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RENEWABLE ENERGY ZONE (CENTRAL-WEST ORANA) ORDER 2024

Under the

Electricity Infrastructure Investment Act 2020 (Act)

I, Penny Sharpe MLC, Minister for Energy, make the following Order under section 22(1) of the Act.

Dated this 17 day of April 2024

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Penny Sharpe MLC

Minister for Energy

RENEWABLE ENERGY ZONE (CENTRAL-WEST ORANA) ORDER 2024

1. Name of Order

This Order is the *Renewable Energy Zone (Central-West Orana) Order 2024*.

2. Commencement Date

This Order commences on the date that it is published in the Gazette.

3. Definitions

Unless otherwise defined in this Order, words and phrases defined in the Act have the same meaning in this Order or the CWO REZ declaration.

CWO REZ declaration means the Renewable Energy Zone (Central-West Orana) Order published in the Gazette on 5 November 2021, as amended by the Renewable Energy Zone (Central-West Orana) Order 2023.

4. Amendment of the CWO REZ declaration

The CWO REZ declaration is hereby amended under this Order pursuant to section 22(1) of the Act.

Schedule 2 of the CWO REZ declaration is amended as shown in Schedule 2 to this Order pursuant to section 22(1)(b) of the Act.

Schedule – Amendment to the CWO REZ declaration

**RENEWABLE ENERGY ZONE (CENTRAL-WEST ORANA) ORDER
2021**

1. Name of Order

This Order is the *Renewable Energy Zone (Central-West Orana) Order 2021*.

2. Commencement Date

This Order commences on the date that it is published in the Gazette.

3. Definitions

Unless otherwise defined in this Order, words and phrases defined in the Act have the same meaning in this Order.

Act means the *Electricity Infrastructure Investment Act 2020*.

specified geographical area means the land identified as the 'Central-West Orana Renewable Energy Zone Geographical Area' in Schedule 1 of this Order.

4. Declaration of the Central-West Orana renewable energy zone

The Central-West Orana renewable energy zone is hereby declared and comprises:

(a) the specified geographical area; and

(b) the network infrastructure specified in Schedule 2 of this Order.

5. Intended network capacity for the network infrastructure in the renewable energy zone

The intended network capacity for network infrastructure in the Central-West Orana renewable energy zone is 6 gigawatts.

6. Central-West Orana renewable energy zone infrastructure planner

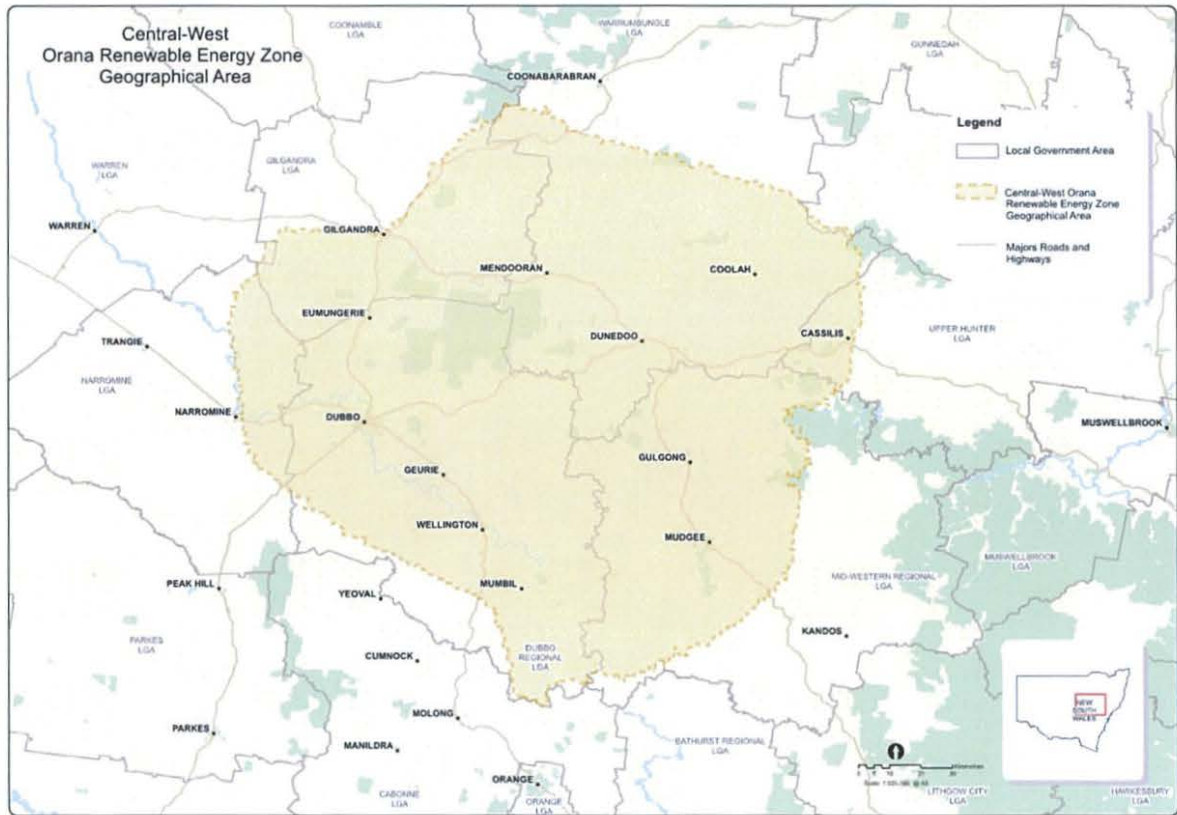
The Minister appoints the Energy Corporation as infrastructure planner for the Central-West Orana renewable energy zone upon commencement of this Order.

