



MINISTER FOR THE ENVIRONMENT AND HERITAGE

Statement No.

000603

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**TRANSMISSION LINE FROM PINJAR GAS TURBINE GENERATING STATION
TO CATABY SUBSTATION**

Proposal: The construction and operation of a transmission line, with a maximum capacity of 330 kilovolts and approximately 123 kilometres in length from the Pinjar gas turbine generating station to the Cataby substation, as documented in schedule 1 of this statement.

Proponent: Western Power Corporation

Proponent Address: GPO Box L921, PERTH WA 6842

Assessment Number: 1356

Report of the Environmental Protection Authority: Bulletin 1046

The proposal referred to above may be implemented subject to the following conditions and procedures:

Procedural conditions

1 Implementation and Changes

- 1-1 The proponent shall implement the proposal as documented in schedule 1 of this statement subject to the conditions of this statement.
- 1-2 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is substantial, the proponent shall refer the matter to the Environmental Protection Authority.

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- 1-3 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is not substantial, the proponent may implement those changes upon receipt of written advice.

2 Proponent Commitments

- 2-1 The proponent shall implement the environmental management commitments documented in schedule 2 of this statement.
- 2-2 The proponent shall implement subsequent environmental management commitments which the proponent makes as part of the fulfilment of the conditions in this statement.

3 Proponent Nomination and Contact Details

- 3-1 The proponent for the time being nominated by the Minister for the Environment and Heritage under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment and Heritage has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Department of Environmental Protection of any change of contact name and address within 60 days of such change.

4 Commencement and Time Limit of Approval

- 4-1 The proponent shall provide evidence to the Minister for the Environment and Heritage within five years of the date of this statement that the proposal has been substantially commenced or the approval granted in this statement shall lapse and be void.

Note: The Minister for the Environment and Heritage will determine any dispute as to whether the proposal has been substantially commenced.

- 4-2 The proponent shall make application for any extension of approval for the substantial commencement of the proposal beyond five years from the date of this statement to the Minister for the Environment and Heritage, prior to the expiration of the five-year period referred to in condition 4-1.

The application shall demonstrate that:

- the environmental factors of the proposal have not changed significantly;
- new, significant, environmental issues have not arisen; and
- all relevant government authorities have been consulted.

Note: The Minister for the Environment and Heritage may consider the grant of an extension of the time limit of approval not exceeding five years for the substantial commencement of the proposal.

Environmental conditions

5 Compliance Audit

5-1 The proponent shall prepare an audit program in consultation with and submit compliance reports to the Department of Environmental Protection which address:

- the implementation of the proposal as defined in schedule 1 of this statement;
- evidence of compliance with the conditions and commitments; and
- the performance of the environmental management plans and programs.

Note: Under sections 48(1) and 47(2) of the *Environmental Protection Act 1986*, the Chief Executive Officer of the Department of Environmental Protection is empowered to audit the compliance of the proponent with the statement and should directly receive the compliance documentation, including environmental management plans, related to the conditions, procedures and commitments contained in this statement.

Usually, the Department of Environmental Protection prepares an audit table which can be utilised by the proponent, if required, to prepare an audit program to ensure that the proposal is implemented as required. The Chief Executive Officer is responsible for the preparation of written advice to the proponent, which is signed off by either the Minister or, under an endorsed condition clearance process, a delegate within the Environmental Protection Authority or the Department of Environmental Protection that the requirements have been met.

Procedures

- 1 Where a condition states "to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority", the Chief Executive Officer of the Department of Environmental Protection will obtain that advice for the preparation of written advice to the proponent.
- 2 The Environmental Protection Authority may seek advice from other agencies, as required, in order to provide its advice to the Chief Executive Officer of the Department of Environmental Protection.

Notes

- 1 The Minister for the Environment and Heritage will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environmental Protection over the fulfilment of the requirements of the conditions.

Dr Judy Edwards MLA
MINISTER FOR THE ENVIRONMENT AND HERITAGE

21 AUG 2002

Schedule 1

The Proposal (Assessment No. 1356)

The proposal involves the construction and operation of a transmission line with a maximum capacity of 330 kilovolts from Western Power Corporation's gas turbine generating station at Pinjar to a substation at Cataby.

The transmission line route is approximately 123 kilometres in length and traverses approximately 60 kilometres of native vegetation (See Figure 1). Where possible the line follows existing roads and tracks to minimise the clearing of vegetation. The transmission line, which is primarily lattice tower construction up to 60 metres high, traverses Bush Forever Site 380, State Forest 65 South (including Gngangara Park), Gingin Stock Route Nature Reserve, State Forest 65 North and private property.

The key characteristics of the proposal are summarised in Table 1 below.

