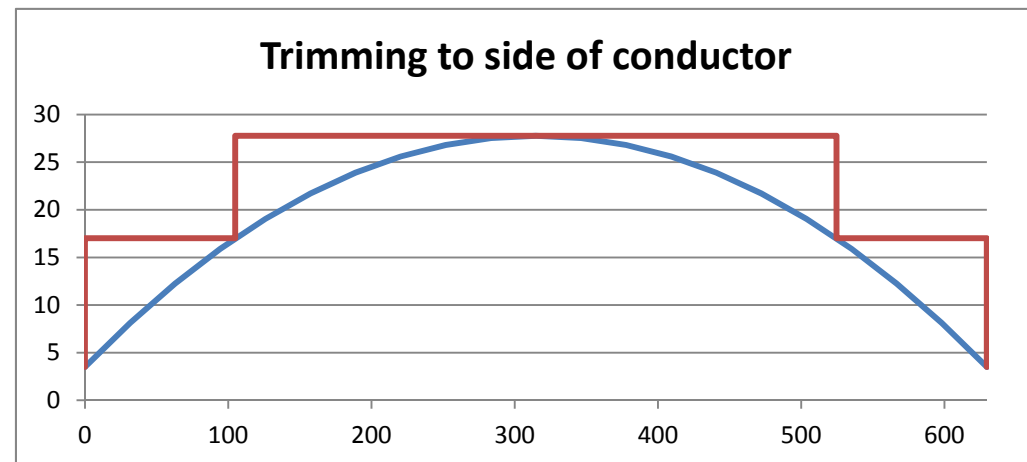
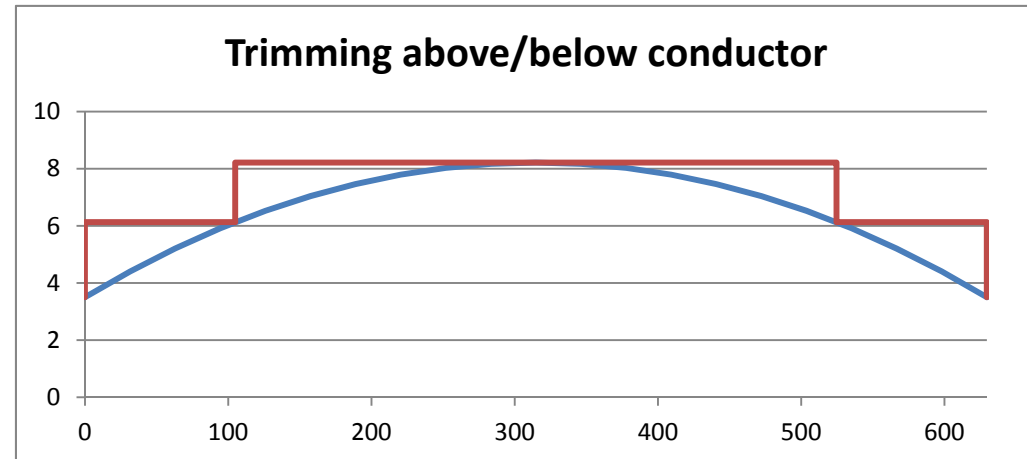
Span length 629.6m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17m
Blowout at mid span 28m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U8335

PL461018 --- PL799954

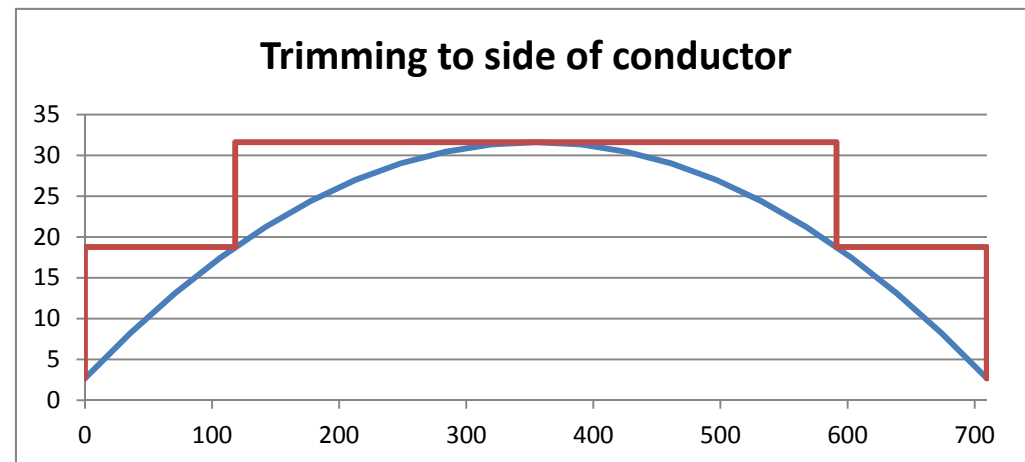
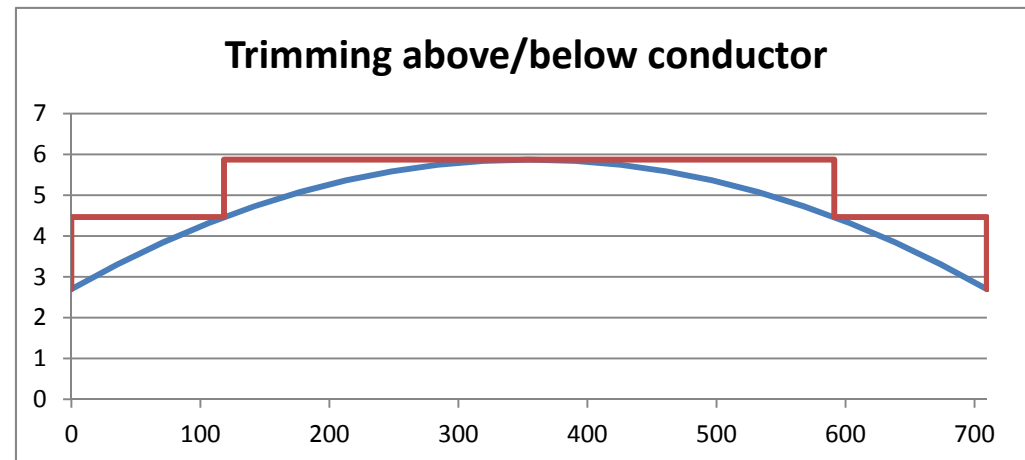
Span length 709.6m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 19m
 Blowout at mid span 32m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U8335

PL461024 --- PL461029

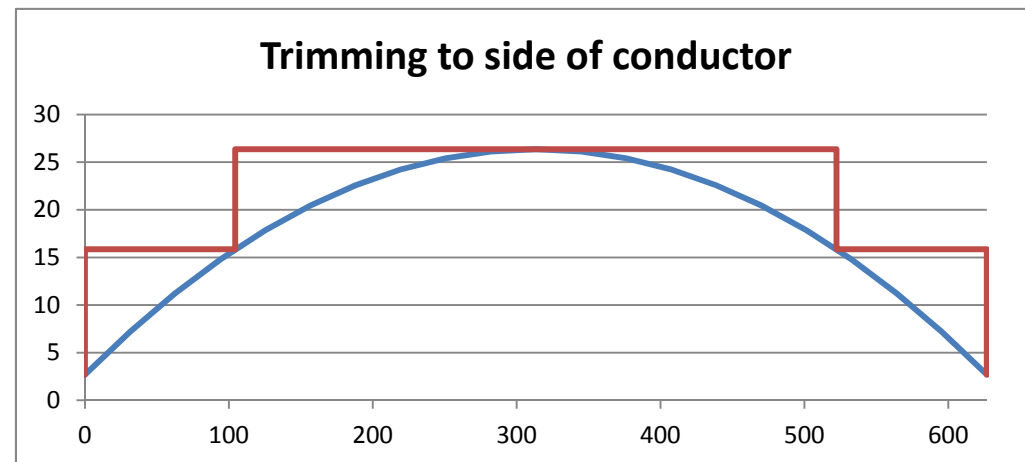
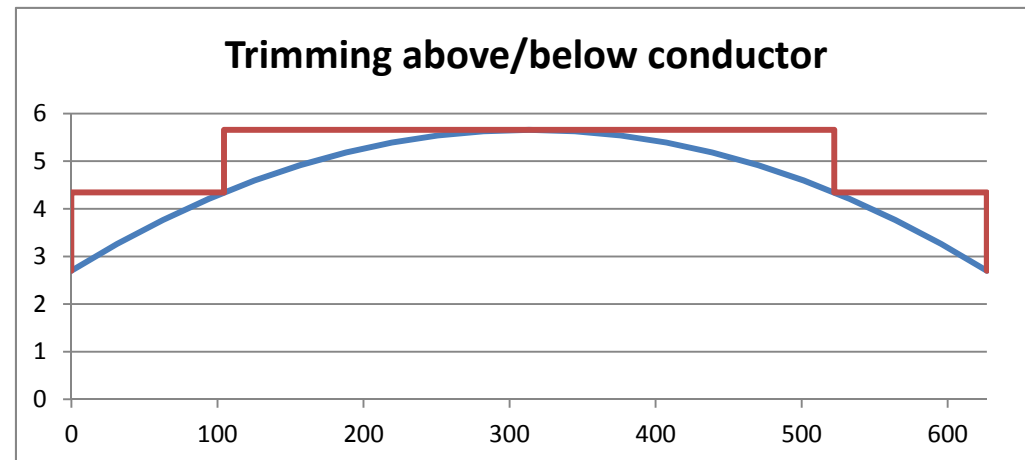
Span length 626.8m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16m
 Blowout at mid span 26.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U8342

PL461046 --- PL461084

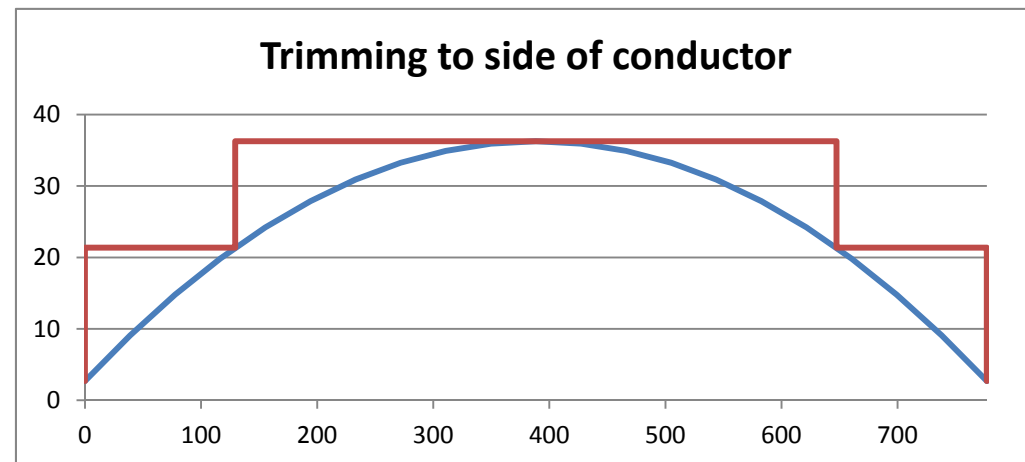
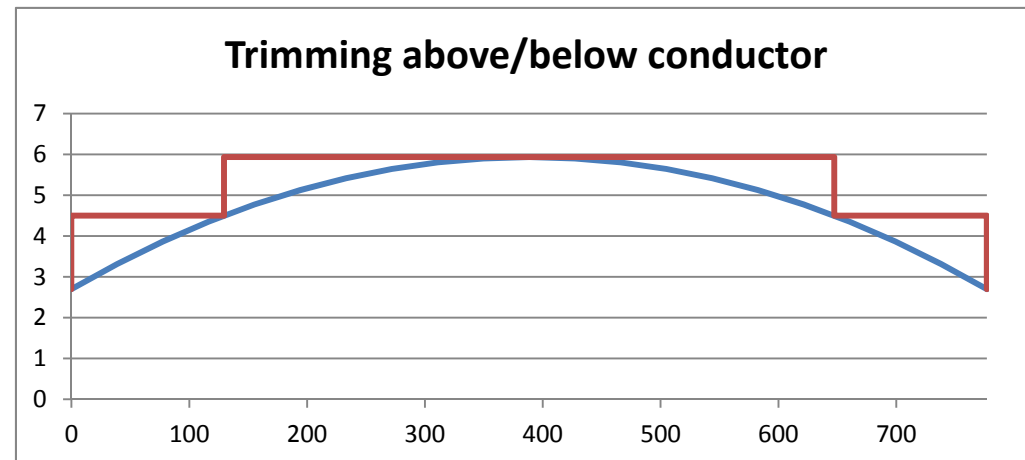
Span length 776.9m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 21.5m
 Blowout at mid span 36.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U8342

PL461037 --- PL461054

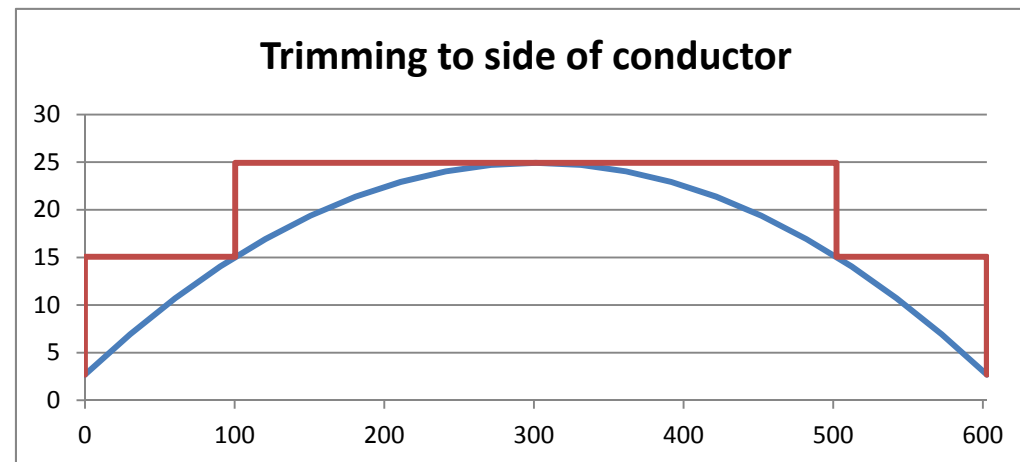
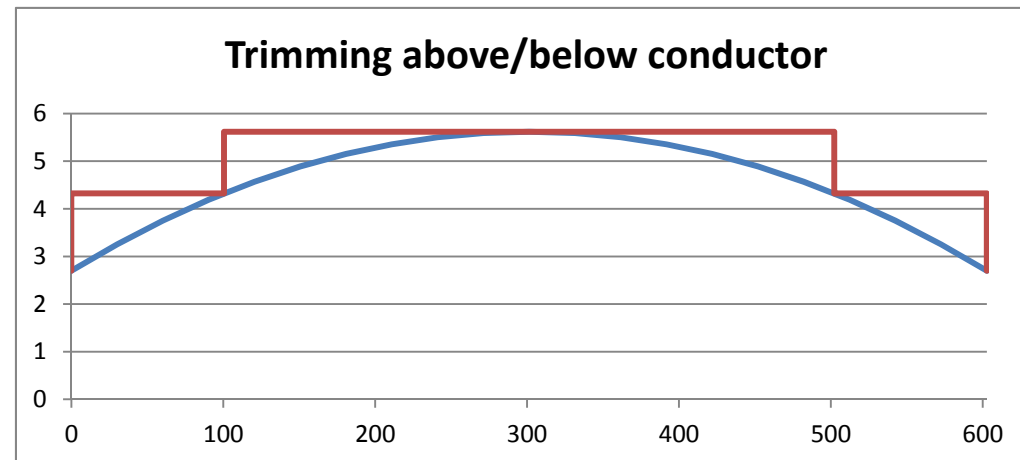
Span length 602.7m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 15.5m
 Blowout at mid span 25m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U8342

PL749134 --- PL883363

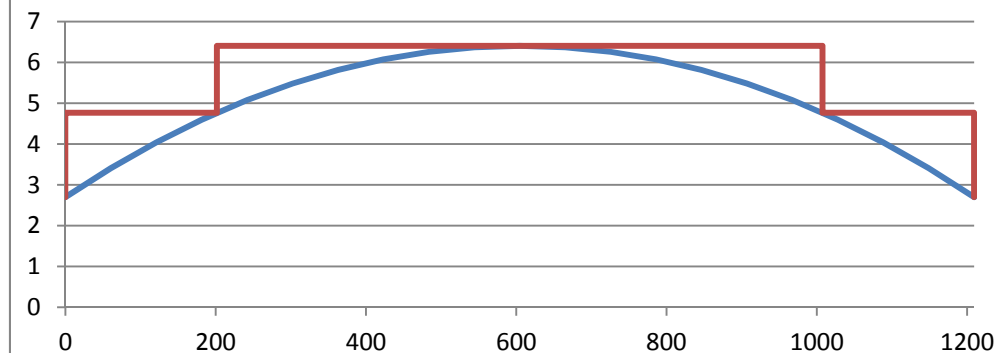
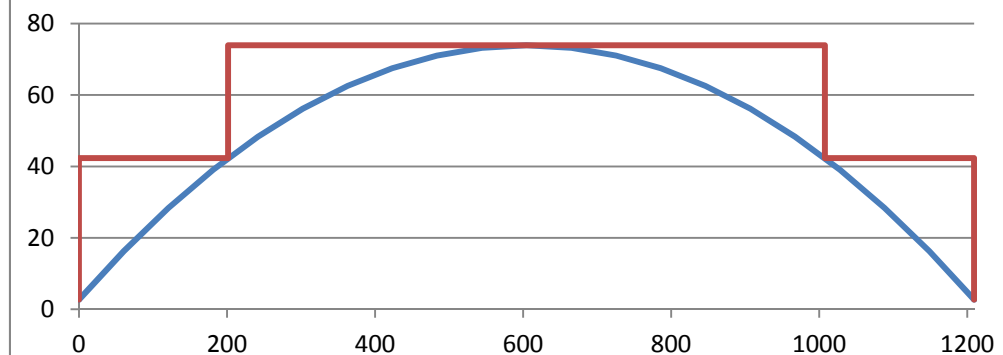
Span length 1209.3m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6.5m
 Blowout at 1/6 span 42.5m
 Blowout at mid span 74m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91072

PL212009 --- PL212010

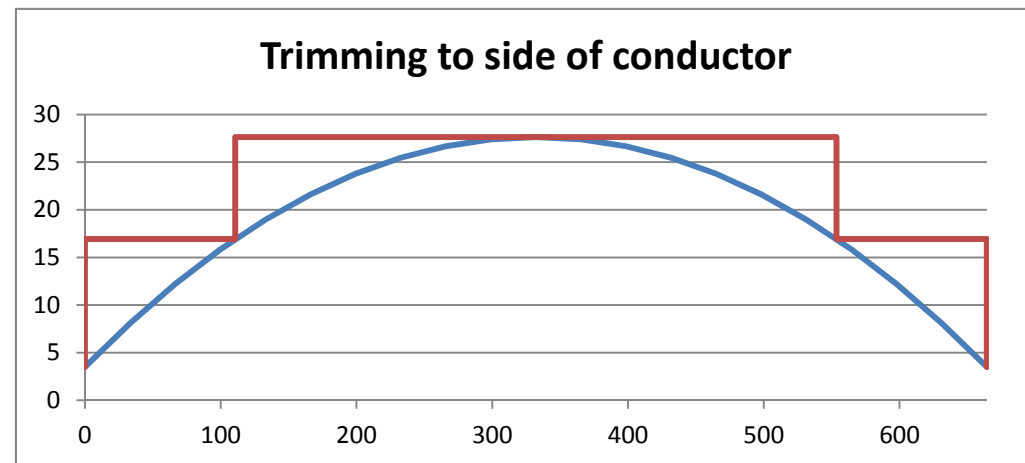
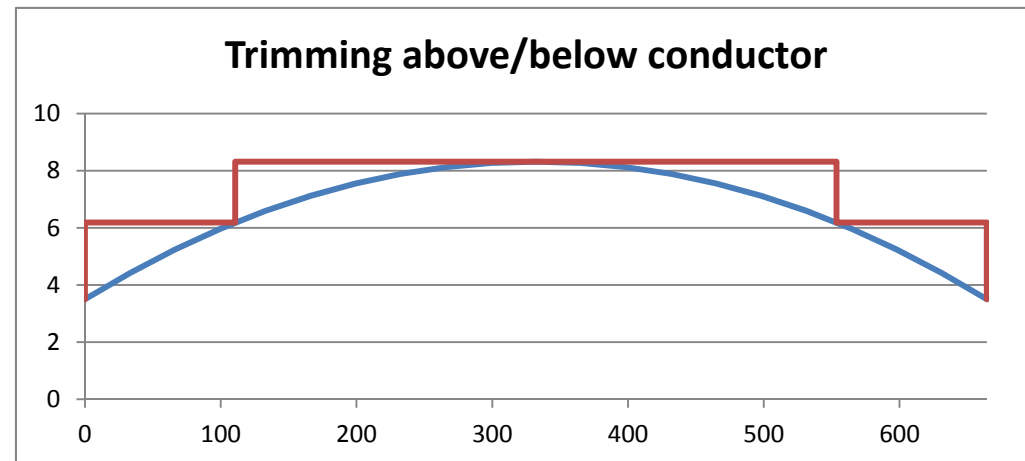
Span length 664.3m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17m
Blowout at mid span 28m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91075

PL211998 --- PL211999

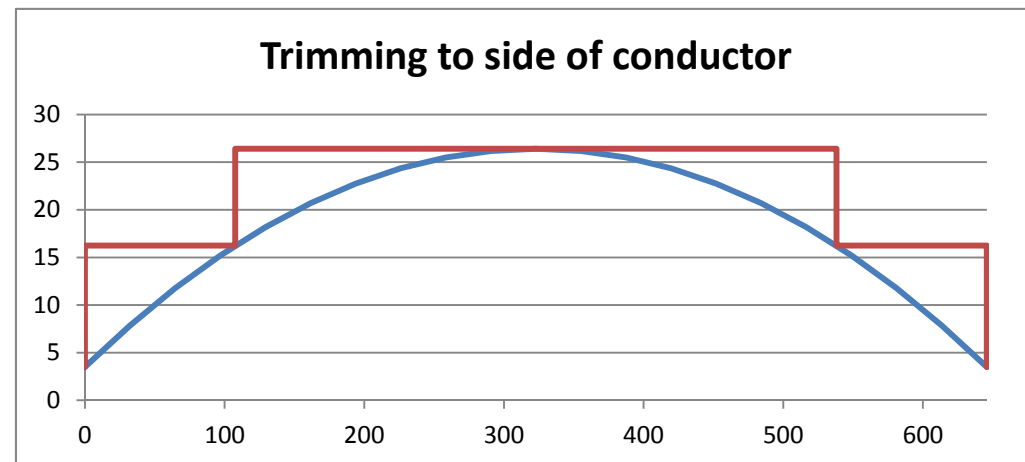
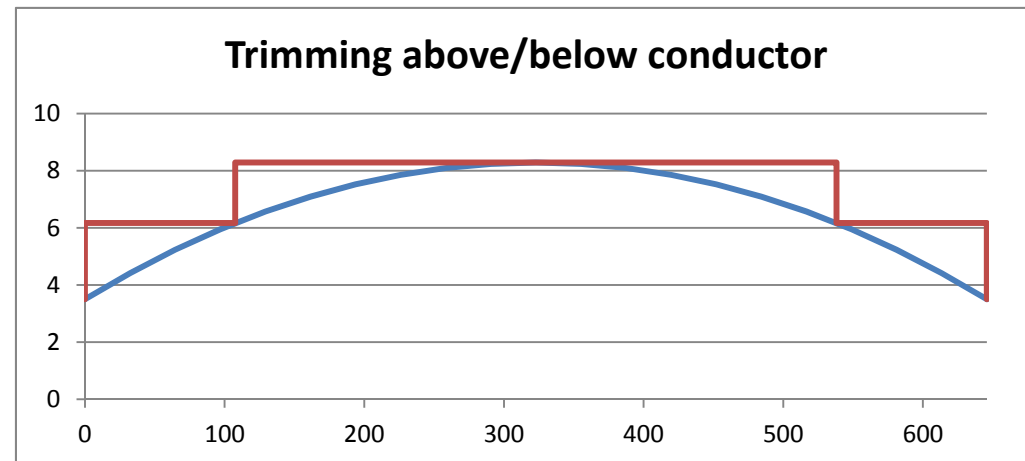
Span length 645.8m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16.5m
Blowout at mid span 26.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91156

