EirGrid Ex-Post Outturn Availability Connection Asset Maintenance Report for the 2019 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 2019 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 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 2019 Outage Season.

Other documents to be considered when reviewing this report include

- <u>SEM-15-071 Outturn Availability Decision Paper</u>
- SEM-15-106 Outturn Availability addendum to SEM-15-071
- <u>The EirGrid and SONI Implementation Approach to the SEM Committee</u> Decision Paper SEM-15-071
- <u>EirGrid Ex-Ante Outturn Availability Connection Asset Maintenance Plan for</u> the 2019 Outage Season

Overview of the 2019 Outage Season

During the 2019 outage season:

- 97 OACA outages were processed. This figure was subject to in-season change as network configurations changed and as facilities moved to Controllable status in the market.
- 67 scheduled generator outages were planned in the Committed Outage Programme (COP) at the start of 2019. In season:
 - The TSO approved more than 78 changes to the generator outage dates as published in the COP.
 - The TSO received 79 Short-Term Maintenance Outage requests (STMOs as described on the EirGrid website) of which 63 were accommodated.

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

The figures below outline percentage changes under a number of different categories. Each category is described in detail in Appendix 2. Percentages are reported based on the Transmission Outage Programme Identification Number (TOP-IDs)¹ 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 to any work item. 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 "Non-Specific Change". "Non-Specific Change" covers the situation

¹ The EirGrid Ex-Ante Outturn Availability Connection Asset Annual Maintenance Plan 2019 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-19-ST1-ST2-1-01.

where the reason for the change is not directly applicable to the TSO, TAO or the generator.

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 adversely impacting the programme. As shown in Figure 1, of all the indicative windows communicated in February 2019, approximately 75% remained unchanged at the end of the season, with 17% of the change driven by generator requested changes to outage dates.

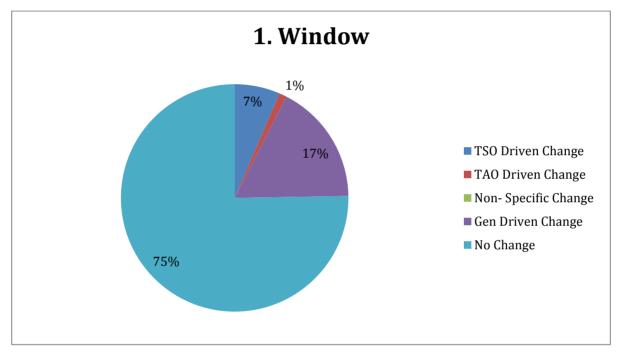


Figure 1: Category 1 - Indicative window communicated ex-ante

Figure 2 shows that 78% of the initial durations communicated ex-ante remained unchanged from the start of the season. Of the 22% of durations that did change, these were related to TSO and TAO change requests.

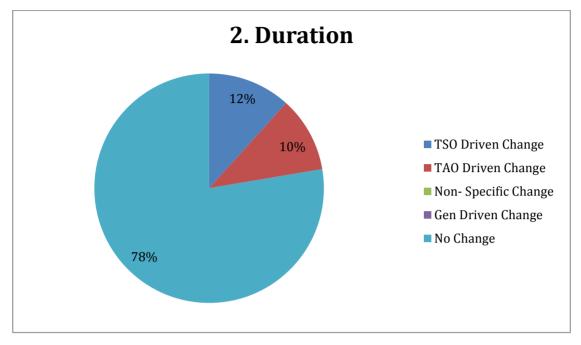


Figure 2: Category 2 - Initial duration communicated ex-ante

As shown in Figure 3 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 postpone or reschedule work.

