



# Noble Energy Solar Technologies Ltd.



AISHWARYA Solar Lantern ®



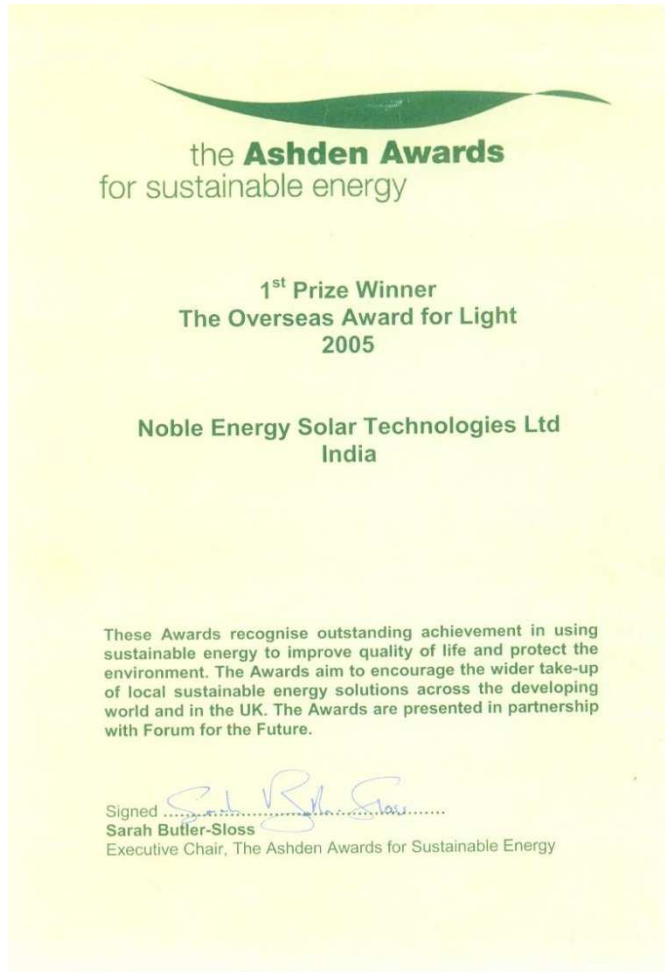
AISHWARYA-WOW LED Solar Lantern ®



NEST Street Lighting Systems

# NEST Solar Products

- Internationally recognized for AISHWARYA® Solar Lantern



Founder D.T Barki with Prince Charles, receiving the ASHDEN Light Award (“Green Oscar”) in London.

# NEST Solar Products

- Domestically recognized by New Ventures India (NVI) as a fast-growing leader in the Industry



# NEST Solar Products

- Chosen by Mitsubishi for a CSR street lighting system project in India



The CSR project inaugural ceremony; featuring Mikio Sasaki San (2<sup>nd</sup> from left ) (Group Chairman, Mitsubishi Corp, Japan) Prof MS Swaminathan (3<sup>rd</sup> from left, Chariman MSSRF) & Mr. DT Barki (Chairman NEST)



Installed systems: 200  
Area of installation: Koraput, Orissa  
Recipient: MSSRF  
AMC validity: 3 years  
1<sup>st</sup> Year AMC: Successfully Completed  
Systems last checked: January 2010

# NEST Solar Products

- Price Competitive – **GTZ Price-to-Performance Winner**



Aishwarya Tested by  
PVGAP-World Bank



Featured in the bestselling book  
**“The Clean Tech Revolution”**

AISHWARYA® solar mini lamp has the prime distinction of being voted as the price-to-performance winner amongst 12 solar lantern models manufactured across Germany, UK, China, India & South Africa, in a publication brought out by GTZ, a German Technical Cooperation in technical collaboration with the internationally reputed Fraunhofer Institute for Solar Energy (FISE) and on behalf of the Federal Ministry for Economic Cooperation & Development, Germany.

# AISHWARYA- WOW ® LED Solar Lantern

- Next-generation LED solar lantern – Aishwarya-WOW, with unique LED assembly technology



NEST breakthrough LED Lantern with (US Patent) for 360 degree filament



This is the picture of commonly available LED clusters with dark-streaks all-around