PL212019 --- PL212020

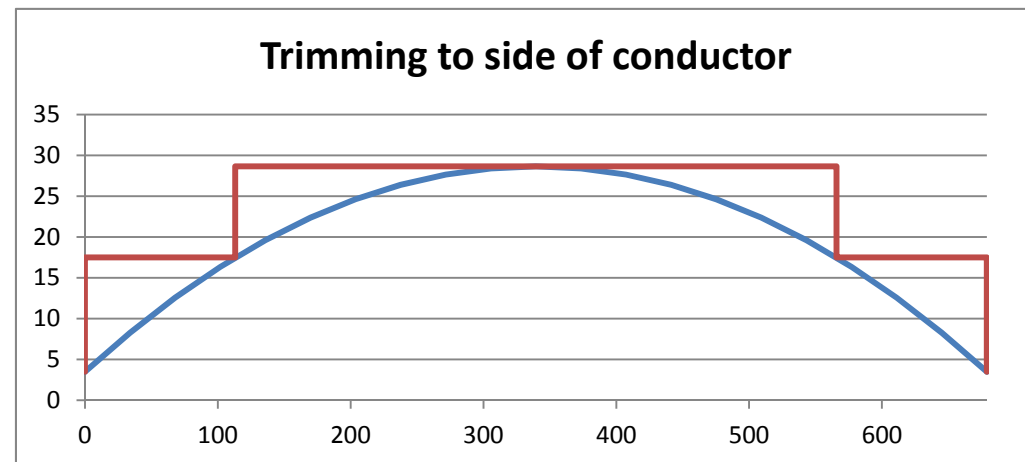
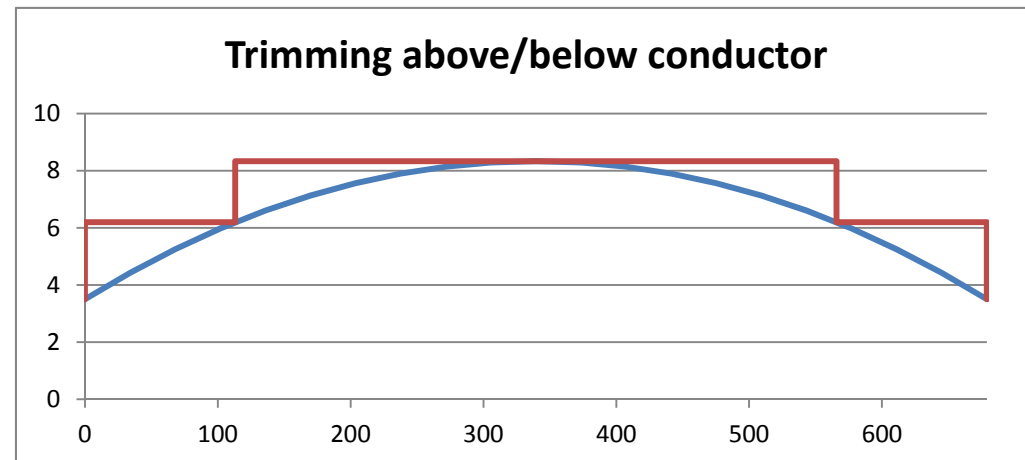
Span length 679m
Voltage 132kV
Conductor Lime

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17.5m
Blowout at mid span 29m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91673

PL752557 --- PL553095

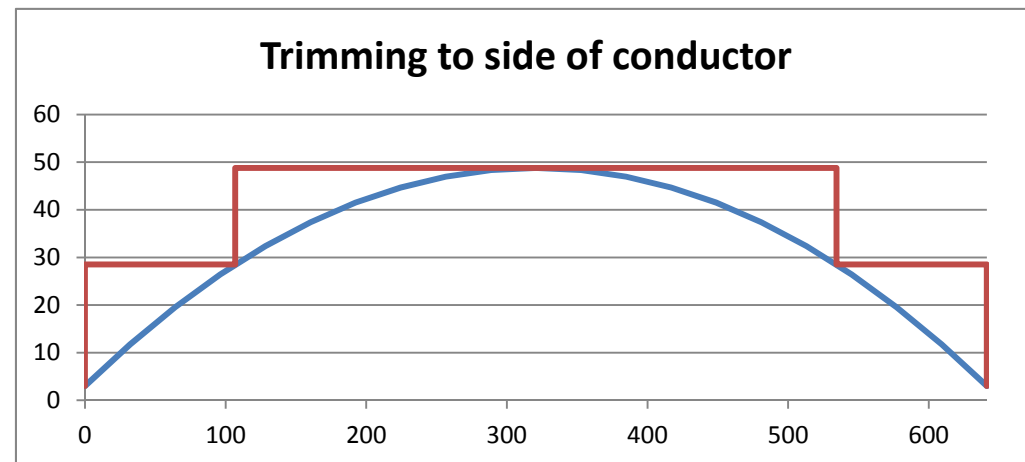
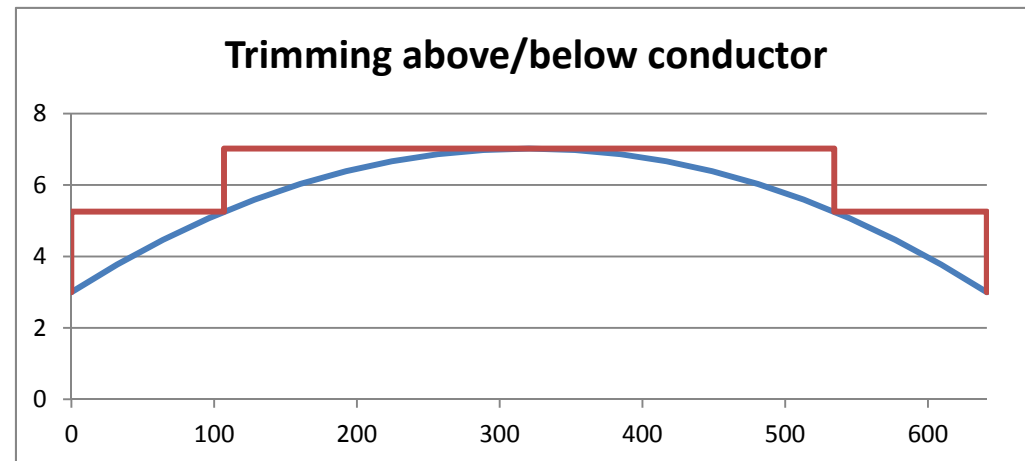
Span length 641.29m
Voltage 33kV
Conductor Neptune

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5.5m
Above/below at mid span 7m
Blowout at 1/6 span 28.5m
Blowout at mid span 49m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91673

PL553095 --- PL752557

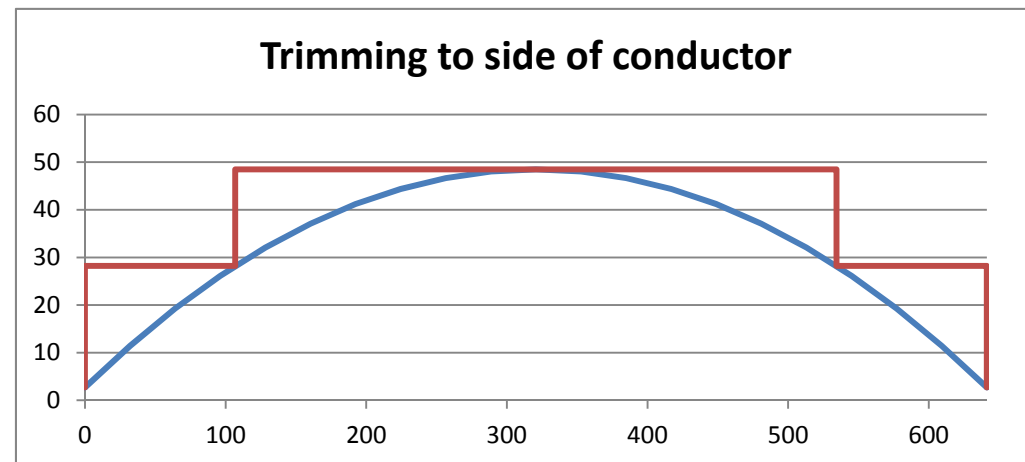
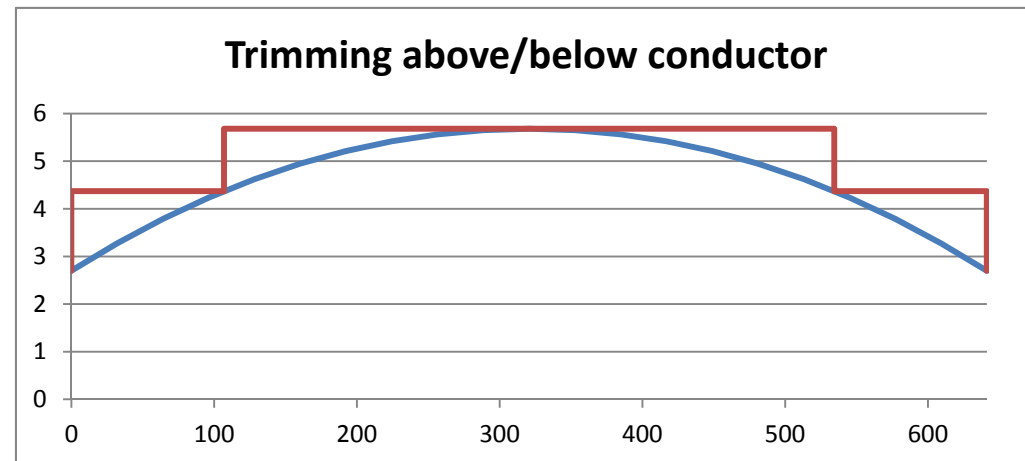
Span length 641.29m
Voltage 11kV
Conductor Neptune

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 4.5m
Above/below at mid span 6m
Blowout at 1/6 span 28.5m
Blowout at mid span 48.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91974

PL415184 --- PL774387

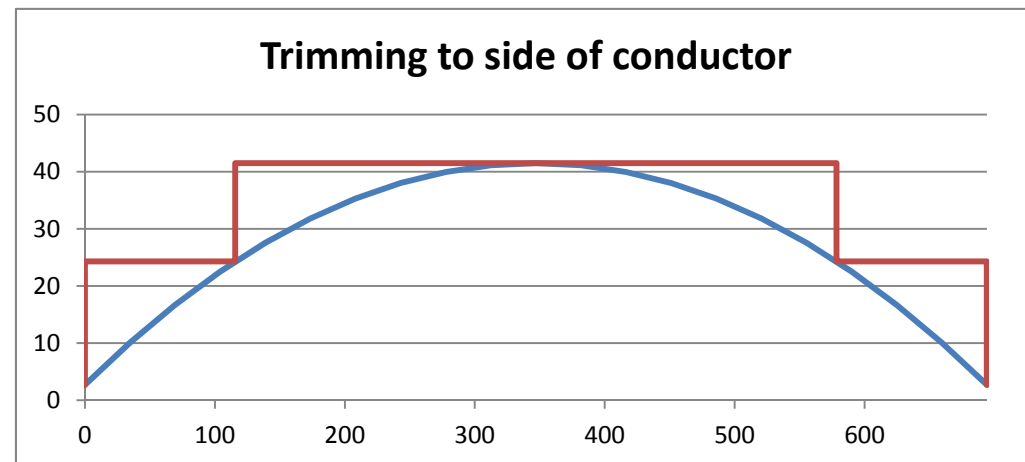
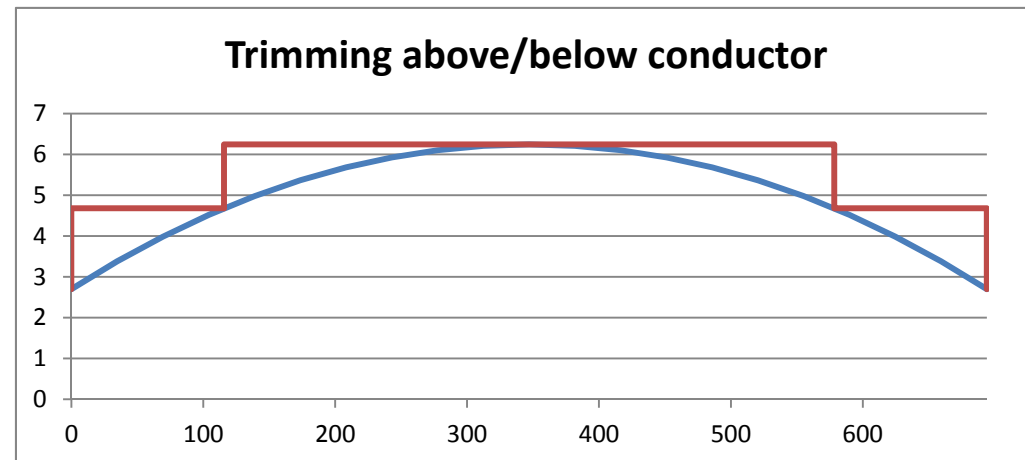
Span length 694.1m
Voltage 22kV
Conductor Banana

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 24.5m
Blowout at mid span 41.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U91976

PL415582 --- PL783443

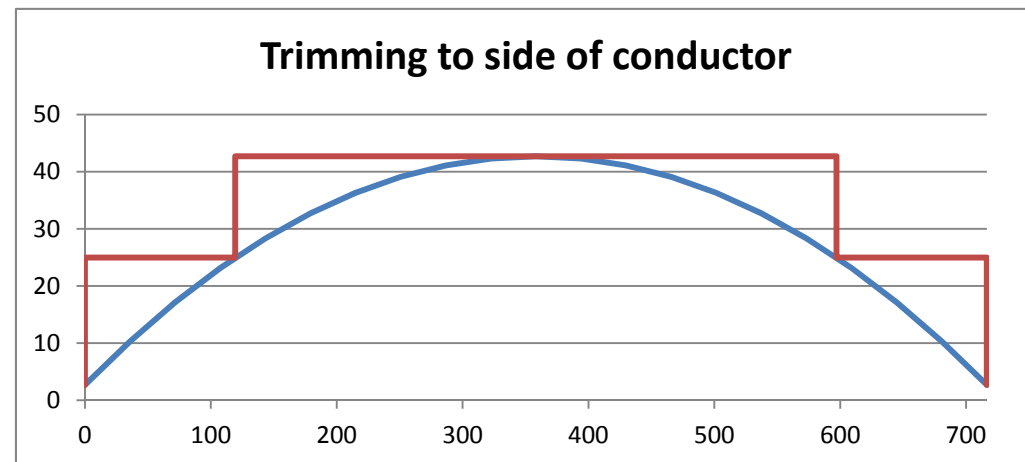
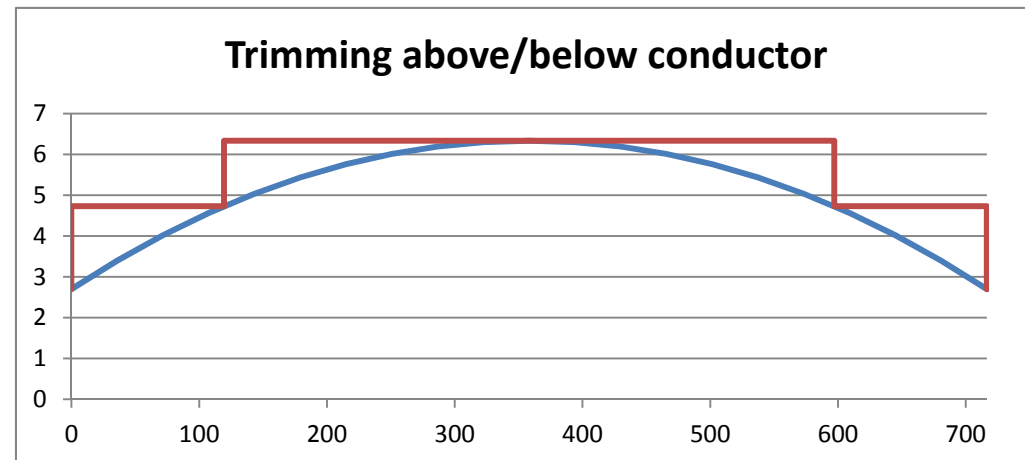
Span length 716.5m
Voltage 22kV
Conductor Cherry

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 25m
Blowout at mid span 43m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U92505

PL460349 --- PL460383

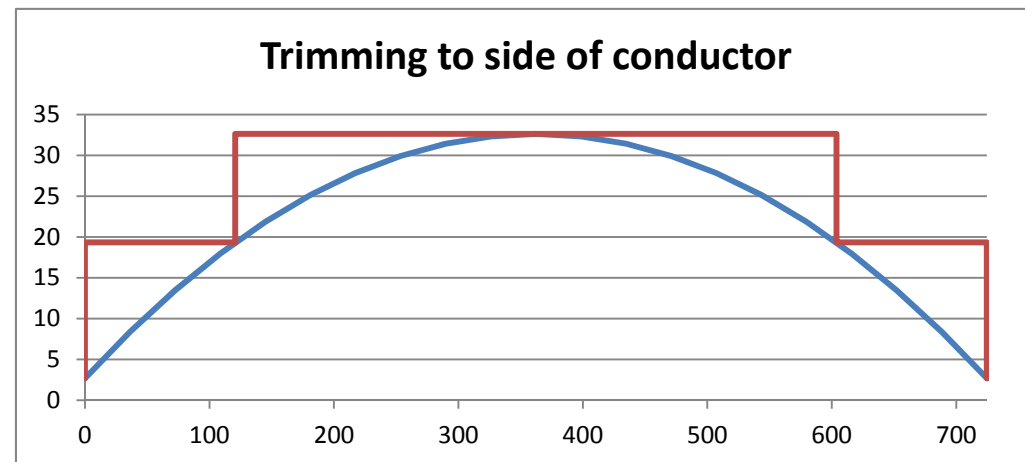
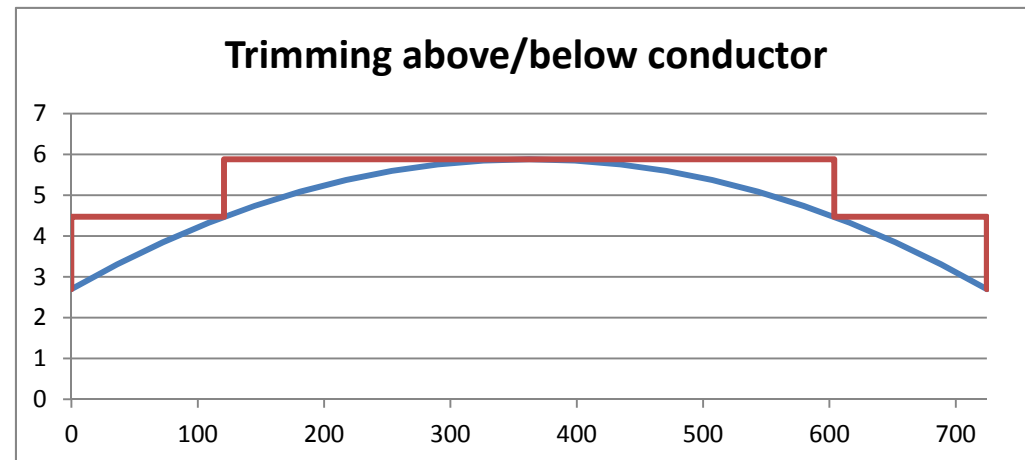
Span length 724.6m
Voltage 22kV
Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 4.5m
Above/below at mid span 6m
Blowout at 1/6 span 19.5m
Blowout at mid span 33m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U9265

PL460688 --- PL460690

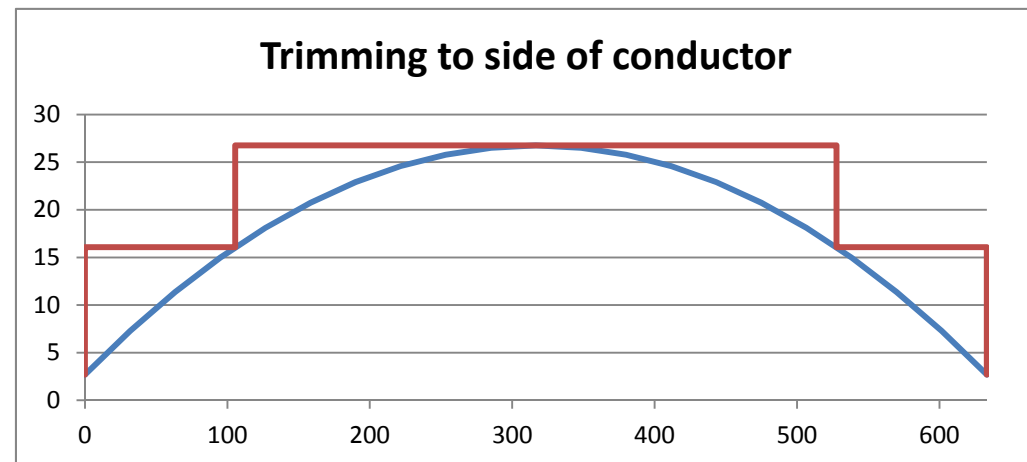
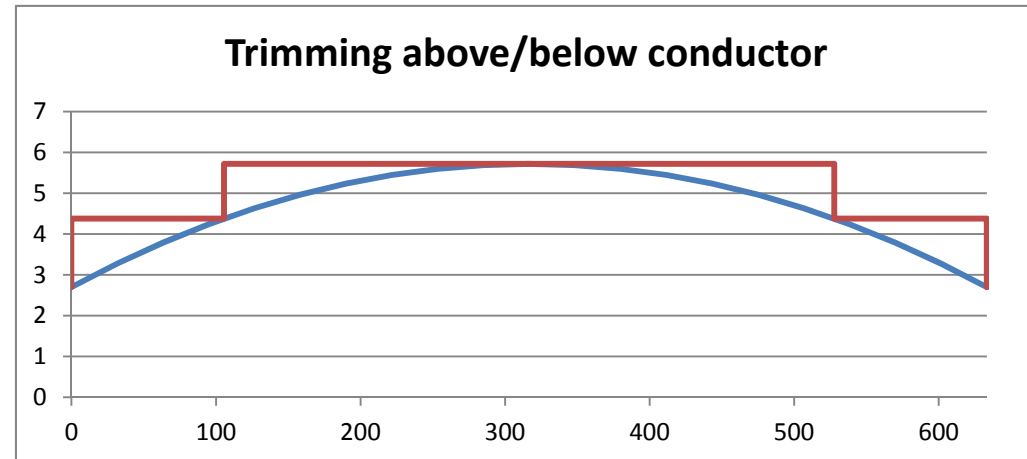
Span length 633.3m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map U9265