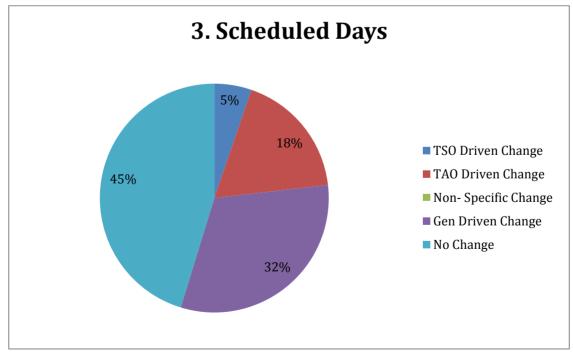


Figure 3: Category 3 - Scheduled days communicated ex-ante

Figure 4 shows that 46% of the designated days communicated ex-ante remained unchanged. Sources of change included generator requested changes to outage dates, facilitation of high priority works and TSO cancellation due to system security concerns.

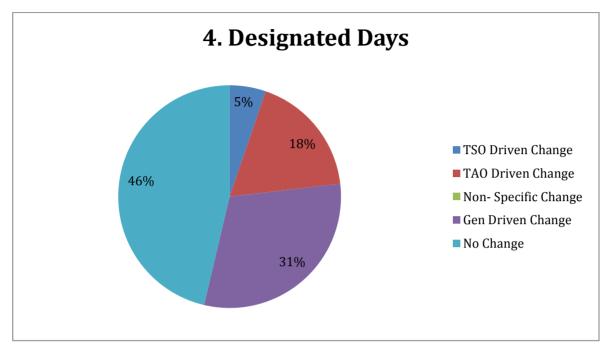


Figure 4: Category 4 - Designated days communicated ex-ante

Changes to works description communicated ex-ante in Figure 5 covers the situation where the corrective maintenance tasks were added in season or work items were incorrectly in the plan as they had been completed in a previous outage season. This was primarily due to lag in the closure of completion reports from the previous season leading to work items remaining open.

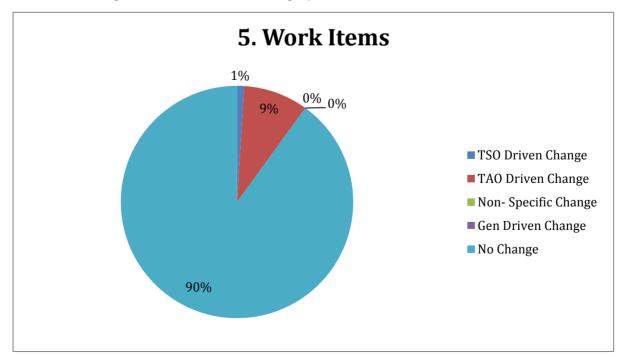


Figure 5: Category 5 - Works description communicated ex-ante

Figure 6 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.

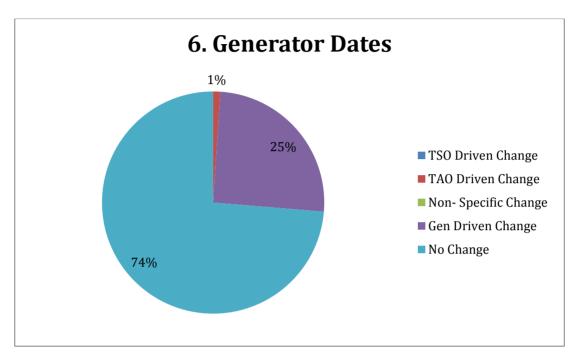


Figure 6: Category 6 - Generator outage dates

Figure 7 shows the breakdown of scheduled works that were not completed in 2019. 81% of works went ahead as planned with the majority of the remainder not being done due to a number of reasons determined by either the TSO or the TAO.

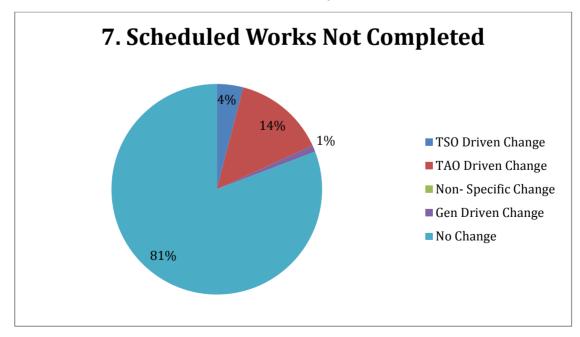


Figure 7: Category 7 - Scheduled Works Not Completed

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 2019. 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.

