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Interdisciplinary Research Center for Renewable Energy and Power Systems (IRC-REPS)
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Executive Summary

Energy engineer with more than 5 years experience in the field of energy efficiency and management. Involved in conducting over 15 energy auditing and assessments of industrial facilities and buildings. Has excelled in:

- ✓ Investigating energy efficiency concepts and their impacts on human comfort and environmental sustainability
- ✓ Performing measurements and energy benchmarking
- ✓ Identifying and exploring energy saving opportunities.
- ✓ Carrying out energy modeling and simulations
- ✓ Recommending potential energy efficiency Measures
- ✓ Promoting new energy solutions and technologies

Education

- M.Sc. Architectural Engineering (KFUPM, 2017)
- B. Tech. Architecture (ATBU Bauchi, 2012)

Distinguished Projects

- Energy Efficiency Improvement in KFUPM Mosques
- Energy Auditing and Assessment of 7 KFUPM Mosques
- ASHRAE Level-II Energy Audit for Saudi Steel Pipe Company
- Energy Audit for Dammam Feed Mill (DFM) of Arabian Agricultural Services Company (ARASCO)
- ASHRAE level-II Energy Audit for a KFUPM School.
- ASHRAE Level-II Energy Auditing of a KFUPM Academic Building

Research Summary

- Number of Published Papers **1**
- Citations
- H-Index
- Number of Patents
- Books etc.

Award and Recognitions

Skills and Expertise

- Quantitative and qualitative analytical research on energy efficiency concepts and related aspects.
- Capable of undertaking structured literature review on energy efficiency, energy conservation, energy management, and related concepts.
- Energy efficiency data collection and analysis.
- Writing of reports and other similar material