PL460691 --- PL460692

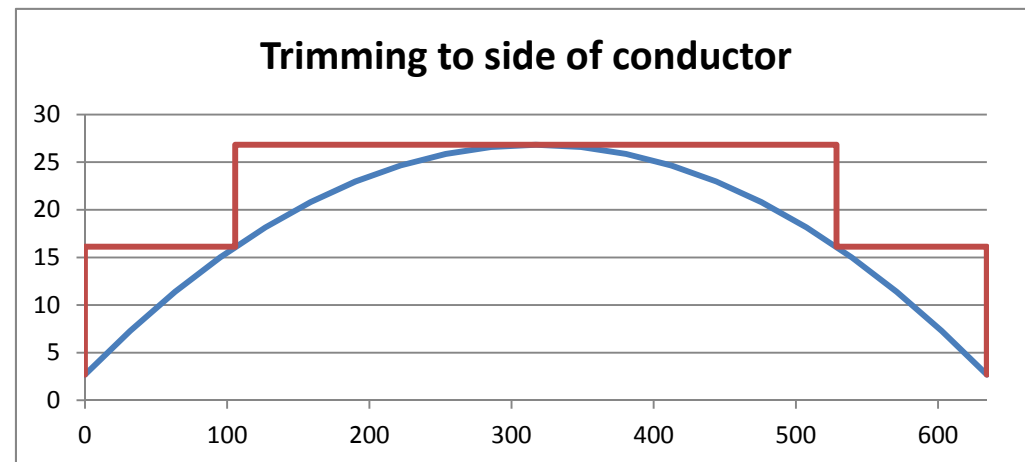
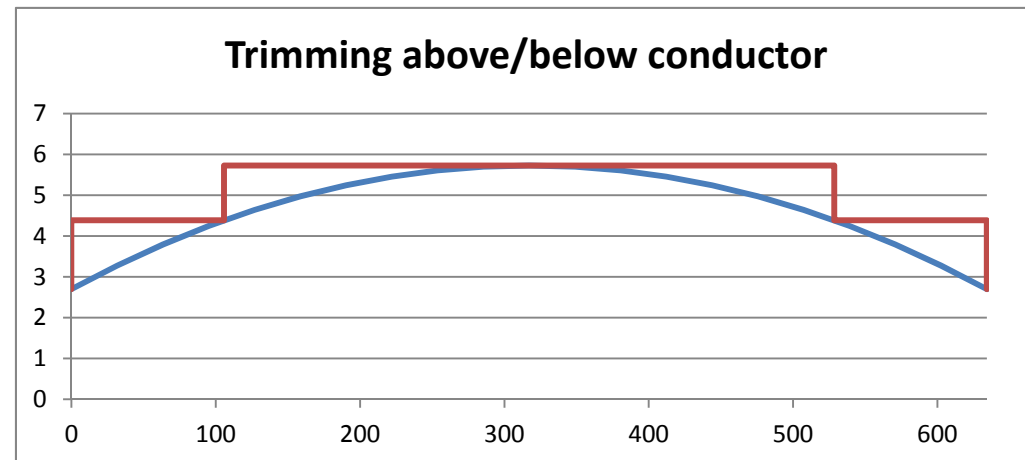
Span length 634.3m
 Voltage 22kV
 Conductor 3/2.00SCGZ

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W10628

PL3VC179 --- PL882850

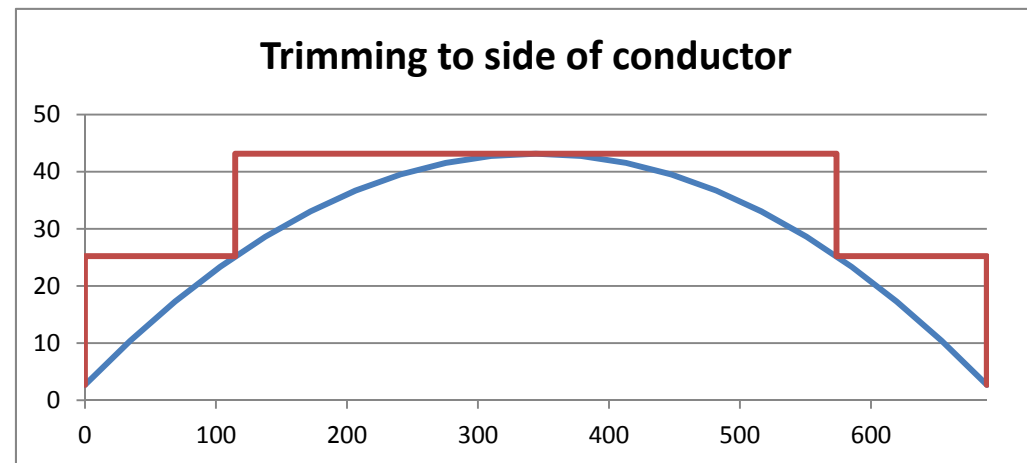
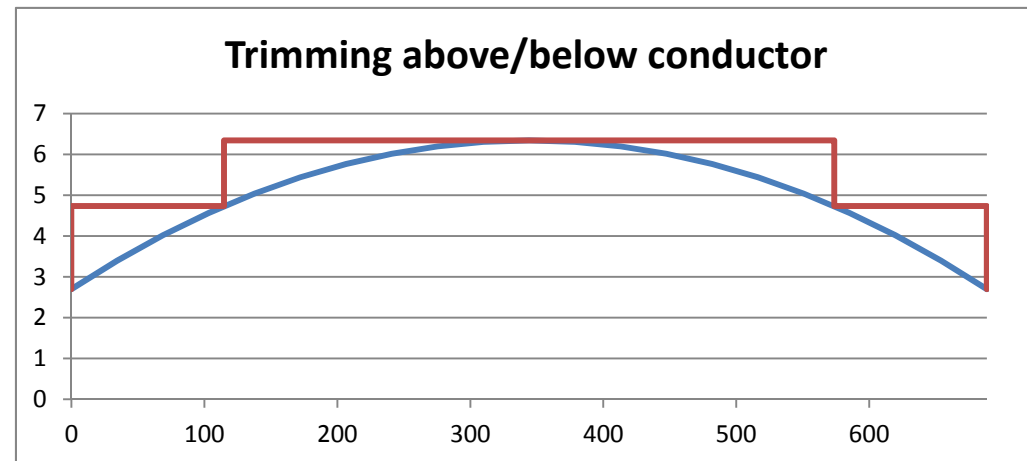
Span length 688.5m
Voltage 22kV
Conductor Almond

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 25.5m
Blowout at mid span 43.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W1077

PL3VG040 --- PL3VG038

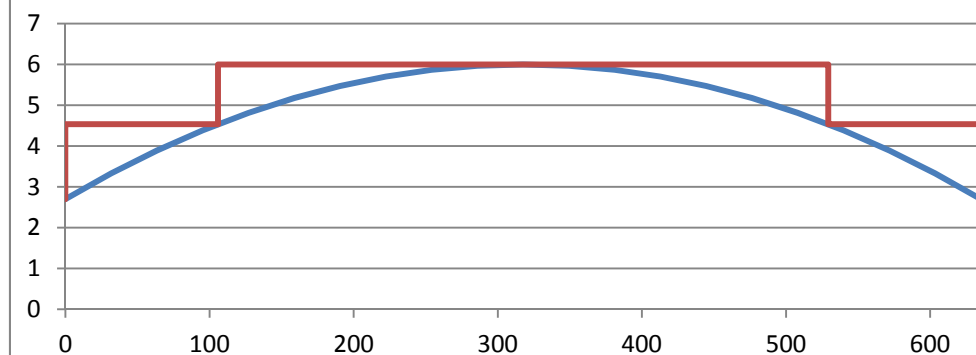
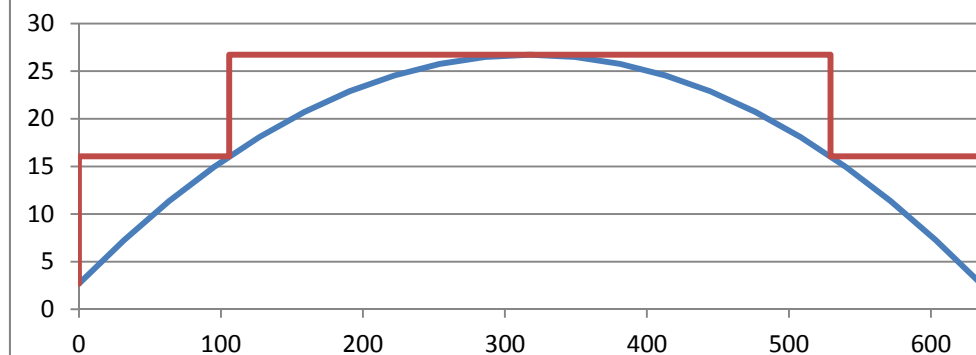
Span length 635.201m
 Voltage 11kV
 Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 27m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.

Trimming above/below conductor**Trimming to side of conductor**

Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W1092

PL3VH001 --- PL878148

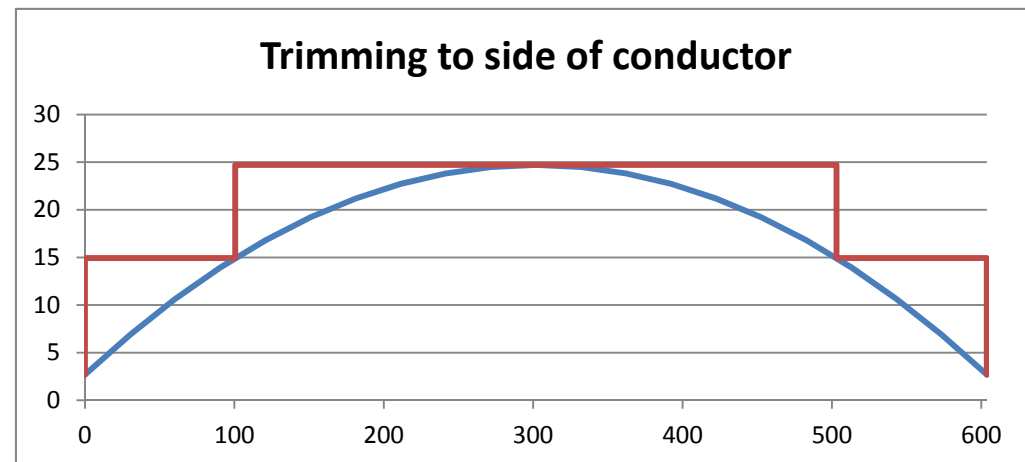
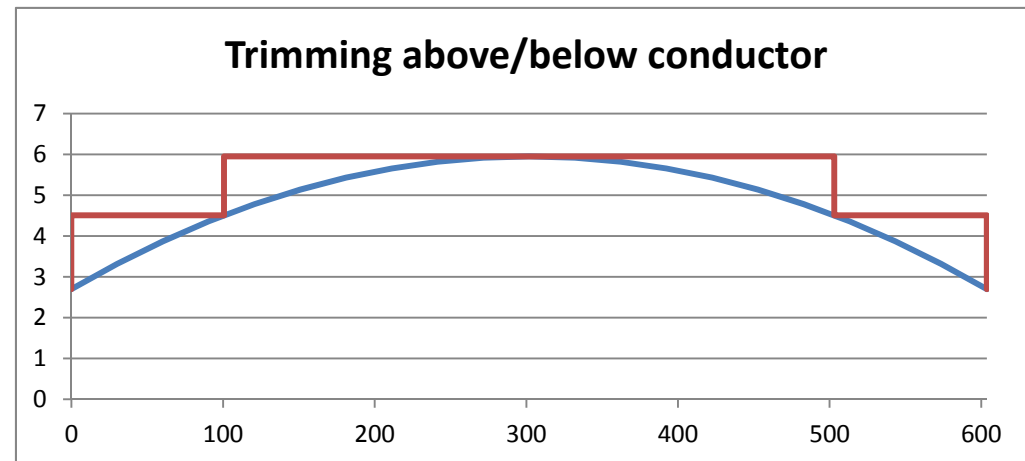
Span length 603.7m
 Voltage 22kV
 Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4.5m
 Above/below at mid span 6m
 Blowout at 1/6 span 15m
 Blowout at mid span 25m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W1092

PL3VH009 --- PL878148

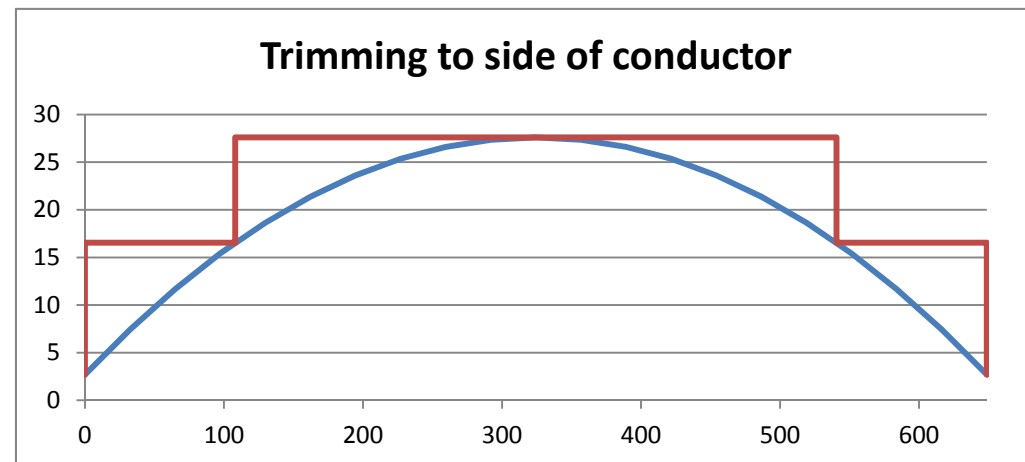
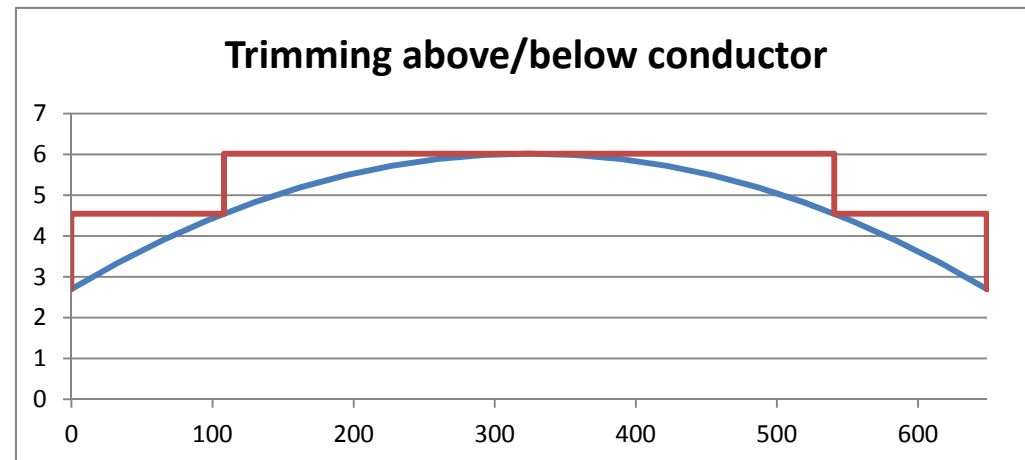
Span length 648.8m
 Voltage 22kV
 Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 17m
 Blowout at mid span 28m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W1962

PL207442 --- PL207444

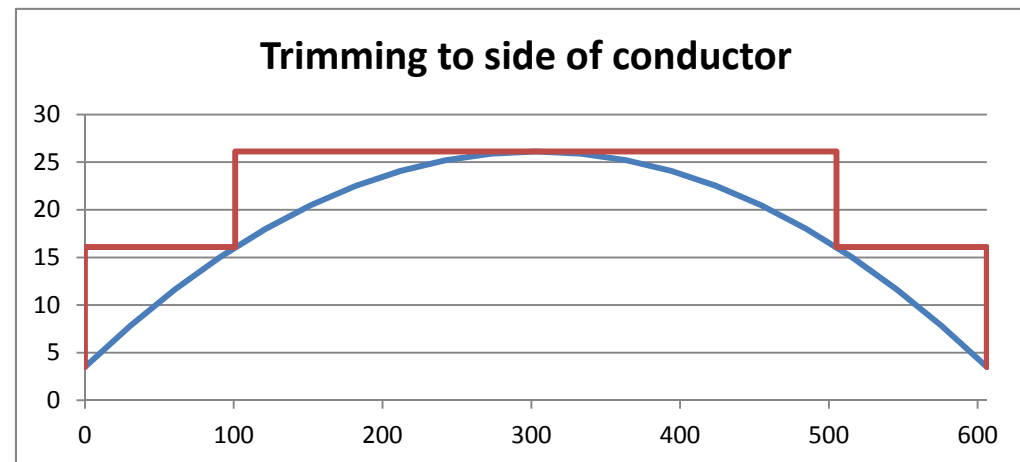
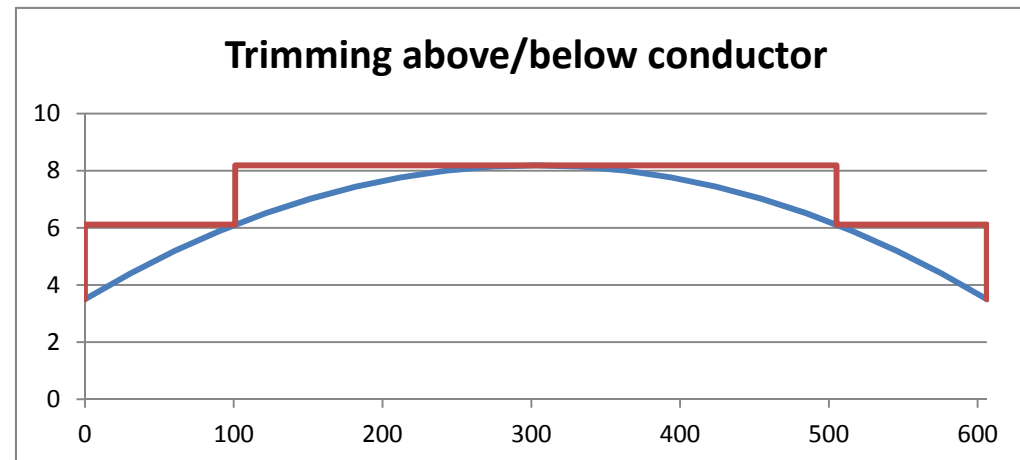
Span length 606.2m
 Voltage 132kV
 Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 16.5m
 Blowout at mid span 26.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37652

GDI_182961 --- PL205989

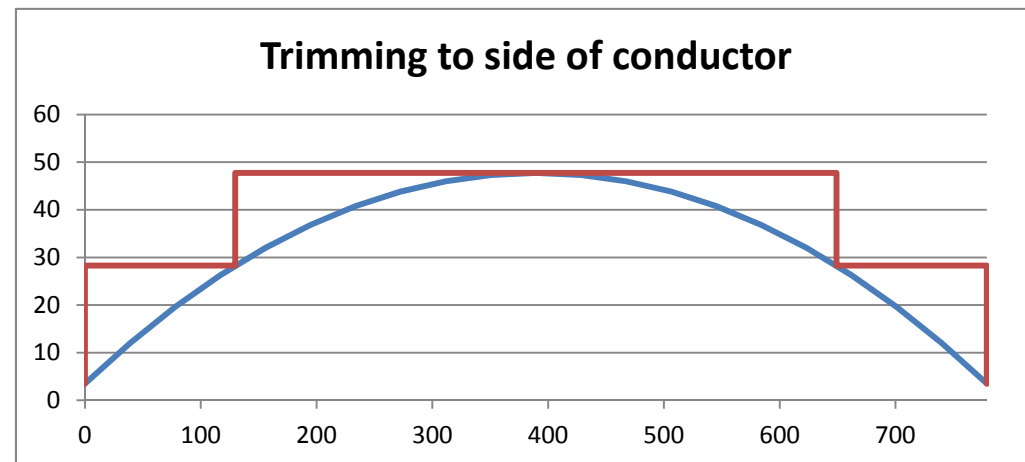
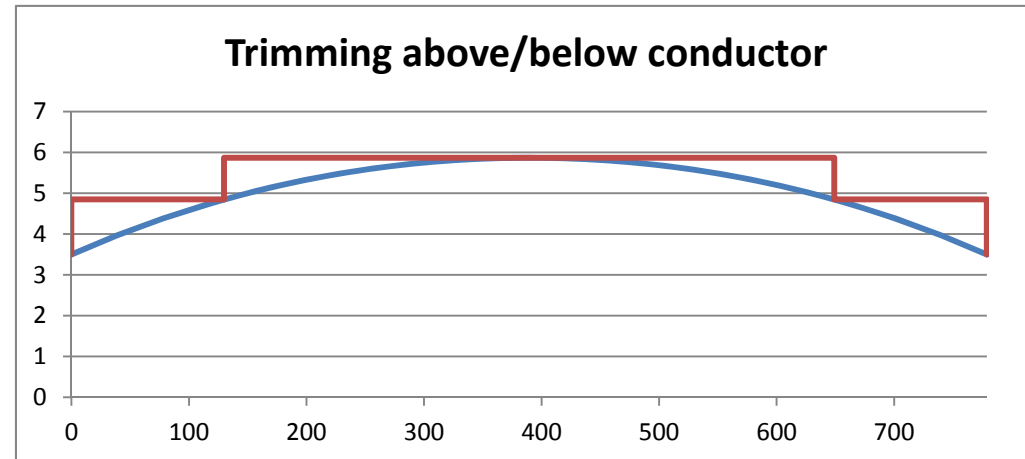
Span length 778.9m
 Voltage 132kV
 Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 28.5m
 Blowout at mid span 48m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37657

