Ramzy R. Obaid, *Ph.D.*

Associate Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

Degree	*Field of Study*	*Institution*	*Year*
Ph.D.	Electrical Engineering	Georgia Institute of Technology	2003
MS	Industrial Engineering	Georgia Institute of Technology	1999
MS	Electrical Engineering	Georgia Institute of Technology	1998
BS	Electrical Engineering	King Abdulaziz University	1992

Academic Experience

From	*To*	*Institution*	*Rank*	*Title*	*Full or Part Time*
2011	present	King Abdulaziz University	Associate Professor		Full time
2003	2011	King Abdulaziz University	Assistant Professor		Full time

Non-Academic Experience *(Including Consultations)*

Consultant for King Abdullah City for Atomic and Renewable Energy (KACARE) for outlining the Training Curriculum of Solar PV System Design and Installation Programs in the Kingdom of Saudi Arabia. 2018.

Consultant for the King Abdullah Expansion Project for the Prophet Mosque in Madinah, Saudi Arabia. Helping in reviewing designs of electrical systems in the project and incorporating renewable energy applications. Oct. 2013– Dec. 2017.

Honors and Awards

Medal of Quality from the Saudi Electricity Company for the contribution at the 15th Quality Exhibition: Creativity Oasis, with an innovative photovoltaic project, February, 2012.

WIPO Creativity Award from the World Intellectual Property Organization, in Geneva, Switzerland, May 2010.

Academic Spotlight Award, ECE School, Georgia Tech, April 2005.

Principal Publications/Presentations from the Past Five Years

R. R. Obaid, “Residential Rooftop PVs, the Most Suitable PV Application for the GCC,” (under publication).

R. R. Obaid, “Assessment of a Single Wind Turbine Installation West of Madinah, Saudi Arabia,” (under publication).

R. R. Obaid, “Seven-years Operation of the First Energy Efficient Villa in Saudi Arabia,” (under publication).

R. R. Obaid, “Seven-years Operation of the First Residential Rooftop PV Canopy in Saudi Arabia,” (under publication).

R. R. Obaid, “Seasonal-Water Dams: A Great Potential for Hydropower Generation in Saudi Arabia.” International Journal of Sustainable Water and Environmental Systems. June 2015. Vol. 8, No. 1, pp. 1-7.

S. M. Bamasak and R. R. Obaid, “Tuning of SVC & statcom-based controllers using (DE) algorithm for power system oscillation damping.” Proceedings of the IEEE Saudi Arabia Smart Grid Conference (SASG) December 2014, pp. 1-6.

Recent Professional Development Activities (*Workshops, Trainings etc.)*

Training Course at King Abdullah City for Atomic and Renewable Energy (KACARE) on Solar PV System Design and Installation in the Kingdom of Saudi Arabia. 2018.