## Paper Template

## **Paper Title**

Author’s Name

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Abstract - This paper initial on the solar parabolic trough collectors, …

Keywords: solar energy, …

# **Solar collector technology brief**

Solar energy power generation mainly have two category, for a photovoltaic power generation.

# 1.1 Parabolic tough solar collectors

Parabolic through solar collectors mainly consist by the parabolic mirror, truss system-metal structure,



Figure 1 LS - 3 parabolic trough solar collectors [4]

Solar collector components, whether parabolic trough or Fresnel light reflector (CLFR), the collector is a group of a group into a parallel connected, a one another in accordance with certain requirements each other in series connecting .



Figure 2 solar collectors heat internal fluid flow chart

# **2.**  **Solar collectors on power plants**

# 2.1 Parabolic trough solar collector plant Overview

## **3. China integration of solar energy /Coal-fired power plant market**

……….

# **Conclusions**

This article is only the entry of solar thermal power generation and guidance only.

References

[1] Dr.Stefan Bockamp etc., Solar Thermal Power Generation

[2] Alstom supplies integrated solar/CC project in Morocco pp.8-10 Vol.152 No.1 2008 POWER

[3] Graham L. Morrison1 etc., Solar Thermal Power Systems – Stanwell Power Station Project4

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