##  **Grad Student Theses and Project Reports**

**Dec 2009** “PV Powered DC Fan for Developing countries (Lahore, Pakistan)”, ENEL 669, Kamran Malik, Muhammad Imran, Junaid ul Haque & Syed Azhar Iqbal

Dec 2009 “Design of Wind Power WLED Lighting System for Coastal Area Village of Pakistan”, ENEL 669, Muhammad Amer Rafiq, Athar Siraj, Naseer Mahmood & Muhammad Athar Siddiq

Dec 2009 “Thermo Electric Generation (TEG) for SSL System”, ENEL 669, Raed Altayawi, Kittinu Muayteng, Ibrahim Aljamaan

Dec 2009 “Pico Wind Turbine & Compressed Air Energy Storage”, ENEL 669, Ali Imtiaz, Vajiha Javed, Mina Kashani & Annu Alphia

Dec 2009 “PV Powered DC Fan for Developing World”, ENEL 669, Amin Farshidi

Dec 2009 “Thermoelectric Generators for Solid State Lighting”, ENEL 669, Arif AL Judi, Dyaa Jwad & Yekthan Hussain

Dec 2009 “Renewable Energy & Solid State Lighting for Developing World”, ENEL 669, Faiyaz Syed, Abdul Rauf, Tahir Naqash & Shahid Ahmad

Dec 2009 “Pico Wind Generator Constructed from Unwanted Personal Computer Components”, ENEL 669, Ken Anderson, Darko Stelkic & Humam Tamimi

Dec 2009 “Design & Implementation of a Replaceable LED Bulb with Excellent Thermal Cooling”, ENEL 669, Lu Lin, Zhaojun Shi & Jun Qi

Dec 2009 “PV Power DC Fan for Developing Countries (Pakistan)”, ENEL 669, Mohammed Imran, Junaid Ul Haque, Kamran Malick & Syed Azhar Iqbal

Dec 2009 “Design of Wind Power WLED Lighting System for Coastal Area Village of Pakistan”, ENEL 669, Muhammad Amer Rafiq, Athar Siraj, Naser Mahmood & Muhammad Athar Siddiq

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Dec 2009 “Renewable Energy Situation in Bangladesh”, ENEL 669, Reaz Khan, Omar Sharif, Sabbir Zahed & Syed Noman

Dec 2009 “Thermal Cooling of SSL (Solid State Lighting) Batteries”, ENEL 669, Sanjeevan Solankurkar, Syed Saad Alam & Rina Rao

Dec 2009 “Geothermal Power for Lighting a Small Village”, ENEL 669, Saurabh S. Soman & Felix

 Vincent

Dec 2009 “PV Powered DC Fan in the Developing World”, ENEL 669, Harmeen Bedi, Chukwuemeka Ihekwoaba & Subeg Gill

Dec 2009 “Renewable Energy and SSL For the Developing World”, ENEL 669, Todd Freeborn & Russell Bandura

Dec 2009 “Wind Power Lighting Project for Small Vicinity in Pasni, Pakistan”, ENEL 669, Zahid Khan, Irfan Virk & Mazhar

**Dec 2008** “Renewable Energy Powered LED Projector for Developing World”, ENEL 619.52 , Ling Ran & Hui Niu

Dec 2008 “Design and Analysis of PV Powered Cooling Fan for Africa”, ENEL 619.52, Jamal Seede,

 Amir Ahmed Khan & Muhammad Azam Qureshi

Dec 2008 “Building a Pico Wind Turbine for Energy & Lighting for the Developing World”, ENEL 619.52, Daniel Way & Iman Omar

Dec 2008 “Design & Implementation of a Motion Sensor Activated SSL with Timed Progressive

 Dimming”, ENEL 619.52 , Joel Minski & Zhigang Zhang

Dec 2008 “Design & Implementation of a Motion Sensor Activated SSL with Timed Progressive

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 Aner

Dec 2008 “Ultraviolet Disinfection of Water for Rural Environments Powered by Photovoltaic Modules”, ENEL 619.52, Kuljeet Singh Dhillow, Harish Pandey & Anwar Biswas

Dec 2008 “Mini - Hydro Turbine System for SSL in Rural Pakistan”, ENEL 619.52, Muhammad Athar Siddiq

Dec 2008 “Recovering Wasted Energy in Biomass Stove Using Thermo Electric Generator for SSL in Developing Regions”, ENEL 619.52, Nacer Benaifa & Siamak Zand

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 USA

March 2008 LUTW – “Commercial Solid State Lighting Design for LUTW”, EVDS 685 Design

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**Masters Thesis**, Vicky Lammens, Eindhoven University of Technology, The Netherlands.

**Dec 2007** LUTW – “A Pico-Hydro Design for The A.O. Wheeler Hut in the Canadian Rockies”, ENEL 619.52, University of Calgary, Mike Reynen.

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## Sept 2006 LUTW – “Biomass Energy for Rural Electrification: An Analysis of Small Scale

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## April 2006 LUTW – “Design and Testing of a Hybrid Flame/LED Lantern”, Rashaad Sader, **MSc Thesis**, University of Calgary, Canada.

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