

Priority project name and ranking	Summary of project	Have steps been taken in the previous calendar year to implement the priority project?	Has the priority project been delivered?	Has the priority project improvement target been achieved?	If the priority project has been delivered, has AEMO been notified of any change in the limit?
Queensland – New South Wales Interconnector (Rank 1)	Changes to current transformer secondary ratios on 8C, 8E, 8L and 8M lines.	Yes	Yes	Yes	Yes
67 & 68 Murray – Dederang 330kV Switchbays (Rank 2)	Replace wave traps, disconnectors and change CT ratios and protection settings on 67 & 68 line switchbays at Murray 330/132kV Substation.	Yes	Yes	No	Yes
993 Line Protection & Metering Upgrade (Rank 3)	Replace the secondary systems panel for 993 Line at Wagga 330/132kV substation.	Yes	Yes	No	No
DLR - 83 Liddell – Muswellbrook, 84 Liddell – Tamworth 330, 85 & 86 Tamworth 330 – Armidale & 88 Muswellbrook – Tamworth 330 330kV Lines (Rank 4)	Install dynamic line ratings based on real time weather data on 83, 84, 85, 86 and 88 330kV Lines.	Yes	Yes	No	No
99P Line Protection & Metering Upgrade (Rank 5)	Changes to CT ratios at Gadara 132/66kV Substation.	Yes	Yes	No	No
DLR - 65 Murray – Upper Tumut & 66 Murray – Lower Tumut 330kV Lines (Rank 6)	Install dynamic line ratings based on real time weather data on 65 and 66 330kV Lines.	Yes	Yes	No	No
Extension of Directlink Tripping Scheme (Rank 7)	Extend the Directlink emergency tripping scheme to include the transformers at Lismore 330/132kV Substation, 872B bay at Armidale 330/132kV Substation and 872A, 872B and 892A bays at Coffs Harbour 330/132kV Substation.	Yes	Yes	Yes	Yes
976 Line Configuration & Protection Changes (Rank 8)	Install disconnector at Yass 330/132kV Substation and change of protection settings at Canberra 330/132kV Substation, Yass 330/132kV Substation and Queanbeyan 132/66kV Substation.	Yes	Yes	Yes	No
94E Mt Piper 132 – Wallerawang 132 Switchbays (Rank 9)	Replace interplant connections and change current transformer secondary ratios on the 94E Line switchbay at Wallerawang 330/132 kV Substation.	Yes	Yes	No	Yes
DLR - Northern 132kV System (Rank 10)	Install dynamic line ratings based on real time weather data on 967, 96R, 96T and 966 132kV Lines.	Yes	Yes	No	No
DLR - Snowy – Yass & Canberra 330kV Lines (Rank 11)	Install dynamic line ratings based on real time weather data on 01, 2, 3 and 07 330kV Lines.	Yes	Yes	No	No
Northern Reactive Plant Control Scheme (Rank 12)	The installation of reactive controller on the Queensland - New South Wales Interconnector (QNI) to maintain the Armidale SVC at near zero output, as well as emergency switching capability for the reactive equipment at Dumaresq and Armidale 330/132kV Substations.	Yes	Yes	Yes	Yes
DLR - 4 & 5 Yass – Marulan, 9 Yass – Canberra, 61 Yass – Bannaby & 39 Bannaby – Sydney West 330kV Lines (Rank 13)	Install dynamic line ratings based on real time weather data on 4, 5, 9, 61 and 39 Lines. Increase the height of transmission line conductor on 61 Line to achieve a 100 degrees C design temperature.	Yes	Yes	No	No
DLR - 969 Tamworth 330 – Gunnedah 132kV Line (Rank 14)	Install dynamic line ratings based on real time weather data on 969 Line.	Yes	Yes	No	No
81 & 82 Liddell – Newcastle & Tomago Lines (Rank 15)	Replace interplant connections on 81 & 82 Line switchbays at Liddell and Newcastle, and replace wave traps and change current transformer secondary ratios at Liddell.	Yes	No	No	No
Beryl Capacitor Bank (Rank 16)	Install a new capacitor bank at Beryl 132kV Substation.	Yes	Yes	No	No
TWFL - Snowy Lines (Rank 17)	Install travelling wave fault locators on the Snowy (01, 2, 3, 07, 64, 65, 66 and 97G) lines.	Yes	No	No	No
TWFL - North Western 132kV System (Rank 18)	Install travelling wave fault locators on the North Western (968, 969, 9U3 and 96M) lines.	Yes	No	No	No
TWFL - Northern 330kV Lines (Rank 19)	Install travelling wave fault locators on the Northern (83, 84, 88, 85&88 and 8C&8E) lines.	Yes	No	No	No
TWFL - Far North Coast 132kV System (Rank 20)	Install travelling wave fault locators on the Far North Coast (87, 89 and 96C) lines.	Yes	No	No	No
Point-on-Wave Switching for 132kV Capacitor Banks (Rank 21)	Replace standard 132kV circuit breakers with point-on-wave circuit breakers.	Yes	No	No	No
Point-on-Wave Switching for 66kV & Below Capacitor Banks (Rank 22)	Replace standard 66kV circuit breakers with point-on-wave circuit breakers.	Yes	No	No	No
Behaviour of Residential Solar During System Events (Rank 23)	Install high speed monitors on connection points with significant penetration of residential solar installations, and fault recorders at locations representative of various load types.	Yes	No	No	No
TWFL - Southern 330kV Network (Rank 24)	Install travelling wave fault locators on the Southern (63 and 51) Lines.	Yes	No	No	No
TWFL - Western 220kV Network (Rank 25)	Install travelling wave fault locators on the Western (X5/1, X5/3 and X2) lines.	Yes	No	No	No
Remote Interrogation of Protection Relays (Rank 26)	Install remote interrogation of protection relays at 13 substations and commission production servers.	Yes	Yes	Yes	Yes
Communications to Albury, ANM & Hume Substations (Rank 27)	Installation and commissioning of high bandwidth communications network (UGFO) to Albury, ANM and Hume substations.	Yes	No	No	No
Energy Storage (Rank 28)	Install a pilot energy storage device in the Sydney area.	Yes	No	No	No