{{study\_name}}

{{author}}

{{date}}

# Abstract

{{abstract}}

# Introduction

{{introduction}}

{{ cad\_model }}

# Results

{{ plot }}

## Performance Metrics

The key performance indicators are as follows:

\* Average Flow Rate: {{ avg\_flow\_rate | round(2) }} m³/s

\* Maximum Efficiency: {{ max\_efficiency | round(2) }}%

\* Calculated Power Output: {{ power\_output | round(2) }} kW

{{interpretation}}

# Discussion

{{discussion}}

Conclusion  
{{conclusion}}