

EirGrid Ex-Post Outturn Availability Connection Asset Maintenance Report for the 2017 Outage Season



Introduction and Background

The Single Electricity Market Committee (SEMC) decision SEM-15-071 “Process for the Calculation of Outturn Availability” was published on 29 September 2015. The decision applies to both transmission and distribution connected Centrally Dispatched Generating Units (CDGUs) and Controllable Wind Farm Power Stations (WFPS) which are disconnected as a direct result of a transmission outage scheduled by the TSO. Outages on the distribution system are not related to the decision paper.

This Ex-Post Outturn Availability Connection Asset (OACA) Maintenance Report contains details of the maintenance of OACAs for the 2017 outage season, in accordance with the SEMC decision.

The OACAs of a generation unit include any transmission equipment between and including the Connection Point and the busbar disconnects at the meshed Transmission Station. Annual maintenance on connection assets associated with the relevant generation unit may disconnect a generation unit that is technically available at the connection point. This maintenance is scheduled by TSO and carried out by the TAO. A summary report of the outage schedule to facilitate this maintenance work is published annually at the start of each calendar year. A summary of the outage schedule at the end of each year is published. This is included in Appendix 3. Differences between the Ex-Ante and the Ex-Post summary are identified in the Overview of 2017 Outage Season.

Other documents to be considered when reviewing this report include

- [SEM-15-071 Outturn Availability Decision Paper](#)
- [SEM-15-106 Outturn Availability addendum to SEM-15-071](#)
- [Ex-Ante Outturn Availability Connection Asset Annual Maintenance Plan 2017](#)
- [The EirGrid and SONI Implementation Approach to the SEM Committee Decision Paper SEM-15-071](#)

Overview of the 2017 Outage Season

During the 2017 outage season:

- 91 OACA outages were processed. This figure was subject to in-season change as network configurations changed and as facilities moved to VPTG status.
- 63 scheduled Generator outages were planned in the Committed Outage Programme (COP) at the start of 2017, in season:
 - The TSO approved more than 67 changes to the Generator outage dates as published in the COP.
 - The TSO received 97 Short Term Maintenance Outages requests (STMOs as described on the EirGrid website) of which 78 were accommodated.

The results of the season are presented here, with descriptions and supporting information contained in the Appendices.

Figure 1 outlines percentage changes under a number of different categories. Each category is described in detail in Appendix 2. Percentages are reported based on the TOP-IDs¹ of TSO scheduled works. A TOP-ID is a unique identifier assigned for each outage and was linked to one specific connection asset.

As a generation unit's OACAs may contain several unique assets it may in turn have more than one TOP-ID for planned outages. For example, one TOP-ID may be linked to a generator transformer bay, while another TOP-ID may be linked to the cable from the meshed transmission station to that same generator transformer bay. As such, some TOP-IDs are intrinsically linked and a change of the works associated with one TOP-ID may also be linked to a change of the linked TOP-ID.

As noted above, Appendix 2 describes the categories for which changes are reported for each TOP-ID. For each reporting category for each TOP-ID, Appendix 3 reports whether there was a change (Yes), there was not a change (No) or a change to the category is not applicable (n/a). In the following pages, graphs are presented showing the percentage changes (i.e. Yes there was a change) for each of the reporting categories. The percentage change is divided into four groupings, "TSO Driven Change," "TAO Driven Change," "Generator (Gen) Driven Change" and "Other". "Other" covers the situation where the reason for the change is not directly applicable to the TSO, TAO or the generator. Status change cover the situation where assets became Outturn Available Connection Assets (OACAs) due to wind farms becoming VPTG. In the Ex-Ante Report for 2017 these maintenance works would

¹ The EirGrid Ex-Ante Outturn Availability Connection Asset Annual Maintenance Plan 2017 assigned an identifying number referred to as the TOP-ID to each outage. This TOP-ID started with the letters TO, for example the TOP-ID for the outage of a circuit between station1 and station2 may be TO-17-ST1-ST2-1-01.

not have been included. Status change also cover the situation where a subset of a unit's associated OACAs being removed due to completion of capital works. This maintenance would have featured in the Ex-Ante Report for 2017 but ceased to be OACA maintenance as a result of the completion of works.

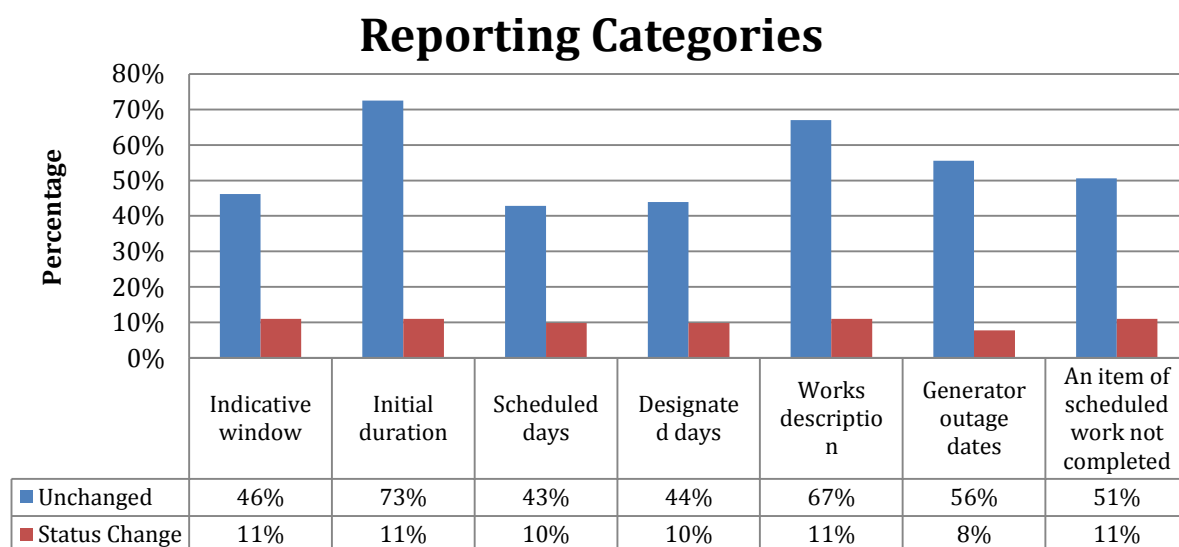


Figure 1: Reporting categories and percentage unchanged.

The Transmission Outage Programme (TOP) process introduced in 2016 which issued indicative windows as opposed to specific outage dates at the start of the season successfully accommodated the majority of generator outage changes without affecting a change to the programme. As shown in Figure 2, of all the indicative windows communicated in February 2017, approximately half remained unchanged at the end of the season, with 27% of the change driven by generator requested changes to outage dates.

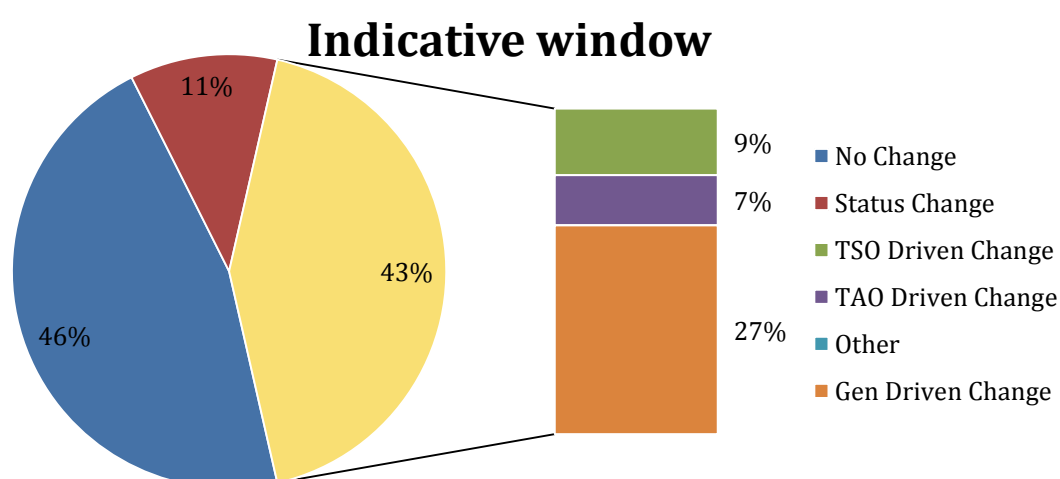


Figure 2: Category 1 - Indicative window communicated ex-ante

Figure 3 shows that 73% of the Initial durations communicated ex-ante remained unchanged from the start of the season. Of the 16% of durations that did change, most were related to generator change requests.

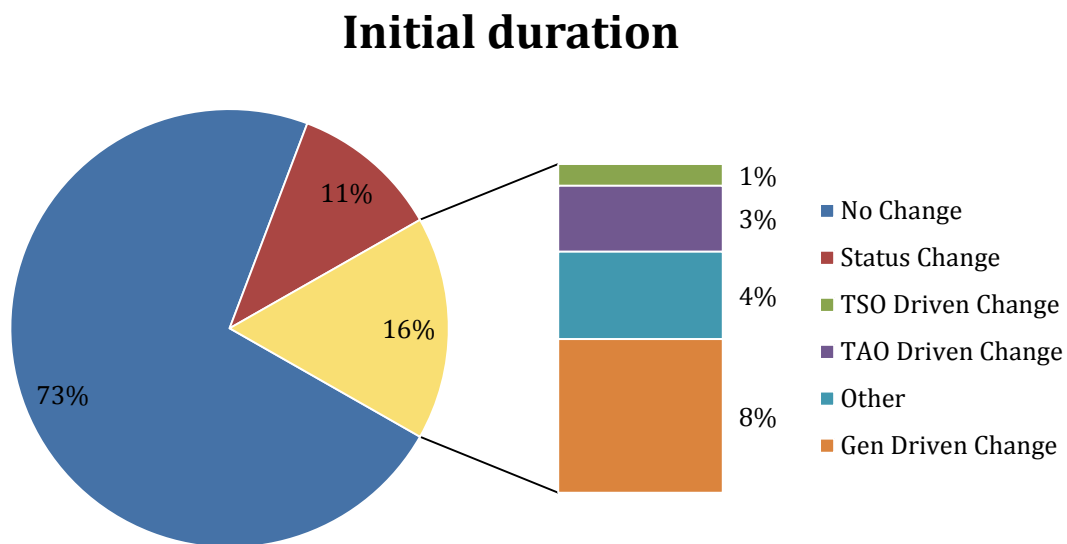


Figure 3: Category 2 - Initial duration communicated ex-ante

As shown in Figure 4 changes in the scheduled days communicated ex-ante largely originated from changes in generator outage dates or generator requests. Additional changes were due TAO or TSO having to cancel work.

