

Director-General's Requirements

Section 75F of the *Environmental Planning and Assessment Act 1979*

Project	Construction and operation of Stage 1 of Delta Electricity's gas fired power station development, comprising two open cycle gas turbines with a total capacity of 250-350 megawatts.
Site	An approximately 116 hectare site (Part of Lot 18 DP1056592, to be identified as Lot 2 DP1120270 upon purchase) off Canyonleigh Road Brayton, approximately 12 kilometres from the village of Marulan, in the Upper Lachlan Shire local government area (LGA).
Proponent	Delta Electricity
Date of Issue	3 March 2008
Date of Expiration	3 March 2010
General Requirements	The Environmental Assessment (EA) must be prepared to a high technical and scientific standard and must include: • an executive summary; • a description of the project during construction and operation, demonstrating consistency with the scope and intent of the concept plan (MP 07_0174); • consideration of any relevant statutory provisions including the consistency of the project with the objects of the <i>Environmental Planning and Assessment Act 1979</i>; • an assessment of the key issues specified below, demonstrating consistency with the cumulative impact envelope of the concept plan (MP 07_0174) or where these are exceeded, clear identification of additional measures to manage, mitigate and/ or offset impacts; • a draft Statement of Commitments outlining environmental management, mitigation and monitoring measures; clearly identifying how these measures fit with the management/ monitoring strategies for the concept plan (MP 07_0174); and • a conclusion justifying the project demonstrating consistency with the cumulative impact envelope, site suitability and public interest outcomes of the concept plan (MP 07_0174). • certification by the author of the Environment Assessment that the information contained in the Assessment is neither false nor misleading.
Key Assessment Requirements	The EA must include an assessment of the following key issues: • Water Quantity and Quality Impacts – The EA must identify the water use and sourcing requirements for the project demonstrating consistency with the water balance and water sourcing options identified in the concept plan (MP 07_0174). In addition, the EA must assess the project specific contribution to the cumulative water quantity, quality and hydrological impacts identified in the concept plan (MP 07_0174). The EA must identify measures for minimising, mitigating and/ or offsetting project-specific impacts, clearly demonstrating how these measures fit within the cumulative impact management and monitoring strategies for the concept plan (MP 07_0174). • Greenhouse Gases – the EA must assess the direct and indirect contribution of greenhouse gas emissions from the project to the cumulative impacts identified in the concept plan (MP 07_0174). The EA must identify how project specific offset measures fit within the cumulative offset strategies for the concept plan (MP 07_0174). • Air Quality Impacts - the EA must assess the operational air quality impacts of the project demonstrating no adverse impact on human health or the environment. The assessment must be undertaken in accordance with the <i>Approved Methods for Modelling and Assessment of Air Pollutants in NSW</i> (DEC, 2005), identifying project-specific contribution to cumulative emissions as identified in the concept plan (MP 07_0174) at a local, regional and interregional level, considering impacts during each phase of operation. The EA must clearly outline project-specific mitigation measures to be applied and the extent to which these measures are likely to be effective in achieving the relevant environmental outcomes. The EA must clearly demonstrate how these measures fit within the cumulative impact management and monitoring strategies for the concept plan (MP 07_0174). • Noise Impacts – the EA must assess the operational noise impacts of the project in accordance with <i>NSW Industrial Noise Policy</i> (EPA, 2000), identifying project-specific

	contribution to cumulative emissions as identified in the concept plan (MP 07_0174), considering impacts during each phase of operation and meteorological characteristic of the locality, which may exacerbate impacts. The EA must assess the construction and transport related noise impacts for the project in accordance with Chapter 171 of the <i>Environmental Noise Control Manual</i> (EPA, 2004) and <i>Environmental Criteria for Road Traffic Noise</i> (EPA, 1999), respectively, identifying project-specific contributions to cumulative emissions as provided in the concept plan (MP 07_0174). The EA must identify measures for minimising, mitigating and/ or offsetting project-specific impacts, clearly demonstrating how these measures fit within the cumulative impact management and monitoring strategies for the concept plan (MP 07_0174). • Flora and Fauna Impacts – the EA must assess flora and fauna impacts of the project, in accordance with <i>Guidelines for Threatened Species Assessment</i> (DEC, July 2005), identifying the project-specific contribution to the cumulative worst case impacts identified in the concept plan (MP 07_0174). The EA must detail how the mitigation and offset requirements for the project fit within the cumulative offset package for the concept plan (MP 07_0174), including performance monitoring and maintenance requirements. • Indigenous Heritage – the EA must assess indigenous heritage impacts of the project, in accordance with <i>Guidelines for Aboriginal Cultural Impact Assessment and Community Consultation</i> (DEC, July 2005), identifying the project-specific contribution to the cumulative impacts identified in the concept plan (MP 07_0174). The EA must demonstrate that the consultation undertaken for the project is consistent with consultation undertaken for the concept plan (MP 07_0174). The EA must detail how the mitigation and offset requirements for the project fit within the cumulative impact management and monitoring strategies for the concept plan (MP 07_0174). • Hazards and Risk Impacts – the EA must include a Preliminary Hazard Analysis (PHA) of any potential offsite hazard and risk impacts that were identified in the concept plan (MP 07_0174). The PHA must be prepared in accordance with the Department's <i>Hazardous Industry Planning Advisory Paper No. 3, Hazardous Industry Planning Advisory Paper No. 6</i> and <i>Multi-level Risk Assessment</i> and with reference to applicable Australian Standards (including AS2885 Pipelines - Gas and Liquid Petroleum – Operation and Maintenance). Risk impacts associated with the transport of dangerous goods and hazardous materials must be confirmed with reference to the Department's draft <i>Route Selection</i> guideline. • General Environmental Risk Analysis – notwithstanding the above key assessment requirements, the EA must include an environmental risk analysis to identify potential environmental impacts associated with the project (construction and operation), proposed mitigation measures and potentially significant residual environmental impacts after the application of proposed mitigation measures. Where additional key environmental impacts are identified through this environmental risk analysis, an appropriately detailed impact assessment of this additional key environmental impact must be included in the EA.
Consultation Requirements	You must undertake an appropriate and justified level of consultation with the following parties during the preparation of the EA: • NSW Department of Environment and Climate Change; • Upper Lachlan Council; • Goulburn-Mulwaree Council; • Sydney Catchment Authority; • NSW Department of Water and Energy; • NSW Department of Primary Industries; and • the local community and land owners. The EA must clearly indicate issues raised by stakeholders during consultation, and how those matters have been addressed in the EA.