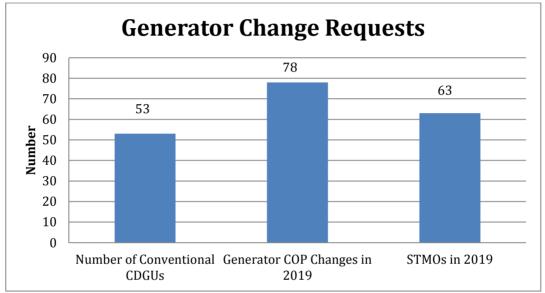


Figure 8: Generator change requests processed in 2019

In season, the TSO approved 78 changes to the generator outage dates as published in 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. 63 of these requests were accommodated in 2019.

Initiatives for improvement

This is the fourth 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 fourth such report, feedback from the 2019 Ex-Post forum will be factored into the 2020 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 2019; 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. These outage classifications are described in Table 1.

Outage Classification	Outage Description
Planned	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.
Proposed	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.
Scheduled	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.
Unscheduled	Outages with could not be accommodated in the first release of the Transmission Outage Programme but would be scheduled later in the programme.

Table 1: Outage states throughout the season.

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 2019

GENERATOR TRANSFORMER - XXXX

TO-18-2	O-18-XX-T103-01		1 Window: Jun		Status: Ir	ndicative
WORK	LOCATION WORK ID		STATUS	DAYS	DESCRIPTION/COMMENTS	
					Х	Total Maintenance Outage Duration Requested
XXX	CD			DO	х	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 2019 scheduled OACAs maintenance works are reported in this document. Changes to the seven 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.

Table 3: Reporting categories	in the Ex-Post report
-------------------------------	-----------------------

#	Category	Change	Reason For Change
1	Indicative window communicated ex-ante	Yes/No	
2	Initial duration communicated ex-ante	Yes/No	
3	Scheduled days communicated ex-ante	Yes/No	
4	Designated days communicated ex-ante	Yes/No	
5	Works description communicated ex-ante	Yes/No	
6	Generator outage dates	Yes/No	
7	Scheduled works not completed	Yes/No	

The categories 1 to 7 are explained as follows in Table 4 below.

Table 4: Description of the reporting categories

#	Category	Category Description
1	Indicative window communicated ex- ante	This category highlights if the outage occurred in the indicative outage window communicated to the generator at the start of the outage season.
2	Initial duration communicated ex- ante	This indicates if the outage took the number of days communicated to the generator at the start of the outage season.
3	Scheduled days communicated ex- ante	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	Designated days communicated ex- ante	This category indicates if the designated days (i.e. one of the five days where the generator is not outturn available for maintenance) were changed from those communicated to the generator when the outage became scheduled.
5	Works description communicated ex- ante	A change to this category indicates that the works description changed from those communicated to the generator at the start of the outage season.

6	Generator outage	A change to this category indicates that the generator applied to
	dates	the TSO to change their generator outage date as published in
		the Committed Outage Programme (COP).
7	Scheduled works	This category indicates if any one of the work items scheduled
	not completed	under the TOP-ID prior to the outage was not completed.

Please note:

- Where a work item incorrectly appeared in the EirGrid Ex-Ante Outturn Availability Connection Asset Maintenance Report, e.g. the work item had been completed in a previous outage season, this was logged as a change under 5. *Works description communicated ex-ante* rather than as a change under 7. *Scheduled works not completed*.
- 2. *Initial duration communicated ex-ante* refers to the duration to complete the maintenance works. If the outage duration was increased to complete capital works or to align with a generator requested outage and not due to the maintenance works taking longer it is not logged as a change under this category.

Appendix 3: Ex-Post Reporting Format

In this appendix, the OACA maintenance report lists changes as per points 1 to 7 from Table 3.