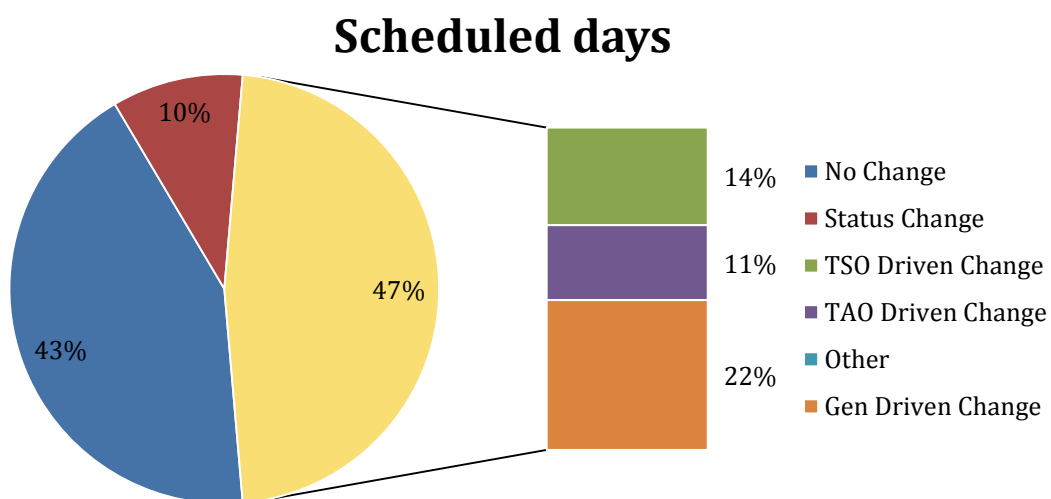


Figure 4: Category 3 - Scheduled days communicated ex-ante

Figure 5 shows changes in designated days were mainly driven by generator requested changes to outage dates. Further sources of change were due to

facilitation of high priority works and TSO cancellation due to system security concerns.

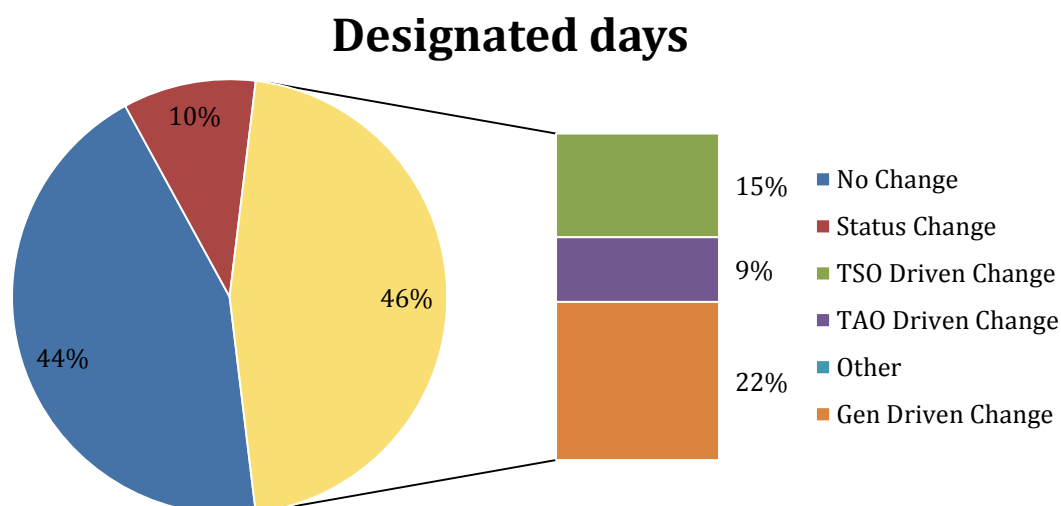


Figure 5: Category 4 - Designated days communicated ex-ante

Changes to works description communicated ex-ante in

Figure 6: Category 5 - Works description communicated ex-ante

covers the situation where the corrective maintenance tasks were added in season. These changes were categorised under other.

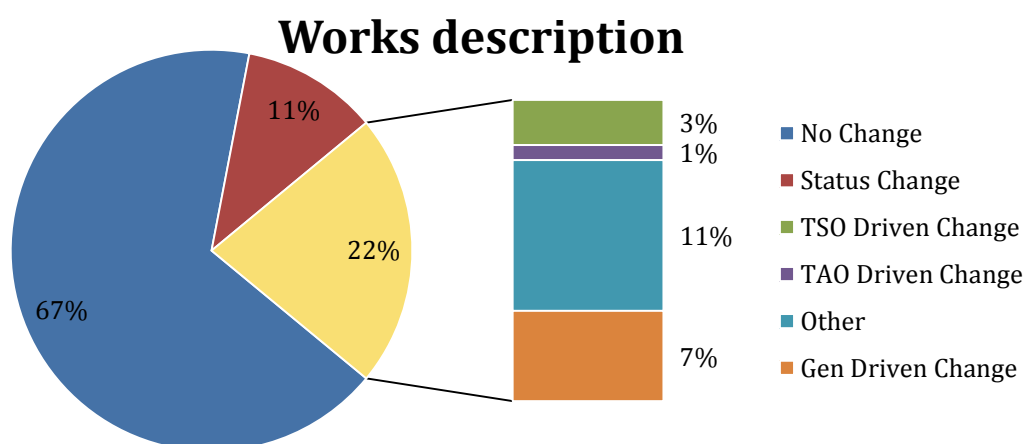


Figure 6: Category 5 - Works description communicated ex-ante

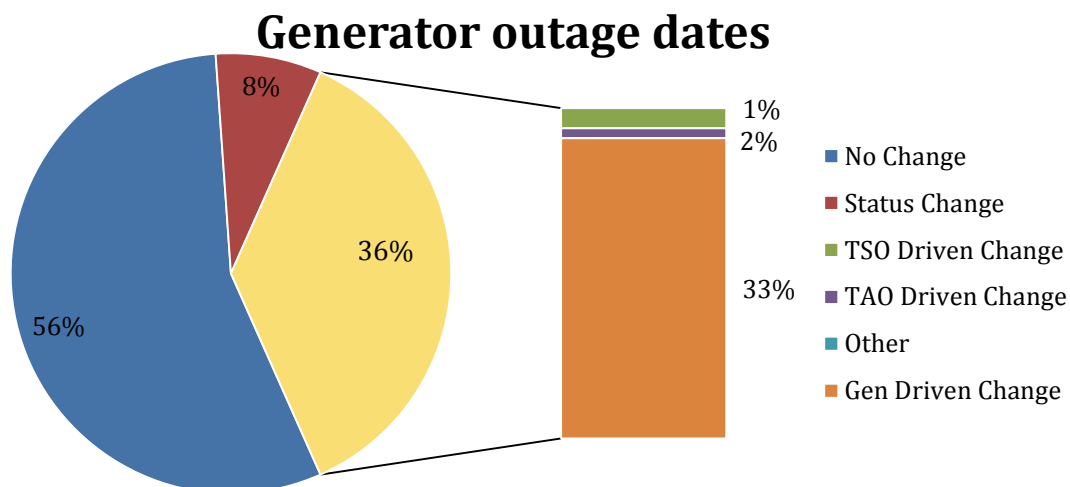


Figure 7 shows the percentage of TOP-IDs (each of which contained a number of individual work items) where the associated plant (both wind and conventional) changed its outage dates.

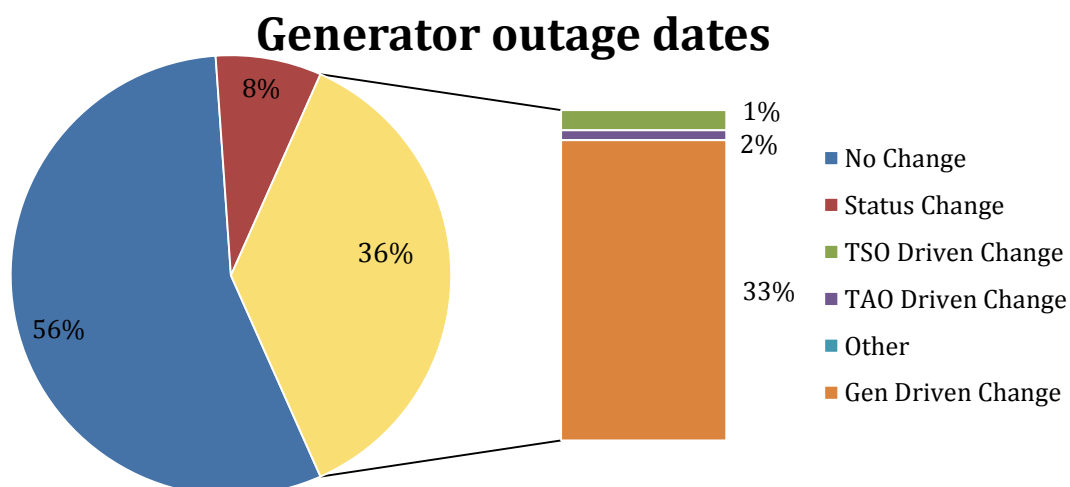


Figure 7: Category 6 - Generator outage dates

Figure 8 shows the number of conventional Centrally Dispatched Generation Units (CDGUs) and the number of changes to the COP processed by the TSO in 2017. It is noted that several generation units have changed their COP dates more than once and this is included in the graph. For each change, system studies to assess the impact of the proposed change on system security and the transmission outage programme are carried out by the TSO. The TSO must also assess system capacity margins. Subsequent to the publication of the 2017 COP (published in September 2016), the TSO/TAO requested to change two generator outage dates as per the COP. STMOs are short, opportunistic maintenance outages, typically carried out at

low load periods - overnight or at the weekend and which generally last for less than 48 hours i.e. short-term. 78 of these requests were accommodated in 2017.

Generator Change Requests

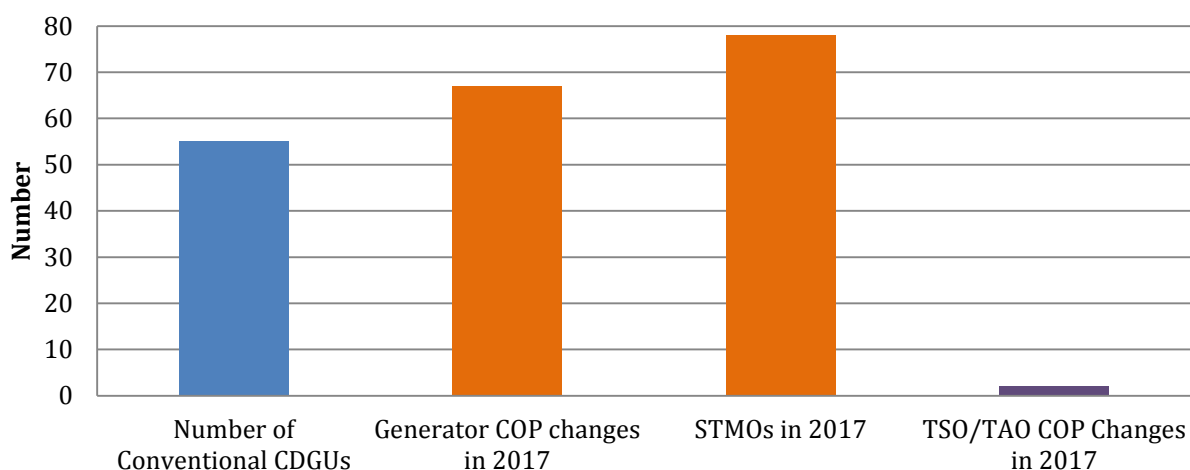


Figure 8: Generator change requests processed in 2017.

Of the TOP-IDs, 51% had all scheduled work items completed as shown in Figure 9. The work items not completed included low priority protection maintenance as well as miscellaneous items which remained uncompleted. Of the individual work items (there can be many of these per TOP-ID) approximately 77% were completed.

