


SOLAR ENERGY TECHNOLOGY





The role of the User in a PV Solar System

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Indonesia

Training Course on Renewable Energy Part II - MEMR
CASINDO

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User Training



- Explain what you are doing
- Explain how the components work
- Review the manual with the user
- Ask if people have questions
- Do not overload people with information
- People learn by doing

2

Communication: the 710 cap






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User Awareness






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User Awareness

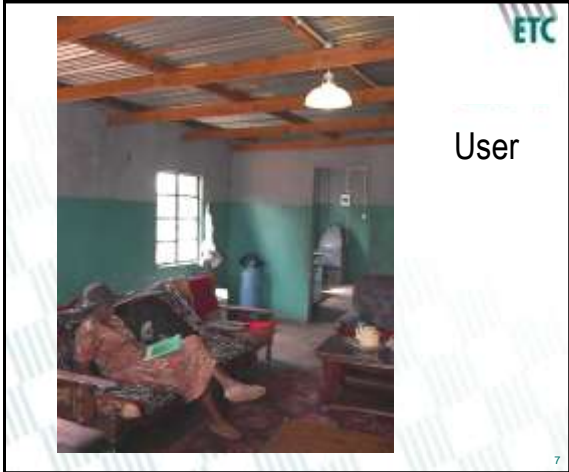



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Users

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User

ETC

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User

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User

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User

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PV for Institutional Use

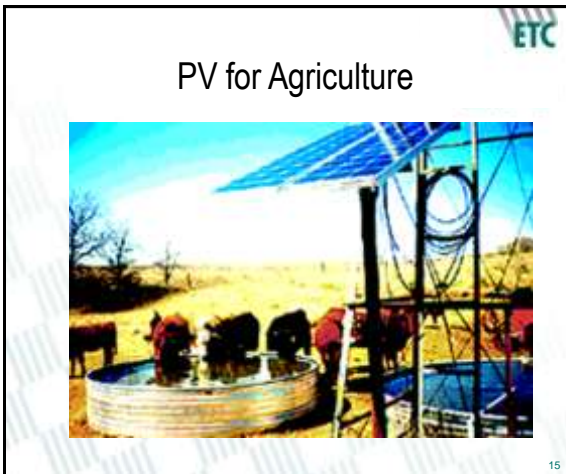
- Clinics
- Schools
- Police Stations
- etc.



User

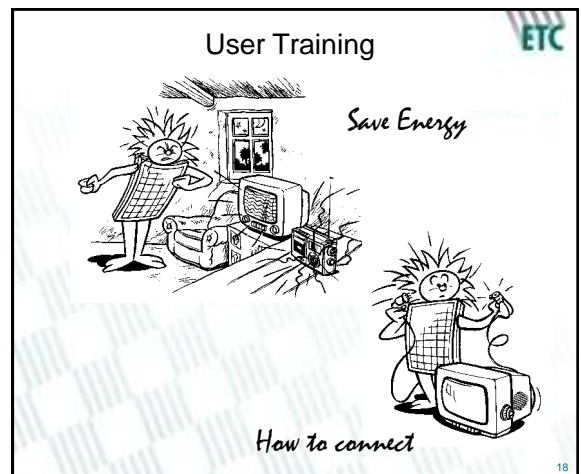
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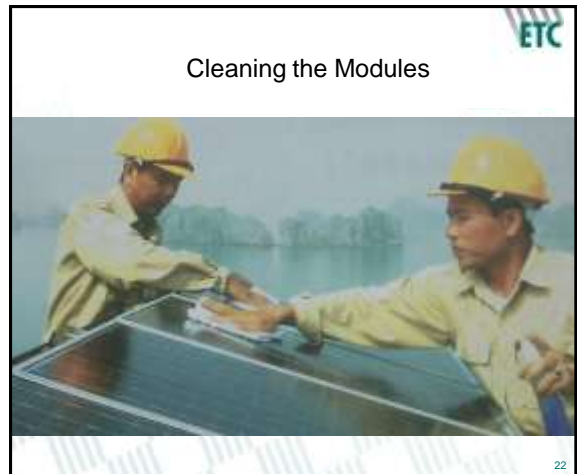
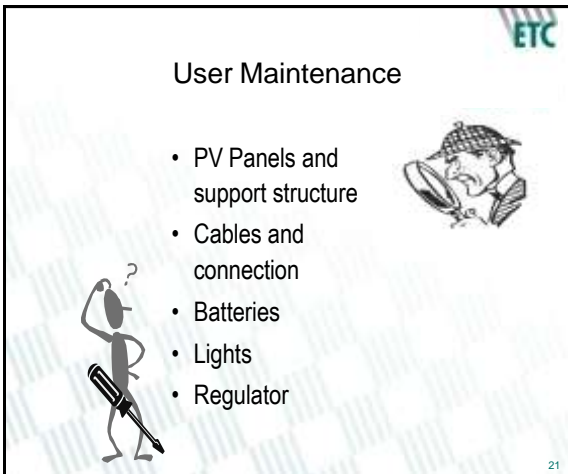
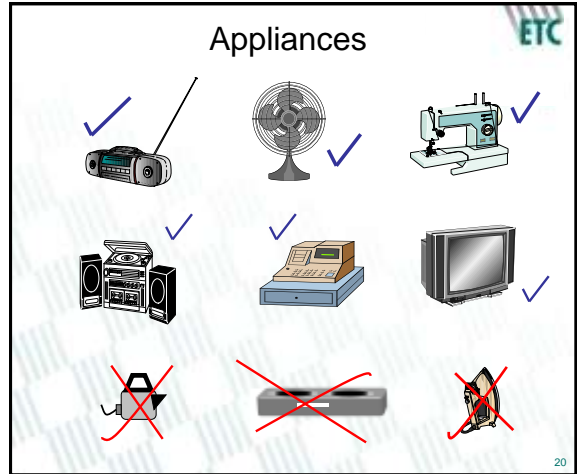
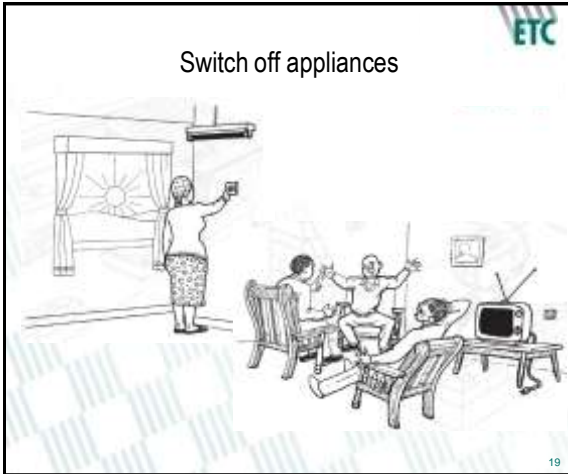
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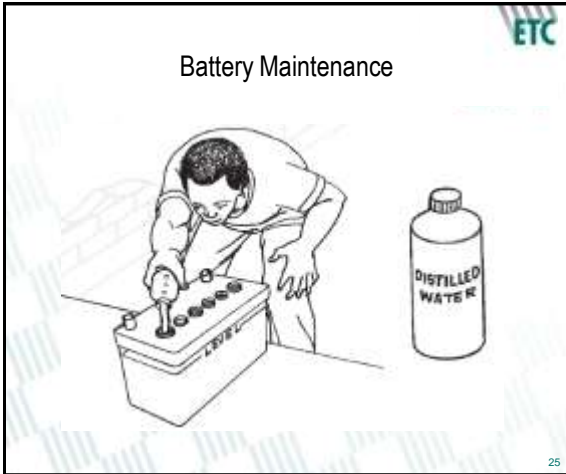