Table 1: Key Proposal Characteristics

| Element | Quantities/Description |
|---|--|
| Period of construction | 20 months approximately |
| Locality | From the Pinjar gas turbine station to the Cataby substation, following a route west of the Brand Highway. |
| Local Government areas traversed | City of Wanneroo Shire of Dandaragan Shire of Gingin |
| Length of line | 123 kilometres approximately |
| Line voltage | Maximum 330 kilovolts |
| Tower height | Maximum 60 metres |
| Minimum phase conductor to ground clearance | 7 metres |
| Average phase conductor to ground clearance | 9 metres |
| Span between towers | 400 metres approximately |
| Width of management corridor | 60 metres |
| Area of temporary vegetation disturbance | 38.4 hectares approximately |
| Area of permanent vegetation clearing | 2.9 hectares approximately |
| Conservation areas traversed | Bush Forever Site 380 State Forest 65 - South Gingin Stock Route Nature Reserve State Forest 65 - North |
| Major proposal components | Lattice tower and pole construction Conductor stringing Maintenance |

Figure (attached)

Figure 1 - Pinjar to Cataby Transmission Line.

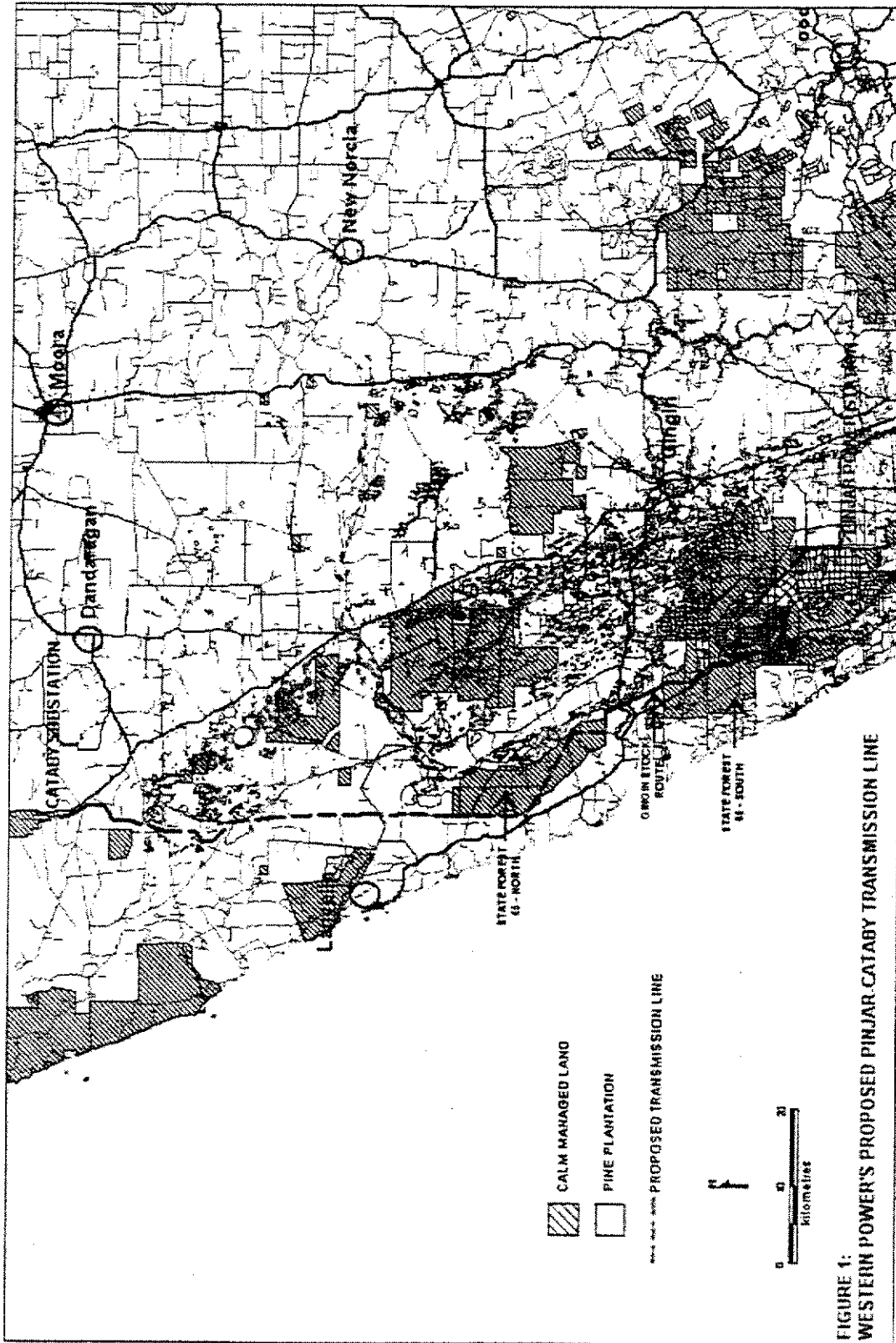


FIGURE 1:
WESTERN POWER'S PROPOSED PINJAR-CATOBY TRANSMISSION LINE

Figure 1: Western Power's Proposed Pinjar-Catoby Transmission Line

Proponent's Environmental Management Commitments

February 2002

TRANSMISSION LINE FROM PINJAR GAS
TURBINE GENERATING STATION
TO CATABY SUBSTATION
(Assessment No. 1356)

