



Horsham
District
Council

Information to be provided for Battery Energy Supply System (BESS) Planning Applications

Information to be provided for Battery Energy Storage Site (BESS) Planning Applications

		To include:
1.	Site Plans	Full site plans
2.	Outline Fire Strategy	Legal requirements To include appropriate standards and guidance documents (this can include for British and International documents) Type of batteries and number in each enclosure To include battery capacity in kW Provisions for means of escape and early warning To include provisions for means of escape and early warning site wide Construction details of battery and any support enclosures To include construction details for materials used and reaction to fire classifications Site Spacing Minimum site spacing achieved to buildings and site boundaries Fire Compartmentation Minimum fire compartmentation requirements with information on how this is to be achieved Detection Detection for fire and off-gasses with cause-and-effect information detailing how early detection and appropriate actions are instigated Suppression Systems Approved, suitable and tested suppression systems, type and any associated environmental impacts

		<p>Firefighting water supplies Stating requirements for pressure and flow rates, water storage tank size, plus locations for hydrant outlets</p> <hr/> <p>Fire Fighter access Access from two directions and roadway load limits together with swept path analysis to demonstrate it is adequate for fire service vehicles</p> <hr/> <p>Deflagration Deflagration system proposed if necessary, ensuring risks to any nearby vegetation and residents and other businesses are minimized</p> <hr/> <p>Drainage Drainage and prevention of contaminated firefighting water reaching water courses</p> <hr/> <p>Toxicity report Toxicity report detailing the risks to fire fighters and residents /employees and decontamination requirements if there is a release of toxic gasses</p> <hr/> <p>Emergency and Response plans Information on how Emergency and response plans are to be developed Taking into account:</p> <ul style="list-style-type: none"> • How fire service will be alerted. • Safety for firefighters and other emergency responders • Access provision for vehicles • On site plans and information for detection and suppression. • Evacuation procedures, including for nearby residents and businesses. • Information on Dangerous goods that are located on site
3.	Maintenance regime	requirements for installed equipment including detection and suppression systems.