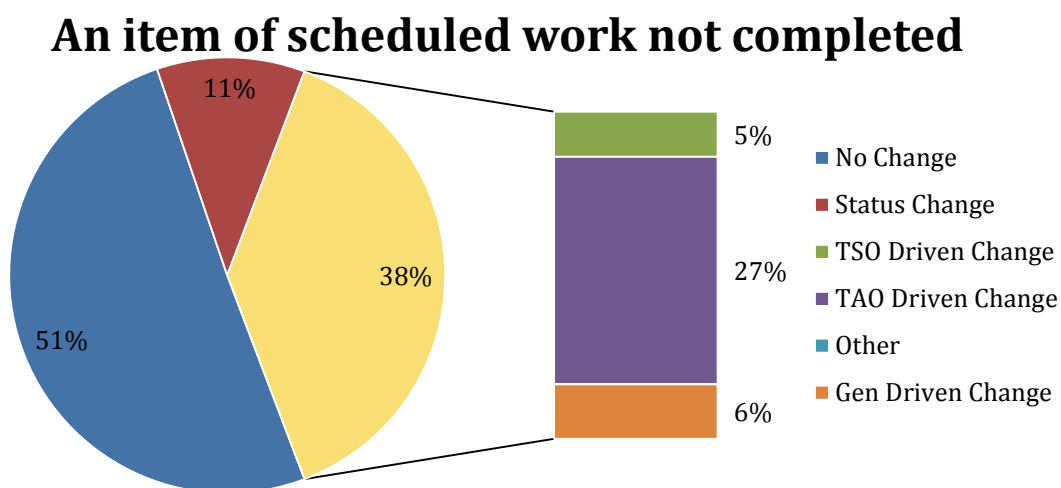


Figure 9: Category 8 – An item of scheduled work not completed

Initiatives for improvement

This is the second Ex-Post Outturn Availability (OA) report published by the TSO in cooperation with the TAO, in fulfilment of the requirements of SEM-15-071. As the second such report, feedback from the 2017 Ex-Post forum will be factored into the 2018 season's tracking and reporting and subsequently the Ex-Post report to improve transparency and quality of service to energy producers on the grid.

Appendix 1: Transmission Outage Programme Timelines

A full programme of work for the year ahead was developed in February 2017; this had work items classified as Scheduled, Planned or Unscheduled. Outages several months in the future were initially classified as Planned. As the outage window approached, the outage moved to a proposed/scheduled state.

Table 1: Outage states throughout the season.

Outage Classification	Outage Description
<i>Planned</i>	A viable outage window (date range) identified in which a fixed duration of work is to be carried out. Works were not assigned specific dates until later in the outage season, for example works which are not expected to take place until several months in the future.
<i>Proposed</i>	An outage slot for the work to be completed in, with specific proposed start and end dates. These dates were proposed approximately 6 weeks before the start of the relevant month and were subject to further refinement in discussion with the TAO.
<i>Scheduled</i>	Outages scheduled with specified start and end dates, where these dates are unlikely to change. The outage dates are scheduled approximately 4 weeks before the start of the relevant month.
<i>Unscheduled</i>	Outages which could not be accommodated in the first release of the Transmission Outage Programme but would be scheduled later in the programme.

Table 2 shows an example of how the works were communicated to generators at the start of the season.

Table 2: Example of works communicated to generator in February 2016

GENERATOR TRANSFORMER - XXXX					
TO-16-XX-T103-01		Window: Jun		Status: Indicative	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				X	Total Maintenance Outage Duration Requested
XXX	CD		DO	X	Works Description

Details of designated days for Outturn Availability purposes were assigned when the outage was scheduled (i.e. when the outage moved to the scheduled state which typically happened 4 weeks in advance of the relevant month).

Appendix 2: Ex-Post Reporting Format

This appendix lists how changes in the 2017 scheduled OACAs maintenance works are reported in this document. Changes to the 8 distinct categories listed in Table 3 are reported in Appendix 3 for each TOP-ID. Each of these categories is described in detail in Table 4 below. Where a change occurred to any category during the year for a TOP-ID, this is indicated with a Yes in column 3 of Table 3. Column 4 then lists a standard reason for change. The set of standard reasons for change are described in Table 5. A “na” in column 3 indicates that the category is “non-applicable” due, for example, to the outage taking place pre-season.

Table 3: Reporting categories in the Ex-Post report

#	Category	Changes	Reason For Change
1	<i>Indicative window communicated ex-ante</i>	Yes/na	
2	<i>Initial duration communicated ex-ante</i>	Yes/na	
3	<i>Scheduled days communicated ex-ante</i>	Yes/na	
4	<i>Designated days communicated ex-ante</i>	Yes/na	
5	<i>Works description communicated ex-ante</i>	Yes/na	
6	<i>Generator outage dates</i>	Yes/na	
7	<i>An item of scheduled work not completed</i>	Yes/na	

The categories 1 to 7 are explained as follows

Table 4: Description of the reporting categories

#	Category	Category Description
1	<i>Indicative window communicated ex-ante</i>	This category highlights if the outage occurred in the indicative outage window communicated to the generator in February of 2017.
2	<i>Initial duration communicated ex-ante</i>	This indicates if the outage took the number of days communicated to the generator in February of 2017.
3	<i>Scheduled days communicated ex-ante</i>	This category indicates if the outage occurred on the days communicated to the generation unit when the outage became scheduled (i.e. 4 weeks before the start of the month in which the works took place).
4	<i>Designated days</i>	This category indicates if the designated days (i.e. one of the five

	<i>communicated ex-ante</i>	days where the generator is non-OA for maintenance) were changed from those communicated to the generation when the outage became scheduled.
5	<i>Works description communicated ex-ante</i>	A change to this category indicates that the works description changed from those communicated to the generator in February 2017.
6	<i>Generator outage dates</i>	A change to this category indicates that the generator applied to the TSO to change their 2017 generator outage date as published in the Committed Outage Programme (COP).
7	<i>An item of scheduled work not completed</i>	This category indicates if any one of the work scheduled under the TOP-ID prior to the outage was not completed.

The reasons for any changes to the eight categories are listed in Table 5 below.

Table 5: Change Description

#	Standard Reason	Reason Description
1	<i>Extended/Changed due to TAO resourcing</i>	Where an extension/change originated from a lack of available TAO resources.
2	<i>TAO requested change</i>	TAO requested change.
3	<i>DSO requested change</i>	Where an outage was amended due to its effect on the distribution system.
4	<i>Changed to align with capital works</i>	Where scheduled maintenance works moved (or were initially unscheduled and then moved) to overlap with capital works which disconnect the asset.
5	<i>Oversized window due to Maintenance/ Capital/Generator overlap</i>	Where the scheduled days for the works exceed the amount of days required for works but are typically less than or equal to the generation unit's own outage window. This can happen for example when the generation unit's work precludes the transmission maintenance works being completed in one continuous block. Extending the outage window allows for flexibility in the completion of the subcomponents of the maintenance within the generation unit's own outage to minimise the potential down time of the generation unit. Another potential scenario is where OACA maintenance is overlapped with other works (e.g. capital work or non-OACA maintenance) whose duration exceeds the OACA maintenance.
6	<i>Changed as per generator request.</i>	Where an IPP requests a change for technical or commercial reasons.
7	<i>Forced overrun</i>	Where works overrun due to unforeseen problems.

8	<i>Not available (& reason why).</i>	Information unavailable & reason why.
9	<i>Custom change</i>	Change for ease of implementation with no material impact. For example, where the maintenance days were exceed by the duration of the generator outage. The designated days may be modified for ease of implementation by the generator (where changing the designated days has no material impact).
10	<i>Generator requested change to COP</i>	Where a generator applied for a change to the COP. This may necessitate a change which originates from a generator applying to change its outage dates as published in the Committed Outage Programme as published on the SEMO website.
11	<i>TSO cancellation/postponement of works</i>	Where the TSO cancelled works for unforeseen reasons (e.g. system security).
12	<i>TAO cancellation of works</i>	Where the TAO cancelled works for unforeseen reasons (e.g. safety).
13	<i>Works unscheduled.</i>	Works unscheduled at the start of the outage season, for example where uncertainties around the works effect on third parties (e.g. DSO load) prevent scheduling.
14	<i>Works completed early</i>	Where the works were completed in less than the standard durations as scheduled in the outage plan.
15	<i>Corrective maintenance task added in season.</i>	Where works were identified during annual inspections which had to be completed within the calendar year.
16	<i>Pre-season</i>	Outage completed before outages were scheduled in the Transmission Outage Plan for the season (i.e. February).
17	<i>Completed in 2016</i>	Where the work was completed in 2016 and was not due in 2017. These works were typically included in the 2016 OACA maintenance plan because completions were not received by the TSO prior to OACA maintenance scheduling.
18	<i>Resources not available</i>	Work items listed under the Description/Comments section as P3 - Maintenance of the bay protection relays did not typically take place due to protection maintenance resourcing issues.
19	<i>Unit change to VPTG in season</i>	When a wind farm moves from APTG to VPTG status then its maintenance will be tracked as part of the OACA reporting.
22	<i>Changed due to network configuration</i>	Where completion of capital project changed the changed or removed OACAs for a unit.

21	<i>Changed/Cancelled to facilitate high priority works</i>	Where an outage was moved or cancelled to facilitate high priority works.
22	<i>Opportunistic Maintenance</i>	Where a generator forced outage or extension of a scheduled outage allows added work to be proactively scheduled to reduce customer impact at a later date.

Appendix 3: Ex-Post Reporting Format

In this appendix, the OACA maintenance report lists changes as per points 1 to 7 from Table 3, this forms the OACA maintenance report and changes are reported by exception only.

In the tables below, the “Total Maintenance Outage Duration Requested” is the total duration of the works. Each individual work item’s duration is the amount of time that this work item would have taken if completed in isolation (i.e. without any other work items completed in parallel). Due to the paralleling of works, the “Total Maintenance Outage Duration Requested” is not the cumulative sum of the duration of the individual work items if com.

110kV FEEDER - AGANNYGAL DERRYBRIEN [Derrybrien DY1]						
TO-17-AGL-DYN-1-01 ISO week: 26mo - 26we Date: 26 Jun - 28 Jun Duration: 3 Days (3 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
CM	AGL			DO	3	CB - Siemens 3AP mod required to prevent spring charging lockout with loss of AC.
PROT	AGL			DO	2	P1 - Maintenance of the bay protection relays (27 & 28 June)
OPT	AGL			DO	1	110kV SF6 Cubicle Operational Test
CM	AGL		900638814	CANC	1	Oil sampling
					Change	Reasons For Change
3	Scheduled days communicated ex-ante				na	TAO cancellation of works
4	Designated days communicated ex-ante				na	TAO cancellation of works
5	Works description communicated ex-ante				Yes	Oil sampling: Corrective Maintenance Cancelled
7	Scheduled works not completed				Yes	CB - Siemens 3AP mod required to prevent spring charging lockout with loss of AC - Modification design not available in time Oil sampling - Completed in 2015, not due till 2018

220kV FEEDER - AGHADA LONG POINT						
TO-17-AD-LPT-1-01 ISO week: 28fr - 31we Date: 14 Jul - 02 Aug Duration: 20 Days (14 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					7	Total Maintenance Outage Duration Requested
OS	AD			DO	5	220kV SF6 Cubicle Ordinary Service
CA	AD			DO	3	220kV Cubicle Condition Assessment
AMCAB	CABLE		900741909	DO	2	Annual Insp. 400 & 220 Feeder XLPE Cable
					Change	Reasons For Change
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Feeder XLPE Cable - Cancelled due to TAO resourcing	

GENERATOR TRANSFORMER - AGHADA T2001 [ESB GWM AD1]						
TO-17-AD-T2001-01 ISO week: 40mo - 40fr Date: 02 Oct - 06 Oct Duration: 5 Days (5 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					5	Total Maintenance Outage Duration Requested
OS	AD			DO	5	220kV SF6 Cubicle Ordinary Service
AMCAB	AD			DO	2	Annual Insp. 400 & 220 Station OF Cable
CMCAB	AD		900811325	DO	1	Replace Differential Oil Alarm Gauge
					Change	Reasons For Change
7	Scheduled works not completed			Yes	Replace Differential Oil Alarm Gauge-Works Not completed due to lack of cable specialist resources	

