

**CHEVRON AUSTRALIA — GORGON CARBON CAPTURE AND STORAGE
WESTERN POWER — SINGLE RESIDENTIAL CONNECTION APPLICATIONS**

Questions without Notice 1450 and 1526 — Answers

HON MATTHEW SWINBOURN (East Metropolitan — Parliamentary Secretary) [4.59 pm]: I would like to provide answers to Hon Dr Brad Pettitt's question without notice 1450 asked on 15 November, and Hon Steve Martin's question without notice 1526 asked on 28 November. I seek leave to have both answers incorporated into *Hansard*.

[Leave granted for the following material to be incorporated.]

Question without notice 1450 —

- (1)–(2) These questions should be asked of the relevant Minister, the Minister for Environment.
- (3) Carbon dioxide injection rates at Gorgon are managed by Chevron in accordance with the risk management strategy as part of the Gorgon carbon dioxide disposal management plan (CDMP) approved under the *Barrow Island Act 2003* and revised from time to time. The *Environmental Protection Act 1986* Ministerial Statement conditions require Chevron to implement all measures to achieve injection of at least 80 per cent of reservoir carbon dioxide. The Department of Mines, Industry Regulation and Safety is currently assessing proposals from Chevron, submitted under the Gorgon carbon dioxide project pipeline licence for increasing the number of pressure management wells, which when implemented will potentially increase carbon dioxide injection rates to a level that would meet the injection targets.
- (4) The Intergovernmental Panel on Climate Change considers carbon capture and storage (CCS) technology as a critical carbon dioxide mitigation option for the power sector, along with cement and chemical production. Currently, 30 commercial scale CCS facilities are in operation worldwide with a capture capacity of 42.5 million tonnes per annum (mtpa), and about 165 projects in various stages of development with a capture capacity of about 200 mtpa.

Question without notice 1526 —

- (1) The following table lists the single residential connections by suburb for FY 2022–23:

Suburb	# of new applications	Suburb	# of new applications
Total	896	KONDININ	1
ABBEY	2	KOONDOOLA	1
ALBANY	1	KOORDA	1
ALFRED COVE	1	KULIN	1
ALKIMOS	3	KULIN WEST	1
ALLANSON	1	LAKE CLIFTON	2
AMELUP	1	LAKE GRACE	1
APPLECROSS	5	LANCELIN	3
ARDROSS	2	LANDSDALE	1
ARMADALE	4	LATHLAIN	4
ARTHUR RIVER	1	LEEDERVILLE	2
ASCOT	5	LEEMING	1
ASHBY	1	LESCENAULT	3
ASHFIELD	1	LEXIA	1
ATTADALE	1	LITTLE GROVE	3
AUGUSTA	3	LOWER CHITTERING	4
AUSTRALIND	4	MADDINGTON	2
BAKERS HILL	1	MADORA BAY	2
BALCATT	2	MAHOGANY CREEK	1
BALDIVIS	3	MAIDA VALE	2
BALGA	3	MANDURAH	4
BALINGUP	2	MANJIMUP	1
BALLAJURA	4	MANNING	1
BANJUP	1	MANYPEAKS	1
BANKSIA GROVE	2	MARANGAROO	1
BARRAGUP	1	MARANUP	1
BASSENDEN	3	MARDELLA	2
BATEMAN	1	MARGARET RIVER	3
BAYONET HEAD	2	MARMION	3
BAYSWATER	6	MARTIN	2
BEACONSFIELD	4	MARYBROOK	1
BECKENHAM	1	MAYLANDS	2
BEDFORD	3	MCKAIL	3
BEDFORDALE	1	MELVILLE	2
BEECHBORO	6	MERREDIN	3

