



Norwich Western Link

Environmental Statement

Chapter 10: Biodiversity

Appendix 10.37: Solar Exposure Analysis

Sub Appendix B: Solar Radiation Assessment

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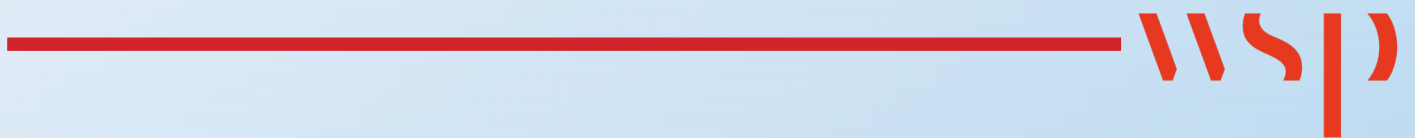
1 Introduction

1.1.1 This document presents a series of figures showing the outputs of the Solar Radiation modelling analysis for the permanent viaduct structure and associated temporary works. The figures show the modelled Seasonal and Annual solar radiation for multiple scenarios including: Baseline Scenario; Temporary Works Scenario; Temporary Works to Baseline Ratio; Temporary Works and Permanent Structure Scenario; Temporary Works and Permanent Structure to Baseline ratio; Permanent Structure Scenario; and Permanent Structure to Baseline Ratio.

1.1.2 We have included a summary of key information shown in this document in an accessible format in section 1.1.1. However, some users may not be able to access all technical details that are included in the rest of this document. If you require this document in a more accessible format, please contact norwichwesternlink@norfolk.gov.uk