Western Power Corporation

Schedule 2: Proponent's Environmental Management Commitments for the Pinjar to Cataby Transmission Line (Assessment Number 1356).

| Topic | Objective/s | Action | Timing | Advice |
|----------------------------------|---|--|------------------------------------|--------------------|
| General Environmental Management | Manage environmental effects of the proposal. | <p>Commitment 1 Develop an Environmental Management Program (EMP) that:</p> <ol style="list-style-type: none"> 1. includes specific plans and procedures developed in consultation with concerned stakeholders through ongoing stakeholder liaison and discussion by the proponent's officers, which addresses construction and operational impacts and stakeholder concerns; 2. includes monitoring procedures and control of the activities of employees, agents and contractors to ensure adherence to environmental requirements identified in the EMP; 3. is integrated into the existing Western Power Corporate Environmental Management System and documented in the Environmental Management Information System (EMIS); and 4. incorporates a series of management plans addressing the following: <ol style="list-style-type: none"> (i) vegetation management (ii) weed management (iii) <i>Phytophthora</i> management (iv) "bird strike" management | Pre-construction | CALM WRC DIA |
| | | <p>Commitment 2 Implement the approved Environmental Management Program required by Commitment 1.</p> | Construction and Post-construction | CALM WRC |
| Vegetation | Minimise the impact of the proposal on remnant native vegetation including threatened species and vegetation communities. | <p>Commitment 3 Prepare a Vegetation Management Plan that addresses:</p> <ol style="list-style-type: none"> 1. a system of environmental offsets; 2. procedures to ensure that the transmission line does not reduce the overall area of remnant native vegetation within the State's secure conservation estate; and 3. the protection of Declared Rare and Priority species. <p>Commitment 4 Implement the approved Vegetation Management Plan required by Commitment 3.</p> | Pre-construction | CALM |
| | | | Construction and Post-construction | CALM |

| Topic | Objective/s | Action | Timing | Advice |
|---|---|--|------------------------------------|--------------------|
| Weeds | Control the spread of weeds along the transmission line corridor. | <p>Commitment 5 Prepare a Weed Management Plan that addresses:</p> <ol style="list-style-type: none"> 1. appropriate hygiene techniques to control the spread of noxious and environmental weeds along the proposed transmission line corridor between areas of native vegetation and agricultural land; 2. the conduct of post-construction audits; and 3. eradication of introduced weeds. | Pre-construction | CALM WRC DoA |
| | | <p>Commitment 6 Implement the approved Weed Management Plan required by Commitment 5.</p> | Construction and Post-construction | CALM WRC DoA |
| <i>Phytophthora cinnamomi</i> (Dieback) | Control the spread of <i>Phytophthora cinnamomi</i> resulting from activities associated with the proposal. | <p>Commitment 7 The proponent will prepare a <i>Phytophthora</i> Hygiene Management Plan based on the protectable areas protocol that addresses:</p> <ol style="list-style-type: none"> 1. land tenure, vegetation condition and identified access routes; 2. specific strategies addressing post-construction activities associated with transmission line maintenance; and 3. conduct of all activities within the Tiwest Joint Venture lease in accordance with that company's Dieback Management Plan. | Pre-construction | CALM |
| | | <p>Commitment 8 Implement the approved <i>Phytophthora</i> Hygiene Management Plan referred to in Commitment 7.</p> | Construction and Post-construction | CALM |
| Fauna | Minimise impact of the transmission line on birds. | <p>Commitment 9 Prepare a Management Plan to address the incidence of birds striking power lines.</p> | Pre-construction | CALM |
| | | <p>Commitment 10 Implement the approved Management Plan required by Commitment 9.</p> | Post-construction | |

| Topic | Objective/s | Action | Timing | Advice |
|----------------|--|---|--------------|--------|
| Visual Amenity | Ensure that visual amenity is not significantly affected by the proposal | <p>Commitment 11</p> <p>Use poles in place of towers for a distance of approximately 1.5 kilometres north and 3 kilometres south of the Moore River crossing, and for a distance of approximately 6 kilometres within the Wabling Hill area.</p> | Construction | |

Abbreviations:

CALM: Department of Conservation and Land Management
DIA: Department of Indigenous Affairs
DoA: Department of Agriculture
WRC: Water and Rivers Commission