Dear Sir/Madam

I am making a submission in relation to Kepco Bylong Coal Project, application number SSD 14_6367

groundwater for the property. own a property in the Bylong Valley which is used for beef cattle production and we rely on I strongly object to the proposal to develop a large scale open cut coal mine is this area. My family

will be far outweighed by the permanent damage to this productive agricultural land and should be rejected as these impacts will be significant, extremely damaging and enduring. The short permanent drop in the water table. The pit water will become extremely saline over time and the fill up with water over time as the mine pit acts like an evaporation pit. This will result in a Based on other Hunter Valley coal mine projects, the open cut component of the mine will basically result in the long term drawdown of aquifers particularly during the post-mine closure period. proposes a water management plan that involves a program of monitoring to validate the productive groundwater' – EIS page 199. Whilst section 7 of the EIS purports to address major that the Gateway Panel for the project stated that 'Significant impacts are anticipated on highly groundwater impacts obfuscates and underplays the likely real impacts of this proposal. It is noted My primary ground for objection is the mine's impact on groundwater. The EIS's analysis of magnificent natural landscape. term benefits of coal extraction – benefits that largely will be felt by Kepco and their shareholders – land will be permanently degraded. The EIS fails to address this issue. On this basis, the proposal predictions of the EIS. In all reality, and based of other coal mines in the Hunter Valley, the mine will concerns raised by the Gateway Panel, the analysis leaves much to be desired. Basically the EIS

been prepared in a way that are designed to completely underestimate and disguise the real impacts of the above shortcomings in the EIS, it would suggest that the groundwater impacts of the EIS have uncertainty in the estimates has been conducted'. This statement is completely unfounded. In light I note that on page 211 of the EIS – peer review – it is suggested that 'A very thorough analysis of the on groundwater.

specifically this proposal should be rejected this has not been addressed. This should trigger the application of the precautionary principle resulting from the predicted alluvial drawdown (Appendix A, page 6). The proponent has confirmed systems porosity and permeability, and consequential implications for long term flow and storage The Independent Expert Scientific Committee (IESC) signalled the potential impacts to the alluvial

totalling up to 2,542 ML at the end of mining. Some reinjection of waste water to the underground I also note that it is proposed that excess water be stored in the unlined Eastern Open Cut mine pit water management are unsatisfactory and not supported by field assessments. what will happen to the remainder of the waste water not reinjected. Overall the provisions for mine Water. No such evidence of the approvals is included in the Assessment. In addition it is unclear reinjection of mine waste water will require approval from the Department of Primary Industries investigation to support sustainable reinjection volumes and explore water quality impacts. The mine workings has been proposed, however the volume is not reported. There has been no field

Open cut versus underground

based on an analysis of the Bylong project as a stand-alone project, the justification for an operate for the first 10 years is poorly justified. Whilst the economics of the proposal are being The EIS's claim that the financial viability of the mine depends on establishing an open cut mine to

impacts on the ground water aquifers will remain, at least there will be much reduced impacts impacts which will destroy significant parts of the magnificent Bylong and lee Creek Valleys. While open cut option, it would significantly reduce the major environmental impacts of the proposal from the underground workings - the EIS should justify why the open cut is essential, noting that the under-estimate the real impacts, based on a recent trip I took through Ulan. visual impact component to the EIS should be carefully reviewed because it appears to significantly particularly visual impacts on the landscape which are again extremely understated in the EIS. The coal is to used by Kepco to burn in their own coal fired power stations in Korea. By eliminating the underground mine is tenuous. The majority of the coal resource to be extracted will be extracted

Water supply

industrial scale water extraction operation? I note that there is yet to be a water sharing plan for the Goulburn River or Bylong River? Can the flows of these small streams sustainably cope with such an years, the area is very drought prone. During inevitable droughts, will water be extracted from the required water. Based on my family property experience which we have owned for more than 50 certainty. For example there appears to be no contingency plan should the bores not deliver the is unsustainable. The impacts on the aquifer from this extraction are not quantified with any level of credible scientific experts. Notably, the reliance on up to 31 bores to supply water for the operation The water impact analysis in the EIS is sub-standard and should be independently peer reviewed by by the mine Bylong catchment – therefore it is very unclear how alternative sources of water could be obtained

proposal is granted approval, will there be any monitoring of the aquifers in the Bylong and Lee The impacts on the Bylong and Lee Creek valleys from the water extraction are not quantified. If this Creek valleys?

Save Lee Creek Road from upgrade or closure

attractions. The EIS refers to consultation with 'all three relevant landowners (page 77) - can this along these roads regularly – in any other part of the world they would probably be major tourist movements. This would diminish the road's appeal to locals especially cyclists. I note that I am one rural grazing properties and below wonderful sandstone escarpments. I cycle with my young kids of the relatively few lucky cyclists to have enjoyed the magnificent Lee Creek and Upper Bylong Lee Creek road – this road is fine just as it is and should not be upgraded to allow faster traffic Way'. One option is an upgrade of Lee Creek Road. I object to any proposal by Kepco to 'upgrade' Section 3.14.4 outlines options for maintaining a 'reasonable level of access to the Bylong Valley purposes etc? please be expanded to include others such as myself who use Lee Creek Road for recreation Roads. These two roads wind through a beautiful valley, through undulating (and highly productive)

Valley Way. Their proposed destruction of the Upper Bylong Road is bad enough. public and their justification for doing so is weak given they have good alternative access to Bylong Additionally Kepco should never be granted permission to close (the public) Lee Creek Road to the

Biodiversity offset strategy

development anyway. So where is the net benefit? The mine will have significant impacts on White Box – Yellow box – Blakely's Red gum Grassy Woodland – these impacts are clearly obvious – and yet protection because the areas set aside to be protected are extremely unlikely to be ever subject to The biodiversity offset strategy outlined in the EIS will deliver no net benefits for fauna or flora

agricultural and natural bushland. work. The offset areas will not be developed - noting the local land use which is primarily the biodiversity offset strategy is proposed as a means of addressing these impacts. Well, it won't

Greenhouse gas impacts

globally felt and are therefore warrant inclusion. the economic analysis. While intended to take place in Korea, the greenhouse gas impacts are of coal, will have a significant greenhouse gas impact and should be quantified and the costs fed into implications of burning the coal that will be extracted from the proposed mine. Clearly the burning The Economic Impact Assessment report (September 2015) does not quantify the greenhouse gas

scale open cut coal mine? destruction the coal industry has wreaked on these areas. Then ask, should we permit a Korean drive through the Hunter Valley and also Ulan, and carefully observe the environmental I conclude this letter with an appeal to the final consent authority for this project to take a slow energy company to destroy the iconic Australian landscape that is the Bylong Valley with a large

Yours sincerely

Andy Hawkins

27 October 2015