

## Upcoming High-Impact Outages (HIOs) in the NEM

- Information Current as of: 27 September 2021 - 0849 hrs -

| Legend |                                       |  |                                       |
|--------|---------------------------------------|--|---------------------------------------|
|        | Newly Added Outage                    |  | Update(s) since the last notification |
|        | Withdrawn since the last notification |  |                                       |

| Region | NSP       | Start                        | Finish                       | Network Asset                             | Impact  | Recall                     | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration         |
|--------|-----------|------------------------------|------------------------------|---|---|----------------------------|--------------------------|------------|-------------|------------------|----------------|-----------------------------|
| NSW    | Transgrid | 23/09/2021 06:04<br>Thursday | 27/09/2021 12:00<br>Monday   | Dumaresq - Sapphire 330 kV line           | <<UPDATED since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM   | Day: 8 hrs<br>Night: 8 hrs | In Progress - PTP        |            |             | ✓                | ✓              | Commissioning<br>4.2 Days   |
| VIC    | AusNet    | 24/09/2021 00:44<br>Friday   | 28/09/2021 06:30<br>Tuesday  | Hazelwood - South Morang No.2 500 kV Line | <<NEW since the last notification>><br>This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could cause a large reduction in generation in Victoria. | Day: NA<br>Night: NA       | In Progress - PTP        |            |             |                  |                | Voltage Control<br>4.2 Days |
| VIC    | AusNet    | 28/09/2021 06:30<br>Tuesday  | 28/09/2021 17:00<br>Tuesday  | Hazelwood - South Morang No.2 500 kV Line | <<NEW since the last notification>><br>This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could cause a large reduction in generation in Victoria. | Day: 1 hr<br>Night: NA     | Planned - MTLTP          |            |             |                  |                | Maintenance<br>10.5 Hours   |
| NSW    | Transgrid | 28/09/2021 08:00<br>Tuesday  | 28/09/2021 17:00<br>Tuesday  | Tamworth Liddell PS (84) 330 kV Line      | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: 2 hrs | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>9 Hours    |
| VIC    | AusNet    | 28/09/2021 17:00<br>Tuesday  | 28/09/2021 17:30<br>Tuesday  | Hazelwood - South Morang No.2 500 kV Line | <<This outage has been WITHDRAWN!>><br>This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could cause a large reduction in generation in Victoria. | Day: 30 mins<br>Night: NA  | Withdrawn                |            |             |                  |                | Maintenance<br>30 Minutes   |
| VIC    | AusNet    | 28/09/2021 17:00<br>Tuesday  | 28/09/2021 17:30<br>Tuesday  | Hazelwood - South Morang No.2 500 kV Line | <<NEW since the last notification>><br>This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could cause a large reduction in generation in Victoria. | Day: 30 mins<br>Night: NA  | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>30 Minutes   |
| NSW    | Transgrid | 30/09/2021 06:00<br>Thursday | 30/09/2021 18:00<br>Thursday | Tamworth No.1 330 kV Bus                  | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: 2 hrs | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours   |

