

Our ref: OUT25/7548

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Subject: Kiar Battery Energy Storage System (SSD-86051481) (Central Coast)  
Comment on the Secretary's Environmental Assessment Requirements (SEARs)

Dear Kristy,

The NSW DCCEEW Water Group has developed standard input to SEARs for SSD and SSI projects. Please see Attachment A for detailed requirements.

If any of the requirements do not apply to this project, the proponent should describe why in a short statement.

Should you have any further queries in relation to this submission please do not hesitate to contact Water Assessments at [water.assessments@dpie.nsw.gov.au](mailto:water.assessments@dpie.nsw.gov.au).

Yours sincerely



Alistair Drew

A/Senior Project Officer, Water Assessments, Knowledge Division  
NSW Department of Climate Change, Energy, the Environment and Water

Water Take and Licensing

| No. | Assessment Requirement                                                                                                                                                                                                                                                                                                                                                                                                                        | Relevant Policy/Guideline/Legislation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | A detailed and consolidated site water balance.                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2   | Description of all works/activities that may intercept, extract, use, divert or receive surface water and/or groundwater. This includes the description of any development, activities or structures that will intercept, interfere with or remove groundwater, both temporary and permanent.                                                                                                                                                 | <p>NSW Aquifer Interference Policy (2012), section 3 &amp; 5 of the <i>Water Management Act 2000</i>, Water Sharing Plans</p> <p>Clause 24 of the <i>Water Management (General) Regulation 2018</i></p> <p>Groundwater Guidelines-<br/> <a href="https://www.industry.nsw.gov.au/water/licensing-trade/major-projects">https://www.industry.nsw.gov.au/water/licensing-trade/major-projects</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3   | Details of all water take for the life of the project and post closure where applicable. This is to include water taken directly and indirectly, and the relevant water source where water entitlements are required to account for the water take. If the water is to be taken from an alternative source confirmation should be provided by the supplier that the appropriate volumes can be obtained.                                      | <p>Section 3 &amp; 5 of the <i>Water Management Act 2000</i>, Water Sharing Plans</p> <p>Section 2 of the NSW Aquifer Interference Policy provides explanation of water take for aquifer interference activities</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4   | Details of Water Access Licences (WALs) held to account for any take of water where required, or demonstration that WALs can be obtained prior to take of water occurring. This should include an assessment of the current market depth where water entitlement is required to be purchased. Any exemptions or exclusions to requiring approvals or licenses under the <i>Water Management Act 2000</i> should be detailed by the proponent. | <p>Water Sharing Plans</p> <p>Sections 3, 5, 60A &amp; 60I of the <i>Water Management Act 2000</i></p> <p>WAL must nominate a work to satisfy s60D of the <i>Water Management Act 2000</i> and this is completed by a dealing application under s71W of the <i>Water Management Act 2000</i></p> <p>Exemptions or exclusions information:</p> <ul style="list-style-type: none"> <li>○ Clause 21-23, 34-50, sch.1 and 4 <i>Water Management Regulation 2018</i></li> <li>○ Sections 4.41 and 5.23 of the <i>EP&amp;A Act 1979</i></li> <li>○ Water licensing and works approvals exemptions -<br/> <a href="https://water.dpie.nsw.gov.au/licensing-and-trade/licensing/water-licensing-and-works-approvals-exemptions">https://water.dpie.nsw.gov.au/licensing-and-trade/licensing/water-licensing-and-works-approvals-exemptions</a></li> </ul> |

## Water Impacts

| No. | Assessment Requirement                                                                                                                                                                                                                                                                                                           | Relevant Policy/Guideline/Legislation                                                                                                                                                                                                            |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5   | A description of groundwater conditions that provides an understanding of groundwater level across the site under a range of wet and dry conditions.                                                                                                                                                                             | NSW Aquifer Interference Policy<br>Groundwater Guidelines                                                                                                                                                                                        |
| 6   | Assessment of impacts on surface and ground water sources (both quality and quantity), related infrastructure, adjacent licensed water users, basic landholder rights, watercourses, riparian land, groundwater dependent ecosystems, and ground water levels; including measures proposed to reduce and mitigate these impacts. | <i>Water Management Act 2000</i> Part 1, Division 1, Section 5(2d; 4c) & Part 3 Div 2 Sect 97<br><i>Water Management Act 2000</i> Part 1, Division 1, Section 5(4a;5a; 6a; 7a; 8a))<br>NSW Aquifer Interference Policy<br>Groundwater Guidelines |
| 7   | Proposed surface and groundwater monitoring activities and methodologies.                                                                                                                                                                                                                                                        | Groundwater Guidelines<br>NSW Water Quality and River Flow Objectives<br>Australian and New Zealand fresh and marine water quality guidelines (ANZG 2018)                                                                                        |

## Assessment against Policy and Guidelines

| No. | Assessment Requirement                                                                                                                                                                      | Relevant Policy/Guideline/Legislation                                                                                                                                         |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8   | Identification and impact assessment of all works/activities located on waterfront land including an assessment against Guidelines for Controlled Activities on Waterfront Land (DPE 2022). | Guidelines for Controlled Activities on Waterfront Land (DPE 2022)                                                                                                            |
| 9   | Assessment of project against relevant policies and guidelines                                                                                                                              | Water Sharing Plans, Floodplain Management Plans, NSW Aquifer Interference Policy, Guidelines for Controlled Activities on Waterfront Land (DPE 2022), Groundwater Guidelines |