PL207030 --- PL207032

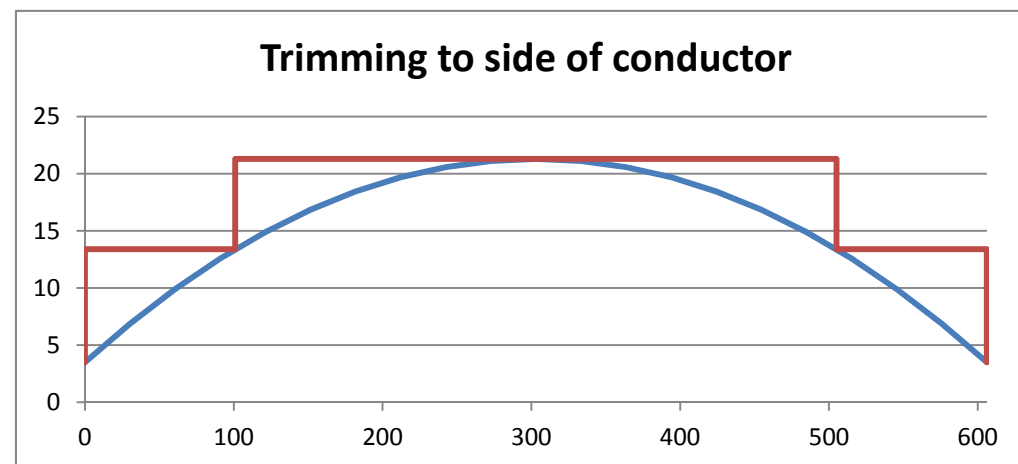
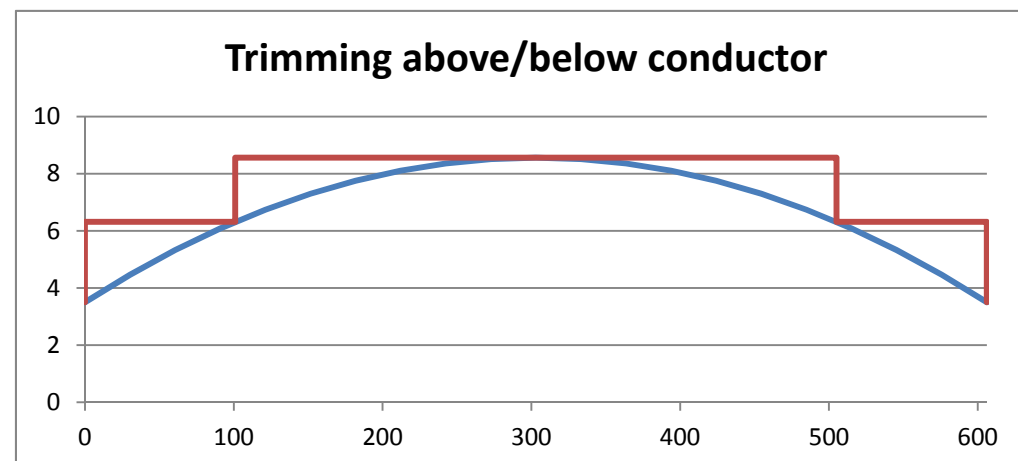
Span length 606.1m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 13.5m
Blowout at mid span 21.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37722

PL205714 --- PL205717

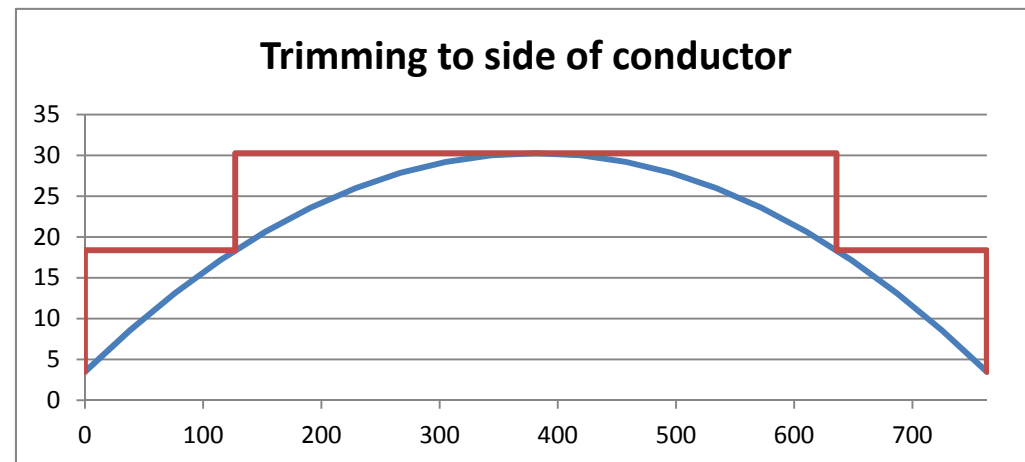
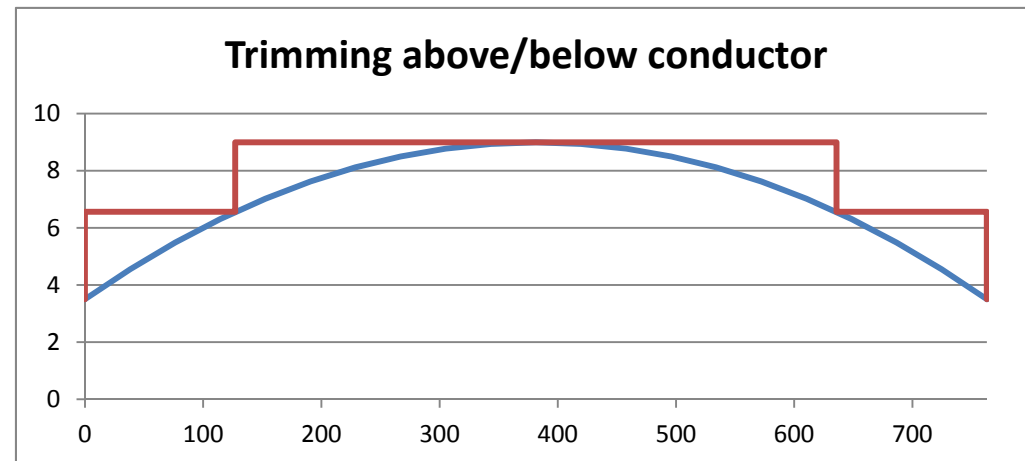
Span length 763m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9m
Blowout at 1/6 span 18.5m
Blowout at mid span 30.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37724

PL205916 --- PL205920

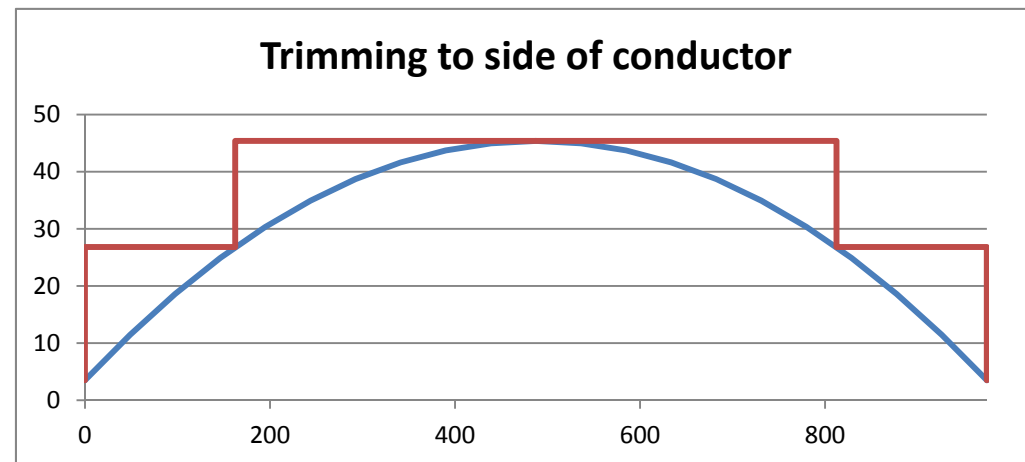
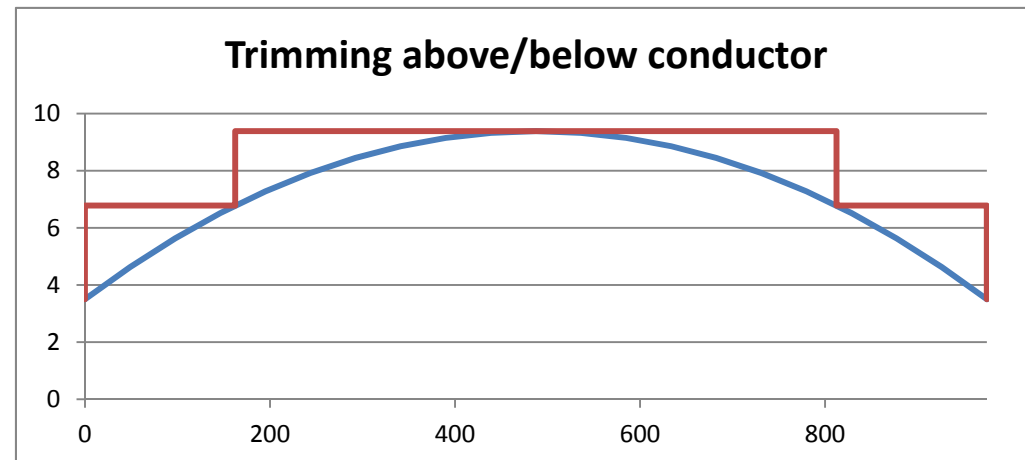
Span length 974.8m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 27m
Blowout at mid span 45.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37724

PL205911 --- PL809726

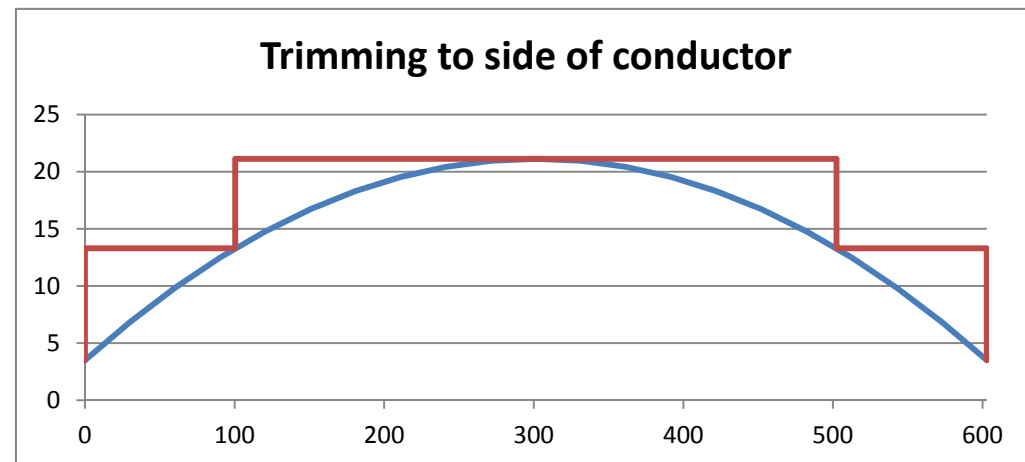
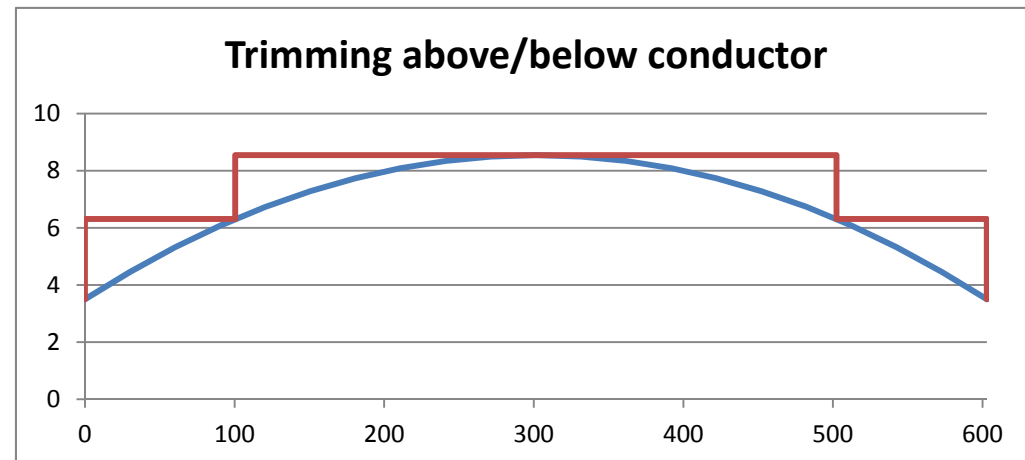
Span length 602.9m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 13.5m
Blowout at mid span 21.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37727

PL205920 --- PL761529

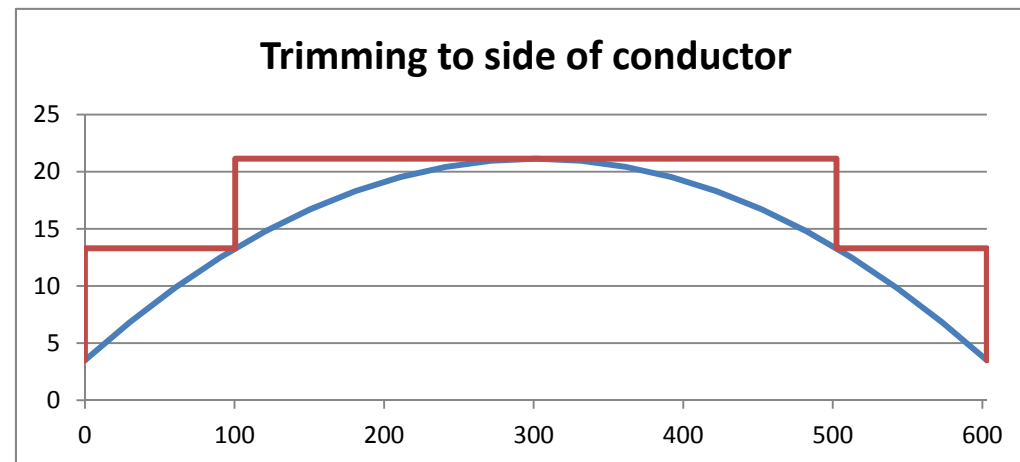
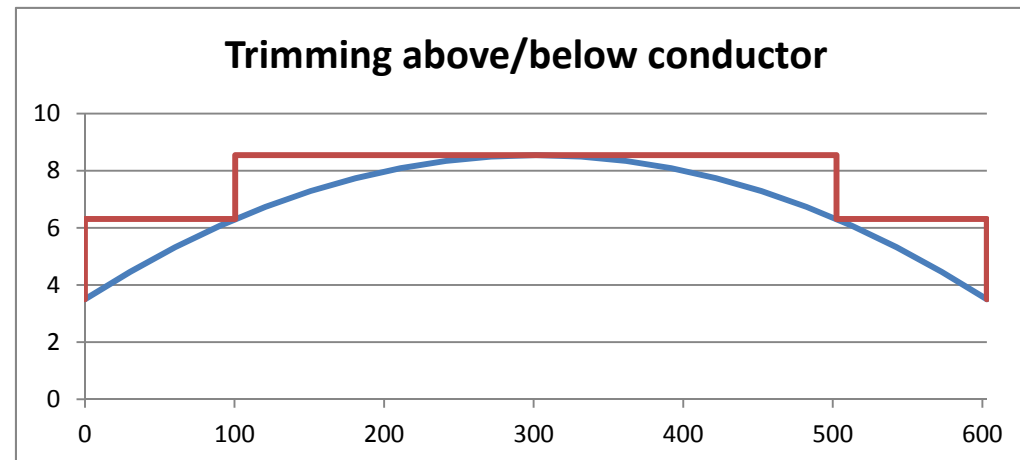
Span length 603m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 13.5m
Blowout at mid span 21.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37727

PL205925 --- PL205927

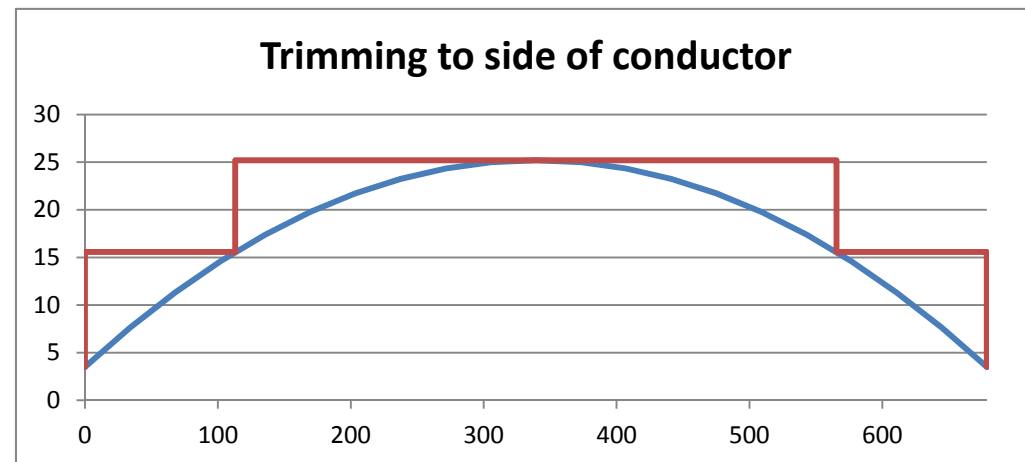
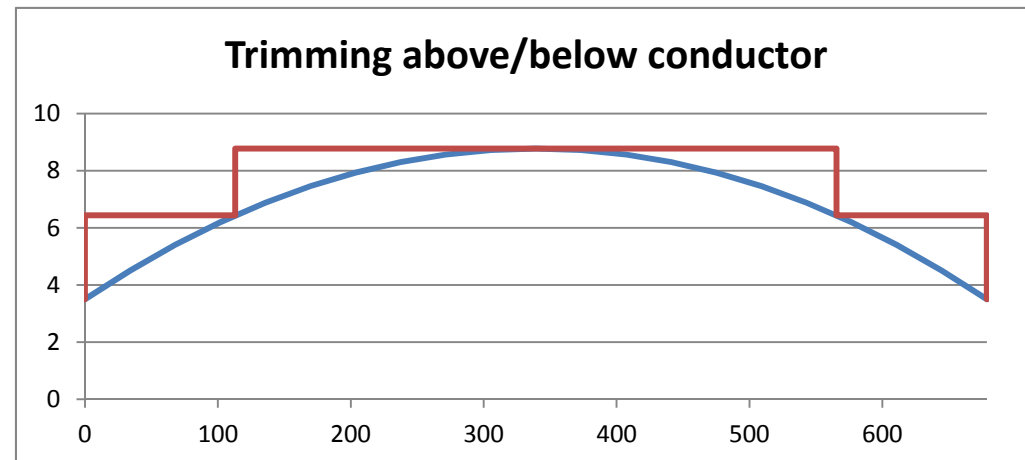
Span length 678.6m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 16m
Blowout at mid span 25.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37728

PL205931 --- PL205933

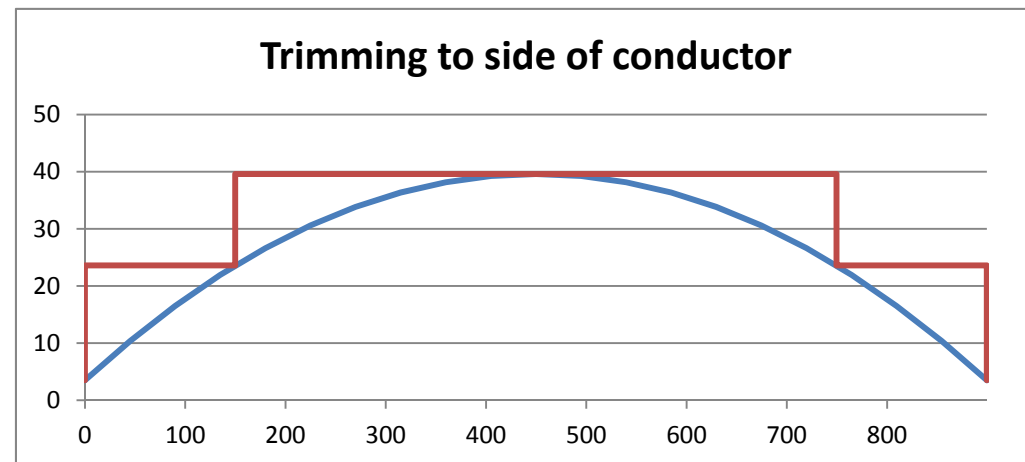
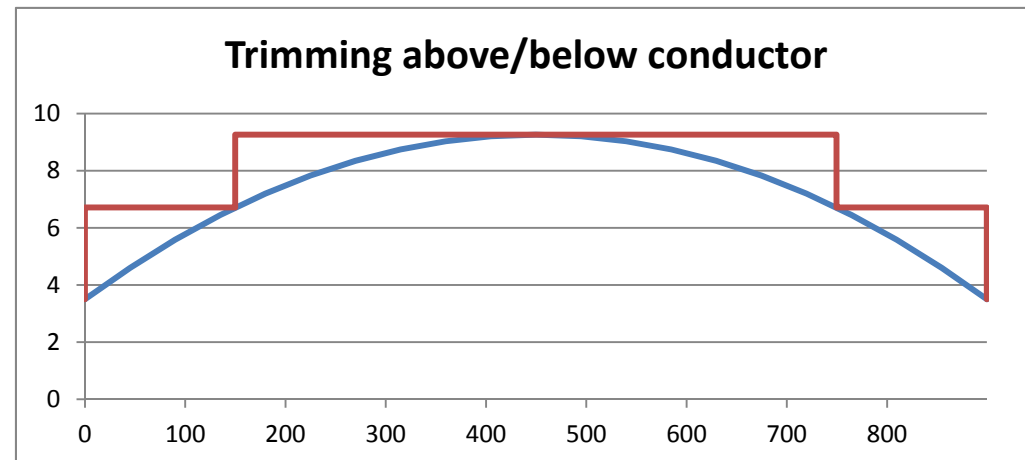
Span length 899.5m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 24m
Blowout at mid span 40m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37806

