Generator Outage Detail Form – Form GEN04 (V2.1)

This must be submitted for outages in season (in the current year) and for outages in the coming season (i.e. next year).

# Section 1 of 4: Outage Details

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| **Unit** | **MW Unavailable** | **Outage Start Time/ Date** | **Outage Finish Time/ Date** | |
|  |  |  |  | |
| **Outage Reason** *(please provide as much detail as possible)* | | | | |
|  | | | | |
| **Is the Outage Timing Dependent on Generator Run Hours, Equivalent Run Hours or Starts** | | | | **Y/N** |
| **If Yes, please provide information on remaining run hours, equivalent run hours or starts.** | | | |  |
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# Section 2 of 4: Availability of supply to the Generator Transformer

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|  | **Y/N** | **If Yes, please provide details (including estimated dates)** |
| 1. Are ESBN operators required to switch out/in the Grid-Connected Transformer? |  |  |
| 1. Are there any restrictions as to **when** EirGrid can schedule outages of your generation connection assets during the unit outage? |  |  |
| 1. Is work planned on the Grid-Connected Transformer? |  |  |
| 1. If yes to question 3, is this work mutually exclusive with ESBN work on 110kV/ 220kV/ 400kV side? |  |  |
| 1. If yes to question 3, will ESBN be requested to remove earths from the transmission side outside of the Operational Instruction? |  |  |
| 1. If yes to question 3, will the HV connections of the bushings need to be removed as part of the work? |  |  |
| 1. If yes to question 3, will standard points of isolation/disconnection be provided in adherence with the Operational Instruction, if no, please provide more information? Note: if work is to be completed on a standard point(s) of isolation/disconnection per the Operation Instruction, a special procedure will be required with pre-approval and signoff from the Generator, ESBN and EirGrid in advance of the outage commencing. |  |  |

# Section 3 of 4: Testing

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|  | **Y/N** | **If Yes, please provide details (including estimated dates)** |
| Will there be **On-load Testing** during/immediately after the outage such the unit transformer would be required to be in service to facilitate exporting of energy? |  |  |
| Will there be any alteration to technical or operational capabilities, flexibilities or limitations of the Generation Unit (including auxiliaries) such that Grid Code Testing may be required?  *This may be due to ageing of plant or apparatus and include, but are not limited to, alterations to software, turbine overhaul, governor, AVR etc.* |  |  |

# Section 4 of 4: Commissioning & Energisation Requirements

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| **Will there been any *material* change to any of the HV equipment at the generator’s site such that:** | **Y/N** | **If Yes, please provide details (including estimated dates)** |
| An EirGrid **Energisation Instruction** (EI) will be required e.g. for invasive work on HV plant including CBs, VTs, CTs, connections, transformer, transformer auxiliaries, etc? Details of when an EI is needed are contained in the [Becoming Operational Generator Customer Information Pack](https://www.eirgrid.ie/site-files/library/EirGrid/Becoming-Operational-Generator-Customer-Information-Pack-Dec-2011.pdf), available on the EirGrid website. |  |  |
| **Design (**and/or **works)** are required to be carried out on the EirGrid side of the connection e.g. design and/or works affecting the interface such as protection, metering, interlocking, earthing, etc.? |  |  |
| a change to the **Operating Instruction** (as described in the [Becoming Operational Generator Customer Information Pack](https://www.eirgrid.ie/site-files/library/EirGrid/Becoming-Operational-Generator-Customer-Information-Pack-Dec-2011.pdf), available on the EirGrid website) for the associated HV transmission station is required? |  |  |