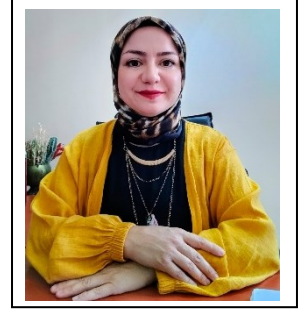


ICRERA 2025

**14th INTERNATIONAL CONFERENCE ON RENEWABLE
ENERGY RESEARCH AND APPLICATIONS**

Asst. Prof. Dr. Seda KUL

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Paper ID : 305

Paper Title : Performance Evaluation of Grid-Connected PV Systems Under Variable Tilt Angles: A Case Study in Karaman Industrial Zone, Türkiye

Bio :

Dr. Seda Kul is an Assistant Professor in the Department of Electrical and Electronics Engineering at Karamanoğlu Mehmetbey University. She received her Ph.D. (2022) from Gazi University and her M.Sc. (2015) and B.S. (2011) from Selçuk University; her doctoral research focused on efficiency optimization of dry-type transformers through design-variable-based modeling. Her primary research interests include transformer design and optimization, electrical machines, magnetostriction, renewable-energy applications, and data-driven/FEA-based analysis of losses, thermal behavior, and power quality.

Dr. Kul has served as a Researcher at Cardiff University (2019–2020). She also leads and contributes to funded projects on low-frequency transformer sizing with power-electronics modeling and power-quality enhancement in rectifiers for water electrolysis. She is an IEEE member (including IAS, PES).