Schedule 1

1. Specified geographical area

The specified geographical area is the land identified as 'Central-West Orana Renewable Energy Zone Geographical Area' in Figure 1.

Figure 1: Map identifying the 'Central-West Orana Renewable Energy Zone Geographical Area'



Schedule 2

1. Specified network infrastructure

The following network infrastructure is specified:

- (a) Planned, new and existing network infrastructure in the specified geographical area.
- (b) To the extent not specified in clause 1(a) of this Schedule 2, planned and new network infrastructure operating at nominal voltages of 330kV or 500kV connecting:
 - (1) the existing network infrastructure operating at nominal voltages of 500kV connecting Bayswater 500kV substation, Wollar 500 kV substation and Mt Piper 500kV substation; and
 - (2) the existing network infrastructure operating at nominal voltages of 330kV connecting Wollar 500kV substation and Wellington 330kV substation.
- (c) Planned and new augmentations to the existing Wollar substation.
- (d) To the extent not specified in clause 1(a) of this Schedule 2, existing network infrastructure operating at nominal voltages of 330kV connecting Wollar 500kV substation and Wellington 330kV substation.
- (e) Planned and new network infrastructure in the specified geographical area operating at nominal voltages of 330kV or 500kV connecting to any other network infrastructure specified in this Schedule 2.
- (f) Planned and new network infrastructure outside the specified geographical area operating at nominal voltages of 330kV or 500kV connecting any network infrastructure specified in clause 1(e) of this Schedule 2 and:
 - (1) the existing network infrastructure operating at nominal voltages of 500kV connecting Bayswater 500kV substation, Wollar 500 kV substation and Mt Piper 500kV substation; or
 - (2) any other network infrastructure specified in this Schedule 2.
- (g) Planned and new network infrastructure operating at nominal voltages of 330kV or 500kV at Liddell 330kV substation, Bayswater 500kV substation, Wollar 500kV substation, Mt Piper 500kV substation or Wallerawang 330kV substation.
- (h) Planned and new network infrastructure operating at nominal voltages of 330kV or 500kV connecting Liddell 330kV substation, Bayswater 500kV substation, Wollar 500kV substation, Mt Piper 500kV substation and Wallerawang 330kV substation.

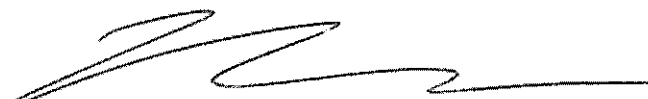
ELECTRICITY SUPPLY (TRANSMISSION SYSTEM) ORDER 2024

Under the

Electricity Supply Act 1995

I, Penelope Sharpe MLC, Minister for Energy, make the following Order under section 93 of the *Electricity Supply Act 1995*.

Dated this 17 April 2024



Penelope Sharpe MLC

Minister for Energy

ELECTRICITY SUPPLY (TRANSMISSION SYSTEM) ORDER 2024

Under the

Electricity Supply Act 1995

1. Name of Order

This Order is the *Electricity Supply (Transmission System) Order 2024*.

2. Commencement Date

This Order commences on the date that it is published in the Gazette.

3. Definitions

Unless otherwise defined below, words and phrases in the ES Act have the same meaning in this Order.

CWO Transmission System means the electricity power lines and associated equipment and electricity structures for the Central-West Orana renewable energy zone as specified in clause 6 of this Order.

Dedicated Connection Assets has the meaning given in the National Electricity Rules.

Diagram means the diagram set out in Annexure A.

Energy Hub means a substation identified in clause 6(a)(2) or clause 6(a)(3) of this Order.

ES Act means the *Electricity Supply Act 1995*.

H2P Separable Portion means:

- (a) the H2P Switching Stations in the H2P Separable Portion as set out in the Schedule to this Order; and
- (b) a single or double circuit transmission line between the relevant Energy Hub and each of those H2P Switching Stations, indicatively as shown in the Map,

generally as described in the Diagram.

H2P Switching Stations means the switching stations described in the Schedule to this Order.

Map means the map set out in Annexure B.

National Electricity Rules has the same meaning as in the National Electricity (NSW) Law, as modified or disappplied pursuant to the *Electricity Infrastructure Investment Act 2020*.

4. Declaration as transmission system

The electricity power lines and associated equipment and electricity structures comprising the CWO Transmission System are declared to be a transmission system for the purposes of the *Electricity Supply Act 1995*.

