## State code 23: Wind farm development

[Planning guideline State code 23: Wind farm development](https://planning.statedevelopment.qld.gov.au/planning-framework/state-assessment-and-referral-agency/state-development-assessment-provisions-sdap) provides direction on how to address this code.

**Table 23.1: Material change of use**

| **Performance outcomes** | **Response** |
| --- | --- |
| **Protected wildlife and associated habitats and areas of high ecological value** |  |
| **PO1** Development is located and designed to ensure that:   * **protected wildlife** and associated habitats; and * areas of **high ecological value**   are protected from adverse impacts. | Complies with PO#  Use this column to indicate whether compliance is achieved with the relevant PO (or if they do not apply), and explain why |
| **PO2** Development is constructed to ensure that:   * **protected wildlife** and associated habitats; and * areas of **high ecological value**   are protected from adverse impacts. |  |
| **PO3** Development operations ensure that **protected wildlife** and birds and bats are protected from adverse impacts. |  |
| **PO4** Areas cleared for the construction of a **wind farm** are progressively **rehabilitated** to the maximum extent practicable following construction without impeding the safe and efficient operations and maintenance of the **wind farm**. |  |
| **Agricultural land** |  |
| **PO5** Development is located and designed to ensure that there is no significant loss of **high-quality agricultural land** values. |  |
| **Natural drainage patterns** |  |
| **PO6** The **wind farm**, including ancillary infrastructure, is designed and sited to minimise crossings of and interference with natural drainage lines, waterways and wetlands. |  |
| **Protecting water quality and erosion control** |  |
| **PO7** Development is designed to avoid areas of **high erosion risk**, where failure of erosion management devices would result in permanent and/or adverse impacts on receiving waterways or wetlands. |  |
| **PO8** Development is constructed to maintain or improve the water quality of receiving waters, waterways and wetlands by:   * minimising erosion and run off; * managing drainage control; and   preserving the bank stability of affected waterways and drainage lines. |  |
| **PO9** Areas cleared for construction are progressively stabilised during construction to ensure that erosion and run off to the surrounding landscape and waterways is minimised to the greatest extent possible. |  |
| **Natural hazards and extreme weather events** |  |
| **PO10** Development is located, designed, constructed and operated to be responsive to **natural hazards** and  **extreme weather events**. |  |
| **PO11** Development is constructed and operated to protect the safety of people in the event of **natural hazards** or **extreme weather events** occurring. |  |
| **Acoustic amenity** |  |
| **PO12** The predicted acoustic level at all noise affected existing or approved **sensitive land uses** on **host lots** does not exceed the criteria stated in table 23.2. |  |
| **PO13** The predicted acoustic level at all noise affected existing or approved **sensitive land uses** on **non- host lots** does not exceed the criteria stated in table 23.3. |  |
| **Electromagnetic interference** |  |
| **PO14** Development is designed and/or mitigation measures are used to protect pre-existing television, radar and radio transmission and reception from **electromagnetic interference**. |  |
| **Shadow flicker** |  |
| **PO15** Development is designed, constructed and operated so that the modelled blade **shadow flicker** impacts on existing or approved **sensitive land uses** do not exceed 30 hours per annum and 30 minutes per day. |  |
| **Workforce accommodation impacts** |  |
| **PO16** On-site **workforce accommodation** associated with the construction of the **wind farm,** does not result in adverse impacts on surrounding communities and townships, such as overburdening services and community facilities. |  |
| **PO17** Off-site **workforce accommodation** associated with the construction of the **wind farm,** does not result in adverse impacts on surrounding communities and townships, such as overburdening services, housing supply and community facilities. |  |
| **Areas identified by state or local government planning instruments as having high scenic amenity** |  |
| **PO18** Development in an area identified by state or local government planning instruments as having high **scenic amenity** is sited and designed to protect the **scenic amenity** and **landscape values** of the locality and region. |  |
| **Transport networks** |  |
| **PO19** Construction and ongoing activities associated with the development do not adversely impact the efficiency and condition of **transport networks** and infrastructure nor compromise the safety of users of the **transport network**. |  |
| **PO20** Development delivers necessary upgrades to the **transport network** to ensure construction activities and ongoing maintenance do not adversely impact **transport networks** and infrastructure. |  |
| **PO21** Development demonstrates that a safe, viable and practical haulage route can be secured to accommodate the movement of **oversize/overmass vehicles** during construction and ongoing maintenance activities. |  |
| **PO22** Development provides safe, efficient, and sustainable vehicular access to the site for all vehicle types anticipated through the construction, operation, maintenance and **decommissioning** of the **wind farm**. |  |
| **Infrastructure** |  |
| **PO23**  The impacts of the development on infrastructure and services including social infrastructure, communications networks and essential infrastructure are identified, and measures to manage, mitigate and remediate any impacts are undertaken:   * prior to commencement of any development; or   prior to additional demand being placed on infrastructure and services . |  |
| **Aviation safety, integrity and efficiency** |  |
| **PO24** Development does not adversely affect the safety, operational integrity and efficiency of **air services**  and aircraft operations as a result of its:   1. location; 2. siting; 3. design; 4. construction;   operation. |  |
| **PO25** Development includes lighting and marking measures that ensure the safety, operational integrity and efficiency of **air services** and aircraft operations. |  |
| **Community impact** |  |
| **PO26** Impacts on communities and individuals are identified, addressed and mitigated to avoid any adverse impacts. |  |
| **Decommissioning** |  |
| **PO27** Relevant components of development, both after completion of construction and at cessation of operations, are **decommissioned** in a timely and efficient manner. |  |
| **PO28** Decommissioning ensures that materials removed from site destined for landfill are minimised while opportunities to reuse, recycle and /or repurpose are deployed to the greatest extent practicable. |  |
| **PO29** Decommissioning at end of operations ensures disturbance footprints are rehabilitated, waterways and drainage patterns are reinstated. |  |
| **PO30** Decommissioning plans are secured by bonds or financial guarantees or other mechanism/s to safeguard timely compliance. |  |