GENERATOR TRANSFORMER - AGHADA T2011/12 [ESB GWM AT11/AT12]						
TO-17-AD-T2011/12-01 ISO week: 9tu - 9fr Date: 28 Feb - 03 Mar Duration: 4 Days (4 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	Total Maintenance Outage Duration Requested
AMCAB	AD			DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	AD			DO	1	P1 - Maintenance of the bay protection relays
OPT	AD		900774852	DO	1	220kV SF6 Cubicle Operational Test
CMCAB	AD		900811453	DO	1	Replace Differential Oil Alarm Gauge
					Change	Reasons For Change
6	Generator Outage Dates			Yes	Generator requested change to COP	
7	Scheduled works not completed			Yes	Replace Differential Oil Alarm Gauge-Works Not completed due to lack of cable specialist resources	

GENERATOR TRANSFORMER - AGHADA T2014 [ESB GWM AT4]

TO-17-AD-T2014-01 ISO week: **17mo - 17sa** Date: **24 Apr - 29 Apr** Duration: **6 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				6	Total Maintenance Outage Duration Requested
OS	AD		DO	5	220kV SF6 Cubicle Ordinary Service
AMCAB	AD		DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	AD		DO	1	P1 - Maintenance of the bay protection relays
CMCAB	AD	900685864	DO	1	Replace Low & Differential Oil Alarm Gauge
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP
4	Designated days communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	O1-Small oil weep from 2014 S Phase Cable-Works Not completed due to lack of cable specialist resources. Replace Low & Differential Oil Alarm Gauge-Works Not completed due to lack of cable specialist resources

GENERATOR TRANSFORMER - ARDNACRUSHA T101

TO-17-AA-T101-02 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Generator requested change to COP
7	Scheduled works not completed			na	Changed due to network configuration

GENERATOR TRANSFORMER - ARDNACRUSHA T102 [ESB GWM AA2]

TO-17-AA-T102-03 ISO week: **39mo - 39fr** Date: **25 Sep - 29 Sep** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
				2	IPP own works
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
4	Designated days communicated ex-ante			Yes	Changed as per generator request
6	Generator Outage Dates			Yes	Changed as per generator request
7	Scheduled works not completed			Yes	Changed as per generator request

GENERATOR TRANSFORMER - ARDNACRUSHA T103 [ESB GWM AA3]

TO-17-AA-T103-02 ISO week: **35tu - 38tu** Date: **29 Aug - 19 Sep** Duration: **22 Days (16 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				13	IPP Own Works
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test

GENERATOR TRANSFORMER - ARDNACRUSHA T104 [ESB GWM AA4]

TO-17-AA-T104-03 ISO week: **20mo - 20fr** Date: **15 May - 19 May** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
Misc			DO	2	IPP Work
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Changed due to network configuration

110kV FEEDER - ATHEA DROMADA

TO-17-ATE-DRO-1-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
OPT	ATE		DO	1	110kV SF6 Cubicle Operational Test
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Changed to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works

110kV FEEDER - ATHEA KNOCKANURE

TO-17-ATE-KNR-1-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	ATE		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	ATE		DO	1	110kV SF6 Cubicle Operational Test
AMCAB	KNR		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	KNR		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Changed to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works
7	Scheduled works not completed			Yes	Changed as per generator request/Changed to facilitate high priority works

GENERATOR TRANSFORMER - ATHEA T121 [Athea AH1]

TO-17-ATE-T121-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	ATE			3	Total Maintenance Outage Duration Requested
	ATE	110	DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	ATE	110	DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Changed to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Changed as per generator request/Changed to facilitate high priority works

110kV FEEDER - AUGHINISH SEALROCK 3

TO-17-AUG-SK-3-03 ISO week: **20tu** Date: **16 May** Duration: **1 Day (1 WD)** Status: **Trip Testing**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	AUG		DO	1	Trip testing
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Works Unscheduled
3	Scheduled days communicated ex-ante			na	Works Unscheduled
4	Designated days communicated ex-ante			na	works Unscheduled
7	Scheduled works not completed			Yes	Works Unscheduled

110kV FEEDER - AUGHINISH SEALROCK 3

TO-17-AUG-SK-3-02 ISO week: **36mo - 36we** Date: **04 Sep - 06 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
CM	AUG	900692918	DO	2	Replace 3 cracked stand off insulators on cable screen earths
OPT	AUG		DO	1	110kV SF6 Cubicle Operational Test
AMCAB	AUG	900840128	DO	1	Annual Insp. 110kV Feeder XLPE Cable

110kV FEEDER - AUGHINISH SEALROCK 4						
TO-17-AUG-SK-4-01 ISO week: 28th - 28fr Date: 13 Jul - 14 Jul Duration: 2 Day (2 WD) Status: Trip Testing						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	AUG			DO	2	Trip testing
					Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed as per generator request	
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request	
4	Designated days communicated ex-ante			Yes	Changed as per generator request	

110kV FEEDER - AUGHINISH SEALROCK 4						
TO-17-AUG-SK-4-02 ISO week: 28mo - 28fr Date: 10 Jul - 14 Jul Duration: 5 Days (5 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC			MISC	DO	5	As a consequence of Sealrock T104
					3	Total Maintenance Outage Duration Requested
				DO	1	Investigate and repair T phase sheath fault
AMCAB	AUG		900840565	DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	AUG			DO	1	110kV SF6 Cubicle Operational Test
					Change	Reasons For Change
2	Initial duration communicated ex-ante			No	Oversized window due to Maintenance/Capital/Generator/Overlap	
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP	
4	Designated days communicated ex-ante			Yes	Generator requested change to COP	
5	Works description communicated ex-ante			Yes	Generator requested change to COP	
6	Generator Outage Dates			Yes	Generator requested change to COP	

110kV FEEDER - BALLYWATER CRANE [Ballywater BW1]						
TO-17-BWR-CRA-1-01 ISO week: 24mo - 24we Date: 12 Jun - 14 Jun Duration: 3 Days (3 WD) Status: Scheduled						
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC				DO	2	Proximity outage of A2 110kV Busbar for maintenance on Crane - Wexford
					1	Total Maintenance Outage Duration Requested
						As a consequence of Crane SA2
OPT	CRA			DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - BOGGERAGH CLASHAVOON

TO-17-BGH-CLA-1-01 ISO week: **23tu - 23th** Date: **06 Jun - 08 Jun** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OPT	BGH		DO	1	110kV SF6 Cubicle Operational Test
CMCAB	Cable	900819967	DO	3	Repair Bonding Lead Mid-Point
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
CMCAB	Cable	900373863	DO	1	Replace link box covers
CORRECT	CLA	900798957	DO	5	O1-Boggeragh 110kv DA & DL not lining up
OPT	CLA		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	TAO Requested Change
3	Scheduled days communicated ex-ante			Yes	TAO Requested Change
4	Designated days communicated ex-ante			Yes	TAO Requested Change
7	Scheduled works not completed			Yes	Replace link box covers: TAO Cancellation of Works

GENERATOR TRANSFORMER - BOGGERAGH T121 [Boggeragh BG1]

TO-17-BGH-T121-01 ISO week: **23tu - 23th** Date: **06 Jun - 08 Jun** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	BGH		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Oversized window due to Maintenance/Capital/Generator/Overlap
5	Works description communicated ex-ante			Yes	110kV SF6 Cubicle Operational Test - Custom: Database omission

110kV FEEDER - BOOLTIAGH ENNIS

TO-17-BOL-ENN-1-01 ISO week: **36mo - 50fr** Date: **04 Sep - 15 Dec** Duration: **103 Days (74 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				2	Total Maintenance Outage Duration Requested
FO_MISC		900403897	DO	1	1[84]Fit anti climb device
FO_MISC		900649655	DO	1	2014HP-1[47]Insulator plumb insulators
FOSTRHW		900649656	DO	1	2014HP-1[74]Check Structure pole top rot
FOINSHW		900727042	DO	1	2015HP-1[118]Insul&H-ware check
FO_MISC		900819291	DO	1	2016HP-1[47]Off Plumb Plumb insulators
OPT	BOL		DO	1	110kV SF6 Cubicle Operational Test
OPT	ENN		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Changed due to network configuration
7	Scheduled works not completed			na	Changed due to network configuration

GENERATOR TRANSFORMER - CARRIGADROHID T103 [ESB GWM LE3]

TO-17-CD-T103-01 ISO week: **24mo** Date: **12 Jun** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	CD		DO	1	110KV SF6 Cubicle Operational Test

110kV FEEDER - CASTLEDOKRELL LODGEWOOD [Castledockrell CK1]

TO-17-CDK-LWD-1-01 ISO week: **22mo** Date: **29 May** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	LWD		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - CATHALEENS FALL CLIFF

TO-17-CF-CL-1-01

 Status: **Unscheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
OS	CF		DO	4	110kV SF6 Cubicle Ordinary Service
				Change	Reasons For Change
7	Scheduled works not completed			Yes	110kV SF6 Cubicle Ordinary Service - TAO cancellation of works: Safety

GENERATOR TRANSFORMER - CATHALEENS FALL T103 [ESB GWM ER3]

TO-17-CF-T103-01

 ISO week: **24mo**

 Date: **12 Jun**

 Duration: **1 Day (1 WD)**

 Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	CF		DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - CATHALEENS FALL T104 [ESB GWM ER4]

TO-17-CF-T104-01

 ISO week: **26mo - 27fr**

 Date: **26 Jun - 07 Jul**

 Duration: **12 Days (10 WD)**

Status:

Scheduled

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
					IPP own works
OPT	CF		DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - CLAHANE T122 [Clahane CJ1]

TO-17-CLH-T122-01

 ISO week: **32fr**

 Date: **11 Aug**

 Duration: **1 Day (1 WD)**

 Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
CM		900854468	DO	1	O2.CB seal on gas guage side leaking - C
OPT	CLH		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
4	Designated days communicated ex-ante			Yes	Changed as per generator request
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season

GENERATOR TRANSFORMER - CLIFF T101 [ESB GWM ER1]

TO-17-CL-T101-01 ISO week: **36mo - 36th** Date: **04 Sep - 07 Sep** Duration: **4 Days (4 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
					IPP own works
OS	CL		DO	4	110KV SF6 Cubicle Ordinary Service

GENERATOR TRANSFORMER - CLIFF T102 [ESB GWM ER2]

TO-17-CL-T102-01 ISO week: **38mo - 38fr** Date: **18 Sep - 22 Sep** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					IPP own works
	CL			4	Total Maintenance Outage Duration Requested
OS	CL		DO	4	110KV SF6 Cubicle Ordinary Service

110kV FEEDER - CLOGHER MULREAVY

TO-17-CLO-MRY-1-01 ISO week: **32th - 32fr** Date: **10 Aug - 11 Aug** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				2	Total Maintenance Outage Duration Requested
AMCAB	CABLE		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CLO		DO	1	110kV GIS Cubicle Operational Test
OPT	MRY		DO	1	110kV SF6 Cubicle Operational Test

				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Unit change to VPTG in season
2	Initial duration communicated ex-ante			na	Unit change to VPTG in season
3	Scheduled days communicated ex-ante			Yes	TSO cancellation/postponement of works
4	Designated days communicated ex-ante			Yes	TSO cancellation/postponement of works
5	Works description communicated ex-ante			na	Unit change to VPTG in season

GENERATOR TRANSFORMER - CLOGHBOOLA T131 [Cloghboola CL1]

