

## Highlights

### **This is a Title**

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- Computational Fluid Dynamics capture trend of boiler heat uptake at reduced loads.
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## ABSTRACT

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1. Introduction
  2. Mathematical Model
    - 2.1. Artificial neural networks
    - 2.2. Mixture density networks
  3. Case study boiler configuration
  4. Model development
    - 4.1. Hyper parameter tuning
  5. Results and discussion
  6. Conclusion

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