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).

			110kV FEEDE	ER - AGANNY(GAL DERRYBRIEN [D	errybrien DY1]
TO-19-AGL-	DYN-1-01	ISO week	: 23mo - 23we Actua	Date: 03 Jun Date: 04 Jun		3 Days (2 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
СМ	AGL	-	900713712	DO	3	CB - Siemens 3AP mod required to prevent spring charging lockout with loss of AC
OPT	AGL			DO	1	110kV SF6 Cubicle Operational Test
					•	
					Changed	Reason for Change
1	Indic	ative windo	w communicated	ex-ante	No	
2	Init	ial duration	communicated ex	k-ante	Yes	Duration reduced by TAO as work item highlighted in yellow not completed as design was not ready in advance of outage.
3	Sch	eduled day	s communicated e	ex-ante	Yes	Duration reduced by TAO as work item highlighted in yellow not completed as design was not ready in advance of outage.
4	Desi	gnated day	s communicated	ex-ante	Yes	Duration reduced by TAO as work item highlighted in yellow not completed as design was not ready in advance of outage.
5	Work	s description	on communicated	ex-ante	No	
6		Genera	tor outage dates		No	
7		Scheduled	works not comple	ted	Yes	Work item highlighted in yellow not completed by TAO as design was not ready in advance of outage

				220kV FEEDER	R - AGHADA L	ONG POINT
TO-19-AD	-LPT-1-02 IS	60 we	eek: 35we - 35fr Actua	Date: 28 Aug - al Date: 28 Aug -		uration: 3 Days (3 WD) Status: Planned
WORK	LOCATION	l	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
	AD			DO	2	Oil Sampling - VT's UTF245 ESBI
OPT	AD			DO	1	220kV SF6 Cubicle Operational Test
	•			•		
					Changed	Reason for Change
1	Indicativ	re wir	ndow communicated	d ex-ante	No	
2	Initial	durat	ion communicated	ex-ante	No	
3	Schedu	led c	lays communicated	ex-ante	No	
4	Designa	ated o	days communicated	l ex-ante	No	
5	5 Works description communicated ex-ante				No	
6		Gen	erator outage dates		No	
7	Scł	nedul	ed works not compl	eted	No	

			GENERATO	R TRANSFOR	MER - AGHADA	A T2011/12 [ESB GWM AT11/AT12]
TO-19-AD-	·T2011/12-04	4 I:	SO week: 27mo		01 Jul - 04 Jul 01 Jul - 04 Jul	Duration: 4 Days (4 WD) Status: Planned
WORK	LOCATIO	NC	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			4	Total Maintenance Outage Duration Requested
AMCAB	AD	-		DO	2	Annual Insp. 400 & 220 Station OF Cable
	AD			DO	2	Oil Sampling - VT's UTF245 ESBI
OPT	AD			DO	1	220kV SF6 Cubicle Operational Test
CMCAB	AD	-	900811453	DO	1	Replace Differential Oil Alarm Gauge
					Changed	Reason for Change
1	Indicati	ve wir	ndow communica	ted ex-ante	No	
2	Initial	durat	ion communicate	d ex-ante	No	
3	Sched	uled o	days communicate	ed ex-ante	No	
4	Design	ated of	days communicat	ed ex-ante	No	
5	Works	descri	ption communica	ted ex-ante	No	
6		Gen	erator outage dat	es	No	
7	Sc	hedul	ed works not com	pleted	No	