TO-17-CBA-T131-02 ISO week: **47mo - 47fr** Date: **20 Nov - 24 Nov** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	CBA			1	Total Maintenance Outage Duration Requested
OPT	CBA	110	DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed to align with capital works
3	Scheduled days communicated ex-ante			Yes	Changed to align with capital works
4	Designated days communicated ex-ante			Yes	Changed to align with capital works

110kV FEEDER - CLOGHBOOLA TRIEN

TO-17-CBA-TRI-1-02 ISO week: **47mo - 47fr** Date: **20 Nov - 24 Nov** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
CM		900817166	DO	1	O2.Moisture in Trien surge counter 'S' p
CM	Cable	900819968	DO	4	Repair Link Box at JB1. Water Ingress.
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CBA		DO	1	110kV SF6 Cubicle Operational Test
OPT	TRI		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed to align with capital works
3	Scheduled days communicated ex-ante			Yes	Changed to align with capital works
4	Designated days communicated ex-ante			Yes	Changed to align with capital works
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season

110kV FEEDER - CLONKEEN COOMAGEARLAHY

TO-17-CKN-CGL-1-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
FO_MISC		900819443	DO	1	2016HP-1[22]Off Plumb Plumb poles
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test
OPT	CKN		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Cancelled to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Cancelled to facilitate high priority works
7	Scheduled works not completed			Yes	Cancelled to facilitate high priority works

110kV FEEDER - COOMAGEARLAHY GLANLEE

TO-17-CGL-GAE-1-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
				1	As a consequence of Clonkeen Garrow and Clonkeen SA1-2 CB
AMCAB	CGL		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Cancelled to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Cancelled to facilitate high priority works
7	Scheduled works not completed			Yes	Cancelled to facilitate high priority works

GENERATOR TRANSFORMER - COOMAGEARLAHY T121 [Coomagearlahy CG3]

TO-17-CGL-T121-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Clonkeen - Coomagearlahy 110kV Line
				1	Total Maintenance Outage Duration Requested
		900852681	DO	1	Low Gas / Leak on T121. Top up required
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Cancelled to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Cancelled to facilitate high priority works
7	Scheduled works not completed			Yes	Cancelled to facilitate high priority works

GENERATOR TRANSFORMER - COOMAGEARLAHY T122 [Coomagearlahy CG1/CG2]

TO-17-CGL-T122-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Clonkeen - Coomagearlahy 110kV Line
				1	Total Maintenance Outage Duration Requested
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Cancelled to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Cancelled to facilitate high priority works
7	Scheduled works not completed			Yes	Cancelled to facilitate high priority works

110kV FEEDER - CORDERRY GARVAGH

TO-17-CDY-GRV-1-02 ISO week: **35th - 50th** Date: **31 Aug - 14 Dec** Duration: **106 Days (75 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB			DO	2	Annual Insp. 110kV Feeder XLPE Cable
		MISC	DO	2	As a consequence of CDY 110-SA1 110kV Sect / Dist Ordinary Service including busbar disconnects
FO_MISC		900650000	DO	1	2014HP-1[am 6]Bird Nests
CMCAB	CABLE		DO	1	Inspect Suspect Pfisterer Terminations
OPT	CDY		DO	1	110kV SF6 Cubicle Operational Test
CORRECT	GRV	900786877	DO	1	O1 Fit cubicle number on Corderry Bay
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed due to TAO resourcing
3	Scheduled days communicated ex-ante			Yes	Changed due to TAO resourcing
4	Designated days communicated ex-ante			na	Not Available: Scheduled late due to uncertainty around capital works

220kV FEEDER - CORDUFF HUNTSTOWN

TO-17-CDU-HN-1-01 ISO week: **26mo - 26th** Date: **26 Jun - 29 Jun** Duration: **4 Days (4 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
AMCAB	Cable	900776594	DO	2	Annual Insp. 220 Feeder XLPE Cable
OS	CDU		DO	5	220kV SF6 Cubicle Ordinary Service
CA	CDU	900775887	DO	3	220kV Cubicle Condition Assessment
CM	CDU	900699524	DO	1	Investigate and Repair Moisture Ingress on S & R Phase Surge Counter
OPT	CDU	900840418	CANC	1	220kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request
2	Initial duration communicated ex-ante			Yes	Changed as per generator request
3	Scheduled days communicated ex-ante			na	Changed as per generator request
4	Designated days communicated ex-ante			na	Changed as per generator request
5	Works description communicated ex-ante			Yes	Opportunistic Maintenance
6	Generator Outage Dates			Yes	Changed as per generator request
7	Scheduled works not completed			Yes	Opportunistic Maintenance: OPT replaced with OS. Cancelled due to TAO resourcing: Annual Insp. 220 Feeder XLPE Cable

GENERATOR TRANSFORMER - CUNGHILL T121 [Kingsmountain KGM/KG2]

TO-17-CUN-T121-01 ISO week: **21tu - 21we** Date: **23 May - 24 May** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					2	Total Maintenance Outage Duration Requested
CM	CUN		900693020	DO	2	Replace desimeter (plunger not closing correctly)
OPT	CUN			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	CUN	110	900637835	DO	1	Replace desimeter (plunger not closing c
CORRECT	CUN	110	900810622	DO	1	O1 T121 circ breaker needs cleaning

110kV FEEDER - CUSHALING MOUNTLUCAS

TO-17-CUS-MLC-1-02 ISO week: **36mo** Date: **04 Sep** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Customer works in MLC
				1	Total Maintenance Outage Duration Requested
FOSTRHW		900819535	DO	1	2016HP-1[10]Check Structure clear base
FO_MISC		900819536	DO	1	2016HP-1[59]Earths-Replace Broken strap
FO_MISC		900819537	DO	1	2016HP-1[61]Earths-Replace Right E-strap
OPT	CUS		DO	1	110kV SF6 Cubicle Operational Test
OPT	MLC		DO	1	110kV SF6 Cubicle Operational Test

			Change	Reasons For Change
1	Indicative window communicated ex-ante		Yes	Changed as per generator request
3	Scheduled days communicated ex-ante		Yes	Changed as per generator request
4	Designated days communicated ex-ante		Yes	Changed as per generator request
7	Scheduled works not completed		Yes	2016HP-1[10]Check Structure clear base: Cancelled due to TAO resourcing 2016HP-1[59]Earths-Replace Broken strap: Cancelled due to TAO resourcing 2016HP-1[61]Earths-Replace Right E-strap: Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - CUSHALING T101 [Edenderry Power ED1]

TO-17-CUS-T101-01 ISO week: **25su** Date: **25 Jun** Duration: **1 Day (0 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	CUS			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	CUS	110	900809981	DO	1	Manometer needs to be relaced
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Generator requested change to COP
6	Generator Outage Dates				Yes	Generator requested change to COP

GENERATOR TRANSFORMER - CUSHALING T103/5 [Edenderry Power ED3/ED5]

TO-17-CUS-T103/5-01 ISO week: **19sa** Date: **13 May** Duration: **1 Day (0 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
	CUS				1	Customer works - maintenance of Transformer T103/105
OPT	CUS			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	CUS	110	900809956	DO	1	Moisture in Surge Arrestors

GENERATOR TRANSFORMER - DERRYIRON RHODE T1/T2 [SSE Generation RP1/RP2]

TO-17-DER-T1/T2-01 ISO week: **33mo** Date: **14 Aug** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	DER		DO	1	110KV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - DROMADA T121 [Dromada DR1]

TO-17-DRO-T121-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					2	Total Maintenance Outage Duration Requested
CORRECT	DRO	110	900777218	DO	2	O2.Aluminium linkage on (DTE) corroded -
OPT	DRO			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	DRO		900777165	DO	1	O2.Water getting into T121 110kV CB-MOS.
CORRECT	DRO	110	900777166	DO	1	O2.Danger locks to be replaced on T121 D
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Changed as per generator request
3	Scheduled days communicated ex-ante				Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante				Yes	Changed as per generator request/Changed to facilitate high priority works
7	Scheduled works not completed				Yes	O2.Aluminium linkage on (DTE) corroded - TAO cancellation of works

110kV FEEDER - DRUMKEEN MEENTYCAT

TO-17-DRM-MEE-1-01 ISO week: **30tu** Date: **25 Jul** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	DRM			DO	1	110kV SF6 Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Changed as per generator request
3	Scheduled days communicated ex-ante				Yes	Changed as per generator request
4	Designated days communicated ex-ante				Yes	Changed as per generator request

220kV FEEDER - FINGLAS HUNTSTOWN

TO-17-FIN-HN-1-01 ISO week: **36mo - 36we** Date: **04 Sep - 06 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	Cable	900776596	DO	2	Annual Insp. 400 & 220 Feeder XLPE Cable
CORRECT	FIN	900479248	DO	2	HUNTSTOWN 220KV DL PI IN EIRGRID WHEN DL
OPT	FIN		DO	1	220kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Feeder XLPE Cable - Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - GARROW T122 [Coomacheo CZ1]

TO-17-GRO-T122-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
				1	As a consequence of Garrow SA1-2CB
CM		900854486	DO	1	O2.Moisture in 'R' Phase surge counter T
AMCAB	GRO		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	GRO		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed due to TAO resourcing
2	Initial duration communicated ex-ante			na	Changed due to TAO resourcing
3	Scheduled days communicated ex-ante			na	Changed due to TAO resourcing
4	Designated days communicated ex-ante			na	Changed due to TAO resourcing
5	Works description communicated ex-ante			na	Changed due to TAO resourcing
6	Generator Outage Dates			na	Changed due to TAO resourcing
7	Scheduled works not completed			na	Changed due to TAO resourcing

GENERATOR TRANSFORMER - GARVAGH T121 [Garvagh GH1/GH2]

TO-17-GRV-T121-01 ISO week: **12mo - 13we** Date: **20 Mar - 29 Mar** Duration: **10 Days (8 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	GRV		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Changed due to network configuration
7	Scheduled works not completed			na	Changed due to network configuration

GENERATOR TRANSFORMER - GLANAGOW T2001 [Bord Gáis WG1]

TO-17-GGO-T2001-01 ISO week: **22mo - 22fr** Date: **29 May - 02 Jun** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
					Customer works: Topping up of transformer oil, taking of oil samples, replacement of fire system heat detector, erection of scaffolding (30/05/2017 to 01/06/2017)
OS	GGO		DO	4	220kV GIS Cubicle Ordinary Service
CA	GGO		DO	3	220kV Cubicle Condition Assessment
AMCAB	GGO		DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
				Change	
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP
4	Designated days communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - GLANLEE T121 [Glanlee GL1]

TO-17-GAE-T121-01 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Coomagearlachy - Glanlee 110kV Line
				1	Total Maintenance Outage Duration Requested
OPT	GAE		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Cancelled to facilitate high priority works
3	Scheduled days communicated ex-ante			Yes	Cancelled to facilitate high priority works
4	Designated days communicated ex-ante			Yes	Cancelled to facilitate high priority works
7	Scheduled works not completed			Yes	Cancelled to facilitate high priority works

GENERATOR TRANSFORMER - GREAT ISLAND GIS T2004 [SSE Generation Ireland GI4]

TO-17-GI GIS-T2004-01 ISO week: **17th** Date: **27 Apr** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	GI	220	DO	1	220kV GIS Cubicle Operational Test
				Change	Reasons For Change
6	Generator Outage Dates			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - HUNTSTOWN T2002 [Viridian Power HN2]

TO-17-HN-T2002-01 ISO week: **25mo - 26fr** Date: **19 Jun - 30 Jun** Duration: **12 Days (10 WD)** Status: **Scheduled**