Advantages and Limitations of SHS

<p><i>Advantages</i></p> <ul style="list-style-type: none"> • No fuel required • Quite and clean • Little & easy maintenance • Can be expanded • Often more economic • Good quality light • Safer than candles or paraffin 	<p><i>Limitations</i></p> <ul style="list-style-type: none"> • High initial costs • Low power supply • Maybe problems during rainy season • Requires user load management • DC appliances are not always available
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USER NOTICE FOR YOUR SOLAR SYSTEM

Your system can operate the following appliances for a limited period each day:

TYPE	LOCATION	MAXIMUM DURATION PER DAY USE
Lamp 5 W	Kitchen	3 hours
Lamp 5 W	Bedroom	2 hours
Lamp 5 W	Living room	4 hours
Radio-cassette	Living room	5 hours

- Respect the maximum duration of use for each appliance listed above.
- Switch off appliances (lamps, radio, etc.) and the inverter when not in use.
- Monitor the regulator indicators regularly.

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Monthly maintenance

- > Check the level of electrolyte in the battery, add DISTILLED WATER if required. NEVER ADD ORDINARY WATER OR ACID.
- > Ensure that the battery connectors are tight and clean.
- > Clean the solar modules with clean water and a soft cloth.
- > Keep the modules free from any surrounding shade.
- > Never put anything on the surface of the modules.

WARNING!
Keep your solar system clean and Do not add any extra appliances without asking your solar technician

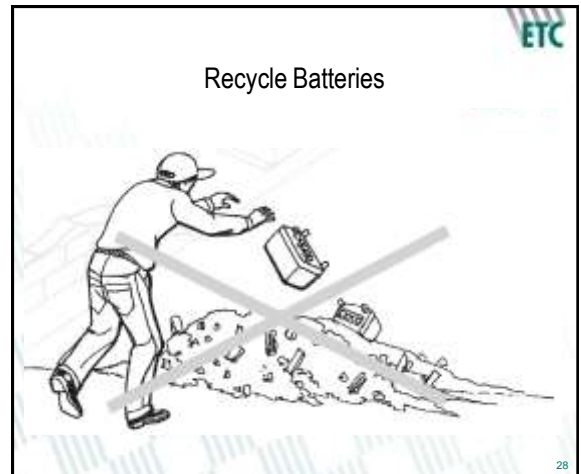
In case of problem, contact us:

CAREFUL USER = LONG LASTING SYSTEM

System installed by: _____ installation date: _____

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QUESTIONS ?

Illustration of two stick figures. One is scratching its head with a question mark above it, and the other is holding up a glowing lightbulb.

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