



High voltage installations - submissions

EnergySafety's document "WA Electrical Requirements" (WAER) Section 7 "High Voltage Installations" describes in general terms, the requirements for high voltage (HV) installations to be designed, constructed, maintained and operated by competent persons to ensure the safety of personnel, equipment, property and the public.

Section 7.4 "Submission of Proposal" of the WAER specifies that details of proposed HV installations, certified as complying with all the Electricity (Licensing) Regulations 1991 requirements by a professionally qualified electrical engineer, must be submitted to the network operator prior to equipment purchase and construction commencement. The technical details required in submissions are listed in Section 7.4, including the name of the person who will be responsible for the operation of the installation.

Section 2 "Definitions" of the WAER defines 'Network Operator' as:

- Western Power Corporation and all "supply authorities" as defined in the Act (ie. Persons who supply electricity to the public), and
- Independent power producers, that is persons who have an authorisation under the *Electricity Act 1947* (Section 7), any other Act, or an Agreement Act, to supply electricity to certain persons or consumers, other than those who are tenants on the same site.

In the case of mine sites, the submission should be forwarded to the Resources Safety Division of the Department of Mines and Petroleum, in accordance with regulation 5.18 of the Mines Safety and Inspection Regulations 1995.

Section 1 "Introduction" (and regulation 3 of the Electricity (Licensing) Regulations 1991) specifies that in areas where there is no distribution network (or mine site installation), EnergySafety is to be taken as the network operator, such as for the submission of Notices. However, this requirement does not apply to the submission of HV proposals, and accordingly, a submission is not required to be forwarded to EnergySafety or any other third party in such cases.

In other words, in the case of (proposed) isolated HV installations that are not mine sites, a HV submission is not required. The installation must, however, comply with the relevant requirements of the Electricity (Licensing) Regulations 1991 and the WAER.