			GENERATOR	R TRANSFORMER	AGHADA T20	14 [ESB GWM AT4]
TO-19-AD-T	2014-03 !	SO wee	k: 29mo - 29we Actua	Date: 15 Jul - 17 . al Date: N/A	Jul Duration	n: 3 Days (3 WD) Status: Planned
WORK	LOCATIC	N	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
AMCAB	AD	-		DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	AD	-		DO	1	220kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative w	ndow communicate	ed ex-ante	Yes	Generator cancelled their own outage in Committed Outage Programme
2	Init	ial dura	tion communicated	ex-ante	No	
3	Sch	eduled	days communicate	d ex-ante	Yes	Generator cancelled their own outage in Committed Outage Programme
4	Des	ignated	days communicate	ed ex-ante	Yes	Generator cancelled their own outage in Committed Outage Programme
5	Work	s desci	ription communicate	ed ex-ante	No	
6		Gei	nerator outage date	es	Yes	Generator cancelled their own outage in Committed Outage Programme
7		Schedu	led works not comp	bleted	Yes	Works highlighted in yellow not completed as generator cancelled their own outage in Committed Outage Programme

			GENER	ATOR TRANSFORM	IER - AGHADA T2014	4 [ESB GWM AT4]
TO-19-AD-T	2014-04	ISO	week: 10we Actu	Date: 06 Mar al Date: 06 Mar	Duration: 1 Day (1	WD) Status: Scheduled
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				DO	1	Blackstart test
					Changed	Reason for Change
1	In	dicative	window commu	nicated ex-ante	No	
2		Initial du	ration communio	cated ex-ante	No	
3	5	Schedule	ed days commun	icated ex-ante	No	
4	D	esignat	ed days commur	icated ex-ante	No	
5	W	/orks de	scription commu	nicated ex-ante	No	
6		G	Generator outage	dates	No	
7		Sche	duled works not	completed	No	

		GENERAT	OR TRANSFOR	MER - ARDNA	CRUSHA GIS T101 [ESB GWM AA1]
TO-19-AA	GIS-T101-01	ISO week: 15tu -	15th Date: 09 Actual Date 09	Apr - 11 Apr Apr - 11 Apr	Duration: 3 Days (3 WD) Status: Scheduled
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-		3	Total Maintenance Outage Duration Requested
OPT	AA		DO	1	110KV MO Cubicle Operational Test
		·	·		
				Changed	Reason for Change
1	Indicative	window communica	ated ex-ante	No	
2	Initial du	uration communicate	ed ex-ante	No	
3	Schedule	ed days communica	ted ex-ante	No	
4	Designate	ed days communica	ited ex-ante	No	
5	Works de	scription communica	ated ex-ante	No	
6	0	Generator outage da	ites	No	
7	Sche	duled works not cor	npleted	No	

GENERATOR TRANSFORMER - ARDNACRUSHA GIS T102 [ESB GWM AA2]

TO-19-AA	GIS-T102-01	IS	SO week: 35we		28 Aug - 30 Aug Duration: 3 Days (3 WD) Status: Planned 2 Sep - 04 Sep			
WORK	LOCATION	N	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS		
		-			3	Total Maintenance Outage Duration Requested		
OPT	AA			DO	1	110KV MO Cubicle Operational Test		
AMCAB	AA	-		DO	2	Cable Insp. 110kV XLPE		
					-			
					Changed	Reason for Change		
1	Indicative	e win	dow communica	ited ex-ante	Yes	Changed due to generator request		
2	Initial d	urati	on communicate	ed ex-ante	No			
3	Schedul	ed d	ays communicat	ed ex-ante	Yes	Changed due to generator request		
4	Designa	ted d	lays communica	ted ex-ante	Yes	Changed due to generator request		
5	Works de	escrip	otion communica	ated ex-ante	No			
6		Gene	erator outage da	tes	No			
7	0.1	م ارزام م	ed works not con	مسامدها	No			

			GENERATO	R TRANSFOR	MER - ARDNAC	RUSHA GIS T103 [ESB GWM AA3]
TO-19-AA	GIS-T103-01	I	SO week: 21tu -		21 May - 23 May 21 May - 23 May	
WORK	WORK LOCATION		WORK ID STATUS		DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
AMCAB	AA	-		DO	2	Cable Insp. 110kV XLPE
OPT	AA			DO	1	110KV MO Cubicle Operational Test
					Changed	Reason for Change
1	Indicativ	ve wi	ndow communica	ted ex-ante	No	
2	Initial	durat	tion communicate	d ex-ante	No	
3	Schedu	led	days communicat	ed ex-ante	No	
4	Designa	ated	days communicat	ed ex-ante	No	
5	Works d	lescr	iption communica	ted ex-ante	No	
6		Ger	nerator outage dat	es	No	
7	Sch	nedu	led works not com	pleted	No	