PL205136 --- PL205138

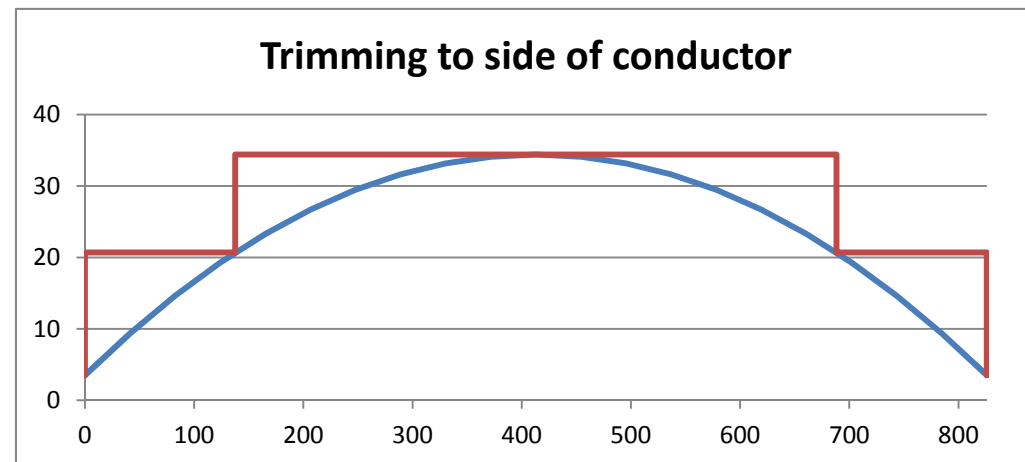
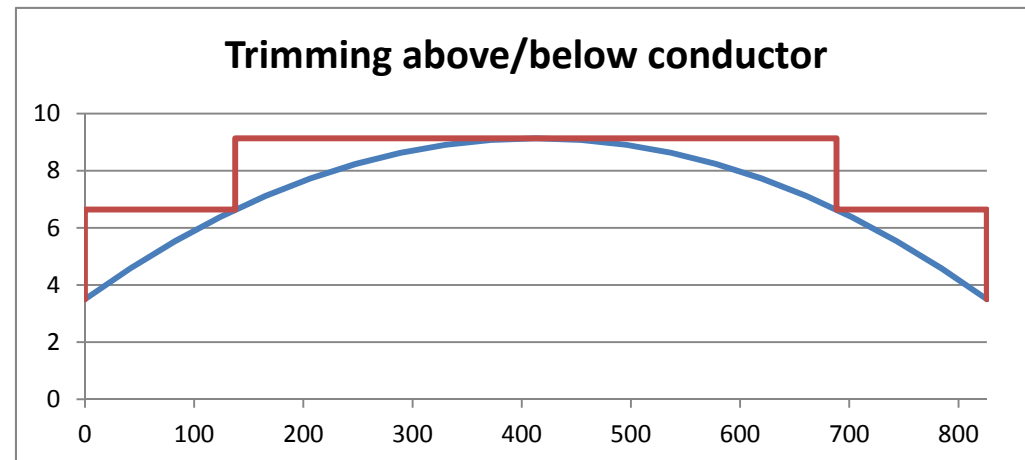
Span length 826m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 7m
Above/below at mid span 9.5m
Blowout at 1/6 span 21m
Blowout at mid span 34.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37806

PL205138 --- PL205183

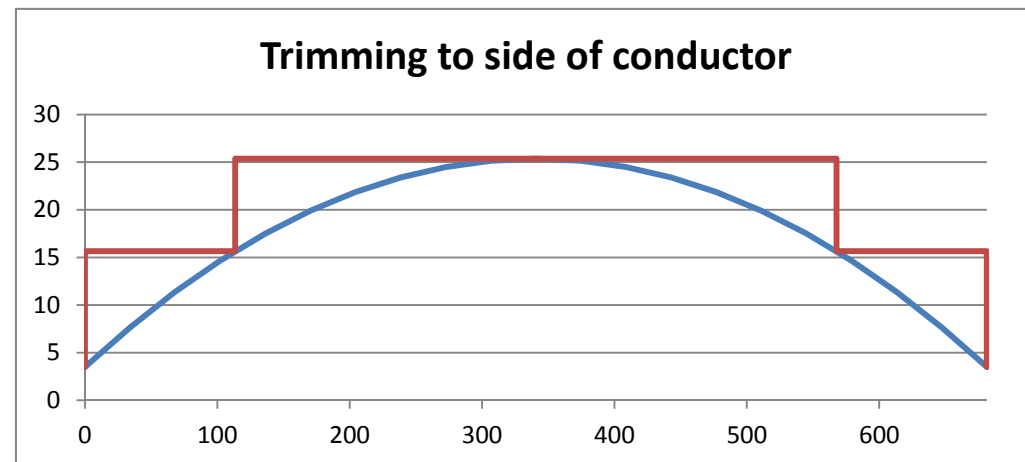
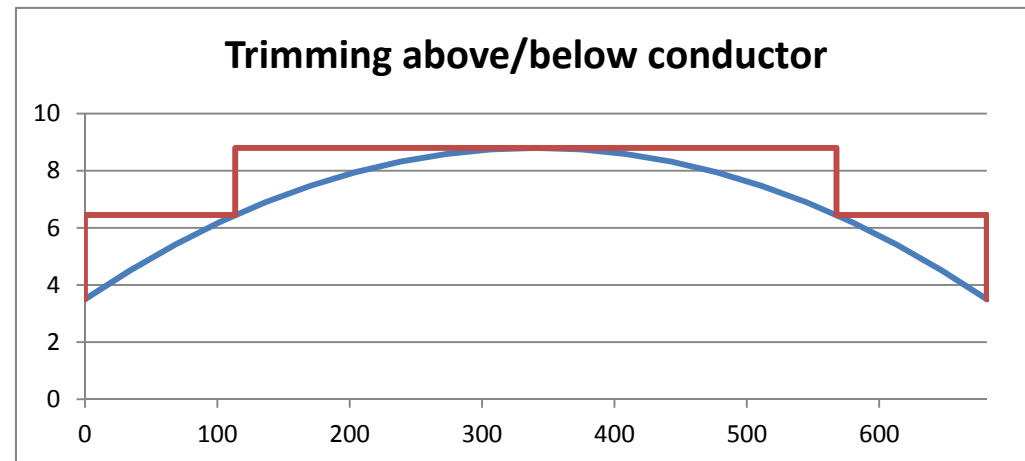
Span length 681.3m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 16m
Blowout at mid span 25.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37806

PL217775 --- PL342508

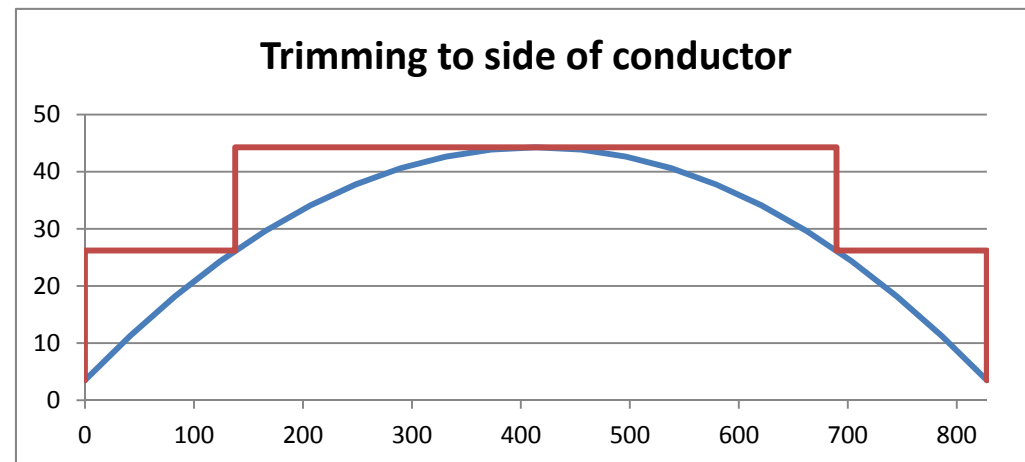
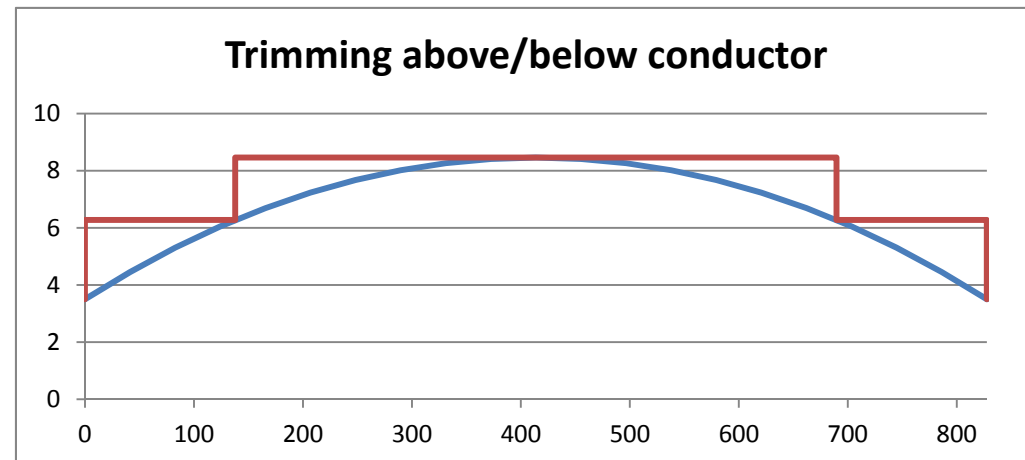
Span length 827.6m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 26.5m
Blowout at mid span 44.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37806

PL217782 --- PL217790

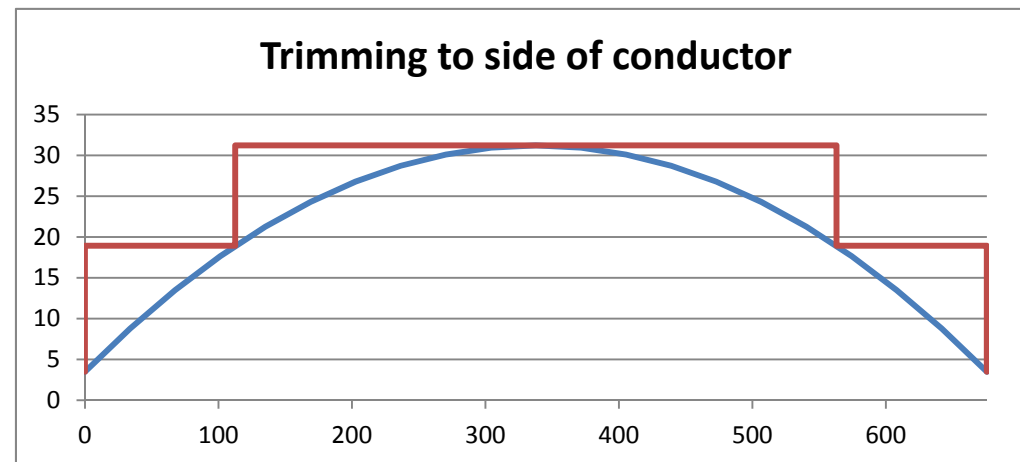
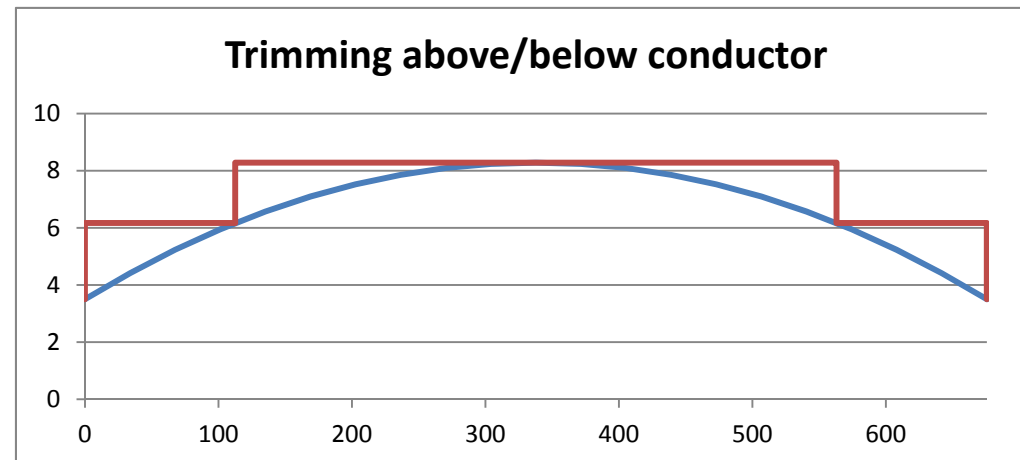
Span length 675.7m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 19m
Blowout at mid span 31.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37808

PL205490 --- PL205506

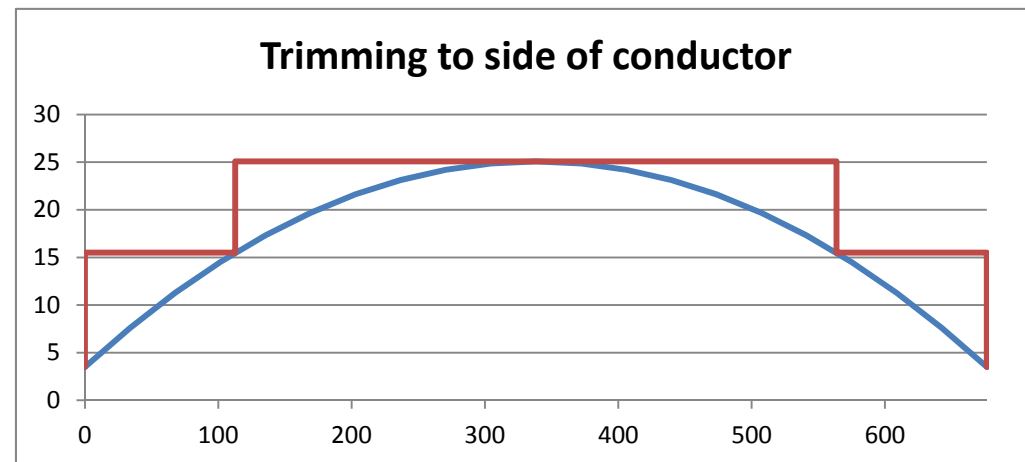
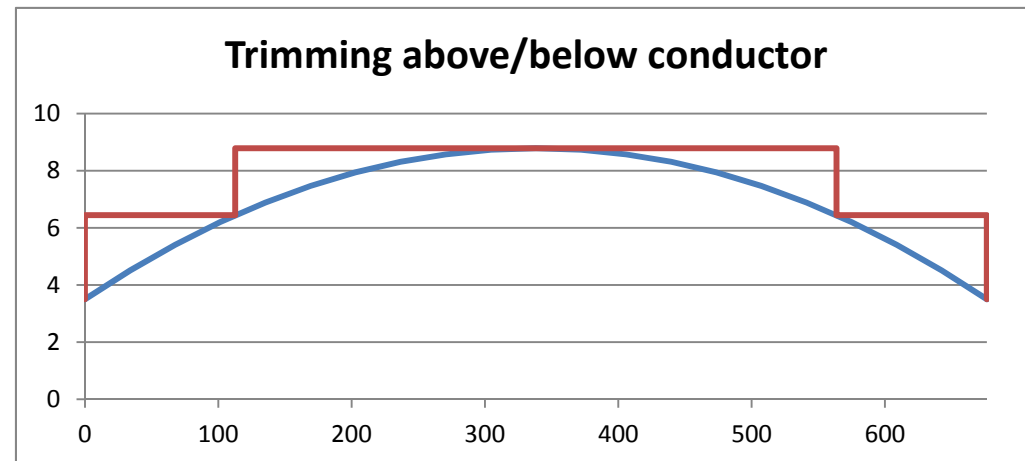
Span length 676.4m
Voltage 132kV
Conductor Cockatoo

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 9m
Blowout at 1/6 span 15.5m
Blowout at mid span 25.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37809

PL217784 --- PL342508

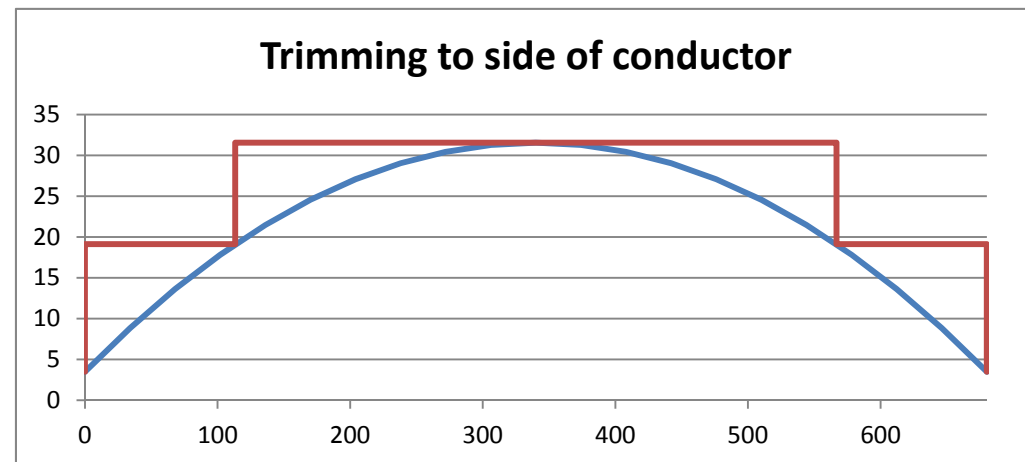
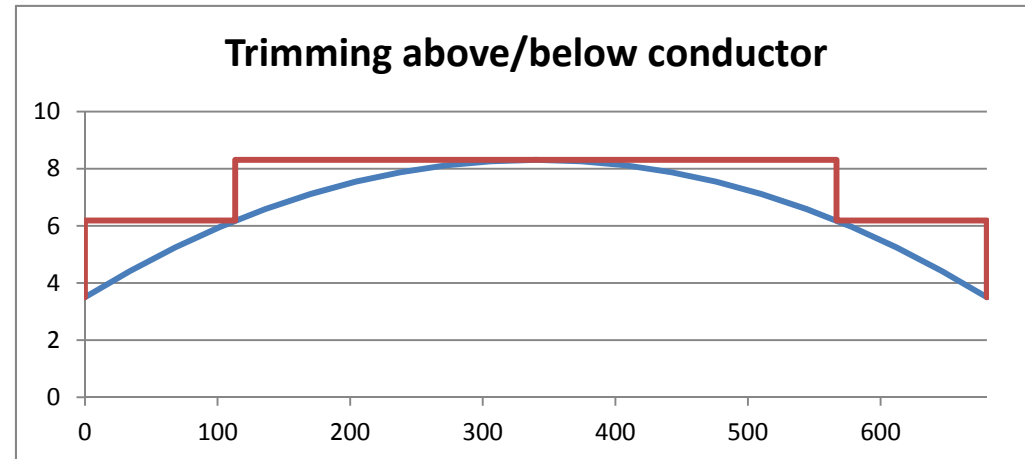
Span length 680.2m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 19.5m
Blowout at mid span 32m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W37872

PL1AT006 --- PL1AT007

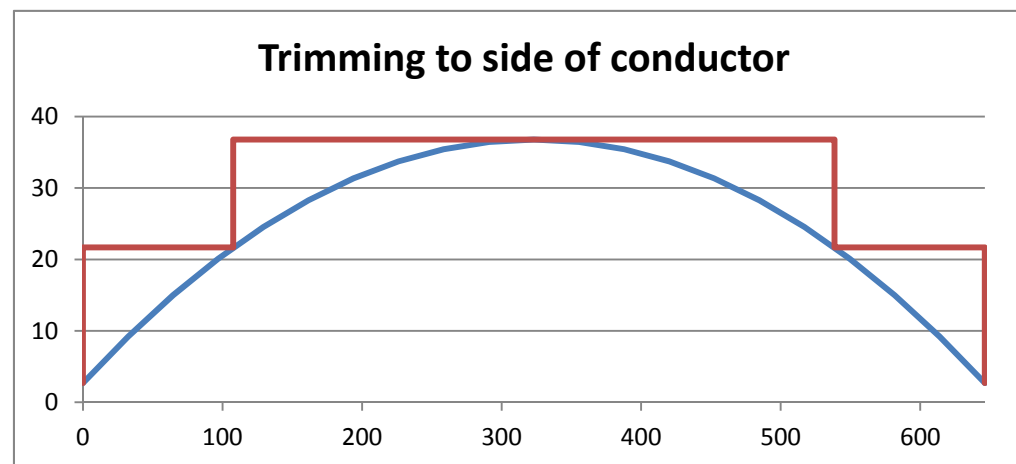
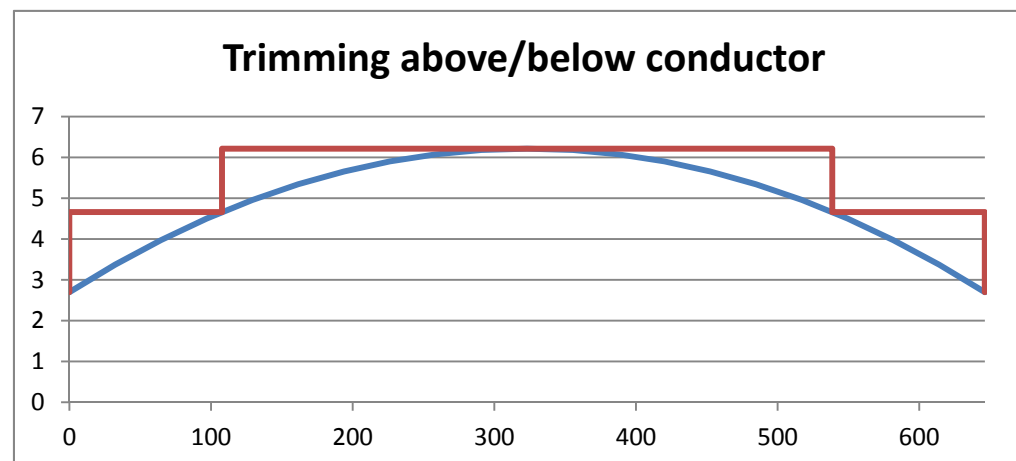
Span length 646.3m
Voltage 22kV
Conductor Banana

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 22m
Blowout at mid span 37m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W46027

PL785020 --- PL785022

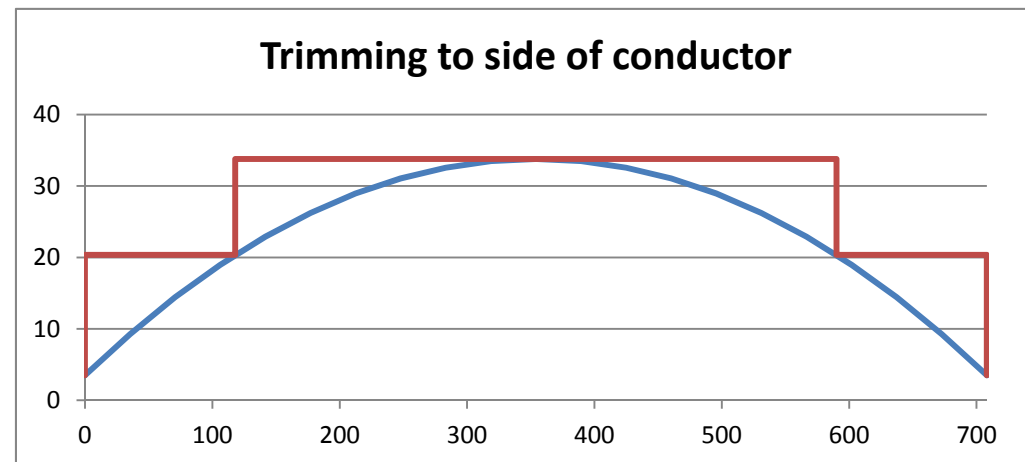
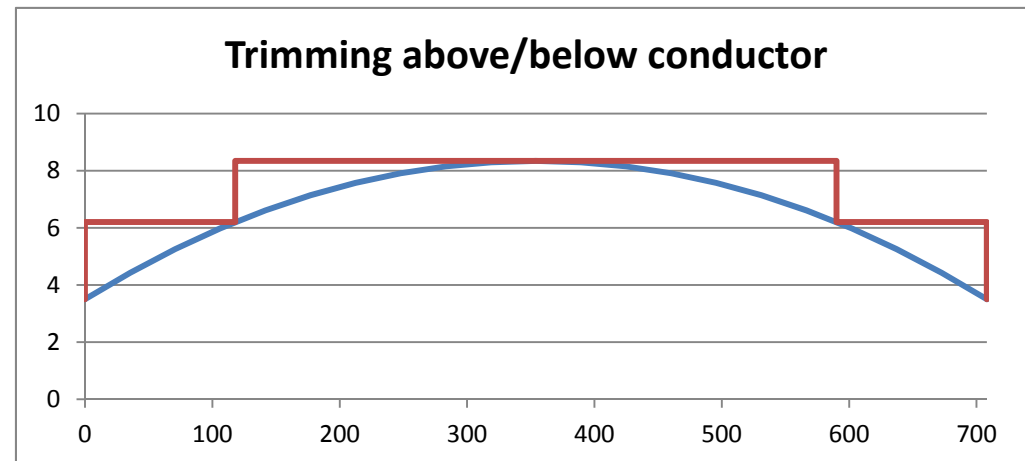
Span length 708.1m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 20.5m
Blowout at mid span 34m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W4617

