

# Smart Grid for Schools Condition Form

\_\_\_\_\_  
Your Name

## CONSTRUCTION SET

**Complete ALL sections of this form, and return it ON or BEFORE the day that you ship the exhibits to the next location! This enables us to send supplies or replacement parts to the next location. Send this form ASAP by email to [alfain@ilstu.edu](mailto:alfain@ilstu.edu) or by fax to 309-438-3592.**

*Note:* If an item is broken or needs replacement, please provide an explanation in the space to the right and let us know right away so that we can address the issue. There is no charge for broken pieces.

### Smart Grid System: Tote #

#### SMART GRID SYSTEM - condition of the exhibit when it arrived:

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Tote/packaging	Good	Poor	Broken/needs replacement	
High voltage power poles	Good	Poor	Broken/needs replacement	
Low voltage power poles	Good	Poor	Broken/needs replacement	
Power plants	Good	Poor	Broken/needs replacement	
Houses	Good	Poor	Broken/needs replacement	
Buildings	Good	Poor	Broken/needs replacement	
Switches	Good	Poor	Broken/needs replacement	
Smart switches	Good	Poor	Broken/needs replacement	
Wires	Good	Poor	Broken/needs replacement	

#### SMART GRID SYSTEM - condition of the exhibit after use (at the end of the school visit):

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Tote/packaging	Good	Poor	Broken/needs replacement	
High voltage power poles	Good	Poor	Broken/needs replacement	
Low voltage power poles	Good	Poor	Broken/needs replacement	
Power plants	Good	Poor	Broken/needs replacement	
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Additional comments on the SMART GRID SYSTEM: \_\_\_\_\_

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**Generators and Steam Engine: Box #**

**Generators**

Do the generators work? Yes \_\_\_ No \_\_\_

**GENERATORS - condition of the exhibit when it arrived:**

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Belts	Good	Poor	Broken/needs replacement	
Brushes	Good	Poor	Broken/needs replacement	
Bulbs	Good	Poor	Broken/needs replacement	
Commutators	Good	Poor	Broken/needs replacement	
Connecting wires	Good	Poor	Broken/needs replacement	
Motors	Good	Poor	Broken/needs replacement	

**GENERATORS - condition of the exhibit after use (at the end of the school visit):**

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Belts	Good	Poor	Broken/needs replacement	
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**Steam Engine**

Does the steam engine run? Yes \_\_\_ No \_\_\_

**STEAM ENGINE - condition of the exhibit when it arrived:**

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Parts for steam engine	Good	Poor	Broken/needs replacement	
Fuel pellets	Good	Poor	Broken/needs replacement	
Lubricating oil	Good	Poor	Broken/needs replacement	

**STEAM ENGINE - condition of the exhibit after use (at the end of the school visit):**

Item	Condition (circle one)			Comments
	Good	Poor	Broken/needs replacement	
Parts for steam engine	Good	Poor	Broken/needs replacement	
Fuel pellets	Good	Poor	Broken/needs replacement	
Lubricating oil	Good	Poor	Broken/needs replacement	

Additional comments on the GENERATOR AND STEAM ENGINE: \_\_\_\_\_

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**Smart Home: #**  

**SMART HOME - condition of the exhibit when it arrived:**

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	Good	Poor	Broken/needs replacement	
Boxes/packaging	Good	Poor	Broken/needs replacement	
Home structures	Good	Poor	Broken/needs replacement	
Tablets	Good	Poor	Broken/needs replacement	
Multisensors	Good	Poor	Broken/needs replacement	
Adapters for the multisensors	Good	Poor	Broken/needs replacement	
Water sensors	Good	Poor	Broken/needs replacement	
Electric vehicles	Good	Poor	Broken/needs replacement	
Smart power strips (homes 10-50)	Good	Poor	Broken/needs replacement	
Solar panels (homes 10-50)	Good	Poor	Broken/needs replacement	
Incandescent lightbulbs (homes 10-50)	Good	Poor	Broken/needs replacement	
LED lightbulb (homes 10-50)	Good	Poor	Broken/needs replacement	
Light sockets (homes 10-50)	Good	Poor	Broken/needs replacement	

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