| Region | NSP         | Start                        | Finish                       | Network Asset                            | Impact  | Recall                     | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration       |
|--------|-------------|------------------------------|------------------------------|--|---|----------------------------|--------------------------|------------|-------------|------------------|----------------|---------------------------|
| NSW    | Transgrid   | 30/09/2021 06:00<br>Thursday | 30/09/2021 18:00<br>Thursday | Armidale - Tamworth (86) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Maintenance<br>12 Hours   |
| NSW    | Transgrid   | 30/09/2021 06:00<br>Thursday | 30/09/2021 18:00<br>Thursday | Tamworth Liddell PS (84) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 4 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| NSW    | Transgrid   | 01/10/2021 06:00<br>Friday   | 01/10/2021 18:00<br>Friday   | Tamworth No.1 330 kV Bus                 | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: 2 hrs | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| NSW    | Transgrid   | 01/10/2021 06:00<br>Friday   | 01/10/2021 18:00<br>Friday   | Armidale - Tamworth (86) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Maintenance<br>12 Hours   |
| NSW    | Transgrid   | 01/10/2021 06:00<br>Friday   | 01/10/2021 18:00<br>Friday   | Tamworth Liddell PS (84) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 4 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| VIC    | AusNet      | 01/10/2021 06:45<br>Friday   | 01/10/2021 17:00<br>Friday   | South Morang - Sydenham No.1 500 kV Line | This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could:<br>• Cause a large reduction in generation in Victoria<br>• Restrict power transfer across the Victoria - South Australia interconnector (Heywood interconnector). | Day: 1 hr<br>Night: NA     | Planned - MTLTP          |            |             |                  |                | Maintenance<br>10.3 Hours |
| NSW    | Transgrid   | 02/10/2021 06:00<br>Saturday | 02/10/2021 18:00<br>Saturday | Armidale - Tamworth (86) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| NSW    | Transgrid   | 02/10/2021 06:00<br>Saturday | 02/10/2021 18:00<br>Saturday | Tamworth No.1 330 kV Bus                 | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: 2 hrs | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| NSW    | Transgrid   | 02/10/2021 06:00<br>Saturday | 02/10/2021 18:00<br>Saturday | Tamworth Liddell PS (84) 330 kV Line     | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 4 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>12 Hours |
| NSW    | Transgrid   | 04/10/2021 06:00<br>Monday   | 04/10/2021 17:00<br>Monday   | Liddell to Muswellbrook (83) 330 kV Line | A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 4 hrs<br>Night: NA    | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>11 Hours |
| TAS    | TasNetworks | 04/10/2021 07:00<br>Monday   | 04/10/2021 15:00<br>Monday   | Sheffield - Farrell No.2 220 kV Line     | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.  | Day: 2 hrs<br>Night: NA    | Planned - MTLTP          |            |             | ✓                |                | Maintenance<br>8 Hours    |

| Region | NSP         | Start                        | Finish                       | Network Asset                            | Impact   | Recall                       | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration         |
|--------|-------------|------------------------------|------------------------------|--|--|------------------------------|--------------------------|------------|-------------|------------------|----------------|-----------------------------|
| TAS    | TasNetworks | 05/10/2021 06:00<br>Tuesday  | 05/10/2021 16:00<br>Tuesday  | Sheffield - Farrell No.1 220 kV Line     | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 1.5 hrs<br>Night: NA    | Planned - MTLTP          |            |             | ✓                |                | Maintenance<br>10 Hours     |
| NSW    | Transgrid   | 05/10/2021 06:00<br>Tuesday  | 05/10/2021 16:00<br>Tuesday  | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>10 Hours   |
| NSW    | Transgrid   | 07/10/2021 06:00<br>Thursday | 07/10/2021 16:00<br>Thursday | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>10 Hours   |
| NSW    | Transgrid   | 08/10/2021 06:00<br>Friday   | 08/10/2021 16:00<br>Friday   | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>10 Hours   |
| NSW    | Transgrid   | 09/10/2021 06:00<br>Saturday | 09/10/2021 16:00<br>Saturday | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>10 Hours   |
| NSW    | Transgrid   | 10/10/2021 06:00<br>Sunday   | 10/10/2021 16:00<br>Sunday   | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           | ✓                | ✓              | Commissioning<br>10 Hours   |
| NSW    | Transgrid   | 11/10/2021 05:00<br>Monday   | 15/10/2021 17:00<br>Friday   | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 18 hrs<br>Night: 18 hrs | Planned - MTLTP          |            |             |                  |                | Commissioning<br>4.5 Days   |
| VIC    | AusNet      | 12/10/2021 06:45<br>Tuesday  | 12/10/2021 17:00<br>Tuesday  | Keilor - South Morang 500 kV Line        | <<NEW since the last notification>><br>This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could:<br>• Cause a large reduction in generation in Victoria<br>• Restrict power transfer across the Victoria - South Australia interconnector (Heywood interconnector). | Day: 1 hr<br>Night: NA       | Planned - MTLTP          |            |             |                  |                | Maintenance<br>10.3 Hours   |
| NSW    | Transgrid   | 16/10/2021 05:30<br>Saturday | 16/10/2021 17:00<br>Saturday | Tamworth No.3 330 kV Bus                 | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 2 hrs<br>Night: NA      | Planned - MTLTP          |            | ✓           |                  | ✓              | Commissioning<br>11.5 Hours |