PL217159 --- PL217162

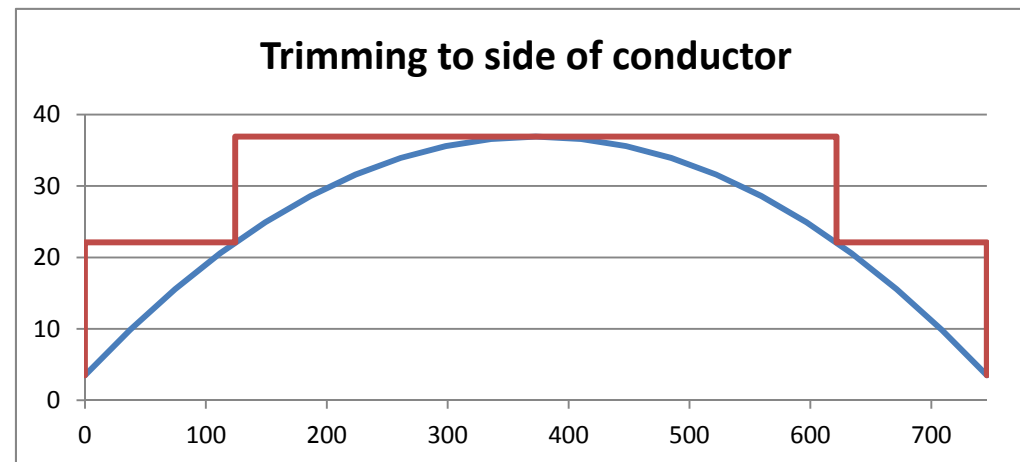
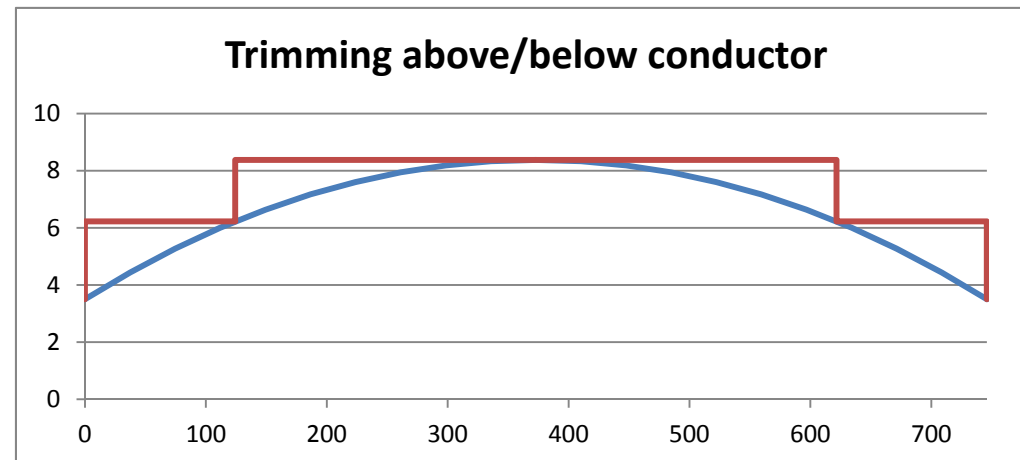
Span length 745.933m
 Voltage 132kV
 Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 6.5m
 Above/below at mid span 8.5m
 Blowout at 1/6 span 22.5m
 Blowout at mid span 37m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W46473

PL1JY005 --- PL1JY008

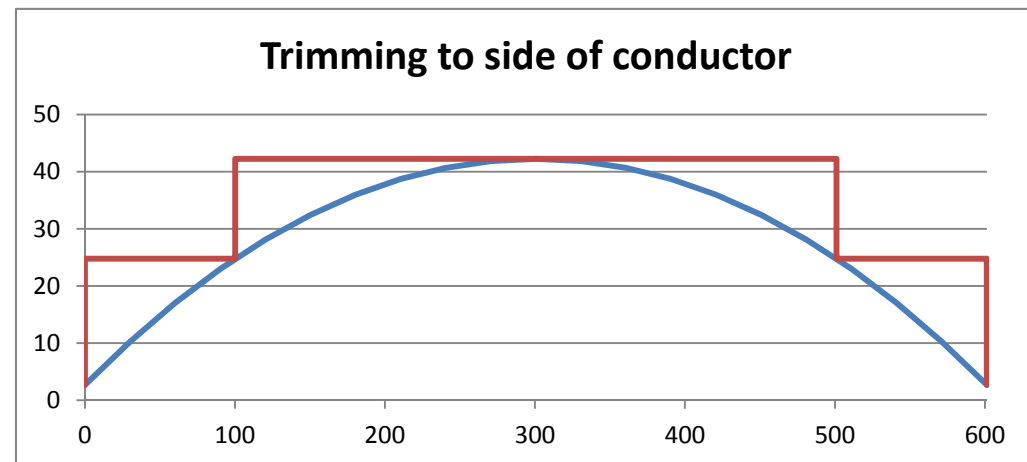
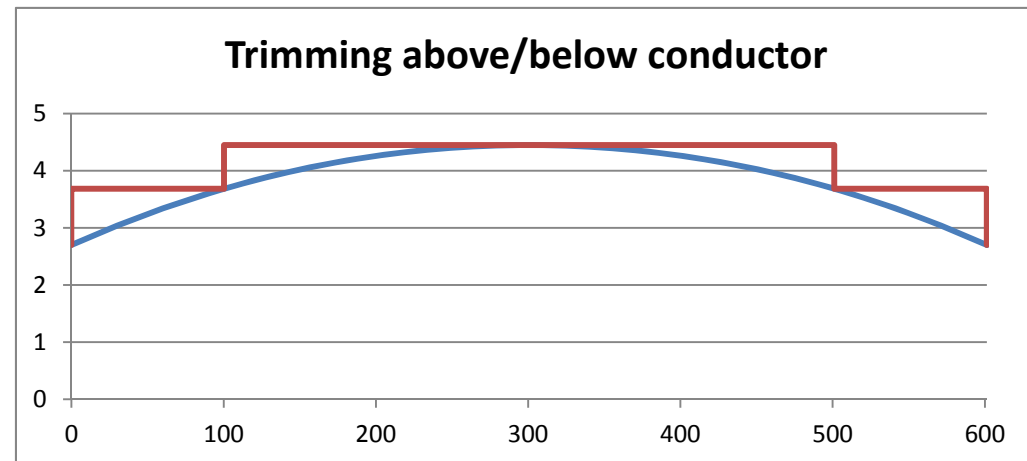
Span length 601.3m
 Voltage 22kV
 Conductor 19/2.00CU

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 75°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 4m
 Above/below at mid span 4.5m
 Blowout at 1/6 span 25m
 Blowout at mid span 42.5m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W551021

PL784888 --- PL784891

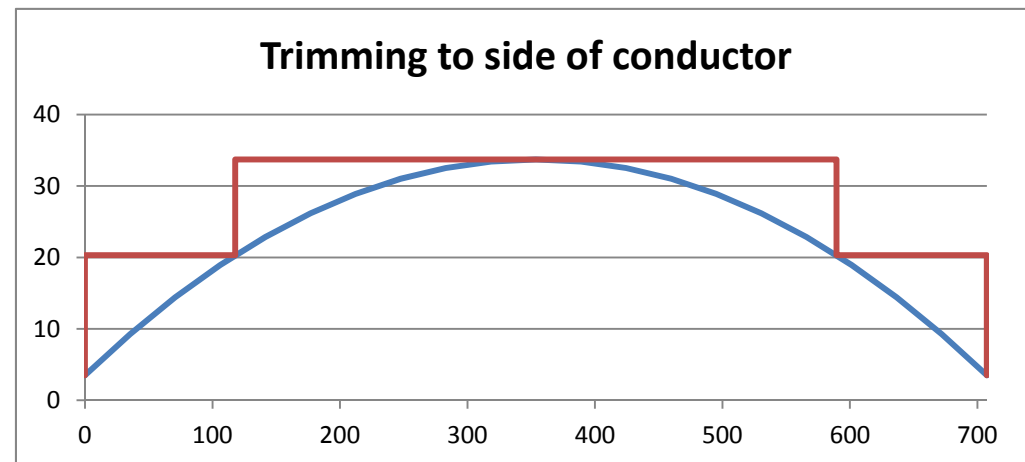
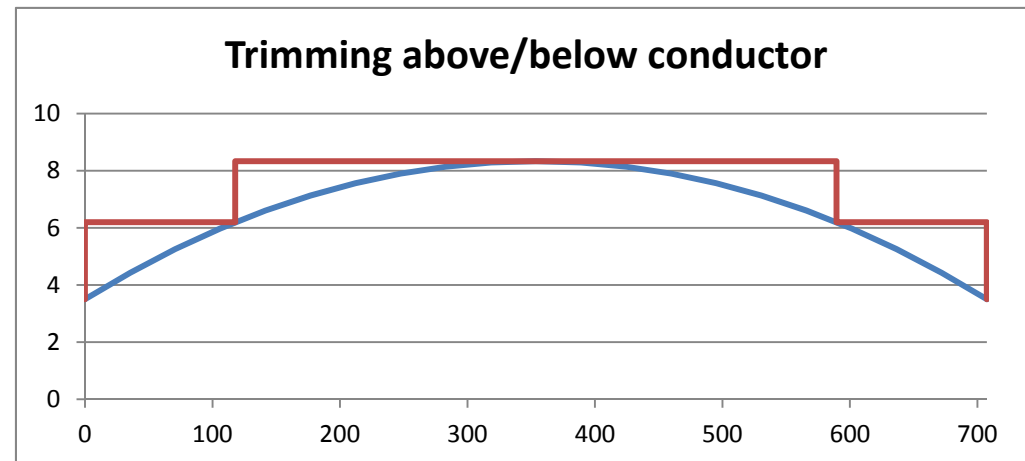
Span length 707.4m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 20.5m
Blowout at mid span 34m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W55175

PL784867 --- PL784869

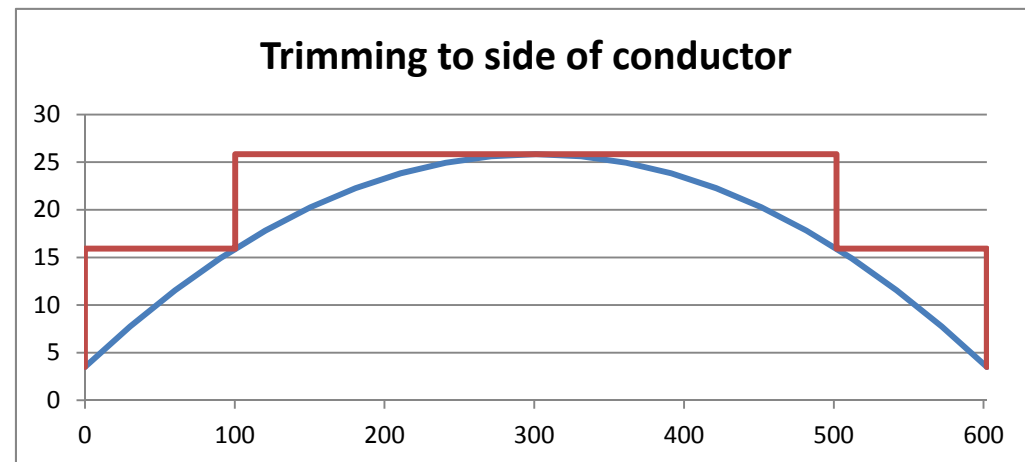
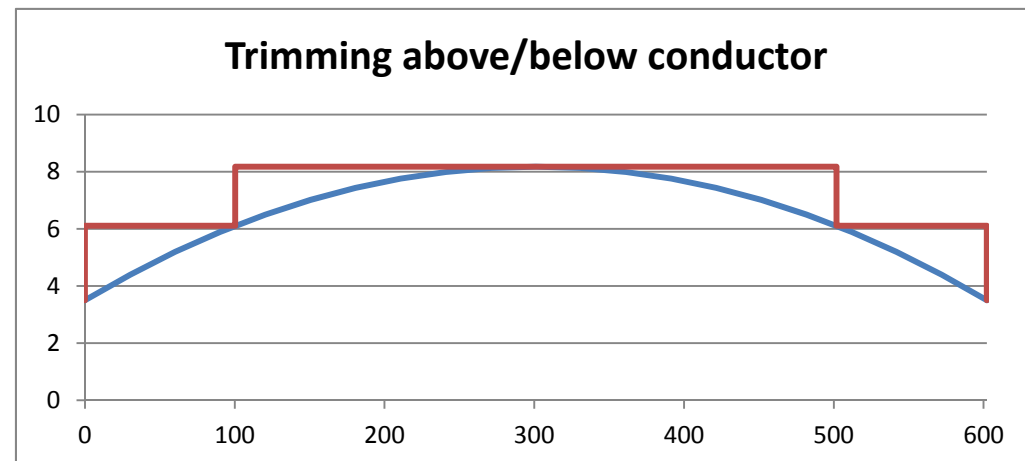
Span length 602.2m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16m
Blowout at mid span 26m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W551781

PL784883 --- PL784881

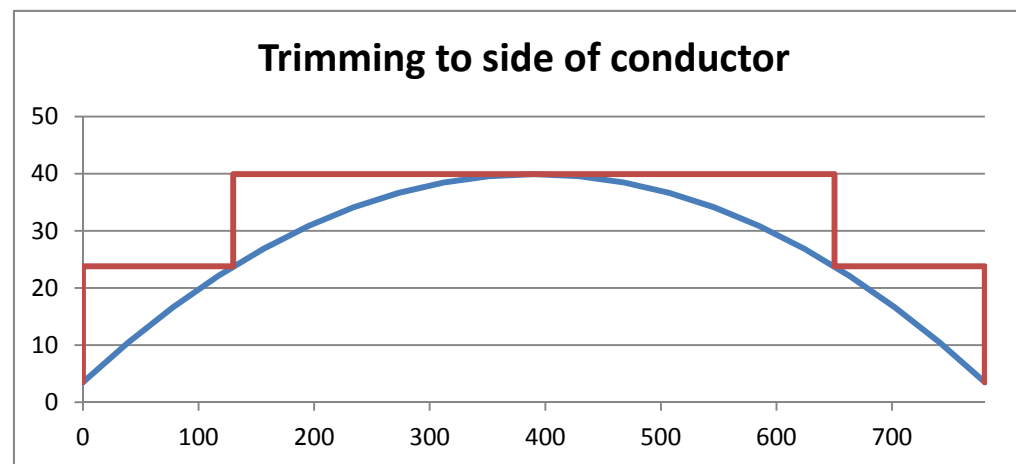
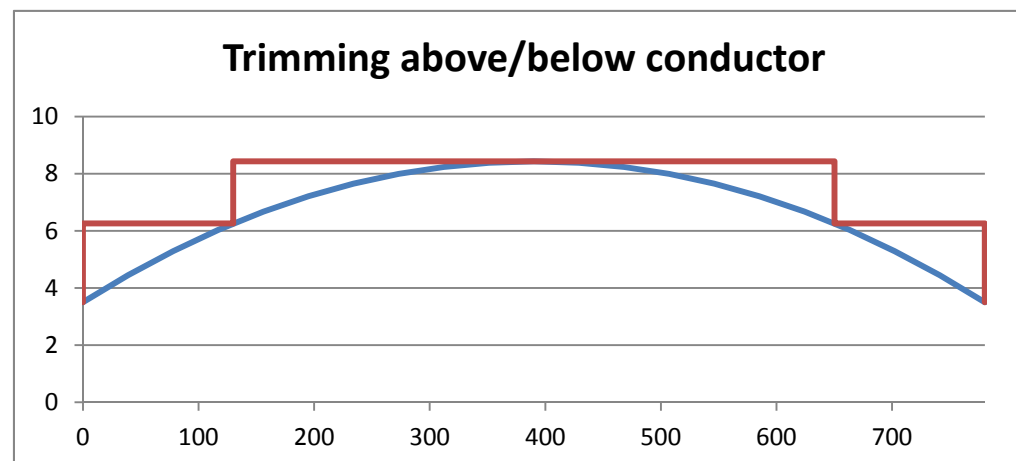
Span length 780.304m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 24m
Blowout at mid span 40m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W551783

PL784885 --- PL784887

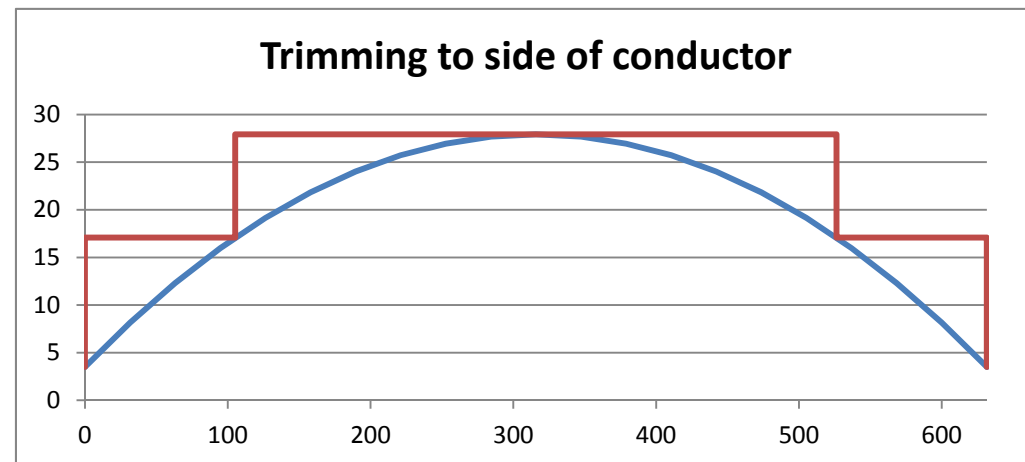
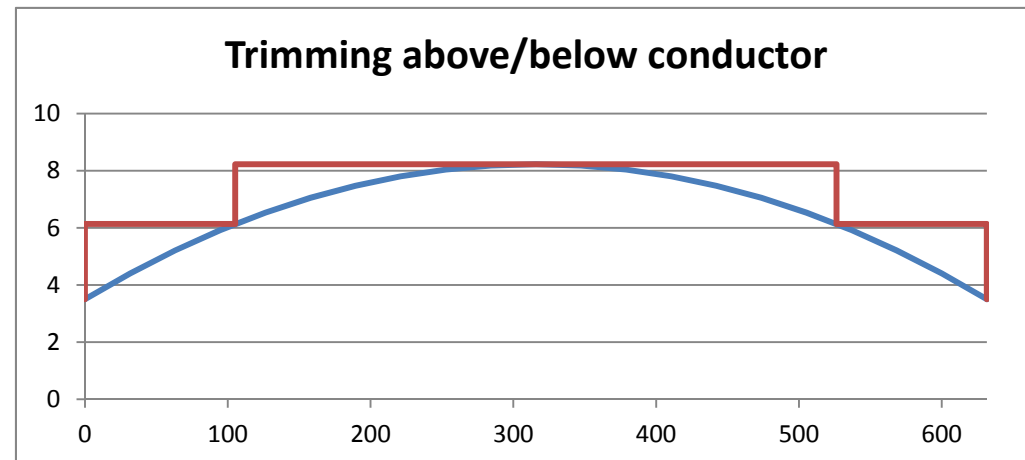
Span length 631.6m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 17.5m
Blowout at mid span 28m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W55322

PL872584 --- PL872583

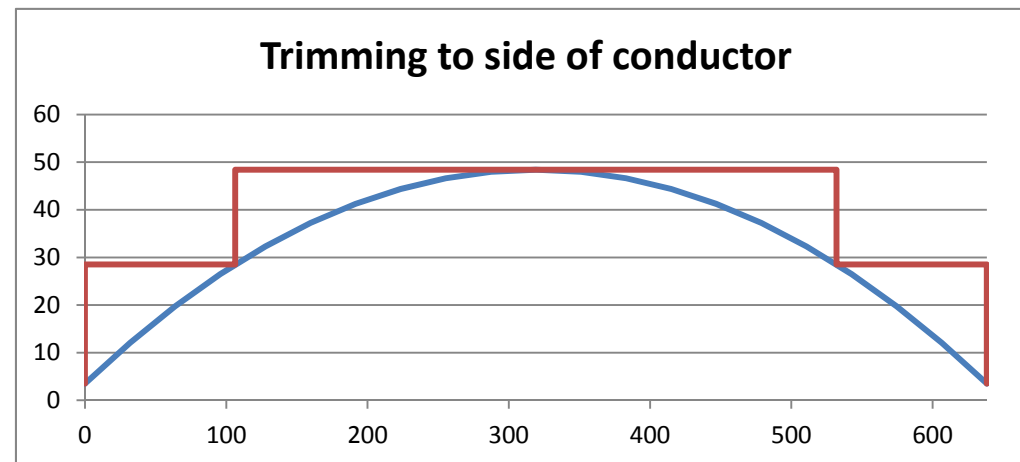
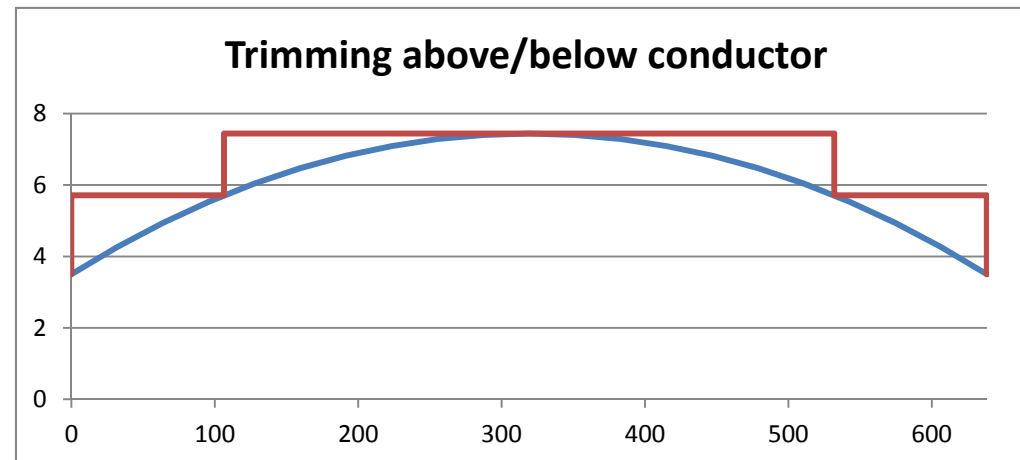
Span length 638.4m
Voltage 132kV
Conductor Pluto

