Sources of Energy SPH4C

Both coal and nuclear power pla	ants use	turk	oines to turn th	eir generators.		
Burning coal is an	chemical reaction: it produces					
The main advantage of coal is t	hat it is the	it is the way of p		oducing power.		
The main disadvantage is that t	he burning releas	ses pollutants	not only			
gases such as	uch as but also toxins such as					
In nuclear plants, it is the	decay of	_ decay of tha				
produces the heat to boil the wa	ater.					
The main advantage of nuclear	power is that it de	oes	produce	any pollutants.		
However,	of the nuclear	fuel after use	can be a prol	olem because it is		
still radioactive. And	uranium p	roduces toxic	, radioactive _			
I GOT TRANSFERRED TO THE GLICKMAN NUCLEAR POWER PROJECT. AREN'T YOU WORRIED ABOUT RADIATION?	MY BOSS SAYS THE LAST SAFETY INSPECTION WE QUITE FAVORAB	ME AS LE. WHAT WERE HIS EXACT WORDS?	my GAVE	HE INSPECTORS A GLOWING IRT. " MAYBE YOU'LL MUTATE INTO SOMETHING SMARTER.		
"Hydro" is short for hydroelectric	c, power generate	ed by water _		that turn the		
energy of the water flow into the	e rotational energ	y needed to p	ower a	·		
Across Canada, hydro is the	source of	energy (in Onta	rio).		
Hydro plants are clean in that the	ney do not emit po	ollutants, inclu	ıding greenho	use gases.		
But they still disrupt		because of th	ie large	required.		
r	nydro dams are _		and ca	refully planned to		
minimize disruption 6% of Ont.	ario's energy now	/ comes from	these dams			

Solar energy is po	ower generated by harnes	ssing the energy of	the	·
Mirrors and metal	plates can be used to co	ncentrate the Sun's	s rays to heat	or
	This is called	nis is called solar technology.		
Mirrors can even l	oe used to concentrate th	e Sun's rays to hea	at water to drive electrica	ıl
Solar	are most effective	when they are		
	toward the Sun (not r	necessarily		A
straight up). The r	nost effective angle will be	e equal to the		
	of the panel.			
Solar panels conta	ain	cells.		
The cells are mad	e of			Service
such as				
When light strikes	the cell, an electric curre	nt is produced.		
This current is	current	().		
It can be stored in	a rechargeable	0	r be converted to AC (by	an
) to be used by ho	usehold appliance	S.	
Houses with solar	panels can	_energy back to th	ne grid when they are pro	ducing
more than is need	led.			
The disadvantage	s of solar energy are:			
• The	needed t	o build the panels		
It doesn't p	roduce energy	(or as	SO WE'RE	
much whe	n)		PREDICTING A NICE COMPORTABLE FLIGHT TODAY FOLKS, UNLESS OF COURSE UNLESS IN TO ANY CLOUP	searci