**Coal-Fired Power to Solar City**

Read the Guardian’s, “[Port Augusta ‘busting a gut’ to reinvent itself as a solar city when coal-fired power is switched off](http://www.theguardian.com/environment/2016/mar/24/port-augusta-busting-a-gut-to-reinvent-itself-as-a-solar-city-when-coal-fired-power-is-switched-off)”, and then respond to the following prompts:

1. *State* the type of energy system is being proposed to replace coal.
2. *Outline* the requirements for this type of energy system to be successful.
   1. *Justify* whether you believe that Port Augusta satisfies these requirements.
3. *Discuss* what will happen to people that currently work in the coal-fired energy facility.
   1. Comment on what this will mean for Port Augusta’s economy.
4. *Construct* a table highlighting the advantages and disadvantages of both coal and concentrated solar as energy resources.
5. *To what extent* will this energy transition affect Port Augusta’s energy security?