

# DCSmart

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# 1 Executive Summary

This document presents the results obtained ...

## 2 Introduction

**3 AC vs DC Grids: Capacity Enhancement**

**4 DC Stability and Congestion Management**

**5 DC Safety: Protection in LVDC Street Light**

**6 DC House: Fault Ride through and Island Operation**



**7 DC Flexibility and Robustness: Novel Devices**

**8 Market Opportunities with DC**

**9 Energy Pockets in Amsterdam**

**10 Summary and Recommendations**