

International Conference on Renewable Energy Technologies and Applications (RETA'16)

Date: March 5-6, 2016,

Location: Istanbul WOW Hotel, Istanbul, Turkey

AUDITORIUM

11:15 // Welcome

11:30 // Registration

12:30 // Break for lunch

13:30 // Session 1, Oral Presentations (10 min / presentation)

Analytical Studies in Energy Storage: A Systematic Review
Emrah Erdem Ufluoğlu, Gülgün Kayakutlu

Analysis of Elliptical Reflector Surfaces of Power LED Luminaires In Terms of Output Light Efficiency
Ömer Faruk Farsakoğlu, Tuğba Beggi

The Potential of the PV Solar Energy on Kilis via an SEC Application
Mustafa Nalbantoğlu, Ali Ziya Yapıcıoğlu, İlhan Karabulut

Climate Change Adaptation at Power Plants in Turkey
Wietze Lise

Determining of the Electric Power Needed at Irrigation Systems with Solar Cell
Tayfun Korucu, Ahmet Dünder, Şaban Yılmaz

Electrical Energy Production from Solar Energy and The Potential of Solar Energy in Kilis
Ömer Faruk Farsakoğlu, İbrahim Çelik, Habip Yusuf Hasırcı

An Assessment of the Impact of Soiling on System Efficiency in Electricity Generation from Solar Energy
İpek Atik, Ömer Faruk Farsakoğlu

Reflector Design in Lighting System with Solar Panel
Ömer Faruk Farsakoğlu, İpek Atik, Nurdal Watsuji

15:00 // Break time

15:30 // Session 2, Oral Presentations (10 min / presentation)

Energy Supply in a Building via a Photovoltaic-Thermal Power System
Hasan Riza Ozcalik, Erdal Kilic, Sami Sit, Saban Yilmaz

The Design of Coordinate Based Solar Tracking System
Sabir Rüstemli, Zeki İlcihan

Designing and Cost Analysis of 10 kWp Fresnel Parabolic Trough Collector with Optimum Efficient in Istanbul Conditions
Yavuz Selim İşler, Şaban Yılmaz, Metin Salihmuhsin

3 kWp Optimized Efficiency Type Linear Fresnel Solar Collector Design and Cost Analysis in Bitlis, Turkey
Şaban Yılmaz

Evaluation of Boiler and Turbine Performance with Using Energy and Exergy Analysis
Celebi Karapınar, Mehmet Yılmaz, Bülent Gedik

Benefiting from Ground Heat for Heating and Cooling
Bülent Gedik, Celebi Karapınar

New Metamaterial Absorber Comprised of Patch Resonator for PV Cells
Mehmet Pasa Ustunsoy, Cumali Sabah

Solar Energy Power Plant Performance Analysis of Bitlis Adilcevaz Municipality
Furkan Dincer

Design and Cost Analysis of 2 kWp Optimum Efficient Parabolic Trough Solar Collector in Kilis, Turkey
Mehmet Beklergöl, Sinan Kivrak, Furkan Dincer

16:45 // Closing