			GENERATO	R TRANSFORMI		USHA GIS T104 [ESB GWM AA4]		
TO-19-AA	GIS-T104-01	15	60 week: 29mo -		1 5 Jul - 17 Jul 23 Sep - 27 Sep	Duration: 3 Days (3 WD) Status: Planned		
WORK LOCATIO		N	N WORK ID STATU		DAYS	DESCRIPTION/COMMENTS		
		-			3	Total Maintenance Outage Duration Requested		
AMCAB	AA	-		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE		
OPT	AA	-		DO	1	110KV GIS Cubicle Operational Test		
	•			•				
					Changed	Reason for Change		
1	Indicati	ve wi	ndow communica	ted ex-ante	Yes	TAO requested change to align with other generator requested works		
2	Initial	dura	tion communicate	ed ex-ante	No			
3	Sched	luled	days communicat	ed ex-ante	Yes	Generator requested change to Committed Outage Programme		
4	Desigr	nated	days communica	ted ex-ante	Yes	Generator requested change to Committed Outage Programme		
5	Works	desci	ription communica	ated ex-ante	No			
6		Ger	nerator outage da	tes	Yes	Generator requested change to Committed Outage Programme		
7	Sc	hedu	led works not con	npleted	No			

110kV FEEDER - ATHEA DROMADA TO-19-ATE-DRO-1-03 Date: 30 Sep Duration: 1 Day (1 WD) Status: Planned ISO week: 40mo Actual Date: N/A WORK LOCATION WORK ID STATUS DAYS DESCRIPTION/COMMENTS Total Maintenance Outage Duration Requested 1 -OPT ATE DO 1 110kV SF6 Cubicle Operational Test -Changed **Reason for Change** TSO postponement of works 1 Indicative window communicated ex-ante Yes 2 Initial duration communicated ex-ante No 3 Scheduled days communicated ex-ante No 4 No Designated days communicated ex-ante 5 Works description communicated ex-ante No 6 Generator outage dates No Work item highlighted in yellow above not completed due to TSO 7 Scheduled works not completed Yes postponement of works

				11	0kV FEEDER ·	ATHEA KNOCKANURE				
TO-19-AT	E-KNR-1-	02	ISO week: 45		Date: 04 Nov - Date: N/A	07 Nov Duration: 4 Days (4 WD) Status: Planned				
WORK	LOCAT	ION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS				
		-			4	Total Maintenance Outage Duration Requested				
OS	ATE	-		DO	4	110kV SF6 Cubicle Ordinary Service				
OPT	KNR			DO	1	110kV SF6 Cubicle Operational Test				
					Changed	Reason for Change				
1	Indicati	ve wi	ndow communi	cated ex-ante	Yes	TSO postponement of works				
2	Initial	durat	tion communica	ited ex-ante	No					
3	Sched	uled	days communic	ated ex-ante	No					
4	Design	ated	days communio	cated ex-ante	No					
5	Works	descri	iption communi	cated ex-ante	No					
6		Gen	erator outage o	lates	No					
7	Sc	hedul	ed works not c	ompleted	Yes	Work items highlighted in yellow above not completed due to TSO postponement of works				

