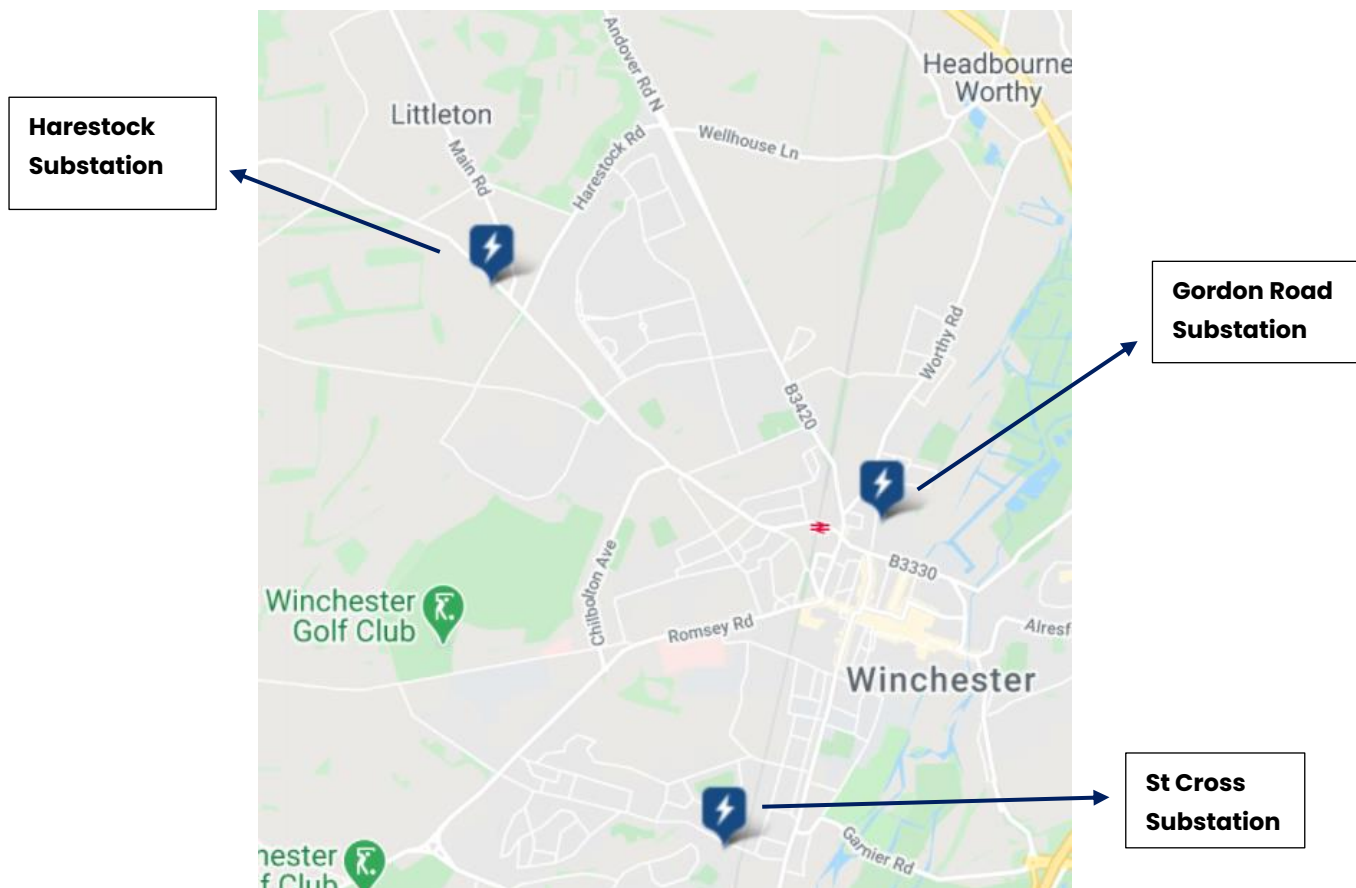


Winchester – Storm Preparation Plan – Electricity Network

As you know, a severe storm has been forecast to hit Winchester. Winds of 60MPH are predicted with the added risk of heavy rain. You are required to come up with an action plan to help prevent widespread damage of the energy network and prevent widespread power cuts.



Winchester Substations

A substation is part of the electrical generation and transmission process. Substations transform the voltage from high to a voltage suitable for usage in homes around Winchester. The map contains the three SSE owned substations in/around Winchester.

Storm preparation:

- (1) What can you do to protect substations, so they continue to work during a storm?
- (2) Check the location of the substations – are any near water? What might you need to do to prevent damage?
- (3) What would you advise SSE staff to do?



Power lines

What decisions will you make to protect power lines in case of storm damage?

Can you think of a team of people you might want to have on stand-by in case of damage?

What areas of the city do you want to make sure the power lines do not damage if they fall?



Protecting the citizens of Winchester

Are there specific groups of people you want to make sure have vital supplies in case of the storm?

Are there any key parts to the city (e.g. hospitals) that you will focus on first if they get damaged?

Are you going to try and speak on the news, make radio-adverts to advise people to be careful?

SSE Customer support

After a storm, SSE call centres might see an increase in calls with customers reporting power faults/damage.

What might you do to help SSE help a possible increase in the amount of calls?

How can technology help you support more people?