Completed

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					5	Total Maintenance Outage Duration Requested
CORRECT	HN	TRAFO	900804929	DO	5	Magrini CB "B6 245.Unable to take SF6 Pr
AMCAB	HN		900741911	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
CORRECT	HN	TRAFO	900805529	DO	1	T2002 SurgeArrestors and Voltage Transfo
OPT	HUN			DO	1	220kV SF6 Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Changed as per generator request
3	Scheduled days communicated ex-ante				na	Changed as per generator request
4	Designated days communicated ex-ante				na	Changed as per generator request
6	Generator Outage Dates				Yes	Changed as per generator request
7	Scheduled works not completed				Yes	Annual Insp. 400 & 220 Statn. XLPE Cable - Cancelled due to lack of TAO resources

GENERATOR TRANSFORMER - HUNTSTOWN T2010/11 [Viridian Power HNC]

TO-17-HN-T2010/11-01 ISO week: **36mo - 36we** Date: **04 Sep - 06 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	IPP own works
				3	Total Maintenance Outage Duration Requested
AMCAB	HN	900776625	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	HUN		DO	1	220kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Statn. XLPE Cable - Cancelled due to lack of TAO resources

110kV FEEDER - IKERRIN tee IKERRIN

TO-17-IKE,T-IKE-1-01 ISO week: **19mo** Date: **08 May** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
FO_MISC		900819697	DO	1	2016HP-1[415]Check-General Struct&H-ware

GENERATOR TRANSFORMER - INNISCARRA T101 [ESB GWM LE1/LE2]

TO-17-IA-T101-02 ISO week: **41th** Date: **12 Oct** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	IA		DO	1	110KV SF6 Cubicle Operational Test
CORRECT	IA	110	DO	1	O2- Perspex cover loose in CB Mech Box.
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP
4	Designated days communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - IRISHTOWN T2001 [ESB GWM DB1]

TO-17-ISH-T2001-02 ISO week: **43we - 43sa** Date: **25 Oct - 28 Oct** Duration: **4 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	IPP own works (telemess out requested on 25th at 15:00 and telemess in requested on 28th at 07:00)
					3	Total Maintenance Outage Duration Requested
AMCAB	ISH	Cable	900776626	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	ISH			DO	1	220kV GIS Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Generator requested change to COP/TSO cancellation/postponement of works
3	Scheduled days communicated ex-ante				Yes	TSO cancellation/postponement of works
4	Designated days communicated ex-ante				Yes	TSO cancellation/postponement of works
6	Generator Outage Dates				Yes	Generator requested change to COP/TSO cancellation/postponement of works

GENERATOR TRANSFORMER - KILL HILL T131 [Kill Hill KH1]

TO-17-KHL-T131-01 ISO week: **16th** Date: **20 Apr** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	KHL				1	Total Maintenance Outage Duration Requested
OPT	KHL	110		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - KNOCKRANNY UGGOOL

TO-17-KNY-UGL-1-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	Cable			DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	KNY			DO	1	110kV GIS Cubicle Operational Test
OPT	UGL			DO	1	110kV GIS Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				na	Unit change to VPTG in season
2	Initial duration communicated ex-ante				na	Unit change to VPTG in season
3	Scheduled days communicated ex-ante				na	Unit change to VPTG in season
4	Designated days communicated ex-ante				na	Unit change to VPTG in season
5	Works description communicated ex-ante				na	Unit change to VPTG in season
6	Generator Outage Dates				na	Unit change to VPTG in season
7	Scheduled works not completed				na	Unit change to VPTG in season

GENERATOR TRANSFORMER - LANESBORO T104 [ESB GWM LR4]

TO-17-LA-T104-01 ISO week: **40we - 40th** Date: **04 Oct - 05 Oct** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	LA	CB/DL		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
CM	LA			DO	2	Check fuse holder on VT's (Arteche) Contact telecoms to attend site as well.
AMCAB	LA			DO	1	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	LA			DO	1	110KV SF6 Cubicle Operational Test
					Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request	
4	Designated days communicated ex-ante			Yes	Changed as per generator request	
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season	

GENERATOR TRANSFORMER - LISHEEN T122 [Lisheen LS1/LS2]

TO-17-LSN-T122-01 ISO week: **27tu - 27tu** Date: **04 Jul - 04 Jul** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	LSN			DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - LISHEEN THURLES

TO-17-LSN-THU-1-01 ISO week: **27tu - 27tu** Date: **04 Jul - 04 Jul** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
FO_MISC			900819826	DO	1	2016HP-1[47]Bird Nests
OPT	LSN			DO	1	110kV SF6 Cubicle Operational Test
OPT	THU			DO	1	110kV MO Cubicle Operational Test
					Change	Reasons For Change
7	Scheduled works not completed			Yes	2016HP-1[47]Bird Nests - TAO Cancellation of Works	

GENERATOR TRANSFORMER - LONG POINT T2002 [ESB GWM AD2]

TO-17-LPT-T2002-01 ISO week: **28fr - 31we** Date: **14 Jul - 02 Aug** Duration: **20 Days (14 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
OS	LPT		DO	5	220kV SF6 Cubicle Ordinary Service
CA	LPT		DO	3	220kV Cubicle Condition Assessment
AMCAB	LPT	900776629	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
CM	LPT	900730927	DO	1	O1 T2002 220 earth disconnect needs adjustment
CORRECT	LPT	220 900810079	DO	1	O1-Rust on CB Boxes need treatment.

GENERATOR TRANSFORMER - MARINA T107 [ESB GWM MR7]

TO-17-MR-T107-01 ISO week: **27mo - 27th** Date: **03 Jul - 06 Jul** Duration: **4 Days (4 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
OS	MR		DO	4	110KV GIS Cubicle Ordinary Service
AMCAB	MR		DO	2	Annual Insp. 110 Feeder OF/XLPE Cable
				Change	Reasons For Change
5	Works description communicated ex-ante			na	Annual Insp. 110kV Feeder XLPE Cable Cancelled - Custom: Duplicate of Annual Insp. 110 Feeder OF Cable work

GENERATOR TRANSFORMER - MEENTYCAT T121 [Meentycat MCT]

TO-17-MEE-T121-01 ISO week: **30tu** Date: **25 Jul** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	MEE		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
4	Designated days communicated ex-ante			Yes	Changed as per generator request

GENERATOR TRANSFORMER - MONEYPPOINT T4001 [ESB GWM MP1]

TO-17-MP-T4001-01 ISO week: **24sa - 25su** Date: **17 Jun - 25 Jun** Duration: **9 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
CM	MP		DO	2	Carry out gas leak assessment and repair where necessary
OPT	MP		DO	1	400kV GIS Cubicle Operational Test
FM	MP		DO	1	HV Pressure Vessel Inspection
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	Corrective maintenance task added in season
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season

GENERATOR TRANSFORMER - MONEYPPOINT T4002 [ESB GWM MP2]

TO-17-MP-T4002-01 ISO week: **25th - 26th** Date: **22 Jun - 29 Jun** Duration: **8 Days (6 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
CM	MP		DO	2	Carry out gas leak assessment and repair where necessary
OPT	MP		DO	1	400kV GIS Cubicle Operational Test
FM	MP		DO	1	HV Pressure Vessel Inspection
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	Corrective maintenance task added in season
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season

GENERATOR TRANSFORMER - MONEYPPOINT T4003 [ESB GWM MP3]

TO-17-MP-T4003-02 ISO [year]week: **[500]51sa** Date: **25 Dec 00** Duration: **1 Day (0 WD)** Status: **Cancelled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
CORRECT	MP		DO	3	Carry out gas leak assess & repair
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
CORRECT	MP		DO	2	Investigate issue with DB & repair
OPT	MP		DO	1	400kV GIS Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Generator requested change to COP
7	Scheduled works not completed			na	Changed due to network configuration

GENERATOR TRANSFORMER - MOUNTLUCAS T121 [Mountlucas MO1]

TO-17-MLC-T121-02 ISO week: **36mo** Date: **04 Sep** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	IPP own works
				1	Total Maintenance Outage Duration Requested
OPT	MLC		DO	1	110kV SF6 Cubicle Operational Test
OS	MLC		DO	4	110kV SF6 Cubicle Ordinary Service
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request
2	Initial duration communicated ex-ante			Yes	Changed as per generator request
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
4	Designated days communicated ex-ante			Yes	Changed as per generator request
5	Works description communicated ex-ante			Yes	Changed as per generator request
7	Scheduled works not completed			Yes	110kV SF6 Cubicle Ordinary Service - Cancelled as per generator request

110kV FEEDER - MOY TAWNAGHMORE 1

TO-17-MOY-TAW-1-03 ISO week: **16sa - 17mo** Date: **22 Apr - 24 Apr** Duration: **3 Days (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	MOY	900774880	DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Changed due to network configuration
7	Scheduled works not completed			na	Changed due to network configuration

110kV FEEDER - MOY TAWNAGHMORE 2

TO-17-MOY-TAW-2-01 ISO week: **20mo - 20tu** Date: **15 May - 16 May** Duration: **2 Days (2 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				2	Total Maintenance Outage Duration Requested
FO_MISC		900731578	CLO	2	2015HP-2[13,16]Vib Dampers Replace
OPT	MOY		DO	1	110kV SF6 Cubicle Operational Test
OPT	MOY	900662176	CLO	1	110kV Air Blast Cubicle Operational Test
CM	TAW	900489486	CLO	2	Repair DL
OPT	TAW		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Changed due to network configuration
2	Initial duration communicated ex-ante			na	Changed due to network configuration
3	Scheduled days communicated ex-ante			na	Changed due to network configuration
4	Designated days communicated ex-ante			na	Changed due to network configuration
5	Works description communicated ex-ante			na	Changed due to network configuration
6	Generator Outage Dates			na	Changed due to network configuration
7	Scheduled works not completed			na	Changed due to network configuration

GENERATOR TRANSFORMER - NORTH WALL T2004/5 [ESB GWM NW5]

TO-17-NW-T2004/5-01 ISO week: **19mo - 19sa** Date: **08 May - 13 May** Duration: **6 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
Misc			DO	6	IPP Work
				3	Total Maintenance Outage Duration Requested
AMCAB	NW	900776635	DO	2	Annual Insp. 400 & 220 Station OF Cable
MISC	NW	MISC	DO	2	As a consequence of North Wall A1 220kV Busbar
OPT	NW		DO	1	220kV GIS Cubicle Operational Test
				Change	Reasons For Change
6	Generator Outage Dates			No	Generator requested change to COP
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Station OF Cable - Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - POLLAPHUCA T101 [ESB GWM LI1/LI2/LI4]

TO-17-PA-T101-01 ISO week: **39mo - 41fr** Date: **25 Sep - 13 Oct** Duration: **19 Days (15 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
CM	PA	900888943	DO	2	Investigate and resolve CT R phase metering issue
OPT	PA		DO	1	110kV MO Cubicle Operational Test
	PA		DO		As a consequence of maintenance on Pollaphuca T Stratford 110kV Line
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Changed as per generator request
2	Initial duration communicated ex-ante			Yes	Changed as per generator request
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
5	Works description communicated ex-ante			Yes	Corrective maintenance task added in season
6	Generator Outage Dates			Yes	Changed as per generator request

GENERATOR TRANSFORMER - RATRUSSAN T121 [Bindoo BD1]

TO-17-RRU-T121-01 ISO week: **13mo** Date: **27 Mar** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	RRU		DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request
4	Designated days communicated ex-ante			Yes	Changed as per generator request

GENERATOR TRANSFORMER - RATRUSSAN T122 [Mountain Lodge ML1]

TO-17-RRU-T122-01 ISO week: **41mo-41we** Date: **9 Oct-11 Oct** Duration: 3 **Day (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC			MISC	DO	5	Customer works
					1	Total Maintenance Outage Duration Requested
OPT	RRU			DO	1	110kV SF6 Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Changed as per generator request
2	Initial duration communicated ex-ante				Yes	Changed as per generator request

GENERATOR TRANSFORMER - SEALROCK T103 [Aughinish Alumina SK3]

TO-17-SK-T103-01 ISO week: **36mo - 36we** Date: **04 Sep - 06 Sep** Duration: 3 **Days (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	SK	110		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	SK			DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - SEALROCK T104 [Aughinish Alumina SK4]

TO-17-SK-T104-01 ISO week: **28mo - 28fr** Date: **10 Jul - 14 Jul** Duration: 5 **Days (5 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					5	Total Maintenance Outage Duration Requested
MISC				DO	5	As a consequence of maintenance on AUG-SK-4
OS	SK			DO	4	110KV SF6 Cubicle Ordinary Service
AMCAB	SK	110		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
					Change	Reasons For Change
2	Initial duration communicated ex-ante				Yes	Custom: Databse Omission
6	Generator Outage Dates				No	Generator requested change to COP

GENERATOR TRANSFORMER - SHANNONBRIDGE T104 [ESB GWM WO4]

TO-17-SH-T104-01 ISO week: **17th - 18tu** Date: **27 Apr - 02 May** Duration: **6 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	SH			DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	SH			DO	1	110KV SF6 Cubicle Operational Test
	SH					Customer works - IPB Inspection, Deluge test. Telemess required.