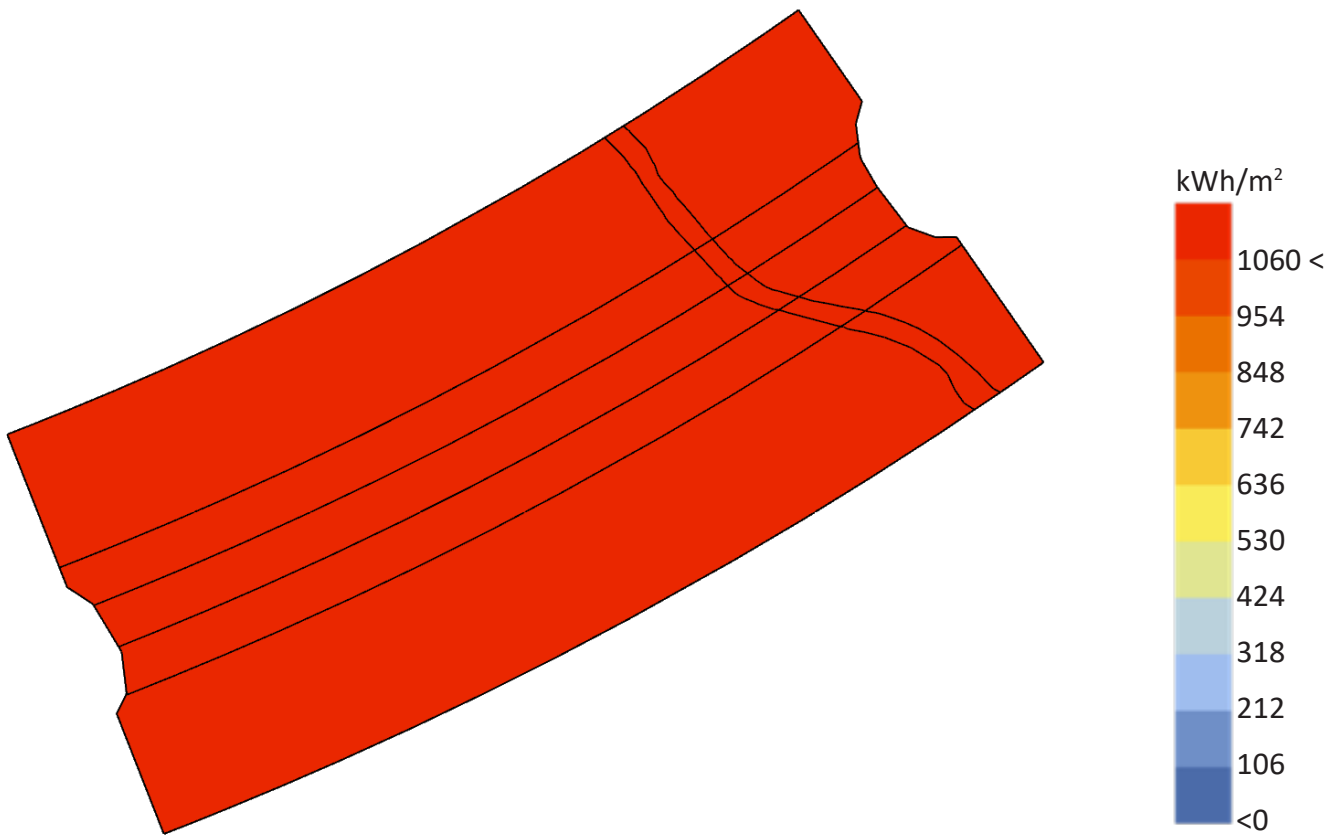
Appendix B

Solar Radiation Assessment

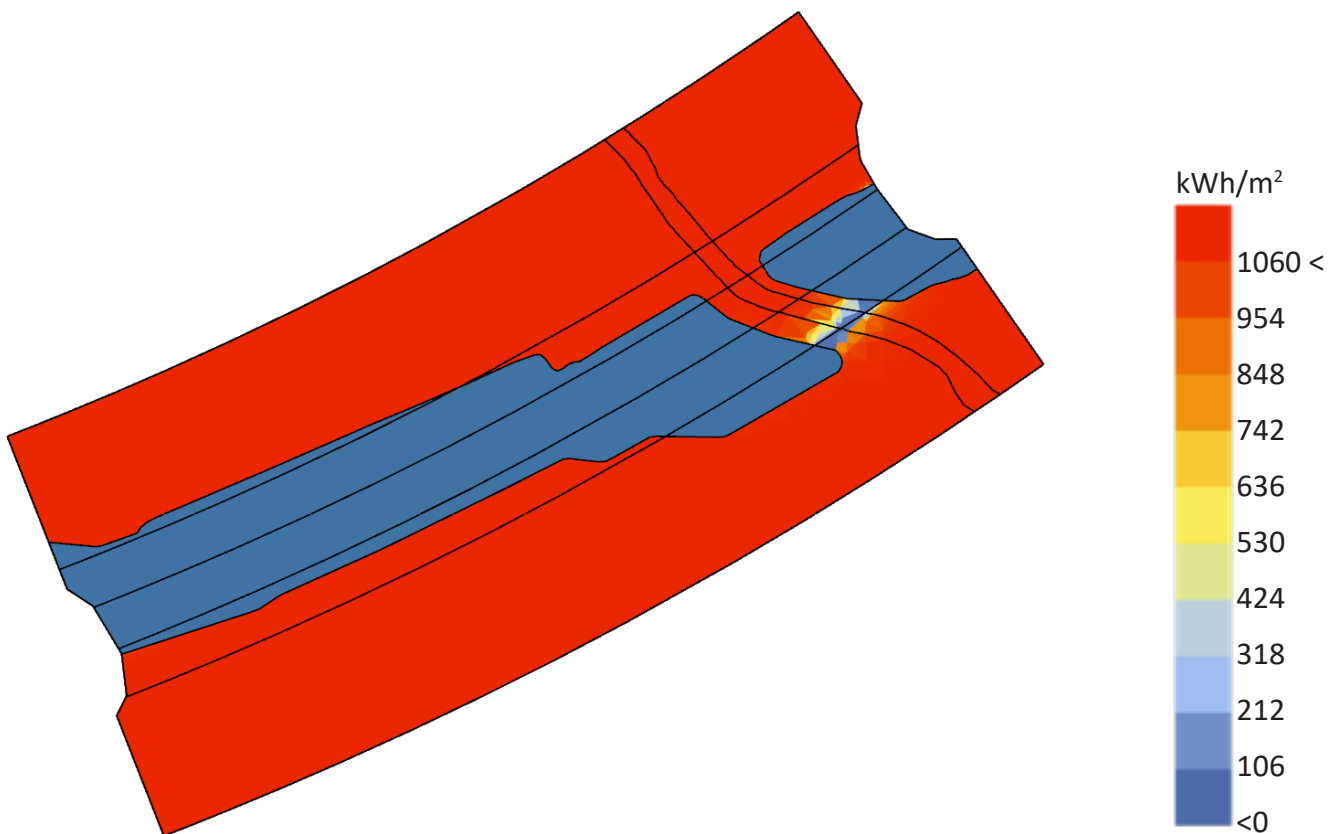


B.1 Seasonal Results

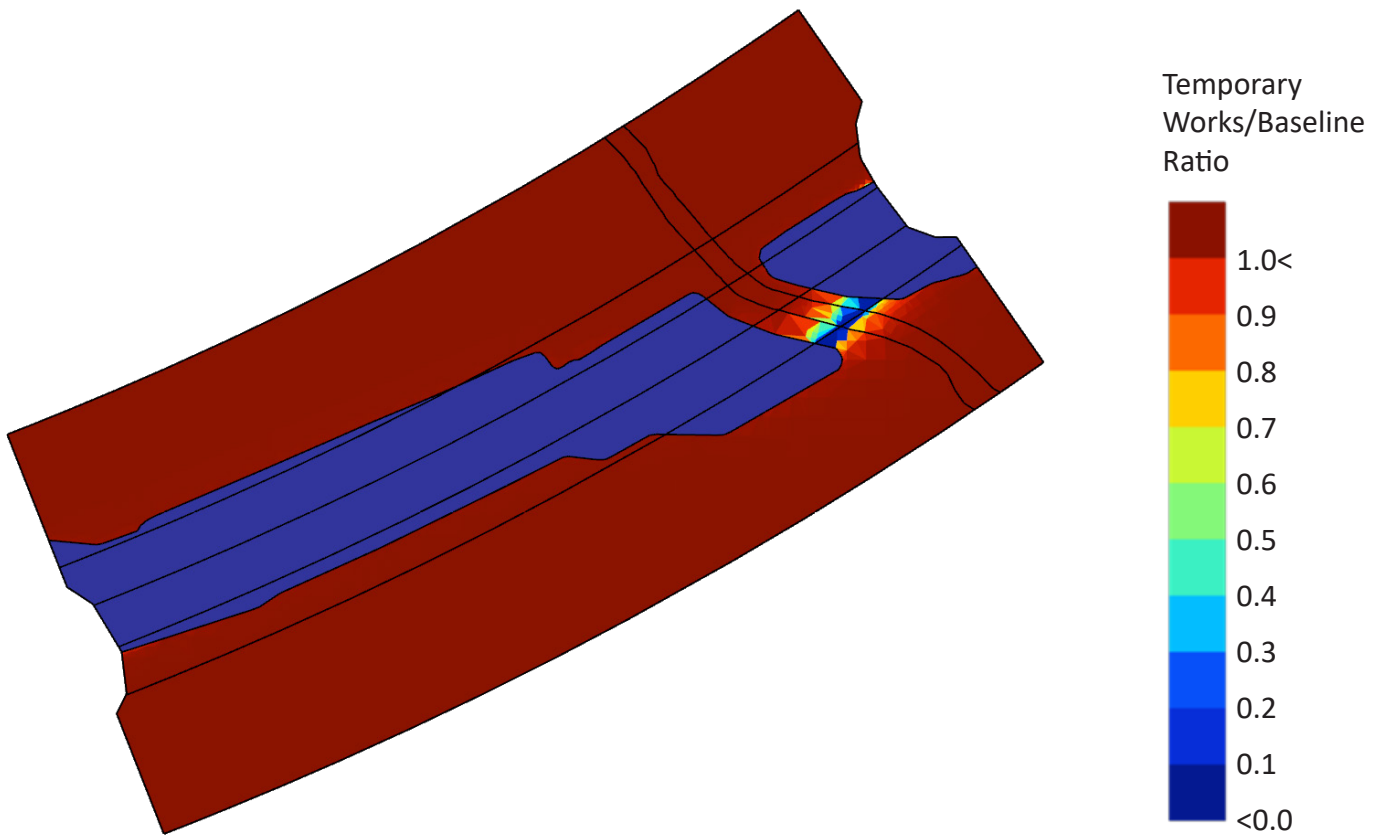
Baseline Scenario