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BEELIAR	1	MERU	1
BEJOORDING	1	METRICUP	2
BELHUS	1	MIDDLE SWAN	3
BELLEVUE	1	MIDDLETON BEACH	3
BELMONT	3	MIDLAND	1
BENNETT SPRINGS	1	MILLENDON	2
BENTLEY	2	MINDARIE	4
BERESFORD	1	MINIGIN	1
BEVERLEY	2	MOOLIABEENEE	1
BICTON	3	MOONYOONOOKA	1
BIG GROVE	1	MOORA	1
BINDOON	2	MORAWA	1
BINNINGUP	1	MORESBY	4
BLUFF POINT	1	MORLEY	12
BLYTHEWOOD	1	MOSMAN PARK	7
BODDINGTON	2	MOUNT BARKER	3
BOORAGOON	2	MOUNT CLARENCE	2
BOULDER	2	MOUNT HELENA	3
BOYANUP	1	MOUNT LAWLEY	1
BREMER BAY	2	MOUNT PLEASANT	5
BRIDGETOWN	7	MOUNT RICHON	1
BRIGADOON	1	MUCHEA	5
BROADWATER	2	MUCKENBURRA	1
BROOKHAMPTON	2	MUNDARING	3
BROOMEHILL	1	MYAREE	1
BROOMEHILL WEST	1	NANNUP	2
BULL CREEK	2	NAREMBEEN	3
BULLARING	1	NARRIKUP	3
BULLER	1	NEDLANDS	5
BULLFINCH	1	NOLLAMARA	2
BULLSBROOK	2	NORANDA	2
BUNBURY	3	NORNALUP	1
BUNICHE	1	NORTH BEACH	3
BURNS BEACH	1	NORTH BODALLIN	1
BURNSIDE	1	NORTH BOYANUP	1
BURRACOPPIN	1	NORTH COOGEE	3
BUSSELTON	2	NORTH DANDALUP	4
BYFORD	2	NORTH FREMANTLE	2
CANNING VALE	1	NORTH PERTH	7
CAPEL	7	NORTHAM	3
CAPEL RIVER	1	NORTHAMPTON	2
CARDUP	1	NOWERGUP	1
CAREY PARK	2	OAKFORD	2
CARINE	2	OGILVIE	1
CARLISLE	3	ORANGE GROVE	1
CARMEL	1	OSBORNE PARK	1
CARNAMAH	1	OSMINGTON	1
CAVERSHAM	1	PADBURY	3
CHIDLOW	1	PALGARUP	1
CHITTERING	3	PALMYRA	2
CHURCHLANDS	1	PARKWOOD	2
CITY BEACH	6	PEARSALL	1
CLACKLINE	1	PEMBERTON	1
CLAREMONT	2	PEPPERMINT GROVE	1
CLOVERDALE	3	PEPPERMINT GROVE BEACH	1
COLLIE	4	PERTH	7
COLLINGWOOD PARK	1	PERUP	2
COMO	6	PIARA WATERS	1

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COODANUP	2	PIESSE BROOK	1
COOGEE	2	PINWERNYING	2
COOKERNUP	2	PORONGURUP	2
COOLBELLUP	3	PORT DENISON	1
COOLBINIA	2	PORT KENNEDY	1
COOLOONGUP	1	QUAIRADING	1
COOLUP	2	QUEDJINUP	2
COOMBERDALE	1	QUEENS PARK	1
COONABIDGEE	1	QUINDALUP	2
COONDLE	1	QUINNINUP	6
CORRIGIN	1	QUINNS ROCKS	3
COTTESLOE	5	RANGEWAY	2
COURTENAY	1	RAVENSTHORPE	1
COWALLA	1	RAVENSWOOD	3
CRAIGIE	1	RED HILL	1
DALKEITH	8	REDMOND WEST	1
DALWALLINU	2	RIVERTON	1
DALYELLUP	1	ROCKINGHAM	6
DANDARAGAN	1	ROELANDS	1
DARCH	1	ROLEYSTONE	3
DARDANUP	1	ROSA BROOK	2
DARDANUP WEST	1	ROSSMOYNE	3
DARLING DOWNS	1	SAFETY BAY	5
DARLINGTON	1	SALTER POINT	1
DAYTON	2	SAN REMO	2
DEEPPDALE	1	SCARBOROUGH	5
DEEPPDENE	1	SCOTSDALE	1
DENMARK	6	SERPENTINE	4
DEVILS CREEK	1	SHACKLETON	1
DIANELLA	7	SHADFORTH	2
DONNYBROOK	2	SHELLEY	1
DOUBLEVIEW	5	SHOALWATER	2
DOWERIN	1	SINGLETON	2
DUDLEY PARK	4	SOMERVILLE	1
DUMBARTON	1	SORRENTO	4
DUMBERNING	1	SOUTH BUNBURY	1
DUNCRAIG	4	SOUTH PERTH	8
DUNSBOROUGH	5	SOUTH YUNDERUP	1
EAGLE BAY	4	SOUTHERN RIVER	1
EAST BUNBURY	4	SPALDING	3
EAST CANNINGTON	1	SPEARWOOD	1
EAST FREMANTLE	3	SPRINGFIELD	1
EAST PINGELLY	1	STAKE HILL	1
EAST VICTORIA PARK	3	STIRLING	1
EAST WICKEPIN	1	STIRLING ESTATE	1
EDGEWATER	2	STONEVILLE	1
ELABBIN	1	SUBIACO	5
ELLENBROOK	1	SWAN VIEW	2
EMBLETON	1	SWANBOURNE	3
ENEABBA	1	TAKALARUP	1
FALCON	6	TARCOOLA BEACH	1
FERNDAL	1	THE LAKES	1
FLOREAT	1	THOMSON BROOK	2
FOREST GROVE	2	THORNLIE	2
FORRESTDALE	1	THROSSELL	1
FREMANTLE	9	TOODYAY	1
GABBADAH	1	TORNDIRUP	1
GELORUP	4	TREETON	2