| Region | NSP       | Start                         | Finish                        | Network Asset                            | Impact   | Recall                  | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration         |
|--------|-----------|-------------------------------|-------------------------------|--|--|-------------------------|--------------------------|------------|-------------|------------------|----------------|-----------------------------|
| NSW    | Transgrid | 16/10/2021 05:30<br>Saturday  | 16/10/2021 17:00<br>Saturday  | Muswellbrook - Tamworth (88) 330 kV Line | <<NEW since the last notification>><br>A credible contingency event during this planned outage could cause:<br>• Synchronous separation of the Queensland region from the rest of the NEM  | Day: 3 hrs<br>Night: NA | Planned - MTLTP          |            | ✓           |                  | ✓              | Commissioning<br>11.5 Hours |
| VIC    | AusNet    | 16/10/2021 06:00<br>Saturday  | 16/10/2021 16:00<br>Saturday  | Red Cliffs-Wemen 220 kV Line             | <<NEW since the last notification>><br>This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions.  | Day: 2 hrs<br>Night: NA | Planned - SUBMIT         |            | ✓           | ✓                | ✓              | Maintenance<br>10 Hours     |
| VIC    | AusNet    | 19/10/2021 06:00<br>Tuesday   | 19/10/2021 16:00<br>Tuesday   | Keilor – Sydenham 500 kV Line            | This is a high impact outage only if the Forecast Operational Demand in Victoria region is greater than 7,000 MW<br>A credible contingency event during this planned outage could:<br>• Cause a large reduction in generation in Victoria<br>• Restrict power transfer across the Victoria - South Australia interconnector (Heywood interconnector).  | Day: 3 hrs<br>Night: NA | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>10 Hours     |
| QLD    | Powerlink | 25/10/2021 07:00<br>Monday    | 27/10/2021 14:00<br>Wednesday | Nebo - Broadsound (8847) 275 kV Line     | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: NA<br>Night: NA    | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>2.3 Days   |
| QLD    | Powerlink | 27/10/2021 14:01<br>Wednesday | 06/11/2021 17:00<br>Saturday  | Nebo - Broadsound (8847) 275 kV Line     | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: NA<br>Night: NA    | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>10.1 Days  |
| NSW    | Transgrid | 01/11/2021 04:00<br>Monday    | 01/11/2021 10:00<br>Monday    | Wagga (A) 330 kV Bus                     | <<NEW since the last notification>><br>This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>This outage offloads the Buronga to Darlington Point X5 220 kV line and restricts power transfer<br>• Between Victoria and New South Wales.<br>• Between South Australia and Victoria on Murraylink<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 2 hrs<br>Night: NA | Planned - SUBMIT         |            | ✓           | ✓                | ✓              | Commissioning<br>6 Hours    |

