

APPENDIX B – UPDATED MITIGATION MEASURES

Reference	Existing mitigation measure under EIS	Updated mitigation measure
BF6	Develop an Emergency Response Plan (ERP) in consultation with the NSW RFS District Fire Control Centre prior to construction. The ERP should include: • Foreseeable on-site and off-site fire events • Clearly states work health safety risks and procedures to be followed by fire-fighters, including ○ Personal protective clothing ○ Minimum level of respiratory protection ○ Minimum evacuation zone distances ○ A safe method of shutting down and isolating the PV system ○ Any other risk control measures required to be followed by fire fighters • Any other risk control measures required to be followed by fire-fighters • Evacuation triggers and protocols • Suppression response strategies and tactics, including aerial suppression options/management	Develop an Emergency Response Plan (ERP) in consultation with the NSW RFS District Fire Control Centre prior to construction. The ERP should include: • Foreseeable on-site and off-site fire events • Clearly states work health safety risks and procedures to be followed by fire-fighters, including ○ Personal protective clothing ○ Minimum level of respiratory protection ○ Decontamination procedures ○ Minimum evacuation zone distances ○ A safe method of shutting down and isolating the PV system and BESS ○ Any other risk control measures required to be followed by fire fighters • Any other risk control measures required to be followed by fire-fighters • Evacuation triggers and protocols • Suppression response strategies and tactics, including aerial suppression options/management
BF8	An Asset Protection Zone (APZ) will be constructed around the solar farm with the following requirements: • The APZ will be 15 m wide around the entire perimeter of the solar farm footprint, and 20 m wide for areas abutting the remnant vegetation and landscaping areas • The external edge of the APZ setback at least 25 m from the external edge of PV panels or other components • The APZ must be either a mineral earth fire break (i.e. dirt or gravel)	An Asset Protection Zone (APZ) will be constructed around the solar farm with the following requirements: • The APZ will be 15 m wide around the entire perimeter of the solar farm footprint.-The APZ may be mineral earth (dirt or gravel) or alternatively vegetation managed to a low level in accordance with the APZ specifications detailed in PBP (RFS 2019)No trees or shrubs to be planted on the internal side of the fire break including that associated with the landscape plan • Access track located on the internal edge of the APZ that is trafficable by Category 1 fire appliances

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	- No trees or shrubs to be planted on the internal side of the fire break including that associated with the landscape plan - APZ preferably located external to any security fence - Access track located on the internal edge of the APZ that is trafficable by Category 1 fire appliances - The substation should have a 20m APZ with no internal vegetation (gravel surface) - For adequate vegetation management around BESS containers/infrastructure, these need to be clear of vegetation (including grass fuels) around the entire perimeter of these units for a minimum of 10m. The use of non-combustible material such as crushed rock or mineral earth breaks is required within these 10m areas to limit potential fire spread (CFA 2021).	- The substation should have a 20m APZ - A 10 m asset protection zone should be maintained around the BESS containers/infrastructure. Solar infrastructure can be located within the BESS APZ provided it does not comprise a general fire safety risk. - It is also recommended that the BESS enclosures are screened and sealed to prevent the potential for the entry of embers. This should be provided by enclosing or covering vents and weepholes with a corrosion-resistant steel, bronze or aluminium mesh with a maximum aperture of 2mm. Weather strips, draught excluders or draught seals should be installed on external doors or any other openings.
S1	A Soil and Water Management Plan (SWMP) will be prepared and implemented as part of the CEMP, in accordance with Managing Urban Stormwater: Soils and Construction (Landcom, 2004). This will include an erosion and sediment control plan for the Site and intersection for implementation during construction.	A Soil and Water Management Plan (SWMP) will be prepared and implemented as part of the CEMP, in accordance with Managing Urban Stormwater: Soils and Construction (Landcom, 2004) and the Guidelines for Controlled Activities on Waterfront Land (NRAR 2018). This will include an erosion and sediment control plan for the Site and intersection for implementation during construction.