GENERATOR TRANSFORMER - SHELLYBANKS T2014 [ESB GWM PB4]

TO-17-SHL-T2014-01 ISO week: **21mo - 21th** Date: **22 May - 25 May** Duration: **4 Days (4 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	Total Maintenance Outage Duration Requested
CM	SHL		900638924	DO	2	Repair Diameter 1 Disconnects
AMCAB	SHL	cable	900838786	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
PROT	SHL			DO	1	P1 - Maintenance of the bay protection relays
OPT	SHL	220-DL		DO	1	220kV Sect / Dist Operational Test

				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP/TSO cancellation/postponement of works
4	Designated days communicated ex-ante			Yes	Generator requested change to COP/TSO cancellation/postponement of works
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Statn. XLPE Cable - Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - SHELLYBANKS T2015 [ESB GWM PB5]

TO-17-SHL-T2015-01

 Status: **Unscheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
					Note Works on Shellybanks T2015 not to be started until Shellybanks T2016 is returned to service
AMCAB	SHL	900776639	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	SHL	220-DL	DO	1	220kV Sect / Dist Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP
3	Scheduled days communicated ex-ante			Yes	TSO cancellation/postponement of works
4	Designated days communicated ex-ante			Yes	TSO cancellation/postponement of works
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	TSO cancellation/postponement of works

GENERATOR TRANSFORMER - SHELLYBANKS T2016 [ESB GWM PB6]

TO-17-SHL-T2016-01

 Status: **Unscheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
MISC		MISC	DO	1	As a consequence of maintenance on SHL 220 D1/CB1
					Note Works on Shellybanks T2015 not to be started until Shellybanks T2016 is returned to service
AMCAB	SHL	cable	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	SHL	220-DL	DO	1	220kV Sect / Dist Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			Yes	TSO cancellation/postponement of works
3	Scheduled days communicated ex-ante			Yes	TSO cancellation/postponement of works
4	Designated days communicated ex-ante			Yes	TSO cancellation/postponement of works
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Annual Insp. 400 & 220 Statn. XLPE Cable - Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - SLIABH BAWN T132 [Sliabh Bawn SB1]

TO-17-SLB-T132-01 ISO week: **37tu** Date: **12 Sep** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	SLB	110	DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Unit change to VPTG in season
2	Initial duration communicated ex-ante			na	Unit change to VPTG in season
3	Scheduled days communicated ex-ante			na	Unit change to VPTG in season
4	Designated days communicated ex-ante			na	Unit change to VPTG in season
5	Works description communicated ex-ante			na	Unit change to VPTG in season
6	Generator Outage Dates			na	Unit change to VPTG in season
7	Scheduled works not completed			na	Unit change to VPTG in season

110kV FEEDER - STRATFORD tee CARLOW

TO-17-STR,T-CLW-1-01 ISO week: **39mo - 41fr** Date: **25 Sep - 13 Oct** Duration: **19 Days (15 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
FOSTRHW		900814717	DO	2	Rotten Pole [79]Replace Pole only
FOSTRHW		900814718	DO	2	Rotten Pole [96]Replace Pole only
FOSTRHW		900814719	DO	2	Rotten Pole [104]Replace Pole only
FOSTRHW		900814740	DO	2	Rotten Pole [147]Replace Pole only
FOSTRHW		900814741	DO	2	Rotten Pole [150]Replace Pole only
FOSTRHW		900814742	DO	2	Rotten Pole [151]Replace Pole only
FOSTRHW		900814743	DO	2	Rotten Pole [188]Replace Pole only
FOSTRHW		900725300	DO	1	2015CP-1[97]Replace Pole only RHP
FO_MISC		900819330	DO	1	2016HP-1[72-73]Conflicts Timber store UL
FO_MISC		900819331	DO	1	2016HP-1[106-107]Conflicts Check BX
FO_MISC		900819332	DO	1	2016HP-1[150]Off Plumb Straighten P-set
FO_STDMG			DO		2016CP-1[109]Crossarm Replacement
FO_MISC			DO		2016CP-1[107]Off Plumb Pole
FO_MISC			DO		2016CP-1[109]Off Plumb Pole & insulators
FO_STDMG			DO		2016CP-1[109]Replace Pole Bolt -Bent
FOINSHW			DO		2016CP-1[117]H-ware Fit x-arm lock nut
FO_MISC			DO		2016CP-1[109]Vibration Dampers Replace
FOINSHW			DO		2016CP-1[109]H-ware Susp Clamps corroded
FOSTRHW			DO		2016CP-1[110]Replace Pole only -Rotten
FOINSHW			DO		2016CP-1[112]H-ware Fit x-arm lock nut
FOSTRHW			DO		2016CP-1[113]Replace Pole only -Rotten
FO_MISC			DO		2016CP-3[114-116]Off Plumb Poles
FO_MISC			DO		2016CP-1[106]Off Plumb Insulators
FO_MISC			DO		2016CP-1[115]Off Plumb Insulators

FO_COND				DO	2016CP-2[89]Replace joints Midspan
FOSTRHW				DO	2016CP-1[119]Replace Pole only
FOINSHW				DO	2016CP-1[115]H-ware Fit x-arm lock nut
FO_STDMG				DO	2016CP-1[87]Replace Pole Bolt -Bent
FOINSHW				DO	2016CP-1[72]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-3[72,74,76]Off Plumb Insulators
FO_MISC				DO	2016CP-2[76,78]Off Plumb Poles
FOSTRHW				DO	2016CP-1[77]Replace Pole only Rotten
FO_MISC				DO	2016CP-3[81,82,83]Off Plumb Insulators
FO_STDMG				DO	2016CP-1[81]Crossarm Replacement Rusty
FO_MISC				DO	2016CP-1[93]Off Plumb Pole
FO_MISC				DO	2016CP-1[85]Off Plumb Insulators
FOINSHW				DO	2016CP-1[105]H-ware Fit x-arm lock nut
FOINSHW				DO	2016CP-2[88,89]H-ware Fit x-arm lock nut
FOINSHW				DO	2016CP-1[119]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[91,93]Off Plumb Insulators
FOSTRHW				DO	2016CP-1[98]Replace Pole only -Rotten
FO_STDMG				DO	2016CP-1[98]Replace Pole Bolt -Bent
FOSTRHW				DO	2016CP-1[103]Replace Pole only -Rotten
FO_MISC				DO	2016CP-1[84]Off Plumb Pole & insulators
FO_MISC				DO	2016CP-1[166]Off Plumb Pole & insulators
FOINSHW				DO	2016CP-1[118]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[161]Off Plumb Pole
FO_STDMG				DO	2016CP-1[161]Crossarm Replacement
FO_MISC				DO	2016CP-1[162]Off Plumb Insulators
FOSTRHW				DO	2016CP-1[163]Replace Pole only -Rotten
FO_STDMG				DO	2016CP-1[163]Replace Pole Bolt -Bent
FO_MISC				DO	2016CP-1[163]Off Plumb Insulators
FO_MISC				DO	2016CP-1[164]Off Plumb Insulators
FOINSHW				DO	2016CP-1[159]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[165]Off Plumb Insulators
FOSTRHW				DO	2016CP-1[159]Replace Pole only
FO_MISC				DO	2016CP-1[168]Off Plumb Pole & insulators
FO_MISC				DO	2016CP-6[169-174]Off Plumb Insulators
FO_STDMG				DO	2016CP-1[174]Crossarm Replacement
FOINSHW				DO	2016CP-1[182]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[182]Off Plumb Insulators
FO_MISC				DO	2016CP-1[183]Off Plumb Pole & insulators
FOINSHW				DO	2016CP-1[185]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[185]Insulator Fit lock nut
FOINSHW				DO	2016CP-1[186]H-ware Fit x-arm lock nut
FO_STDMG				DO	2016CP-1[165]Replace Pole Bolt -Bent
FOSTRHW				DO	2016CP-1[143]Replace Pole only -Rotten
FOINSHW				DO	2016CP-1[120]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[120]Off Plumb Insulators
FOINSHW				DO	2016CP-1[121]H-ware Fit x-arm lock nut
FO_MISC				DO	2016CP-1[123]Off Plumb Insulators
FOSTRHW				DO	2016CP-1[125]Replace Pole only -Rotten

FOSTRHW				DO		2016CP-1[127]Replace Pole only -Rotten
FOSTRHW				DO		2016CP-1[133]Replace Pole only -Rotten
FOSTRHW				DO		2016CP-1[134]Replace Pole only -Rotten
FOINSHW				DO		2016CP-1[160]H-ware Fit x-arm lock nut
FO_MISC				DO		2016CP-1[141]Off Plumb Insulators
FOSTRHW				DO		2016CP-1[120]Replace Pole only -Rotten
FO_MISC				DO		2016CP-1[144]Off Plumb Pole & insulators
FOINSHW				DO		2016CP-1[149]H-ware Fit x-arm lock nut
FO_MISC				DO		2016CP-1[150]Off Plumb Insulators
FO_MISC				DO		2016CP-1[152]Off Plumb Pole & insulators
FO_MISC				DO		2016CP-1[153]Off Plumb Pole & insulators
FOINSHW				DO		2016CP-1[154]H-ware Fit x-arm lock nut
FOINSHW				DO		2016CP-1[156]H-ware Fit x-arm lock nut
FOINSHW				DO		2016CP-1[157]H-ware Fit x-arm lock nut
FOINSHW				DO		2016CP-1[158]H-ware Fit x-arm lock nut
FOSTRHW				DO		2016CP-1[139]Replace Pole only -Rotten
OPT	CLW			DO	1	110kV SF6 Cubicle Operational Test
				Change	Reasons For Change	
1	Indicative window communicated ex-ante			Yes	Generator requested change to COP	
2	Initial duration communicated ex-ante			Yes	Corrective Maintenance Task added in season	
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP	
4	Designated days communicated ex-ante			Yes	Generator requested change to COP	
5	Works description communicated ex-ante			Yes	Corrective Maintenance Task added in season	
6	Generator Outage Dates			Yes	Generator requested change to COP	
7	Scheduled works not completed			Yes	Work on a number of Polesets not completed: Cancelled due to TAO resourcing	