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6m
Above/below at mid span 7.5m
Blowout at 1/6 span 28.5m
Blowout at mid span 48.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W55478

PL893786 --- PL893794

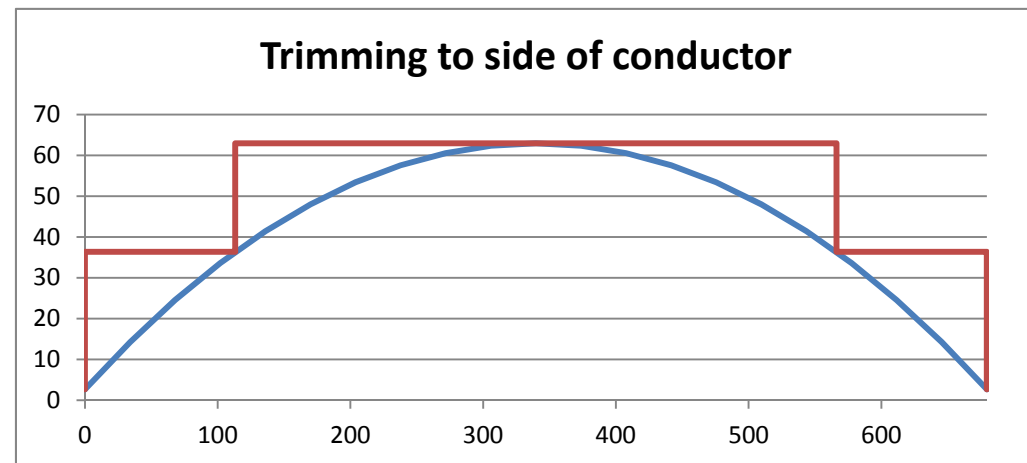
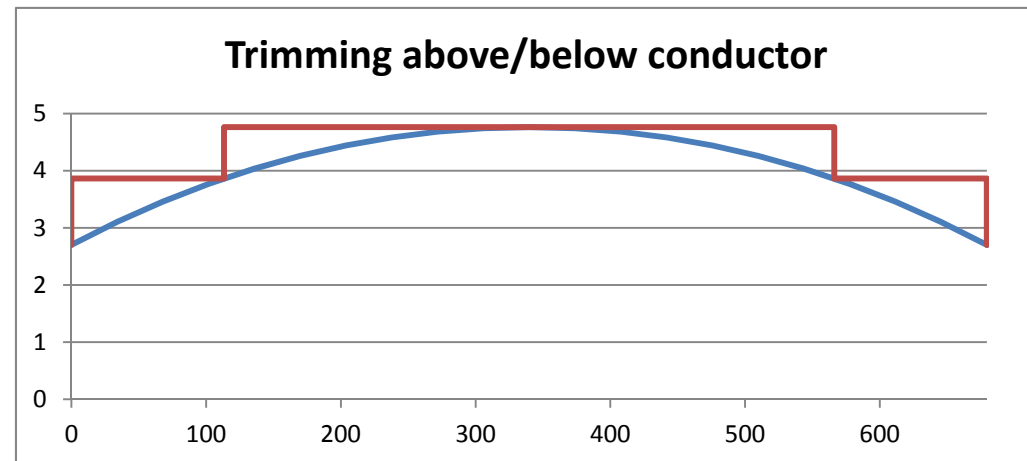
Span length 679.5m
Voltage 22kV
Conductor 7/2.00CU

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 4m
Above/below at mid span 5m
Blowout at 1/6 span 36.5m
Blowout at mid span 63m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W64705

PL4DA005 --- PL4DA006

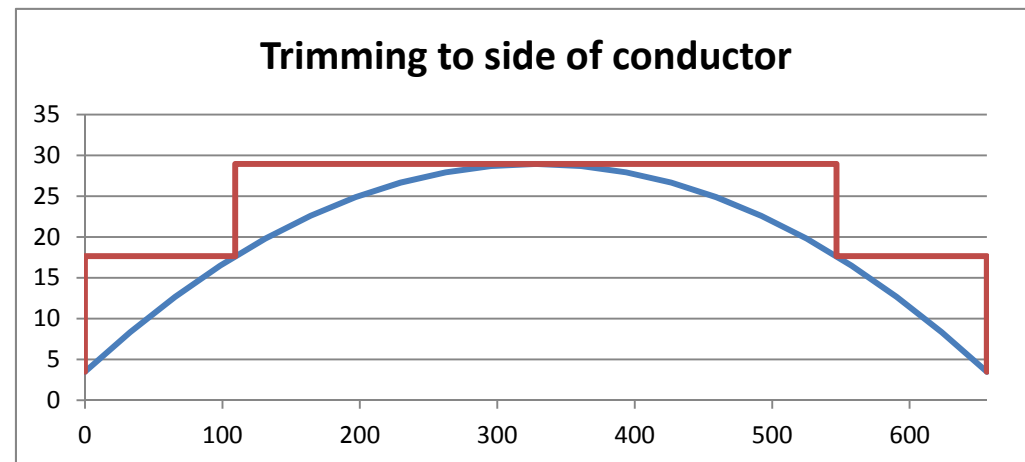
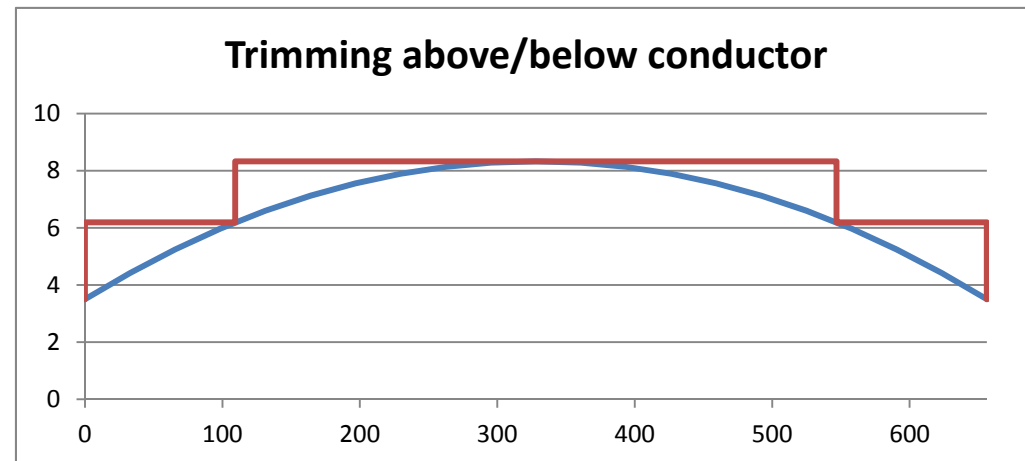
Span length 656.2m
Voltage 132kV
Conductor Lemon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 18m
Blowout at mid span 29m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73472

PL204557 --- PL204564

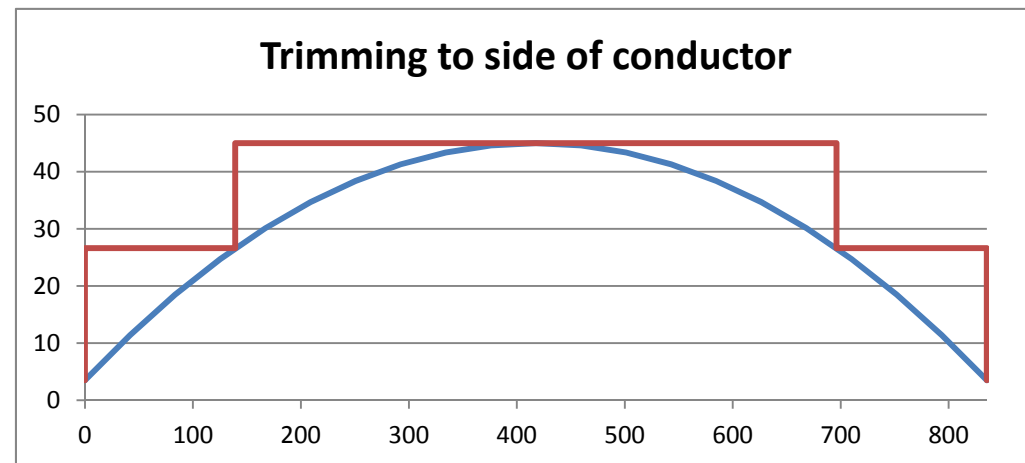
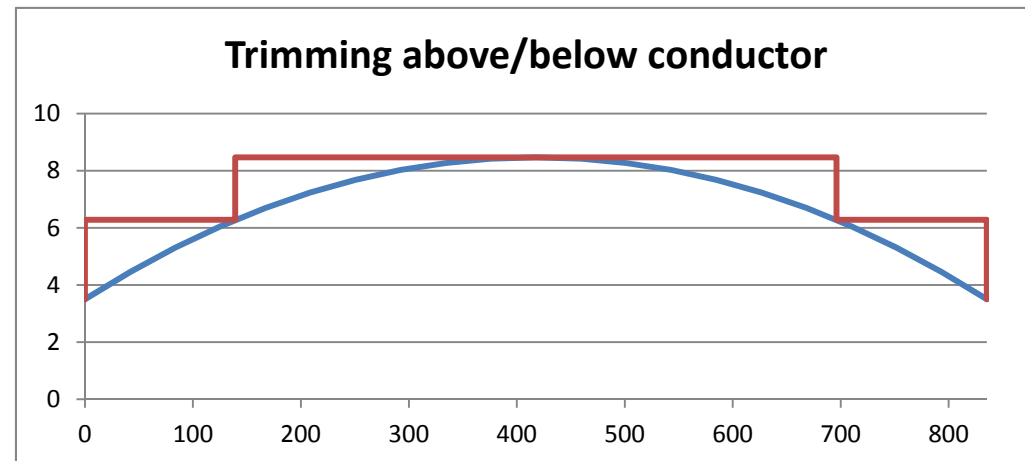
Span length 835.4m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 27m
Blowout at mid span 45m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73472

PL204560 --- PL776501

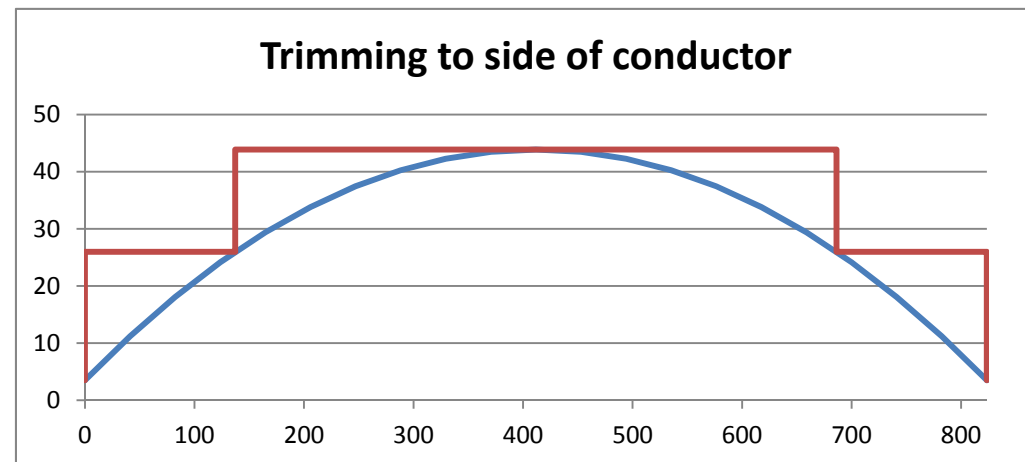
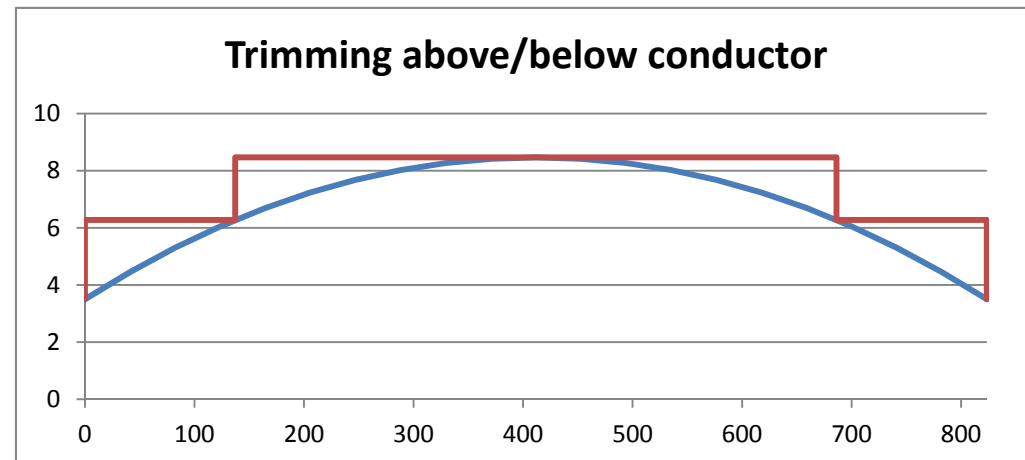
Span length 823.5m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 26m
Blowout at mid span 44m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73556

PL204302 --- PL204311

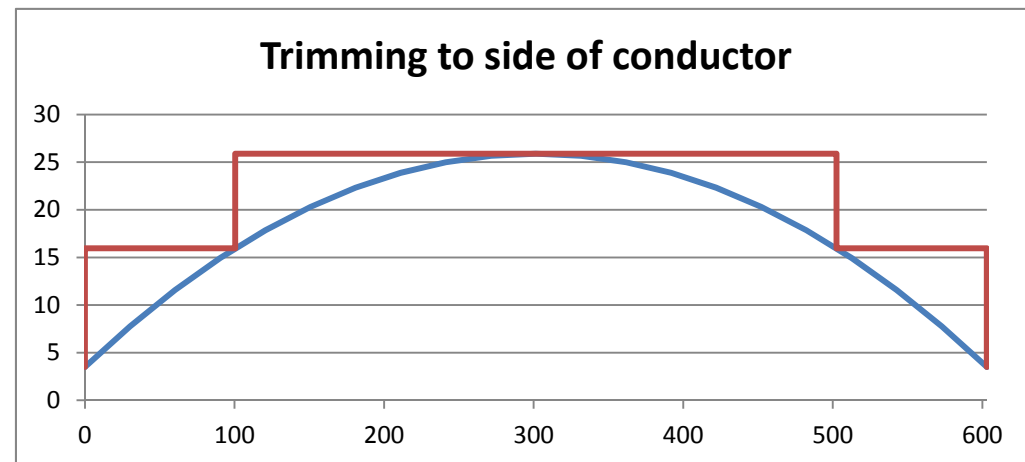
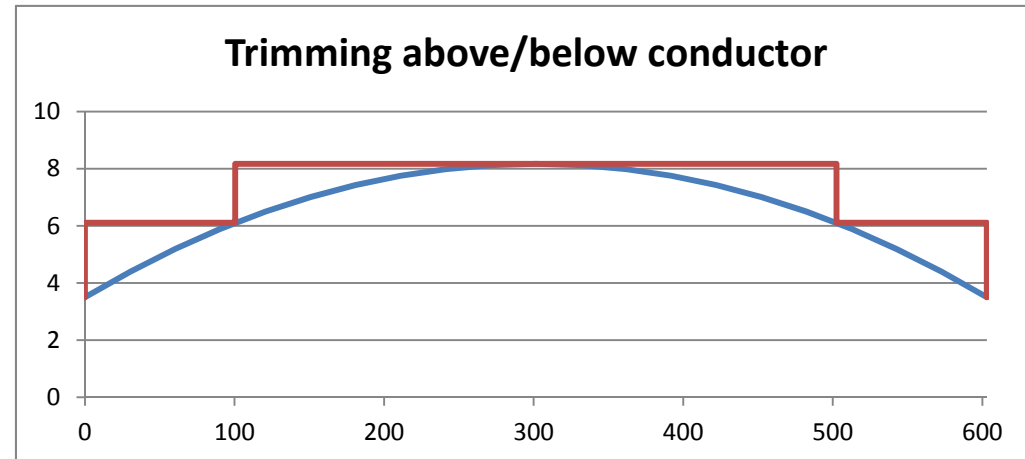
Span length 603m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16m
Blowout at mid span 26m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73556

PL204305 --- PL204308

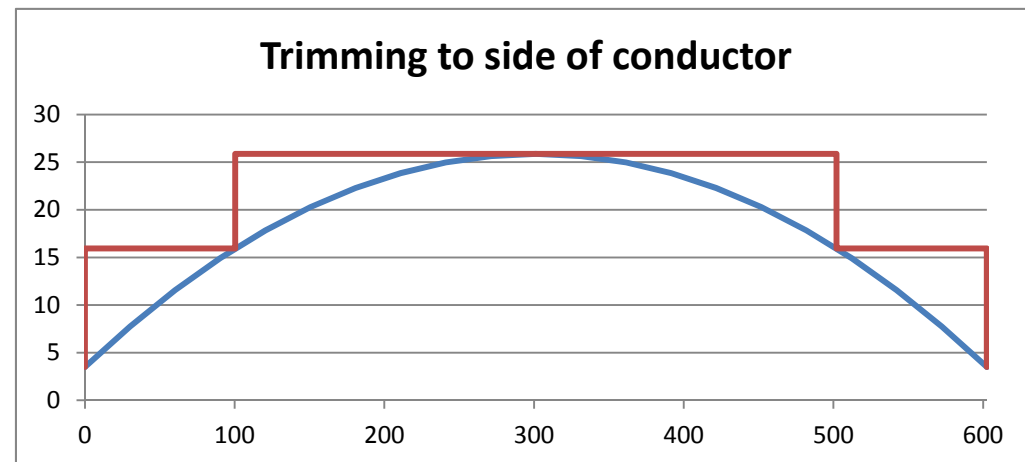
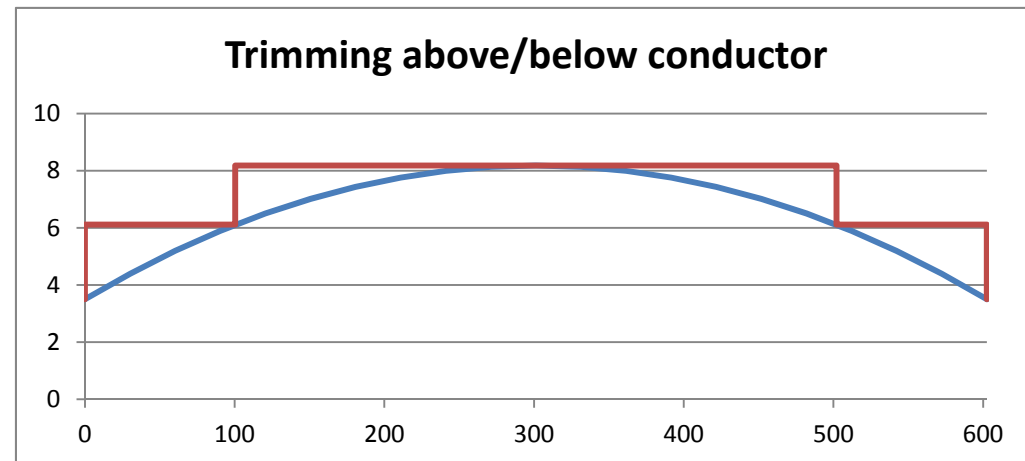
Span length 602.5m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 16m
Blowout at mid span 26m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73777

PL319923 --- PL4AY239

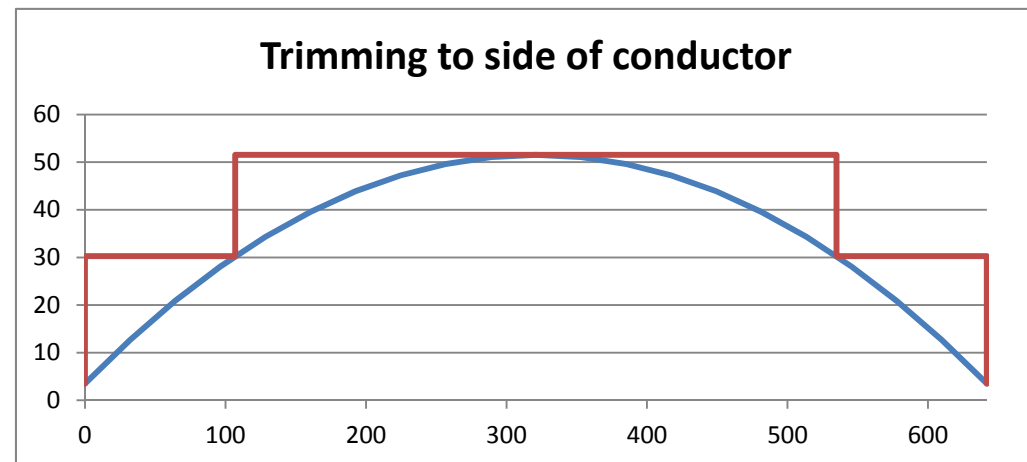
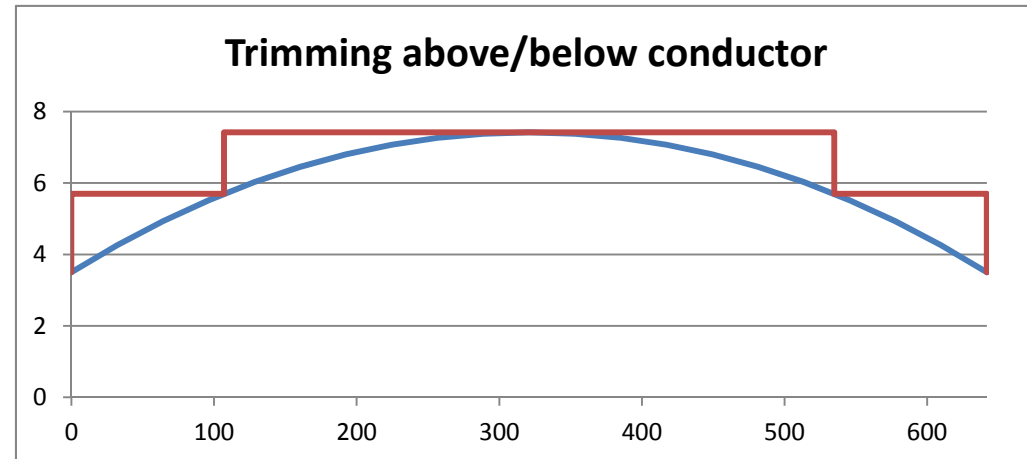
Span length 641.9m
Voltage 132kV
Conductor Moon

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6m
Above/below at mid span 7.5m
Blowout at 1/6 span 30.5m
Blowout at mid span 51.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W73777