| Region | NSP       | Start                         | Finish                        | Network Asset                             | Impact   | Recall                       | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional            | Reason and Duration |
|--------|-----------|-------------------------------|-------------------------------|---|--|------------------------------|--------------------------|------------|-------------|------------------|---------------------------|---------------------|
| NSW    | Transgrid | 01/11/2021 05:00<br>Monday    | 03/11/2021 16:00<br>Wednesday | Buronga-Balranald (X3) 220kV line         | <<NEW since the last notification>><br>This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>During this planned outage power transfer will be restricted<br><ul style="list-style-type: none"> <li>Between Victoria and New South Wales.</li> <li>Between South Australia and Victoria on Murraylink</li> </ul> A credible contingency event during this planned outage may require: <ul style="list-style-type: none"> <li>Load shedding in the Victorian outer grid</li> <li>Market intervention through issuing of directions.</li> </ul> | Day: 12 hrs<br>Night: 12 hrs | Planned - SUBMIT         | ✓          | ✓           | ✓                | Commissioning<br>2.5 Days |                     |
| NSW    | Transgrid | 01/11/2021 05:30<br>Monday    | 01/11/2021 16:00<br>Monday    | Wagga - Darlington Point (63) 330 kV Line | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>This outage offloads the Buronga to Darlington Point X5 220 kV line and restricts power transfer<br><ul style="list-style-type: none"> <li>Between Victoria and New South Wales.</li> <li>Between South Australia and Victoria on Murraylink</li> </ul> A credible contingency event during this planned outage may require: <ul style="list-style-type: none"> <li>Load shedding in the Victorian outer grid</li> <li>Market intervention through issuing of directions.</li> </ul>    | Day: 2 hrs<br>Night: NA      | Planned - SUBMIT         | ✓          | ✓           | ✓                | Maintenance<br>10.5 Hours |                     |
| NSW    | Transgrid | 01/11/2021 06:00<br>Monday    | 06/11/2021 16:00<br>Saturday  | Lower Tumut - Wagga (051) 330 kV Line     | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>This outage offloads the Buronga to Darlington Point X5 220 kV line and restricts power transfer<br><ul style="list-style-type: none"> <li>Between Victoria and New South Wales.</li> <li>Between South Australia and Victoria on Murraylink</li> </ul> A credible contingency event during this planned outage may require: <ul style="list-style-type: none"> <li>Load shedding in the Victorian outer grid</li> <li>Market intervention through issuing of directions.</li> </ul>    | Day: 48 hrs<br>Night: 48 hrs | Planned - SUBMIT         | ✓          | ✓           | ✓                | Commissioning<br>5.4 Days |                     |
| NSW    | Transgrid | 03/11/2021 06:00<br>Wednesday | 03/11/2021 16:00<br>Wednesday | Buronga-Balranald (X3) 220kV line         | <<NEW since the last notification>><br>This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>During this planned outage power transfer will be restricted<br><ul style="list-style-type: none"> <li>Between Victoria and New South Wales.</li> <li>Between South Australia and Victoria on Murraylink</li> </ul> A credible contingency event during this planned outage may require: <ul style="list-style-type: none"> <li>Load shedding in the Victorian outer grid</li> <li>Market intervention through issuing of directions.</li> </ul> | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         | ✓          | ✓           | ✓                | Maintenance<br>10 Hours   |                     |

| Region | NSP       | Start                        | Finish                        | Network Asset                        | Impact  | Recall                       | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration       |
|--------|-----------|------------------------------|-------------------------------|--------------------------------------|---|------------------------------|--------------------------|------------|-------------|------------------|----------------|---------------------------|
| NSW    | Transgrid | 04/11/2021 05:00<br>Thursday | 05/11/2021 16:00<br>Friday    | Buronga-Balranald (X3) 220kV line    | <<NEW since the last notification>><br>This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>During this planned outage power transfer will be restricted <ul style="list-style-type: none"> <li>• Between Victoria and New South Wales.</li> <li>• Between South Australia and Victoria on Murraylink</li> </ul> A credible contingency event during this planned outage may require: <ul style="list-style-type: none"> <li>• Load shedding in the Victorian outer grid</li> <li>• Market intervention through issuing of directions.</li> </ul> | Day: 12 hrs<br>Night: 12 hrs | Planned - SUBMIT         |            | ✓           | ✓                | ✓              | Commissioning<br>1.5 Days |
| VIC    | AusNet    | 04/11/2021 06:00<br>Thursday | 04/11/2021 18:00<br>Thursday  | Heywood - Tarrone 500 kV Line        | A credible contingency event during this planned outage could cause synchronous separation of the South Australia region from the rest of the NEM.<br>During this planned outage: <ul style="list-style-type: none"> <li>• Power transfer will be restricted across the Victoria - South Australia interconnector (Heywood interconnector).</li> <li>• Post contingent FCAS will be sourced within SA following Separation event.</li> </ul>  | Day: 2 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>12 Hours   |
| VIC    | AusNet    | 05/11/2021 06:00<br>Friday   | 05/11/2021 18:00<br>Friday    | Heywood - Tarrone 500 kV Line        | A credible contingency event during this planned outage could cause synchronous separation of the South Australia region from the rest of the NEM.<br>During this planned outage: <ul style="list-style-type: none"> <li>• Power transfer will be restricted across the Victoria - South Australia interconnector (Heywood interconnector).</li> <li>• Post contingent FCAS will be sourced within SA following Separation event.</li> </ul>  | Day: 2 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>12 Hours   |
| NSW    | Transgrid | 06/11/2021 05:00<br>Saturday | 10/11/2021 17:00<br>Wednesday | Armidale - Tamworth (86) 330 kV Line | A credible contingency event during this planned outage could cause: <ul style="list-style-type: none"> <li>• Synchronous separation of the Queensland region from the rest of the NEM</li> </ul>   | Day: 8 hrs<br>Night: 8 hrs   | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>4.5 Days |