110kV FEEDER - STRATFORD tee POLLAPHUCA						
TO-17-STR,T-PA-1-01 ISO week: 39mo - 41fr Date: 25 Sep - 13 Oct Duration: 19 Days (15 WD) Status: Scheduled						
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				7	Total Maintenance Outage Duration Requested	
FOSTRHW		900725477	DO	2	2015CP-1[11]Replace Pole only RHP	
FOSTRHW		900725482	DO	2	2015CP-1[68]Replace Pole only RHP	
FOSTRHW		900814711	DO	2	2015CP-1[32]Replace Pole only	
FOSTRHW		900814712	DO	2	2015CP-1[34]Replace Pole only	
FOSTRHW		900814713	DO	2	2015CP-1[50]Replace Pole only	
FOSTRHW		900814714	DO	2	2015CP-1[63]Replace Pole only	
FO_STDMG			DO	1	2016CP-2[1]53 Found/Site repair	
FO_STDMG			DO	1	2016CP-2[1]1 Found/Site repair	
FOSTRHW		900725475	DO	1	2015CP-1[2]Replace Pole only RHP	
FO_MISC		900819916	DO	1	2016HP-1[11]Conflicts 10/20kV pole UL	
FOSTRHW		900819917	DO	1	2016HP-1[32]Check Structure Red tags	
FOSTRHW		900819918	DO	1	2016HP-1[34]Check Structure Red tags	
FOSTRHW		900819921	DO	1	2016HP-1[50]Check Structure Pole rot	
FO_STDMG			DO		2016CP-1[23]Crossarm Replacement Rusty	

FO_MISC				DO		2016CP-1[14]Off Plumb Insulators
FO_MISC				DO		2016CP-1[20]Off Plumb Insulators
FO_MISC				DO		2016CP-1[18]Off Plumb Insulators
FOSTRHW				DO		2016CP-1[15]Replace Pole only Rotten
FO_MISC				DO		2016CP-1[13]Off Plumb Poles
FO_STDMG				DO		2016CP-1[11]Replace Pole Bolt -Bent
FOSTRHW				DO		2016CP-1[11]Replace Pole only Rot
FO_MISC				DO		2016CP-1[10]Off Plumb Poles
FOSTRHW				DO		2016CP-1[7]Replace Pole only Pole split
FO_MISC				DO		2016CP-1[23]Off Plumb Insulators
FO_MISC				DO		2016CP-1[8]Off Plumb Poles
FO_MISC				DO		2016CP-5[54,55,56,59,60]Off Plumb Poles
FOINSHW				DO		2016CP-5[64-68]H-ware Fit x-arm lock nut
FOINSHW				DO		2016CP-3[60-62]H-ware Fit x-arm lock nut
FOINSHW				DO		2016CP-1[54]H-ware Fit x-arm lock nut
FO_MISC				DO		2016CP-1[70]Off Plumb Insulators
FO_MISC				DO		2016CP-1[69]Off Plumb Poles
FO_MISC				DO		2016CP-3[64,66,67]Off Plumb Insulators
FO_MISC				DO		2016CP-4[64,65,66,67]Off Plumb Poles
FOSTRHW				DO		2016CP-1[63]Replace Pole only Rotten
FO_MISC				DO		2016CP-2[61, 62]Off Plumb Insulators
FO_MISC				DO		2016CP-1[21]Off Plumb Insulators
FO_MISC				DO		2016CP-1[61]Off Plumb Poles
FO_STDMG				DO		2016CP-1[24]Replace Pole Bolt -Bent
FO_MISC				DO		2016CP-3[54, 59, 60]Off Plumb Insulators
FOSTRHW				DO		2016CP-1[51]Replace Pole only -Rotten
FOSTRHW				DO		2016CP-1[50]Replace Pole only Cracked
FO_MISC				DO		2016CP-1[41]Off Plumb Insulators
FOSTRHW				DO		2016CP-1[41]Replace Pole only Rotten
FO_MISC				DO		2016CP-1[40]Off Plumb Insulators
FO_MISC				DO		2016CP-1[39]Off Plumb Insulators
FO_MISC				DO		2016CP-1[33]Off Plumb Poles
FOSTRHW				DO		2016CP-1[29]Replace Pole only Rotten
FO_MISC				DO		2016CP-1[25]Off Plumb Insulators
FO_MISC				DO		2016CP-1[25]Off Plumb Poles
FOSTRHW				DO		2016CP-1[62]Replace Pole only Rotten
OPT	PA			DO	1	110kV MO Cubicle Operational Test

		Change	Reasons For Change
1	Indicative window communicated ex-ante	Yes	Generator requested change to COP
2	Initial duration communicated ex-ante	Yes	Corrective Maintenance Task added in season
3	Scheduled days communicated ex-ante	Yes	Generator requested change to COP
4	Designated days communicated ex-ante	Yes	Generator requested change to COP
5	Works description communicated ex-ante	Yes	Corrective Maintenance Task added in season
6	Generator Outage Dates	Yes	Generator requested change to COP
7	Scheduled works not completed	Yes	Work on a number of Polesets not completed: Cancelled due to TAO resourcing

GENERATOR TRANSFORMER - TARBERT T101 [SSE Generation Ireland TB1]

TO-17-TB-T101-01 ISO week: **20mo - 20we** Date: **17 May - 19 May** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	TB		DO	2	Annual Insp. 110kV Station OF Cable
OPT	TB		DO	1	110KV SF6 Cubicle Operational Test
CM	TB	900624411	CANC	1	Investigate tracking
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	TSO cancellation/postponement of works
4	Designated days communicated ex-ante			Yes	TSO cancellation/postponement of works
5	Works description communicated ex-ante			Yes	Investigate tracking - Completed in 2016
6	Generator Outage Dates			Yes	Generator requested change to COP/TSO cancellation/postponement of works
7	Scheduled works not completed			Yes	Investigate tracking - Completed in 2016

GENERATOR TRANSFORMER - TARBERT T102 [SSE Generation Ireland TB2]

TO-17-TB-T102-01 ISO week: **21mo - 21fr** Date: **22 May - 26 May** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	TB		DO	4	110KV SF6 Cubicle Ordinary Service
CA	TB		DO	3	110KV CUBICLE CONDITION ASSESSMENT
AMCAB	TB		DO	2	Annual Insp. 110kV Station OF Cable
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Generator requested change to COP
4	Designated days communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - TARBERT T2003 [SSE Generation Ireland TB3]

TO-17-TB-T2003-03 ISO week: **22mo - 22fr** Date: **29 May - 02 Jun** Duration: **5 Days (5 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	IPP Own Works
				1	Total Maintenance Outage Duration Requested
OS	TB		CANC	10	220kV MO Cubicle Ordinary Service
PROT	TB		DO	1	P1 - Maintenance of the bay protection relays (1st June)
OPT	TB		DO	1	220kV MO Cubicle Operational Test (2nd June)
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	Generator requested change to COP
5	Works description communicated ex-ante			Yes	Generator requested change to COP
6	Generator Outage Dates			Yes	Generator requested change to COP
7	Scheduled works not completed			Yes	Generator requested change to COP

GENERATOR TRANSFORMER - TARBERT T2004 [SSE Generation Ireland TB4]

TO-17-TB-T2004-02 ISO week: **34we** Date: **23 Aug** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OS	TB		CANC	10	220kV MO Cubicle Ordinary Service
CA	TB		CANC	3	220kV Cubicle Condition Assessment
OPT	TB	-	DO	1	220kV MO Cubicle Operational Test
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	Changed as per generator request
5	Works description communicated ex-ante			Yes	Changed as per generator request
7	Scheduled works not completed			No	Changed as per generator request

GENERATOR TRANSFORMER - TURLOUGH HILL T2001/2 [ESB GWM TH1/TH2]

TO-17-TH-T2001/2-02 ISO week: **29mo - 31th** Date: **17 Jul - 03 Aug** Duration: **18 Days (14 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					15	Total Maintenance Outage Duration Requested
						EI on 03/08/2017, all maintenance works to be completed by 02/08/2017
CORRECT	TH	220	900776812	DO	15	CB Overhaul
AMCAB	TH		900776643	DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	TH			DO	1	220kV MO Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Generator requested change to COP
2	Initial duration communicated ex-ante				Yes	Forced Overrun
6	Generator Outage Dates				Yes	Generator requested change to COP
7	Scheduled works not completed				Yes	Cancelled due to TAO resourcing: Annual Insp. 400 & 220 Station OF Cable

GENERATOR TRANSFORMER - TURLOUGH HILL T2003/4 [ESB GWM TH3/TH4]

TO-17-TH-T2003/4-02 ISO week: **31fr - 32th** Date: **04 Aug - 10 Aug** Duration: **7 Days (4 WD)** Status: **Scheduled**

WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	Total Maintenance Outage Duration Requested
AMCAB	TH		900776644	DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	TH			DO	1	P1 - Maintenance of the bay protection relays
OPT	TH			DO	1	220kV MO Cubicle Operational Test
					Change	Reasons For Change
1	Indicative window communicated ex-ante				Yes	Generator requested change to COP
3	Scheduled days communicated ex-ante				Yes	Changed as per generator request
4	Designated days communicated ex-ante				Yes	Changed as per generator request
6	Generator Outage Dates				Yes	Generator requested change to COP
7	Scheduled works not completed				Yes	Cancelled due to TAO resourcing: Annual Insp. 400 & 220 Station OF Cable

GENERATOR TRANSFORMER - TYNAGH T2001/2 [Tynagh Energy TYC]

TO-17-TY-T2001/2-01 ISO week: **20su** Date: **21 May** Duration: **1 Day (0 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	TYN		DO	1	220kV SF6 Cubicle Operational test
OS	TYN		CANC	5	220kV SF6 Cubicle Ordinary Service
				Change	Reasons For Change
2	Initial duration communicated ex-ante			Yes	Changed as per generator request
5	Works description communicated ex-ante			Yes	Changed as per generator request
6	Generator Outage Dates			No	Changed as per generator request
7	Scheduled works not completed			Yes	Changed as per generator request

GENERATOR TRANSFORMER - UGGOOL T131 [Uggool]

TO-17-UGL-T131-01 ISO week: **36tu - 36th** Date: **05 Sep - 07 Sep** Duration: **3 Days (3 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	As a consequence of maintenance on Knockranny-Uggool
				1	Total Maintenance Outage Duration Requested
OPT	UGL	110	DO	1	110kV GIS Cubicle Operational Test
				Change	Reasons For Change
1	Indicative window communicated ex-ante			na	Unit change to VPTG in season
2	Initial duration communicated ex-ante			na	Unit change to VPTG in season
3	Scheduled days communicated ex-ante			na	Unit change to VPTG in season
4	Designated days communicated ex-ante			na	Unit change to VPTG in season
5	Works description communicated ex-ante			na	Unit change to VPTG in season
6	Generator Outage Dates			na	Unit change to VPTG in season
7	Scheduled works not completed			na	Unit change to VPTG in season

GENERATOR TRANSFORMER - WOODHOUSE T122 [Woodhouse WS1]

TO-17-WOH-T122-01 ISO week: **33th** Date: **17 Aug** Duration: **1 Day (1 WD)** Status: **Scheduled**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
MISC		MISC	DO	1	As a consequence of maintenance on WOH SA2
OPT	WOO	-	DO		110kV SF6 Cubicle Operational Test
				Change	Reasons For Change
3	Scheduled days communicated ex-ante			Yes	Changed as per generator request/changed due to TAO resourcing
4	Designated days communicated ex-ante			Yes	Changed as per generator request/changed due to TAO resourcing
5	Works description communicated ex-ante			Yes	110kV SF6 Cubicle Operational Test - Custom: Database omission