

May Patterson  
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GPO Box 39  
SYDNEY NSW 2001

By email: [may.patterson@planning.nsw.gov.au](mailto:may.patterson@planning.nsw.gov.au)

Dear Ms Patterson

**RE: Notice of Exhibition – Powering Sydney’s Future (New underground transmission cable circuit) (SSI – 8583)**

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I refer to your email dated 11 October 2019 inviting comments and advice from the Heritage Council of NSW for the above State Significant Infrastructure application for Powering Sydney’s Future.

The proposal involves the development and operation of a new 330 kilovolt (kV) underground transmission cable circuit between the existing Rookwood Road substation in Potts Hill and the Beaconsfield West substation in Alexandria. The project would be located primarily within road reserves, at existing electrical infrastructure sites, within public open space and on previously disturbed areas.

The Environmental Impact Statement and Environmental Impact Statement (EIS) prepared by AECOM including Appendices J (Historical Heritage Impact Assessment Report), G (Landscape Character and Visual Impact Assessment), E (Construction Noise and Vibration Impact Assessment) have been reviewed and the following comments are provided:

Appendix J identifies two State Heritage Register (SHR) listed items, Potts Hill Reservoirs 1 and 2 (SHR 01333) and the Alexandra Canal (SHR 01621) whose curtilages are immediately adjacent to the transition cable route. It is noted works would be located adjacent to both these items. Both sites may be indirectly impacted from vibration and temporary change of views due to construction activities.

Appendix J states there are 9 heritage items (including HCAs) that would potentially be directly impacted by the project and 37 heritage items (including the above noted two SHR items) located within the study area that may be indirectly impacted. Close consultation with relevant local councils and state agencies (Sydney Water) is recommended to mitigate impacts to heritage items listed on LEPs and the s.170 register and to improve urban design and visual amenities associated with the project.

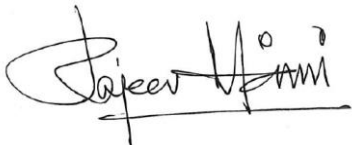
Section 6.2 of Appendix J recommends environmental management and mitigation measures to address potential impacts to the SHR items. It is noted a Cultural Heritage Management Plan (CHMP) will be prepared as part of the Construction Environmental Management Plan (CEMP) to manage impacts on identified heritage items during the detailed design and

construction phase. This document must provide clear/specific guidance and details to ensure SHR listed items are adequately protected during site preparation and construction works. During construction works, vibration monitoring, and structural assessments must be carried out to ensure vibration levels remain below appropriate limits for heritage listed buildings and structures located adjacent and in the vicinity including the two SHR items. These limits must take into consideration the structural condition and heritage values of these buildings and structures. Minimum working distance and appropriate setbacks must be established from heritage sites including SHR listed curtilage boundaries.

The assessment has identified it is unlikely that historical archaeological relics would be present and disturbed by the proposed package of works. This is argued as most of the proposed areas of work are argued to be previously 'disturbed' and includes former industrial heritage sites which may contain archaeological deposits associated with their uses as former significant brickworks (e.g. Sydney Park, Henson Park, Peace Park) would be unlikely to be affected by the proposal. Although Appendix J has not clearly demonstrated the historical development of these places to justify the conclusions of limited occupation and previous disturbance, the works proposed around these areas appear to be limited and will avoid disturbance. The proposed project should include an appropriate strategy to manage the discovery of unexpected historical archaeological 'relics' through appropriate protocols in the supporting Heritage Management Plan. There should be clear guidance in this document to assess and manage by significance such finds, and where they are relics, to notify the Heritage Council of NSW under the s.146 provisions of the Act which remain valid with SSI approvals.

If you have any questions regarding the above advice please contact Shikha Jhaldiyal, Senior Heritage Assessment Officer, at the Heritage NSW, Community Engagement, Department of Premier and Cabinet, on 9873 8545 or [Shikha.Jhaldiyal@environment.nsw.gov.au](mailto:Shikha.Jhaldiyal@environment.nsw.gov.au).

Yours sincerely

A handwritten signature in black ink, appearing to read 'Rajeev Maini', with a horizontal line underneath.

**Rajeev Maini**  
Senior Team Leader  
Regional Heritage Assessments South  
Heritage NSW, Department of Premier and Cabinet  
**As Delegate of the Heritage Council of NSW**  
8 November 2019