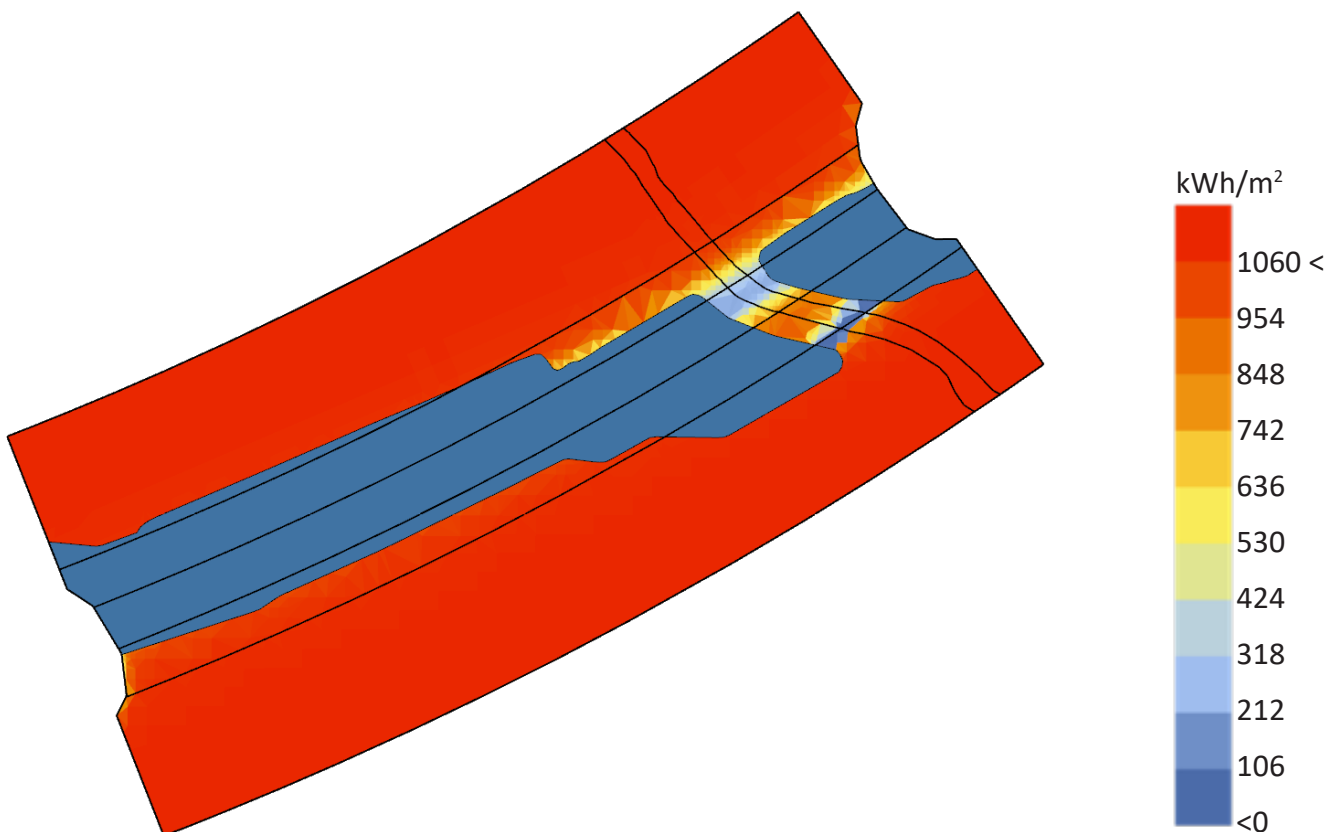
Temporary Works Scenario



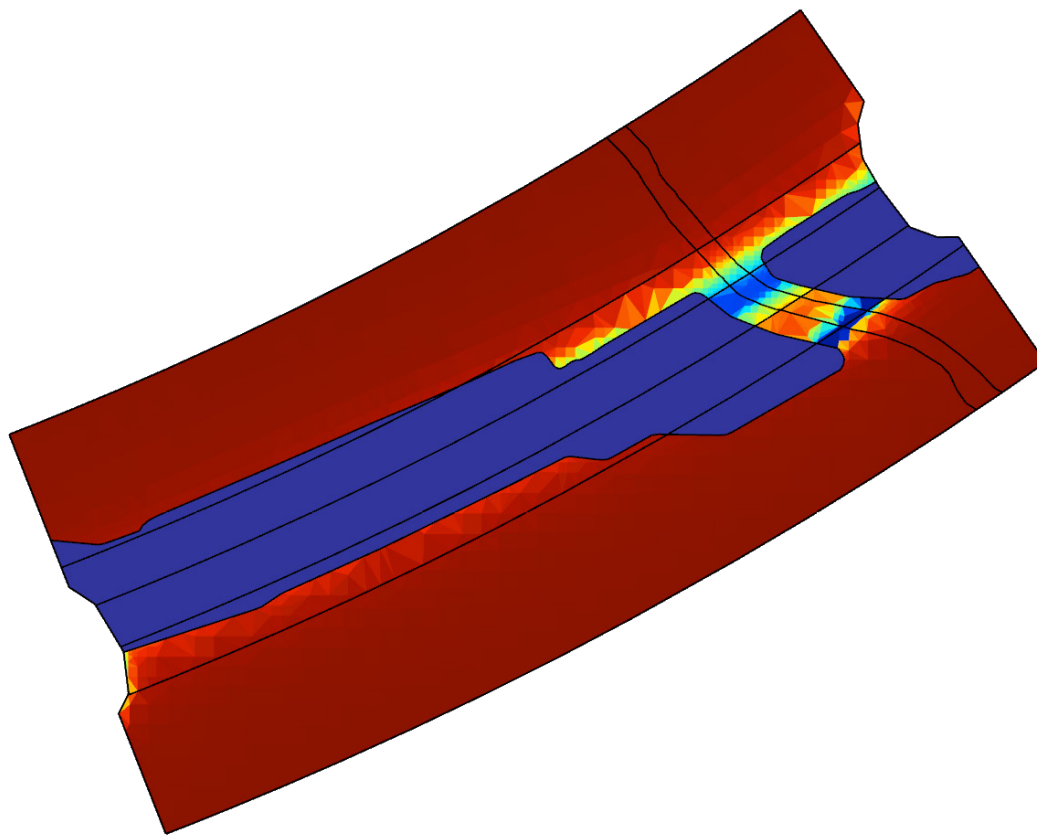
Temporary Works to Baseline Ratio



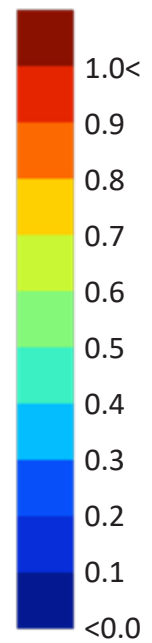
Temporary Works & Permanent Structure Scenario