| Region | NSP         | Start                         | Finish                        | Network Asset                         | Impact  | Recall                   | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration       |
|--------|-------------|-------------------------------|-------------------------------|---------------------------------------|---|--------------------------|--------------------------|------------|-------------|------------------|----------------|---------------------------|
| VIC    | AusNet      | 06/11/2021 06:00<br>Saturday  | 06/11/2021 18:00<br>Saturday  | Heywood - Tarrone 500 kV Line         | A credible contingency event during this planned outage could cause synchronous separation of the South Australia region from the rest of the NEM.<br>During this planned outage:<br>• Power transfer will be restricted across the Victoria - South Australia interconnector (Heywood interconnector).<br>• Post contingent FCAS will be sourced within SA following Separation event. | Day: 2 hrs<br>Night: NA  | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>12 Hours   |
| QLD    | Powerlink   | 09/11/2021 11:00<br>Tuesday   | 09/11/2021 11:30<br>Tuesday   | Ross No.3 288/138/19 kV Transformer   | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.  | Day: 5 mins<br>Night: NA | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>30 Minutes |
| QLD    | Powerlink   | 10/11/2021 10:00<br>Wednesday | 10/11/2021 10:30<br>Wednesday | Ross No.4 288/138/19 kV Transformer   | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.  | Day: 5 mins<br>Night: NA | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>30 Minutes |
| TAS    | TasNetworks | 16/11/2021 07:00<br>Tuesday   | 16/11/2021 15:00<br>Tuesday   | Gordon - Chapel St No.1 220 kV Line   | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.  | Day: 2 hrs<br>Night: NA  | Planned - SUBMIT         |            |             | ✓                |                | Maintenance<br>8 Hours    |
| TAS    | TasNetworks | 17/11/2021 07:00<br>Wednesday | 17/11/2021 15:00<br>Wednesday | Gordon - Chapel St No.1 220 kV Line   | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.  | Day: 2 hrs<br>Night: NA  | Planned - SUBMIT         |            |             | ✓                |                | Maintenance<br>8 Hours    |
| QLD    | Powerlink   | 30/11/2021 08:30<br>Tuesday   | 30/11/2021 17:00<br>Tuesday   | Broadsound - Nebo (834) 275 kV Line   | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.  | Day: 3 hrs<br>Night: NA  | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>8.5 Hours  |
| QLD    | Powerlink   | 06/12/2021 07:00<br>Monday    | 06/12/2021 16:00<br>Monday    | Bouldercombe - Nebo (821) 275 kV Line | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.  | Day: 4 hrs<br>Night: NA  | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>9 Hours  |
| QLD    | Powerlink   | 07/12/2021 07:00<br>Tuesday   | 07/12/2021 16:00<br>Tuesday   | Bouldercombe - Nebo (821) 275 kV Line | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.  | Day: 4 hrs<br>Night: NA  | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>9 Hours  |
| TAS    | TasNetworks | 08/12/2021 07:00<br>Wednesday | 08/12/2021 16:00<br>Wednesday | Gordon - Chapel St No.2 220 kV Line   | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.  | Day: 2 hrs<br>Night: NA  | Planned - SUBMIT         |            |             | ✓                |                | Maintenance<br>9 Hours    |

