

01 July 2020

Essential Services Commission of South Australia
Attn: Georgina Lawrence
Manager, Licensing and Compliance
Level 1, 151 Pirie Street Adelaide SA 5000
GPO Box 2605 Adelaide SA 5001

Re: Prominent Hill Electricity Transmission Line License Variation

Dear Georgina,

Further to our recent discussions with ESCOSA, I am writing to request the proposed variation to the Electricity Transmission Line Licence, held by OZ Minerals for our 132kV power line.

OZ Minerals currently holds a licence to own, operate and maintain the 132kV powerline from the substation at Olympic Dam to Prominent Hill. SA Power Networks is contracted to inspect, service and maintain the existing 132kV line and other electrical equipment on site. There will be no additional resources needed for the additional infrastructure as OZ Minerals and SA Power Networks have a formal agreement in place in the form of a Maintenance Contract (PRH-CON-048A) and SA Power Networks has been continuously managing the electrical maintenance and supply restoration requirements of the Prominent Hill site since November 2008.

SA Power Networks is resourced with very experienced operational personnel and tradesmen in both the powerline and substation categories of electrical assets. SA Power Networks also has a very comprehensive technical support resource pool inclusive of engineers, designers, project managers, logistic officers, planners and administration staff. SA Power Networks' staff who perform contracting work for OZ Minerals at Prominent Hill are very experienced and benefit from their time working on the regulated asset managed by SA Power Networks. SA Power Networks' work at Prominent Hill operations is overseen by the site electrical supervisor.

ElectraNet has been contracted to build, own, operate and maintain a new 275kV line on behalf of OZ Minerals. The new lines will run from Davenport to Mt Gunson South, a switchyard at Mt Gunson South, a 132kV line from the switchyard to our new Carrapateena mine site and a new 132kV line from Mt Gunson South to tie in to our existing 132kV line approximately 8km north of Olympic Dam. High level details of the work are as per the attached project road map.

Additionally, the substation at Prominent Hill is currently being upgraded to consist of the following, which is highlighted on the attached drawings:

- New 132/11kV 45 MVA transformer.
- New 11kV Switch room.

- New control room.
- New 132kV circuit breaker.
- New 132kV rotary disconnecter and earth switch.
- 2 of 11kV 16MVA STATCOMs.

For the purpose of the updated licence, the future OZ Minerals Prominent Hill 132kV network will comprise of:

- A 132kV single circuit powerline utilising "Lemon" ACSR conductor extending from the connection point with the Electranet owned and operated 132kV line at structure F1881-0491 to the Prominent Hill 132/11-33 kV substation located at Prominent Hill
- A 132/11-33 kV substation located at Prominent Hill comprising of:
 - o Three 132/11 kV 45MVA transformers
 - o Two 11/33kV transformers
 - o Reactive powerplant comprising of two 11kv 16MVA STATCOMs with associated switchgear and protection systems
- 11kV reticulation to the mine site village

It is proposed the existing ODPH T/L will be cut between structures CN587A and CN587B. The line will be removed from CN587A and CN587B and transferred to the two new structures. The new structure on F1881 will be numbered F1881-0491 and the other will be used to terminate the existing line back to Olympic Dam. This structure is yet to be named but for convenience we will call it CN587A (new).

The cut-in will not exceed the line design parameters of the existing line and particularly the existing structures immediately adjacent to the cut-in. It is noted that detailed information on the existing line design is not completed as it is under construction, so the information has been obtained from the existing line schedule and the PLS-CAD model of the line.

For your reference I have also attached OZ Minerals' 2017, 2018, & 2019 ASX full year reports and 2020 Q1 ASX Release, development approval for the project, and OZ Minerals' Safety, Reliability, Maintenance and Technical management plan (SRMTMP) which is reviewed annually and covers our compliance with the Electricity Act 1996 and OZ Minerals' Risk Management Specifications.

Sincerely,



Martin White
Superintendent - Maintenance

OZ Minerals

Encl: 20191016 - OZ Minerals Prominent Hill Pty Ltd - Electricity Transmission Licence
P190118-EL-DWG001{0} (1)
H2H connection point diagram
3_02114_420_175_REV_B
LREP-DES-00647_Rev_A
H2H-5200-APR-APL-0001 (development approval)
OZMinerals_2017_FY_Financial_Results_ASX
190227_ASX_Release_-_OZL_2018_FY_Results
200218_OZL_2019_Full_Year_Financial_Results
200415_OZL_ASX_Release_-_Q1_2020_Results
3 3 0PLN001 Safety Reliability Maintenance and Technical Management Plan_v15 (4)
Risk Management Specification