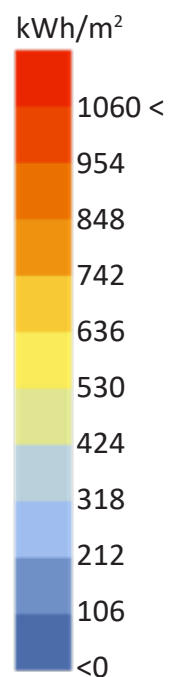
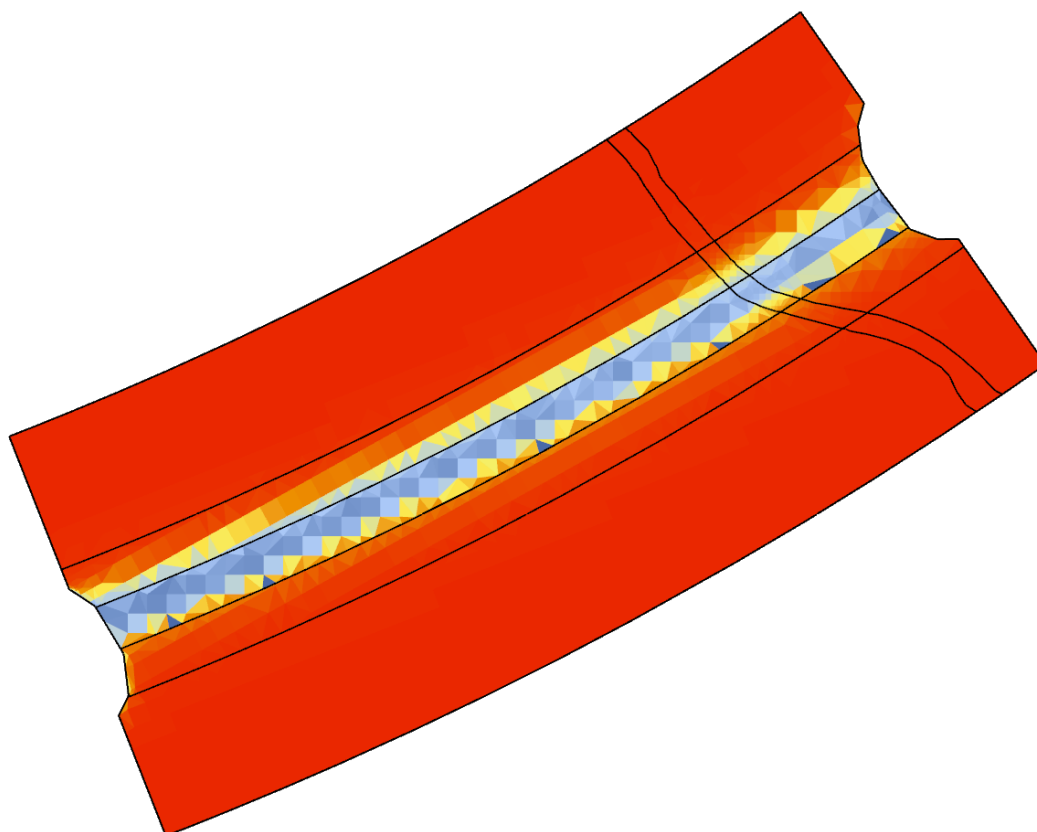
Temporary Works & Permanent Structure to Baseline Ratio



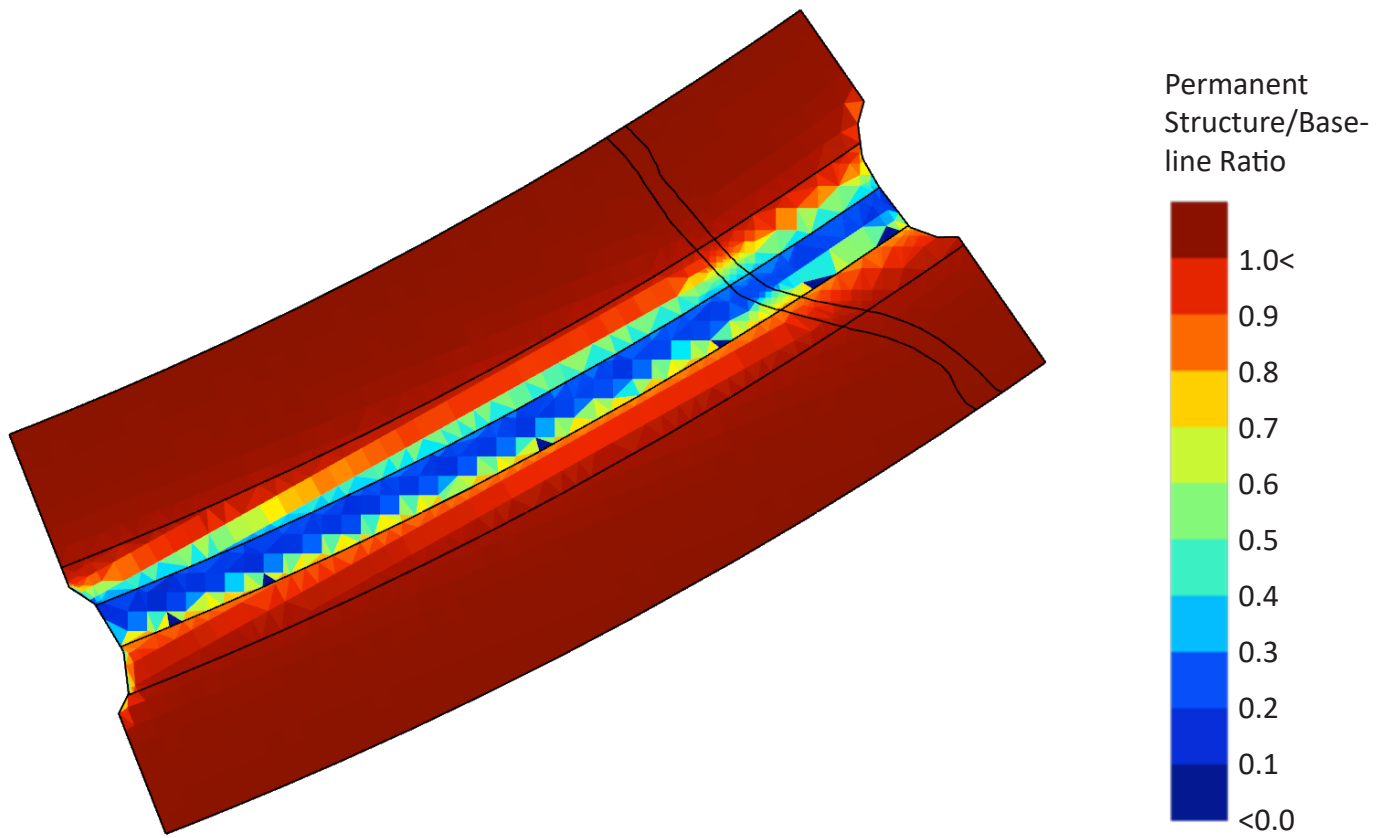
Temporary Works & Permanent Structure/
Baseline Ratio



