Highlights

This is a Title

B.T. Rawlins, Ryno Laubscher, Pieter Rousseau

- Computational Fluid Dynamics capture trend of boiler heat uptake at reduced loads.
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ARTICLE INFO

Keywords:

Mixture density model Steady State

ABSTRACT

ss fhvosjv sfjvnsfklnvjksfn skfnvkpsfn sjkvnsf skfnv ksfvn;sfv,

- 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

CRediT authorship contribution statement

B.T. Rawlins: Methodology, Software, Validation, Formal analysis, Investigation, Writing original draft, Visualization.. **Ryno Laubscher:** Writing review & editing, Methodology, Resources, Conceptualization.. **Pieter Rousseau:** Writing review & editing, Resources, Conceptualization.

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