5. Interpretation

In this Order, unless the context requires otherwise:

- (a) headings are used for convenience only and do not affect the interpretation of this Order;
- (b) the singular includes the plural and vice versa; and
- (c) a reference to a statute, ordinance, code or other law includes regulations and other instruments under it and consolidations, amendments, re-enactments or replacements of any of them.

6. CWO Transmission System

The CWO Transmission System comprises:

- (a) a 500 kV transmission network from Wollar to Elong Elong via Merotherie comprising:
 - (1) a 500 kV switching station at Barigan Creek generally at the location shown in the Map;
 - (2) a 500/330 kV substation at Merotherie generally at the location shown in the Map (**Merotherie Energy Hub**);
 - (3) a 330kV substation at Elong Elong generally at the location shown in the Map (**Elong Elong Energy Hub**);
 - (4) a transmission line from the Barigan Creek switching station to the Merotherie Energy Hub comprising two 500 kV double circuit lines, indicatively as shown in the Map; and
 - (5) a transmission line from the Merotherie Energy Hub to the Elong Elong Energy Hub comprising two 500 kV double circuit lines indicatively as shown in the Map,

with an operating voltage of 330 kV or 500kV and generally as described in the Diagram;

- (b) transmission lines and switching stations comprising the H2P Separable Portions, with an operating voltage of 330 kV;
- (c) synchronous condensers, power transformers, switchgear and reactive plant at the Energy Hubs;
- (d) all other control, communications, protection and other associated equipment and electricity structures necessary for the control and operation of the electricity power lines and associated equipment and electricity structures described in clauses 6(a), (b) and (c) of this Order; and
- (e) any change, modification or addition to the electricity power lines and associated equipment and electricity structures described in clauses 6(a), (b), (c) and (d) of this Order.

The CWO Transmission System does not include any Dedicated Connection Assets.

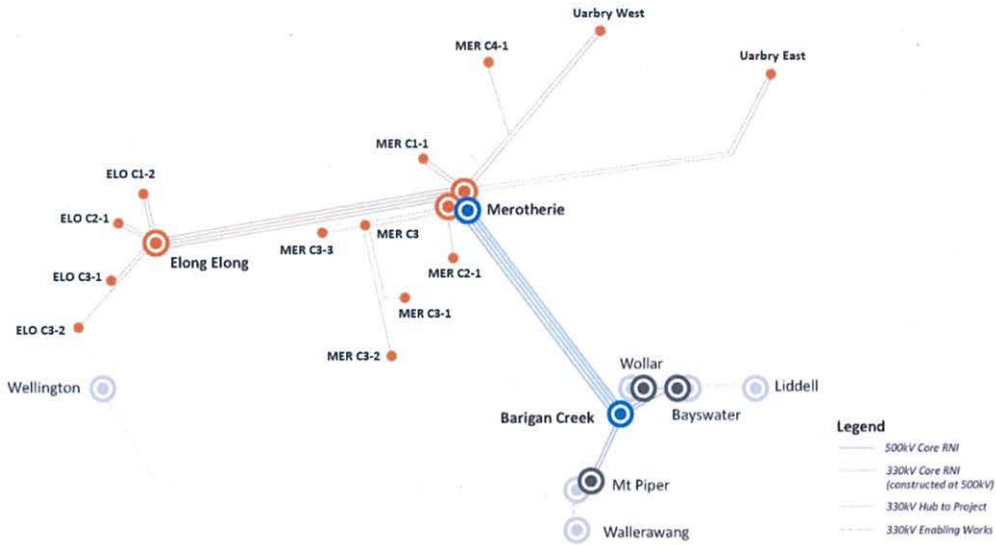
Schedule

H2P Switching Stations

H2P Separable Portion (SP)	H2P Switching Stations
Separable Portion 3 (SP3)	<ul style="list-style-type: none"> • A "MER C3" switching station generally at the location shown in the Map. • A "MER C3-1" switching station generally at the location shown in the Map. • A "MER C3-2" switching station generally at the location shown in the Map. • A "MER C3-3" switching station generally at the location shown in the Map.
Separable Portion 4 (SP4)	<ul style="list-style-type: none"> • A "MER C2-1" switching station generally at the location shown in the Map.
Separable Portion 5 (SP5)	<ul style="list-style-type: none"> • A Uarbry East switching station generally at the location shown in the Map.
Separable Portion 6 (SP6)	<ul style="list-style-type: none"> • A Uarbry West switching station generally at the location shown in the Map. • A "MER C4-1" switching station generally at the location shown in the Map.
Separable Portion 7 (SP7)	<ul style="list-style-type: none"> • A "MER C1-1" switching station generally at the location shown in the Map.
Separable Portion 8 (SP8)	<ul style="list-style-type: none"> • A "ELO C1-2" switching station generally at the location shown in the Map.
Separable Portion 9 (SP9)	<ul style="list-style-type: none"> • A "ELO C2-1" switching station generally at the location shown in the Map.
Separable Portion 10 (SP10)	<ul style="list-style-type: none"> • A "ELO C3-1" switching station generally at the location shown in the Map. • A "ELO C3-2" switching station generally at the location shown in the Map.

Annexure A

Diagram



Annexure B

Map