Permanent Structure Scenario

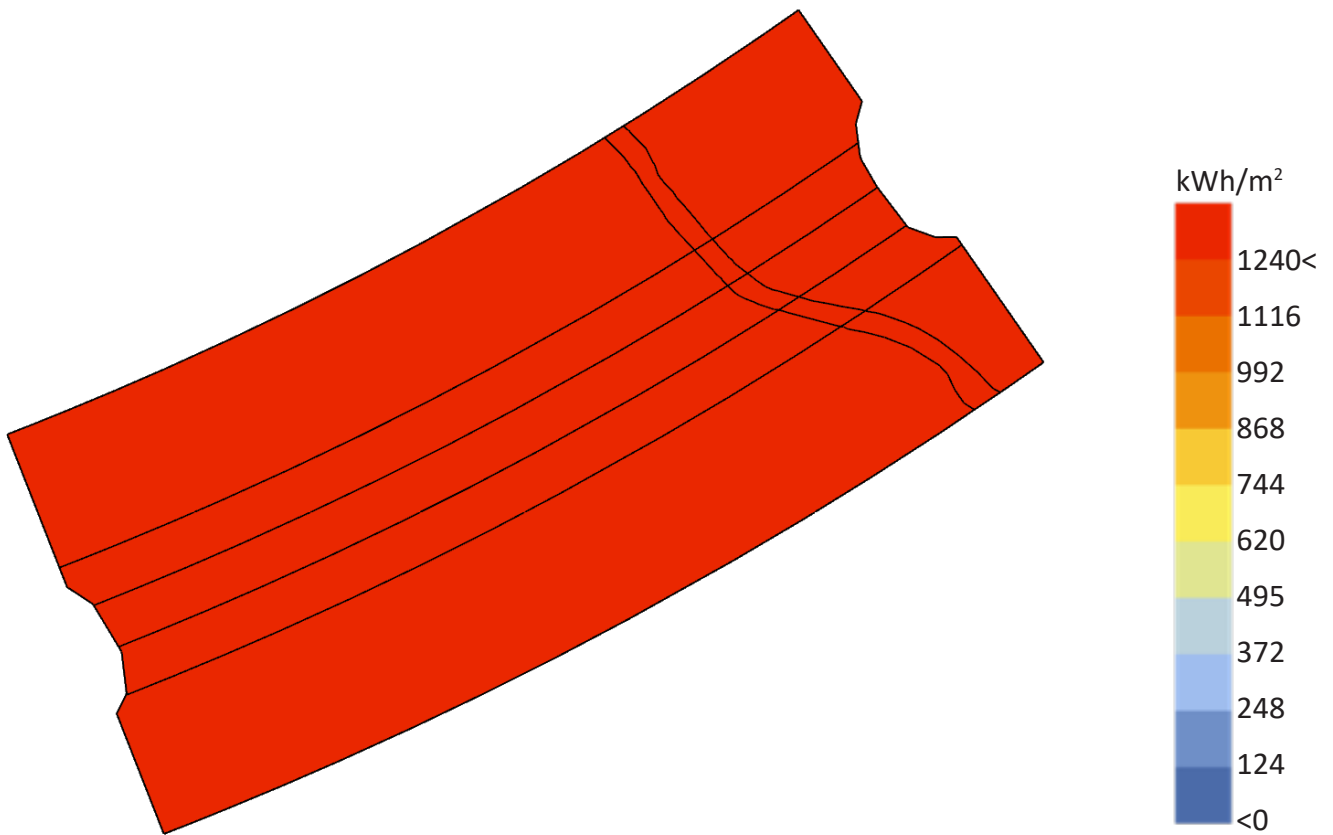


Permanent Structure to Baseline Ratio

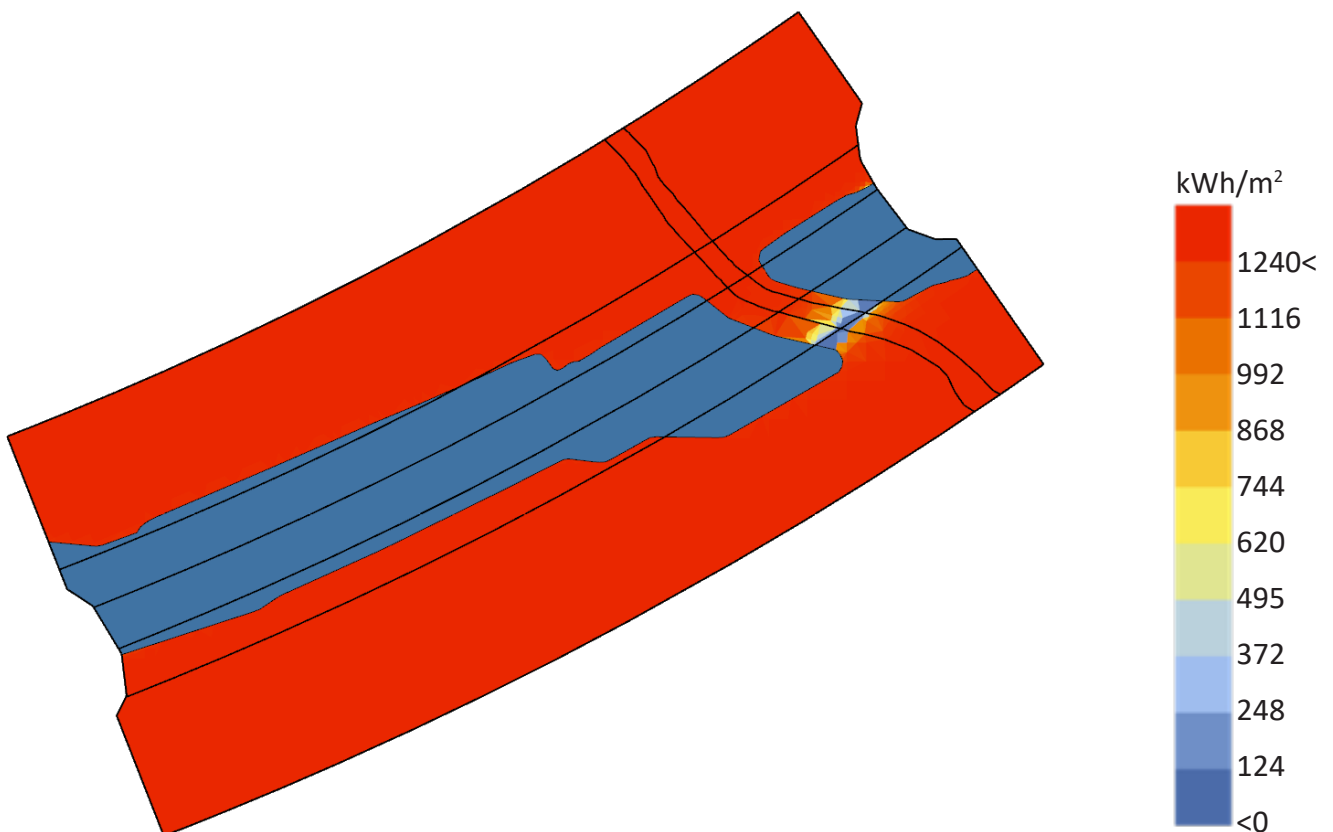


B.2 Annual Results