| Region | NSP         | Start                         | Finish                        | Network Asset                          | Impact   | Recall                       | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration       |
|--------|-------------|-------------------------------|-------------------------------|--|--|------------------------------|--------------------------|------------|-------------|------------------|----------------|---------------------------|
| TAS    | TasNetworks | 09/12/2021 07:00<br>Thursday  | 09/12/2021 16:00<br>Thursday  | Gordon - Chapel St No.2 220 kV Line    | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 2 hrs<br>Night: NA      | Planned - SUBMIT         |            |             | ✓                |                | Maintenance<br>9 Hours    |
| TAS    | TasNetworks | 11/01/2022 07:00<br>Tuesday   | 11/01/2022 15:00<br>Tuesday   | Gordon - Chapel St No.2 220 kV Line    | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 2 hrs<br>Night: NA      | Planned - SUBMIT         |            |             | ✓                |                | Commissioning<br>8 Hours  |
| QLD    | Powerlink   | 10/02/2022 09:00<br>Thursday  | 10/02/2022 14:00<br>Thursday  | Ross No.4 288/138/19 kV Transformer    | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: 30 mins<br>Night: NA    | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>5 Hours    |
| TAS    | TasNetworks | 16/02/2022 07:00<br>Wednesday | 18/02/2022 15:00<br>Friday    | Gordon - Chapel St No.2 220 kV Line    | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 48 hrs<br>Night: 48 hrs | Planned - SUBMIT         |            |             | ✓                |                | Commissioning<br>2.3 Days |
| TAS    | TasNetworks | 24/02/2022 07:00<br>Thursday  | 24/02/2022 15:00<br>Thursday  | Gordon - Chapel St No.1 220 kV Line    | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 1 hr<br>Night: NA       | Planned - SUBMIT         |            |             | ✓                |                | Commissioning<br>8 Hours  |
| VIC    | AusNet      | 01/03/2022 06:00<br>Tuesday   | 01/03/2022 15:00<br>Tuesday   | Red Cliffs-Wemen 220 kV Line           | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 01/03/2022 06:00<br>Tuesday   | 01/03/2022 15:00<br>Tuesday   | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 02/03/2022 06:00<br>Wednesday | 02/03/2022 15:00<br>Wednesday | Red Cliffs-Wemen 220 kV Line           | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 03/03/2022 06:00<br>Thursday  | 03/03/2022 15:00<br>Thursday  | Red Cliffs-Wemen 220 kV Line           | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 09/03/2022 06:00<br>Wednesday | 09/03/2022 15:00<br>Wednesday | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |

| Region | NSP         | Start                         | Finish                        | Network Asset                          | Impact   | Recall                       | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration       |
|--------|-------------|-------------------------------|-------------------------------|--|--|------------------------------|--------------------------|------------|-------------|------------------|----------------|---------------------------|
| VIC    | AusNet      | 10/03/2022 06:00<br>Thursday  | 10/03/2022 15:00<br>Thursday  | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 16/03/2022 06:00<br>Wednesday | 16/03/2022 13:00<br>Wednesday | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>7 Hours    |
| QLD    | Powerlink   | 22/03/2022 09:00<br>Tuesday   | 22/03/2022 17:00<br>Tuesday   | Ross No.2 288/138/19 kV Transformer    | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: 3 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>8 Hours    |
| TAS    | TasNetworks | 04/04/2022 08:00<br>Monday    | 06/04/2022 16:00<br>Wednesday | Gordon - Chapel St No.1 220 kV Line    | A credible contingency event during this planned outage could cause a large reduction in generation in Tasmania.   | Day: 48 hrs<br>Night: 48 hrs | Planned - SUBMIT         |            |             | ✓                |                | Commissioning<br>2.3 Days |
| QLD    | Powerlink   | 05/04/2022 10:35<br>Tuesday   | 05/04/2022 16:00<br>Tuesday   | Strathmore - Ross (8857) 275 kV Line   | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: 1.5 hrs<br>Night: NA    | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>5.4 Hours  |
| VIC    | AusNet      | 20/04/2022 07:00<br>Wednesday | 20/04/2022 16:00<br>Wednesday | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| VIC    | AusNet      | 10/05/2022 07:00<br>Tuesday   | 10/05/2022 16:00<br>Tuesday   | Buronga - Redcliffs (OX1) 220 kV Line. | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA      | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours    |
| QLD    | Powerlink   | 10/05/2022 07:00<br>Tuesday   | 12/05/2022 17:00<br>Thursday  | Bouldercombe - Nebo (821) 275 kV Line  | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: 6 hrs<br>Night: 8 hrs   | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>2.4 Days |