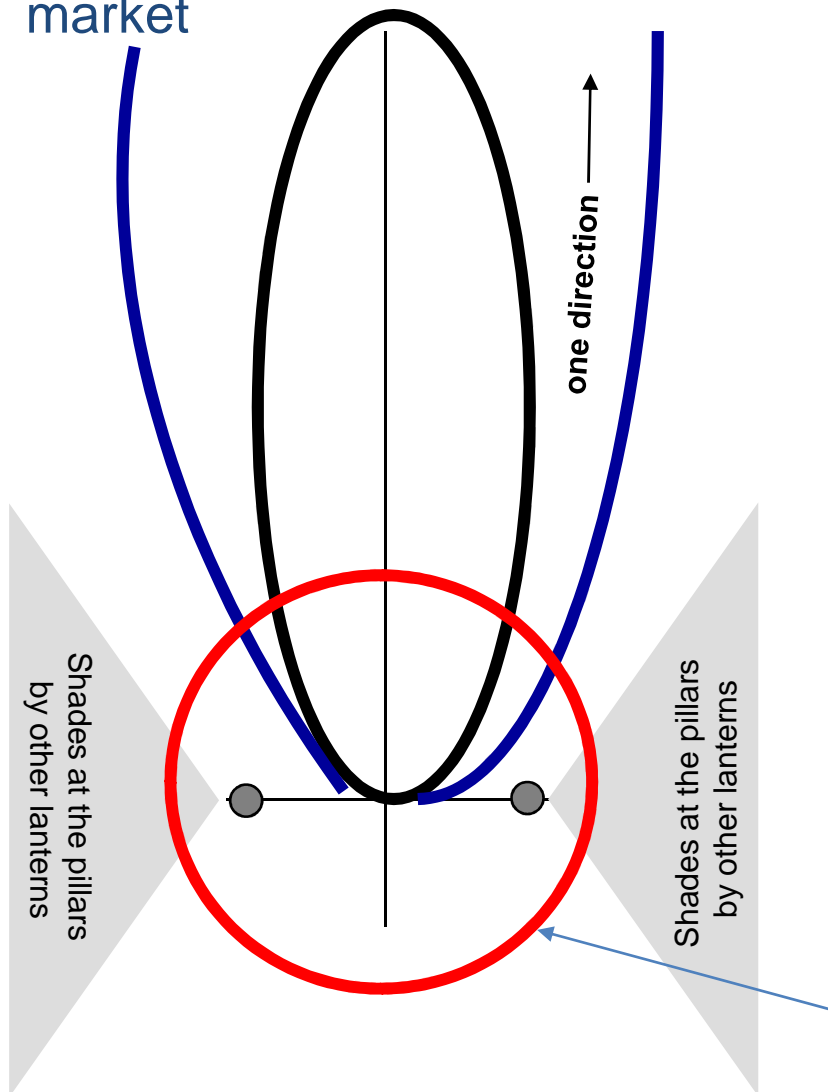


**Soothing, truly 360 deg uniform LED filament with US patent NEST-NurturEnergy, USA**

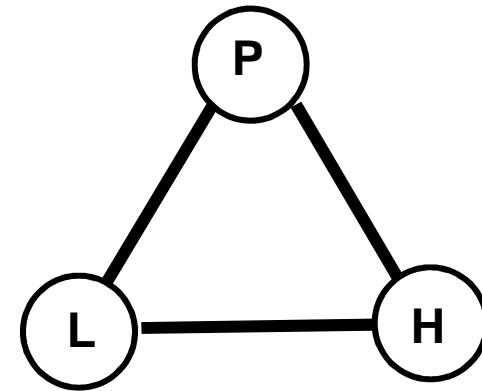
The difference between commonly available LED Clusters and NEST's patented LED Filament (US Patent)

# AISHWARYA- WOW™ LED Solar Lantern

- Is the most price efficient and high quality product available in the market



## Lux Distribution Perform. Triangle Criterion



L= Light H= Hrs P= Price

### The Performance Index

Most lanterns lack meeting the performance triangle criteria: Light-Hrs-Price, while AISHWARYA-WOW™ meets all the criteria

Aishwarya LED solar lamp renders perfect 360 degree uniform and soothing light with more life as compared with other LED lanterns, which provide unidirectional or non-uniform light distribution

# AISHWARYA- WOW <sup>TM</sup> LED Solar Lantern

- NEST AISHWARYA-WOW vs. Immediate Competitors

	NEST	MIC	MIGHTY/ INTELIZON	D.LIGHT	THRIVE	SELCO
Min of 5 hrs of operation with bright mode	Yes	Yes	No	No	No	No
Soothing light (preferred ambient lighting)	Yes	No	No	No	No	No
Cool Tj (Jn.Temp) (Avoids the need for unreliable heat-sink)	Yes	No	No	No	No	No
5 yrs. Perform. Guarantee	Yes	No	No	No	No	No
360 deg. uniformity (absence of black spots)	Yes	Yes	No	No	No	No
Min Autonomy for extended battery life	Yes	No	Yes	No	Yes	No
GTZ Evaluation (Price-to-Performance)	Winner	N.Q	5th/N.Q	N.Q	N.Q	N.Q

# NEST ICS Quality Certification

## CERTIFICATE OF COMPLIANCE



This is to certify that the  
QUALITY MANAGEMENT SYSTEM of

### NOBLE ENERGY SOLAR TECHNOLOGIES LIMITED

A-9, Aero View Towers Shamlal Buildings, Begumpet,  
Hyderabad – 500 016, Andhra Pradesh, India.

has been assessed by International Certification Services Pvt. Ltd. and registered as complying with  
the requirements of the following International Standard:

### ISO 9001:2000

The Quality Management System applicable to:

**Scope: Assembly, Installation And Servicing Of Solar Modules And  
Solar Lighting Systems.**

Registration No. : RQ91/4018  
Registered Date : 20<sup>th</sup> May, 2009.  
Expiry Date : 19<sup>th</sup> May, 2012.



JAS-ANZ



[www.jas-anz.com.au/register](http://www.jas-anz.com.au/register)



*Shruti Kataria*  
Director

International Certification Services

Accredited by Joint Accreditation System of Australia and New Zealand

Validity of this certificate is based on periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification of significant changes to the management system and/or its components thereof shall be immediately communicated to ICS.  
Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the above certification body.

International Certification Services Pvt. Ltd. E-7, Chand Society, Juhu Road, Juhu, Mumbai – 400 049, India.

# NEST Case Studies/Multimedia

- NEST has been featured in Case Studies and Multimedia formats by reputable International consulting firms, books, and business schools.

- Featured in the bestselling book **“The Clean Tech Revolution”**



- NEST Indian School of Business Case Study (See Attached Copy)
- NEST Monitor Group Case Study (See Attached Copy)
- NEST Ashen Award Video
  - [http://www.youtube.com/watch?v=kmf\\_ZEQGKOU](http://www.youtube.com/watch?v=kmf_ZEQGKOU)