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GEOGRAPHE	1	TRIGG	2
GERALDTON	2	TUART HILL	1
GIDGEGANNUP	2	TWO ROCKS	2
GIRRAWHEEN	2	UDUC	1
GLEDHOW	1	UPPER CAPEL	1
GLEN FORREST	1	UTAKARRA	2
GLEN IRIS	1	VASSE	1
GLENFIELD	2	VICTORY HEIGHTS	2
GOLDEN BAY	1	VIVEASH	1
GOOSEBERRY HILL	2	WAGGRAKINE	2
GOSNELLS	2	WAGIN	4
GREEN HEAD	1	WAIKIKI	3
GREENOUGH	1	WALGOOLAN	1
GREENWOOD	3	WALLISTON	1
GUILDERTON	1	WALPOLE	1
HALLS HEAD	5	WANDERING	3
HAMERSLEY	1	WANDI	1
HAMILTON HILL	8	WANDINA	1
HARRIS RIVER	1	WANNANUP	1
HAY	1	WANNEROO	4
HAZELVALE	1	WAROONA	1
HEATHRIDGE	2	WARRALAKIN	2
HERNE HILL	3	WARWICK	1
HERRON	1	WATERMANS BAY	1
HIGHGATE	1	WELLARD	1
HILBERT	2	WELLINGTON MILL	1
HILLARYS	5	WEMBLEY	1
HOPELAND	1	WEMBLEY DOWNS	2
HORROCKS	1	WEST BUSSELTON	2
ILLAWARRA	1	WEST LEEDERVILLE	2
INNALOO	3	WEST SWAN	1
JALBARRAGUP	1	WEST TOODYAY	1
JANDAKOT	2	WESTMINSTER	1
JARRAHDAL	1	WESTONIA	2
JENNACUBBINE	1	WHITE GUM VALLEY	3
JENNAPULLIN	1	WHITE PEAK	1
JINDALEE	1	WICKEPIN	1
JINDONG	1	WILGOYNE	1
JITARNING	1	WILLAGEE	1
JOONDALUP	1	WILLETTON	8
JOONDANNA	2	WILLIAMS	1
JULIMAR	1	WILSON	1
JURIEN BAY	1	WILYABRUP	2
KALAMUNDA	1	WINNEJUP	1
KALGAN	1	WITCHCLIFFE	1
KALLAROO	4	WITHERS	1
KAMBALDA WEST	1	WOKALUP	1
KANGAROO GULLY	2	WONGAN HILLS	2
KARAKIN	1	WOODANILLING	1
KARDINYA	2	WOODLANDS	2
KARNUP	2	WOODRIDGE	4
KARRIDALE	2	WOODVALE	2
KARRINYUP	4	WOORREE	1
KATANNING	1	WUNDOWIE	1
KELMSCOTT	1	WYALKATCHEM	2
KENDENUP	8	YABBERUP	1
KENSINGTON	4	YALLINGUP	10
KENTDALE	1	YALLINGUP SIDING	2

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KENWICK	1	YANCHEP	3
KEWDALE	3	YANGEBUP	1
KEYSBROOK	1	YARLOOP	1
KING RIVER	1	YATHROO	1
KINGSLEY	2	YOKINE	4
KOJONUP	3	YORK	6
KOKEBY	1	YOUNDEGIN	1

- (2) 55 applications have been completed, and 513 cancelled. The majority of applications received are for regional sites that are a significant distance from the existing network. The scope of the network expansion required can result in customer reassessing their power connection options leading to cancellation of the application.
- (3) The average delivery time for the 55 completed applications was 317 calendar days, reflecting the scale of the network build required to deliver these connections.
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