				GENERATO	R TRANSFOR	RMER - ATHEA T121 [Athea A	AH1]		
TO-19-A1	E-T121-0	2	ISO week: 45	mo Dat Actual Dat	e: 04 Nov e: N/A	Duration: 1 Day (1 WD)	Status: Planned		
WORK	WORK LOCATION		WORK ID STATUS		DAYS	DESCRIPTION/COMMENTS			
		-			1	Total Maintenance Outage D	uration Requested		
OPT	ATE	110		DO	1	110kV SF6 Cubicle Operatio	nal Test		
					Changed	Reason for Change			
1	Indicativ	ve wind	low communica	ited ex-ante	Yes	TSO postponement of works			
2	Initial	duratio	n communicate	ed ex-ante	No				
3	Sched	uled da	ys communicat	ed ex-ante	No				
4	Design	ated da	ays communica	ted ex-ante	No				
5	Works	descript	tion communica	ated ex-ante	No				
6		Gene	rator outage da	tes	No				
7	Sc	neduleo	d works not cor	npleted	Yes	Work item highlighted in yello postponement of works	ow above not completed due to TSO		

			110kV FEED	ER - AUGHINISH	H SEALROCK 3				
TO-19-AL	IG-SK-3-01	ISO week: 37	mo - 37tu Date: 09 S Actual Date: 23 S		Duration: 2 Days (2 WD) Status: Planned				
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS				
PROT	AUG		DO	2	P1 Protection Maintenance of 7SA511, REL551				
				Changed	Reason for Change				
1	Indicat	ive window com	municated ex-ante	No					
2	Initia	I duration comm	unicated ex-ante	No					
3	Scheo	luled days comr	nunicated ex-ante	Yes	Generator requested change to Committed Outage Programme				
4	Desigi	nated days com	municated ex-ante	Yes	Generator requested change to Committed Outage Programme				
5	Works	description com	municated ex-ante	Yes	Addition of P3 Protection Maintenance of 7SA513, REL551 in season				
6		Generator out	age dates	Yes	Generator requested change to Committed Outage Programme				
7	So	cheduled works	not completed	No					
TO-19-AL	IG-SK-3-02	ISO week: 37	we - 38mo Date: 11 Actual Date:	Sep - 16 Sep	Duration: 6 Days (4 WD) Status: Planned				
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS				
	-			4	Total Maintenance Outage Duration Requested				
OS	AUG -	900943120	DO	5	110kV SF6 Cubicle Ordinary Service				
				Changed	Reason for Change				
1	Indicat	ive window com	municated ex-ante	No					
2	Initia	I duration comm	unicated ex-ante	No					
3	Scheo	luled days comr	nunicated ex-ante	No					
4	Desigi	nated days com	municated ex-ante	No					
5	Works	description com	municated ex-ante	Yes	Work item highlighted in yellow was incorrectly in the plan as it had been completed in a previous outage season				
6		Generator out	age dates	No					
7	So	cheduled works	not completed	No					

110kV FEEDER - AUGHINISH SEALROCK 4

TO-19-AUG-SK-4-01		ISO week: 10mo Date: 04 Mar Actual Date: 04 Mar		Duration: 1	Day (1 WD)	Status: Scheduled	
WORK	LOCATION		WORK ID	STATUS	DAYS		DESCRIPTION/COMMENTS
		-			1	Total Mainten	ance Outage Duration Requested
OPT	AUG	-		DO	2	110kV SF6 C	ubicle Operational Test
					Changed	Reason for C	Change
1	Indicativ	e wind	ow communicat	ed ex-ante	No		
2	Initial of	duratio	n communicate	d ex-ante	No		
3	Schedu	led da	ys communicate	ed ex-ante	No		
4	Designa	ted da	ys communicat	ed ex-ante	No		
5	Works d	escript	ion communicat	ted ex-ante	No		
6		Gener	ator outage dat	es	No		
7	Cab	مطيبامه	works not com	plotod	No		

