

# THE GENERATION OF ELECTRICAL POWER

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.  
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.  
NOT FOR COMMERCIAL USE.  
THIS WORK IS PROTECTED BY COPYRIGHT LAW.  
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN [www.technologystudent.com](http://www.technologystudent.com)

# THE GENERATION OF ELECTRICAL POWER

V.Ryan © 2009 World Association of Technology Teachers

Electrical power can be generated through CONVENTIONAL technology or ALTERNATIVE technology. Examples of the two categories are listed below. Study the list carefully. Both types of technology affect the environment.

1. What affect do CONVENTIONAL methods of producing electricity have on the environment ?

---

---

2. What affect do ALTERNATIVE methods of producing electricity have on the environment ?

---

---

3. In a sentence, describe each method of producing electrical power. Use the space below.

CONVENTIONAL	OIL	_____
		_____
	COAL	_____
		_____
	NATURAL GAS	_____
	_____	
	NUCLEAR ENERGY	_____
		_____
	PEAT	_____
		_____
ALTERNATIVE	WIND POWER	_____
		_____
	SOLAR POWER	_____
		_____
	WAVE POWER	_____
		_____
	TIDAL POWER	_____
	_____	
	HYDRO POWER	_____
		_____
	BIOFUELS	_____
		_____