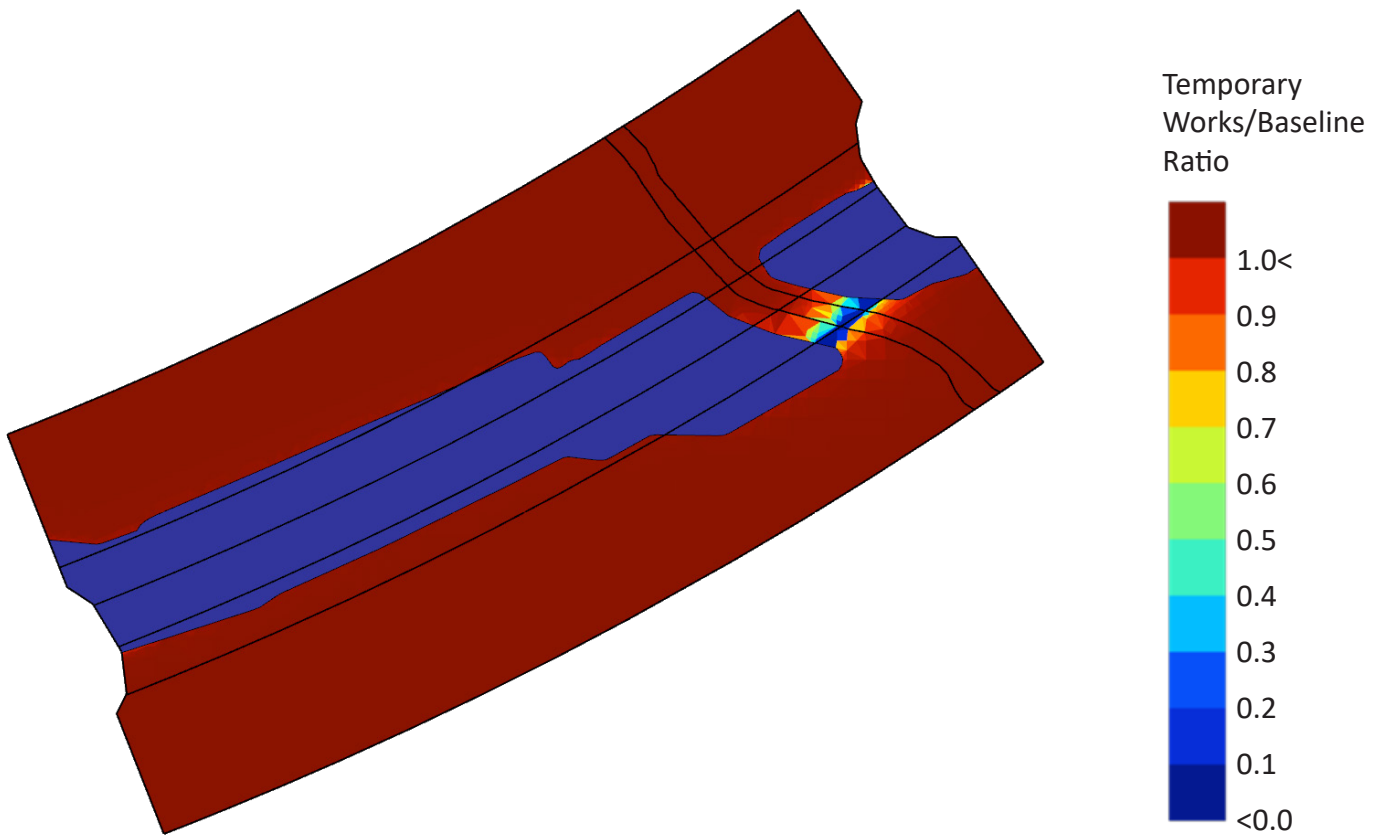
Baseline Scenario



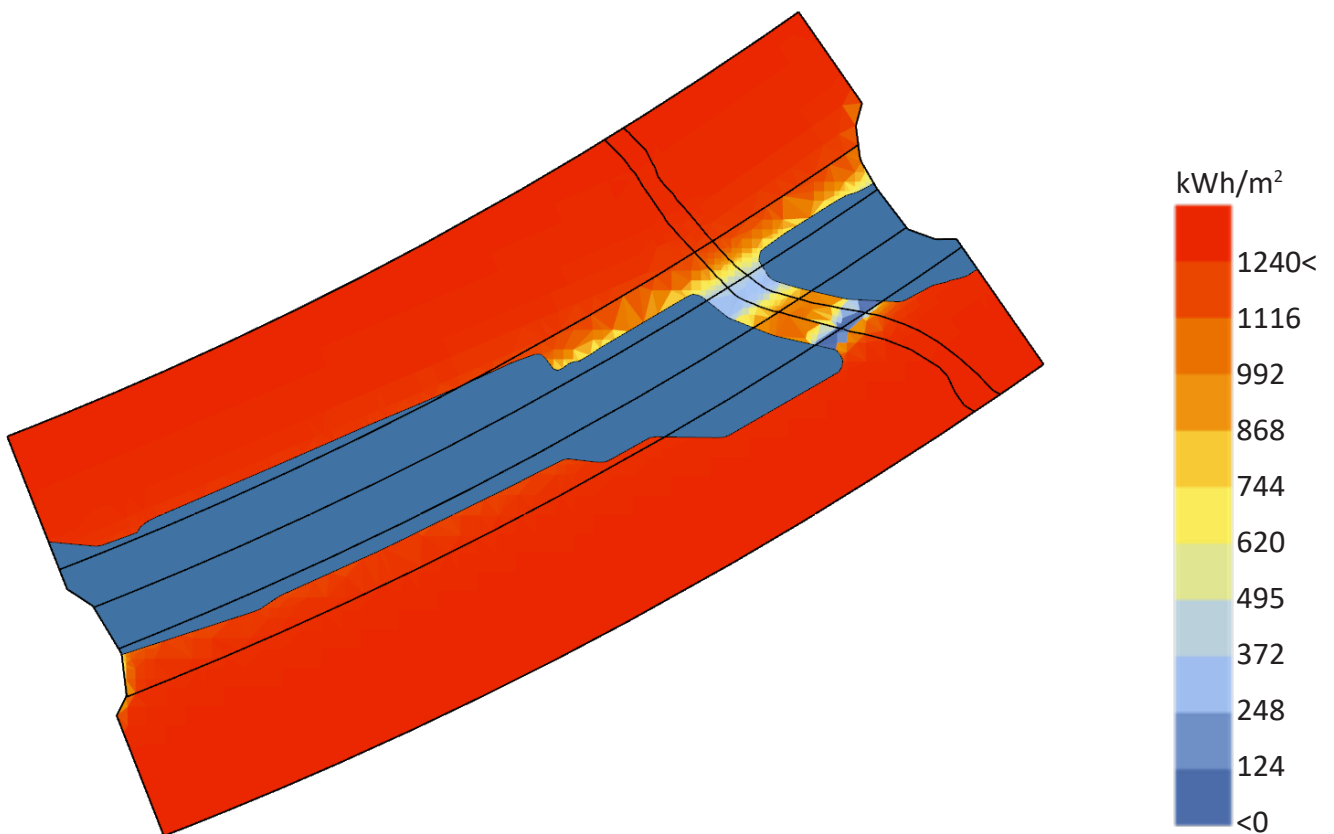
Temporary Works Scenario



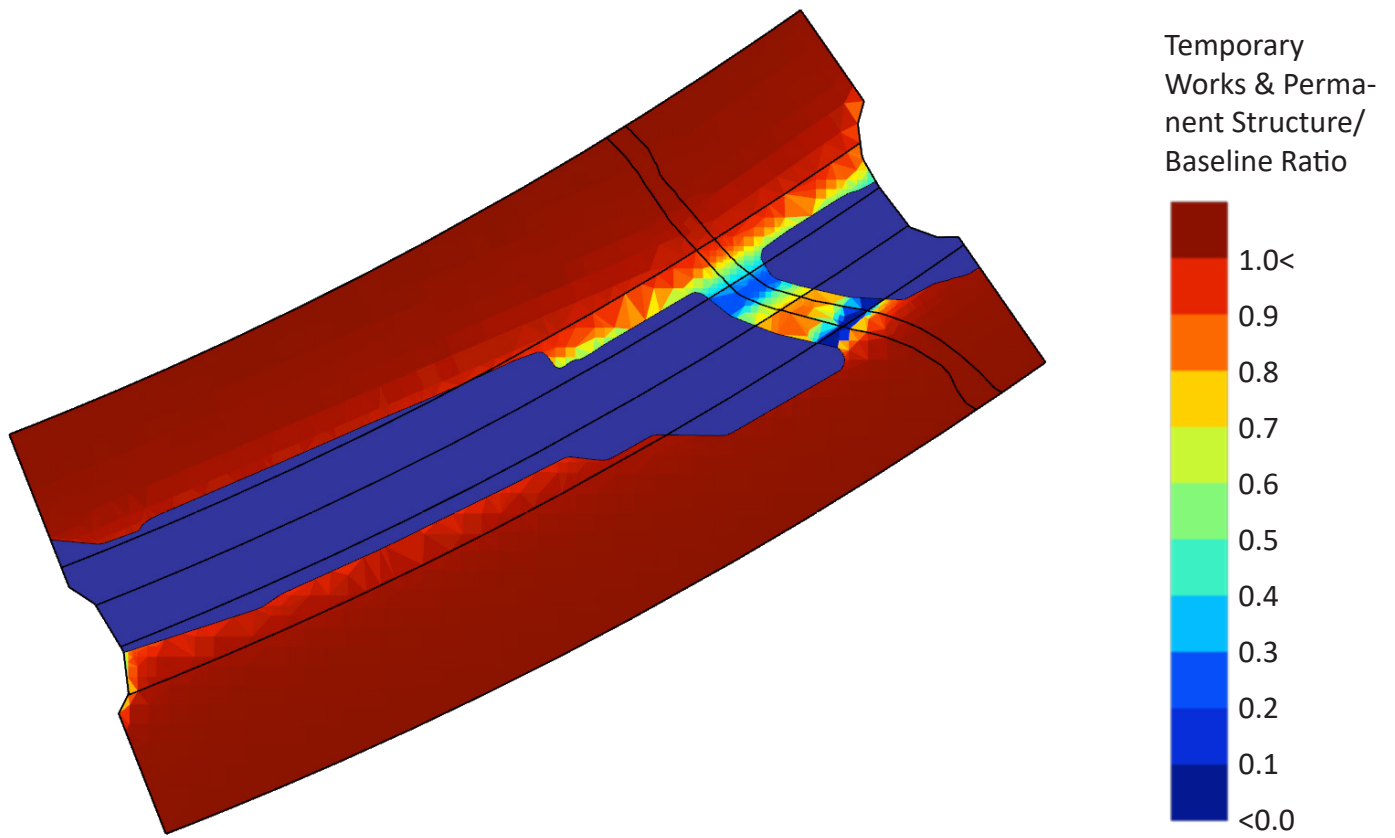
