SECURITY MANAGER



ST	UDENT NAME:	CLASS:	DATE:
by tra	EWSFLASH! The governor has declared that all energy 2050. And the deadline is fast approaching. To juminantion to 100% renewable energy. But what kind of am will uncover	pstart this, your commu	nity was selected to be the first one to
	o you copy, Security Manager ? Your duty is to prote owledge in surveillance and defense mechanisms, the		
To secure your team's electrical energy system from attacks, consider researching the following:			
•	Begin your research by checking out the info and white://intotheoutdoors.org/topics/maintaining-the	e-flow-of-electrons/ ical transmission system	?
•	What kinds of physical threats are there to the elec	-	em?
•	How will you prevent or deter attackers from enter	ring facilities or damagir	ng equipment?
•	How will you monitor or detect attackers?		
•	How is your equipment vulnerable to attackers on and how important the equipment is to the system	·	•

• View an aerial map of your community and surrounding landscape. Work with your Power Engineer and Electrical Planning Engineer to plan a path for your electrical transmission system.

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What	is the Federal Energy Regulatory Commission?
Nhy :	nust electric utilities follow regulations?
	personnel or technology do you recommend to monitor and prevent attackers? Include these in your ene

Next, discuss your findings with your team members and plan out an electrical energy system that will generate and deliver renewable, safe, efficient, reliable power to your community. As a group, use all of your discoveries to design and craft a diorama of your energy system on top of a sheet of cardboard. First, paint an aerial view of your landscape on the cardboard. Then let your inner genius out and construct your electrical energy system on the landscape. You may mold clay or use construction paper to build houses and transmission equipment ... or even glue in natural resources like sticks, pebbles, moss, grasses, or sand to recreate the landscape. Your team will pitch your renewable energy system diorama to the class with supporting research. The group who receives most of the community's support wins the challenge!