PL812296 --- PL878746

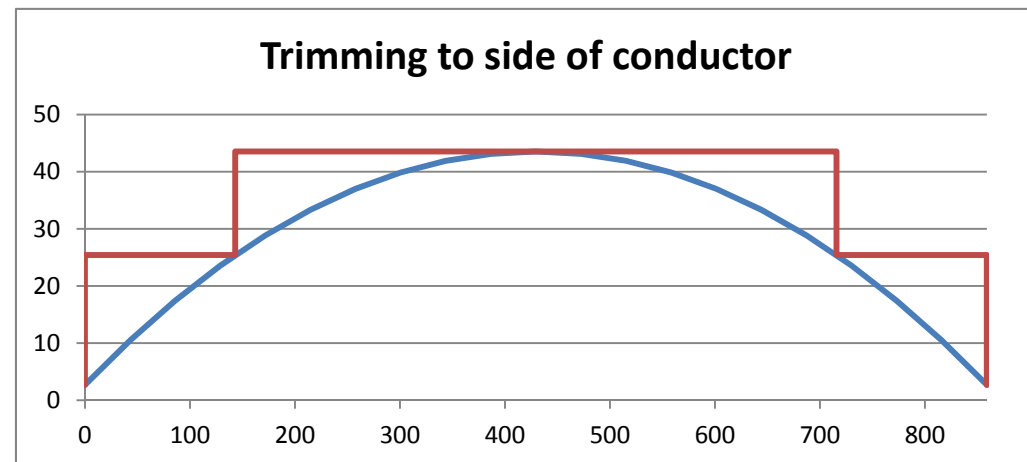
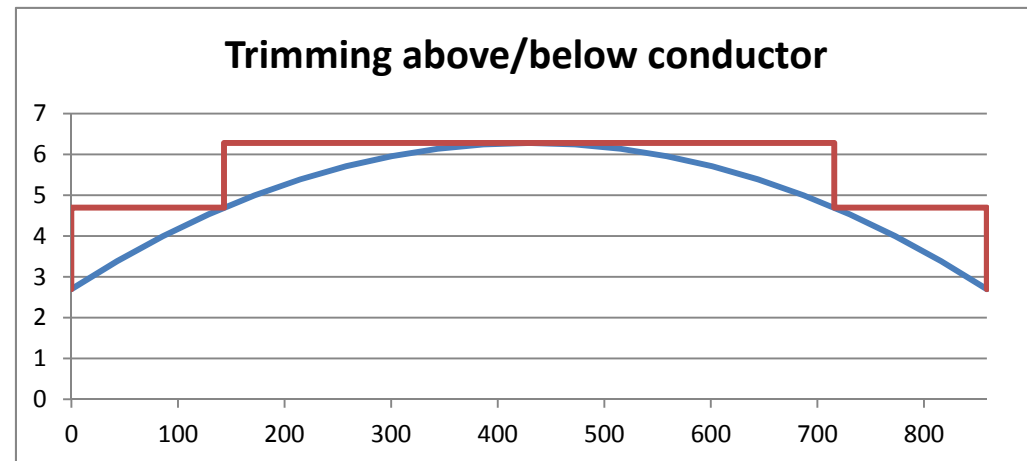
Span length 859m
Voltage 22kV
Conductor Raisin

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 75°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6.5m
Blowout at 1/6 span 25.5m
Blowout at mid span 43.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W827773

PL211964 --- PL211973

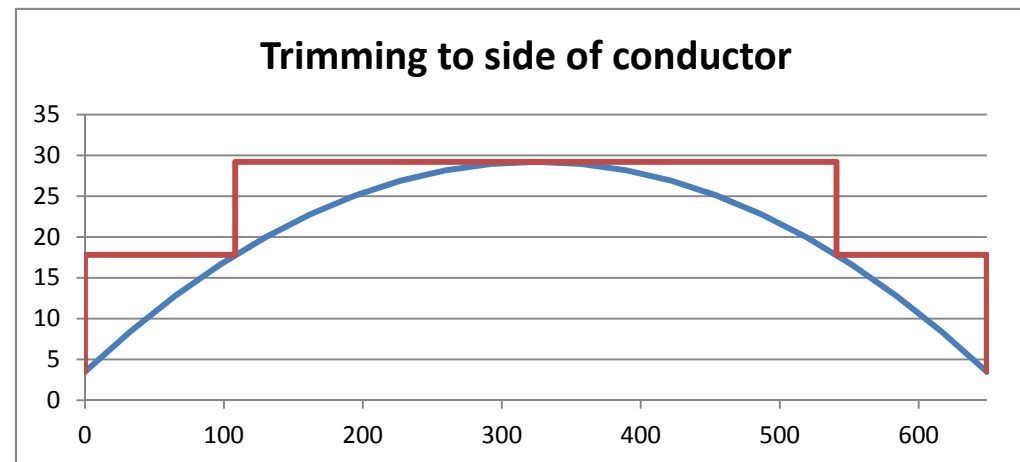
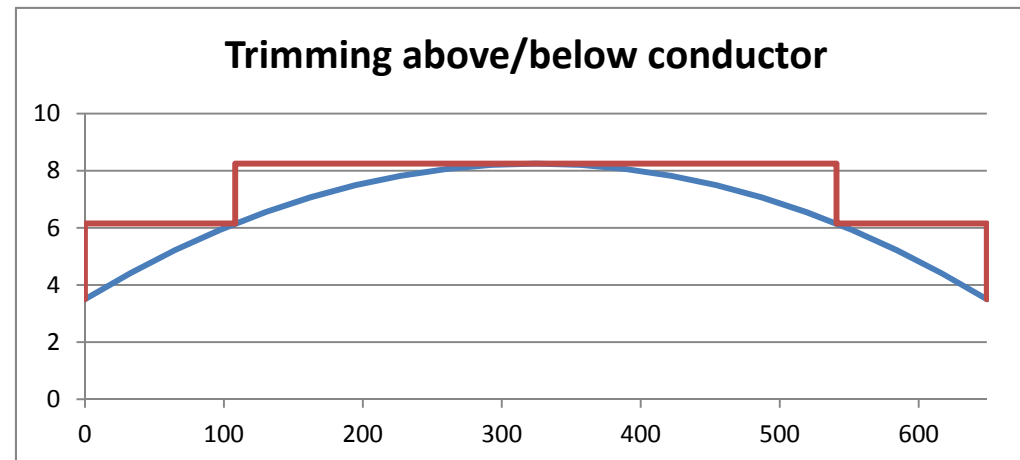
Span length 649.1m
Voltage 132kV
Conductor Mango

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 6.5m
Above/below at mid span 8.5m
Blowout at 1/6 span 18m
Blowout at mid span 29.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W82851

PL211818 --- PL211819

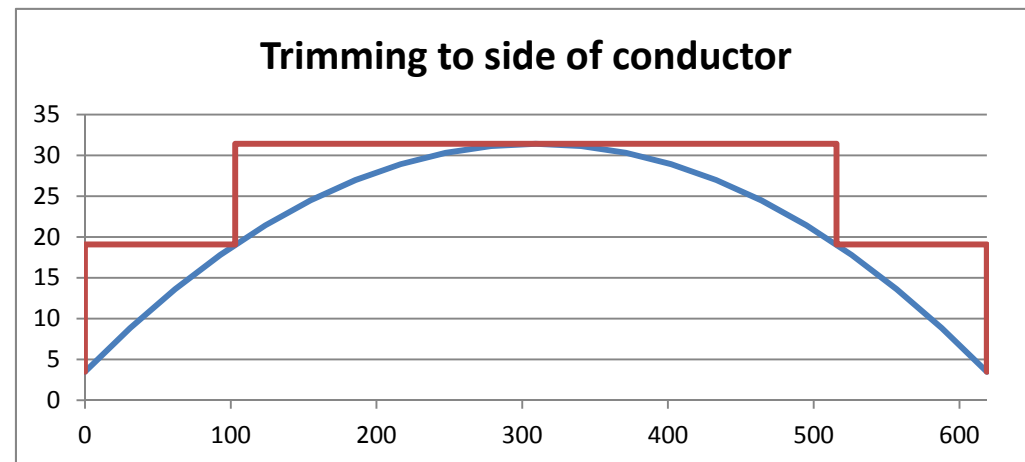
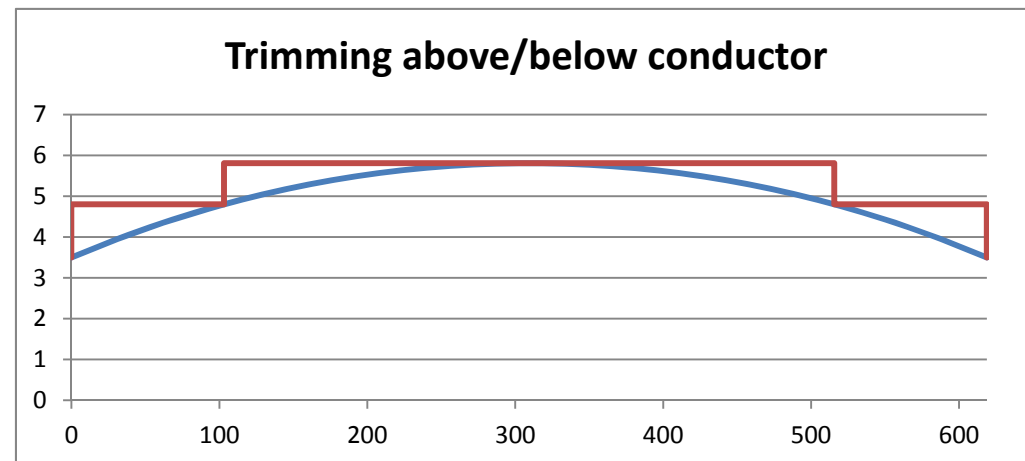
Span length 618.8m
Voltage 132kV
Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6m
Blowout at 1/6 span 19.5m
Blowout at mid span 31.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W82851

GDI_149757 --- PL211811

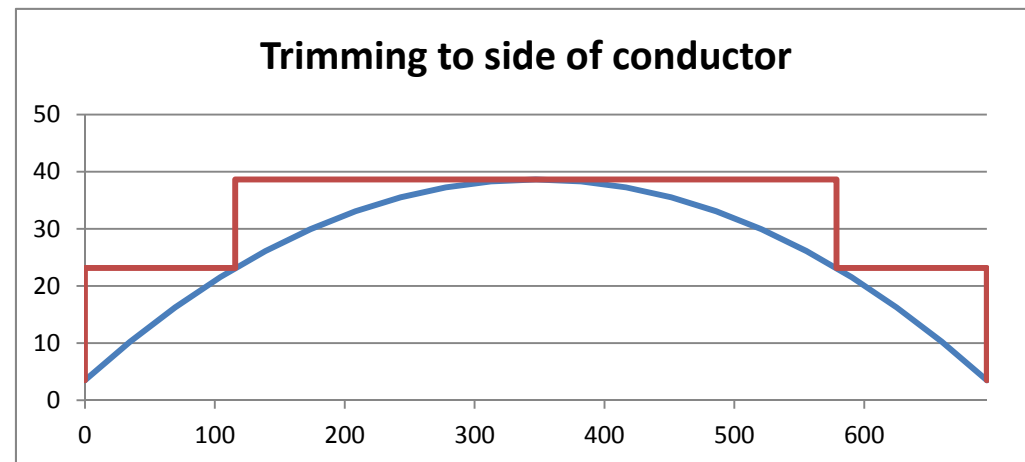
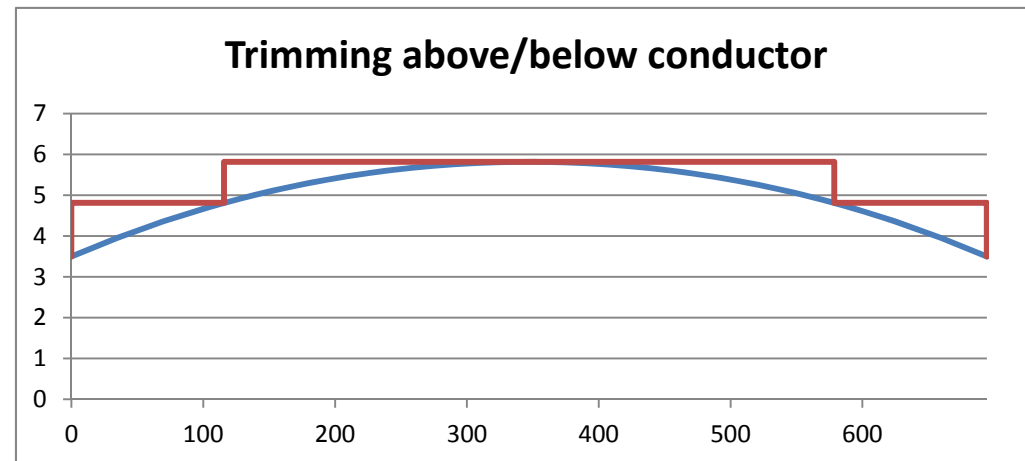
Span length 694.4m
 Voltage 132kV
 Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 23.5m
 Blowout at mid span 39m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



■ Standard 1/6 - 2/3 - 1/6 steps along span
■ Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W82851

PL211802 --- PL211811

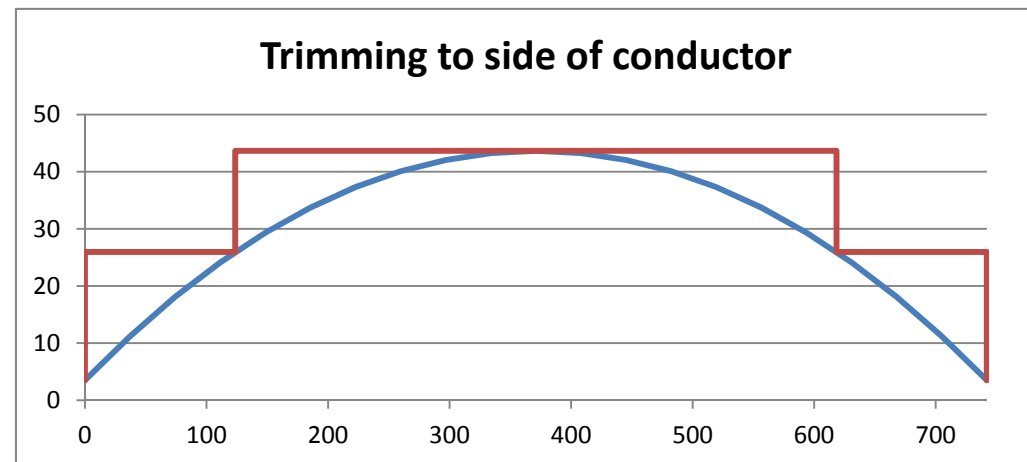
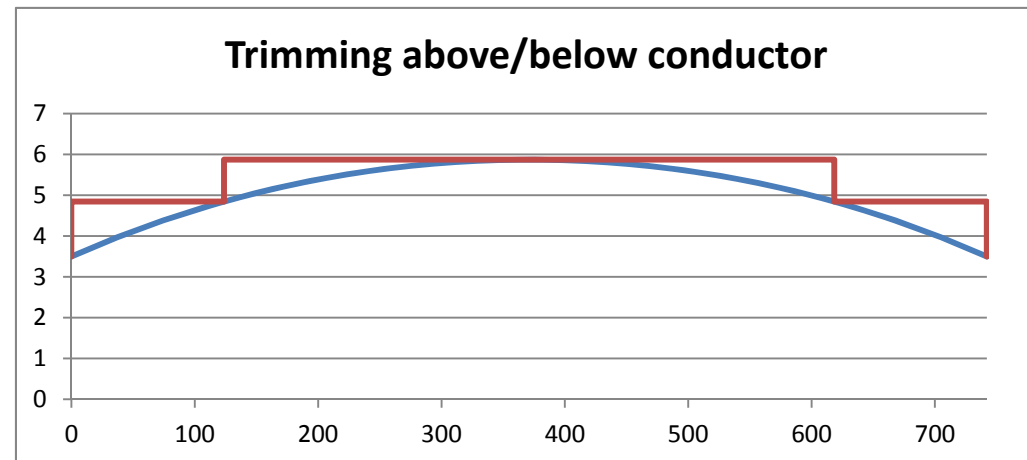
Span length 742.1m
 Voltage 132kV
 Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
 Stringing temperature 5°C
 Sag temperature 100°C
 Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
 Above/below at 1/6 span 5m
 Above/below at mid span 6m
 Blowout at 1/6 span 26m
 Blowout at mid span 44m
 Allowance for physical sag/blowout and safety clearance is included.
 Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
 Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W828542

PL211801 --- PL211802

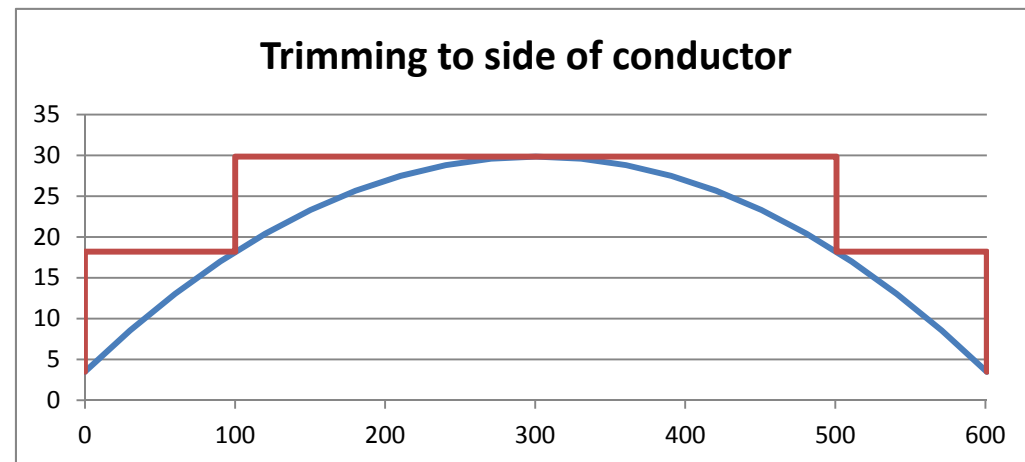
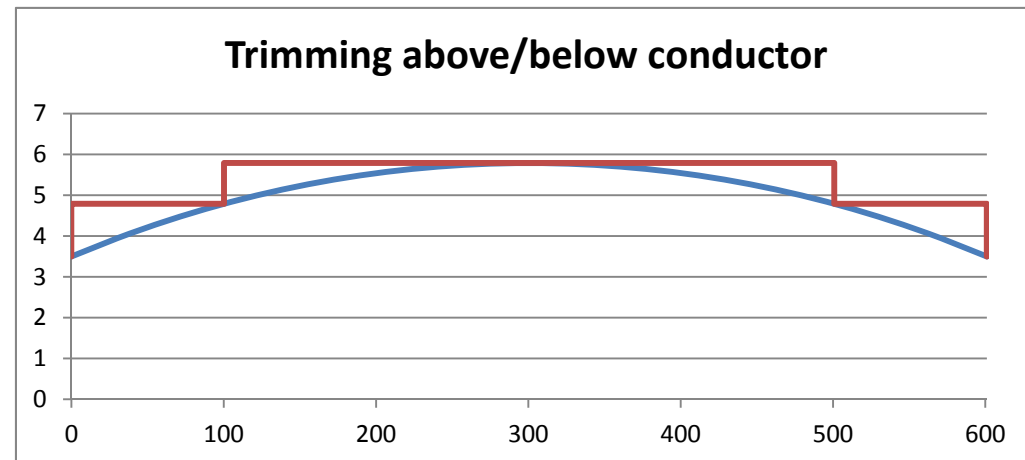
Span length 601m
Voltage 132kV
Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6m
Blowout at 1/6 span 18.5m
Blowout at mid span 30m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.

Map W828571

PL211787 --- PL211788

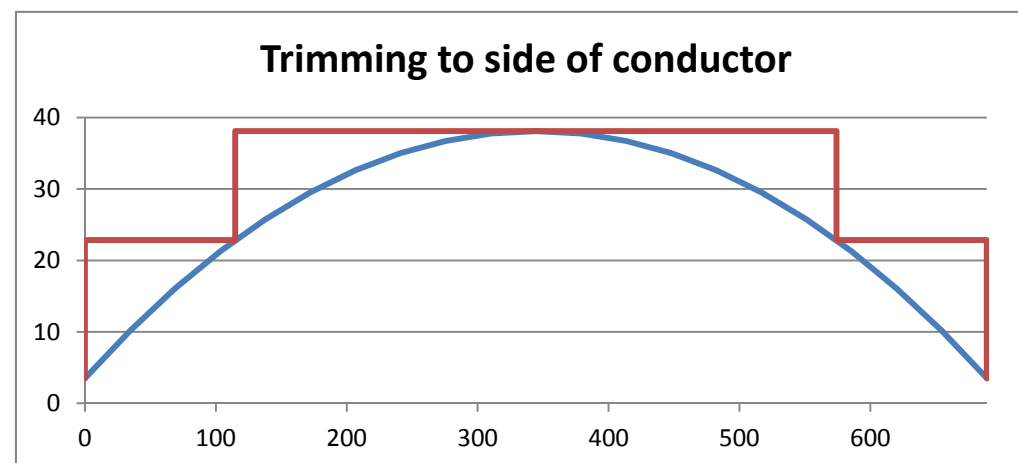
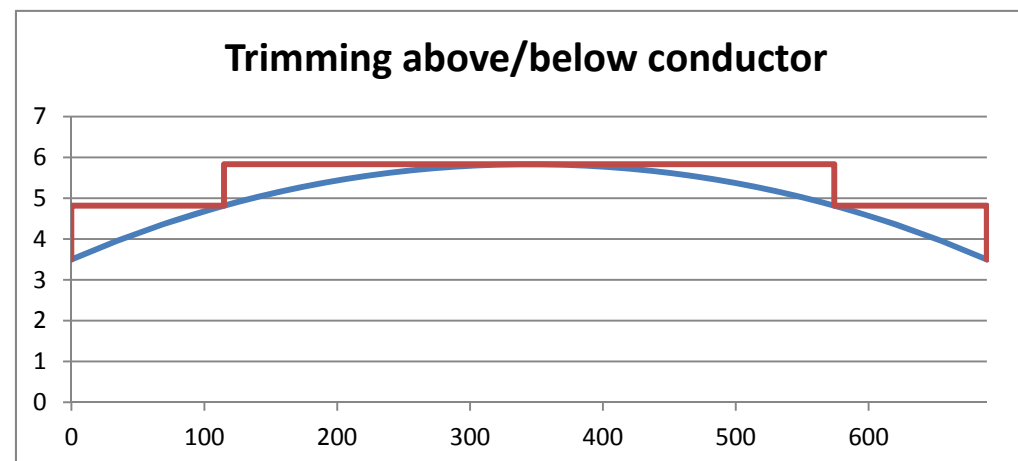
Span length 689m
Voltage 132kV
Conductor 37/2.75CU

Assumptions:

Stringing tension 20.0% CBL
Stringing temperature 5°C
Sag temperature 100°C
Level span assumed, non-level spans may require further assessment.

Trimming distances:

All directions around structure 5m
Above/below at 1/6 span 5m
Above/below at mid span 6m
Blowout at 1/6 span 23m
Blowout at mid span 38.5m
Allowance for physical sag/blowout and safety clearance is included.
Allowance for vegetation regrowth is not included.



Standard 1/6 - 2/3 - 1/6 steps along span
Curve that may be applied if the additional trimming to meet the steps would incur disproportionate cost or environmental impact.