Temporary Works to Baseline Ratio



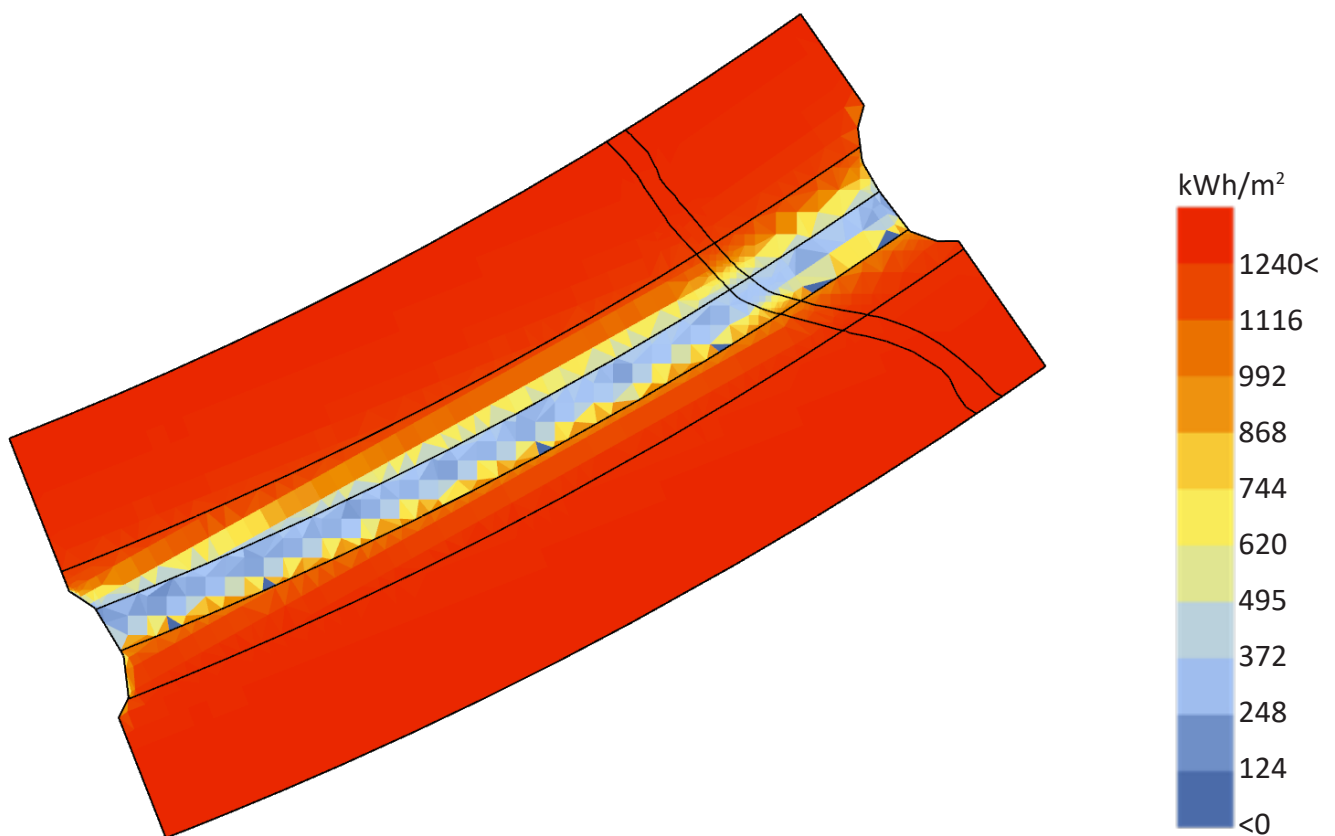
Temporary Works & Permanent Structure Scenario



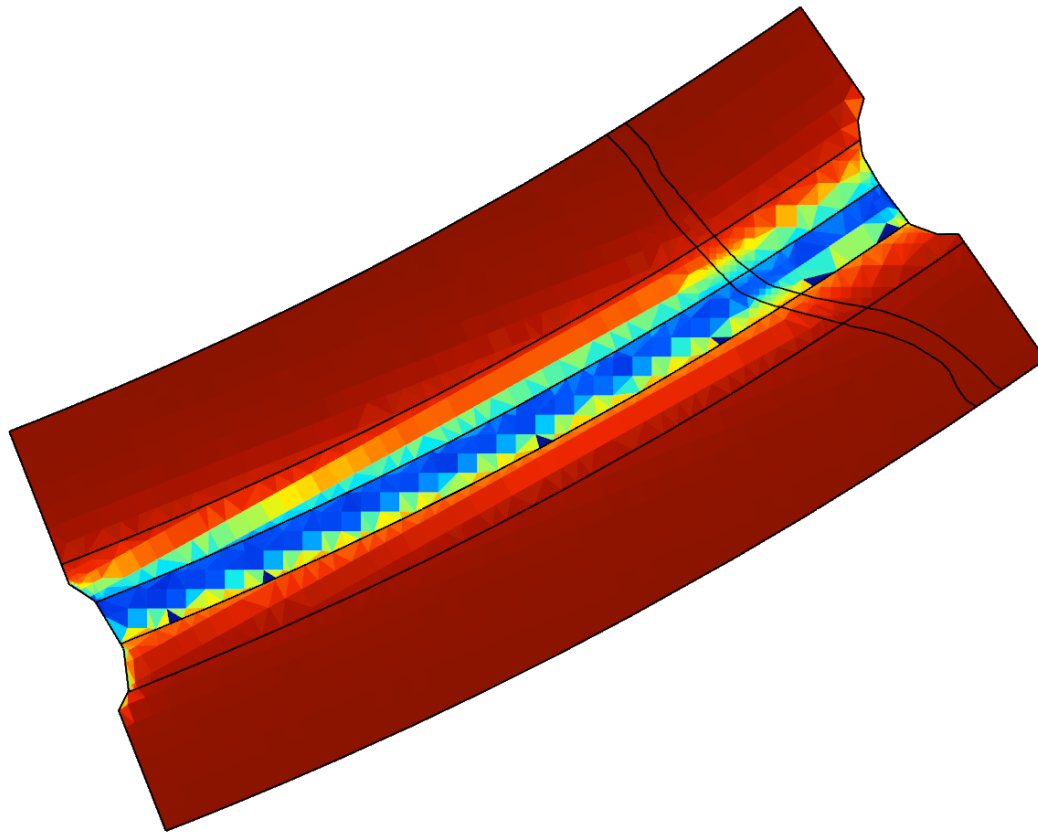
Temporary Works & Permanent Structure to Baseline Ratio



Permanent Structure Scenario



Permanent Structure to Baseline Ratio



Permanent Structure/Baseline Ratio