| Region | NSP       | Start                         | Finish                        | Network Asset                               | Impact   | Recall                         | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration        |
|--------|-----------|-------------------------------|-------------------------------|---|--|--------------------------------|--------------------------|------------|-------------|------------------|----------------|----------------------------|
| VIC    | AusNet    | 11/05/2022 07:00<br>Wednesday | 11/05/2022 16:00<br>Wednesday | Buronga - Redcliffs (OX1) 220 kV Line.      | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA        | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours     |
| VIC    | AusNet    | 12/05/2022 07:00<br>Thursday  | 12/05/2022 16:00<br>Thursday  | Buronga - Redcliffs (OX1) 220 kV Line.      | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA        | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours     |
| VIC    | AusNet    | 13/05/2022 07:00<br>Friday    | 13/05/2022 16:00<br>Friday    | Buronga - Redcliffs (OX1) 220 kV Line.      | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA        | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours     |
| VIC    | AusNet    | 17/05/2022 07:00<br>Tuesday   | 17/05/2022 16:00<br>Tuesday   | Buronga - Redcliffs (OX1) 220 kV Line.      | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA        | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours     |
| QLD    | Powerlink | 24/05/2022 07:00<br>Tuesday   | 03/06/2022 17:00<br>Friday    | Bouldercombe - Broadsound (820) 275 kV Line | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: 120 hrs<br>Night: 120 hrs | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>10.4 Days |
| VIC    | AusNet    | 31/05/2022 07:00<br>Tuesday   | 31/05/2022 16:00<br>Tuesday   | Buronga - Redcliffs (OX1) 220 kV Line.      | This is a high-impact outage only if the forecast temperature at Red Cliffs is greater than 30 °C<br>A credible contingency event during this planned outage may require:<br>• Load shedding in the Victorian outer grid<br>• Market intervention through issuing of directions. | Day: 4 hrs<br>Night: NA        | Planned - SUBMIT         |            |             |                  |                | Maintenance<br>9 Hours     |
| QLD    | Powerlink | 02/08/2022 07:00<br>Tuesday   | 22/08/2022 17:00<br>Monday    | Nebo - Strathmore (8845) 275 kV Line        | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: NA<br>Night: NA           | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>20.4 Days |
| QLD    | Powerlink | 29/08/2022 07:00<br>Monday    | 16/09/2022 17:00<br>Friday    | Nebo - Strathmore (878) 275 kV Line         | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions.   | Day: NA<br>Night: NA           | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>18.4 Days |

| Region | NSP       | Start                       | Finish                       | Network Asset                               | Impact   | Recall                         | Status and Market Notice | Unplanned? | DNSP Aware? | Generator Aware? | Inter-Regional | Reason and Duration        |
|--------|-----------|-----------------------------|------------------------------|---|--|--------------------------------|--------------------------|------------|-------------|------------------|----------------|----------------------------|
| QLD    | Powerlink | 13/09/2022 07:00<br>Tuesday | 23/09/2022 17:00<br>Friday   | Bouldercombe - Broadsound (820) 275 kV Line | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions. | Day: 120 hrs<br>Night: 120 hrs | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>10.4 Days |
| QLD    | Powerlink | 17/10/2022 07:00<br>Monday  | 03/11/2022 17:00<br>Thursday | Nebo - Strathmore (8845) 275 kV Line        | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions. | Day: 24 hrs<br>Night: 48 hrs   | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>17.4 Days |
| QLD    | Powerlink | 06/02/2023 17:01<br>Monday  | 03/03/2023 17:00<br>Friday   | Strathmore No.1 275/132 kV Transformer      | This is a high impact outage because the recall time is greater than 30 minutes.<br>A credible contingency event during this planned outage may require market intervention through issuing of directions. | Day: NA<br>Night: NA           | Planned - SUBMIT         |            |             |                  |                | Commissioning<br>25 Days   |

The following fields of data are submitted by NSPs to AEMO.

✓ **Unplanned** - Outage is forced outage, trip or submitted with short notice.

✓ **DNSP(s) Aware** - The TNSP that submitted the outage confirms they have notified DNSP(s) that are impacted by this outage and made aware of the risks of next contingency.

✓ **Generator(s) Aware** - The TNSP that submitted the outage confirms they have notified generator(s) that are directly impacted by this outage and made aware of potential risks of next credible contingency.

✓ **Inter-Regional** - The TNSP that submitted the outage confirms they have notified other TNSP(s) that may be impacted by this outage, often in the neighbouring region.

#### Disclaimer

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