SECTIONALISING DISCONNECT - BOGGERAGH 110SA1

TO-19-BGH	I-110SA1-0	2 ISO week: 43m		21 Oct - 22 C 23 Oct - 01 N		Days (2 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
PROX			PR0004	DO	2	As a consequence of BGH-CLA-1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
PROX			PR0004	DO	2	110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
OS	BGH	110-SA1		DO	2	110kV Sect / Dist Ordinary Service
					Changed	Reason for Change
1		Indicative window cor	mmunicated ex-ai	nte	No	
2		Initial duration com	municated ex-ante	9	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3		Scheduled days com	nmunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
4		Designated days cor	nmunicated ex-ar	ite	Yes	TAO requested change of two days due to crew availability
5	,	Works description co	mmunicated ex-a	nte	No	
6		Generator or	utage dates		No	
7		Scheduled works	s not completed		No	
TO-19-BGH	-110SA1-0	3 ISO week: 43m		21 Oct - 22 (23 Oct - 01 N		Days (2 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX			PR0004	DO	2	As a consequence of BGH-110SA2: 110 kV A2 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA2)
					Changed	Reason for Change
1		Indicative window cor	nmunicated ex-a	nte	No	
2		Initial duration com			Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
		Scheduled days com	nmunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
3	1	D :	nmunicated ex-ar	ite	Yes	TAO requested change of two days due to crew availability
3		Designated days cor				
		Works description co		nte	No	
4		0, ,	mmunicated ex-a	nte	No No	

SECTIONALISING DISCONNECT - BOGGERAGH 110SA2

TO-19-BGH	I-110SA2-02	2 ISO week: 43mo		21 Oct - 22 0 23 Oct - 01 N		Days (2 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
PROX	-		PR0004	DO	2	110 kV A2 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA2)
OPT	BGH	110-SA2		DO	2	110kV Sect / Dist Operational Test
					Changed	Reason for Change
1		Indicative window com	municated ex-ar	nte	No	
2		Initial duration comm	unicated ex-ante	e	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3		Scheduled days comn	nunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
4		Designated days comr	nunicated ex-an	ite	Yes	TAO requested change of two days due to crew availability
5	١	Norks description com	municated ex-a	nte	No	
6		Generator out	age dates		No	
7		Scheduled works	•		No	
TO-19-BGH	I-110SA2-0:	3 ISO week: 43mo	- 43tu Date: Actual Date:	21 Oct - 22 (23 Oct - 01 N	Oct Duration: 2 I	
	I-110SA2-0:		- 43tu Date:		Oct Duration: 2	DESCRIPTION/COMMENTS
TO-19-BGH	I-110SA2-0:	3 ISO week: 43mo	- 43tu Date: Actual Date:	23 Oct - 01 N	Oct Duration: 2 I	DESCRIPTION/COMMENTS
TO-19-BGH WORK	I-110SA2-0:	3 ISO week: 43mo	- 43tu Date: Actual Date: WORK ID	23 Oct - 01 N STATUS	Dct Duration: 2 Nov	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
TO-19-BGH WORK PROX	I-110SA2-0:	3 ISO week: 43mo	- 43tu Date: Actual Date: WORK ID PR0004	23 Oct - 01 N STATUS DO	Det Duration: 2 I Nov DAYS 2 2	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
ro-19-BGH WORK PROX PROX		3 ISO week: 43mo	- 43tu Date: Actual Date: WORK ID PR0004 PR0004	23 Oct - 01 N STATUS DO DO	Det Duration: 2 I Nov DAYS 2 2 Changed	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 (@BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service
TO-19-BGH WORK PROX		3 ISO week: 43mo	- 43tu Date: Actual Date: WORK ID PR0004 PR0004	23 Oct - 01 N STATUS DO DO	Det Duration: 2 I Nov DAYS 2 2	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 (@BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
TO-19-BGH WORK PROX PROX		3 ISO week: 43mo	- 43tu Date: Actual Date: WORK ID PR0004 PR0004 municated ex-art	23 Oct - 01 N STATUS DO DO	Det Duration: 2 I Nov DAYS 2 2 Changed No	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) Reason for Change TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as
PROX 1 2		3 ISO week: 43mo	Actual Date: Actual Date: WORK ID PR0004 PR0004 PR0004 municated ex-anter nunicated ex-anter nunicated ex-anter	23 Oct - 01 N STATUS DO DO DO	Det Duration: 2 I Nov DAYS 2 2 Changed No Yes	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) Reason for Change TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment TAO requested change of two days due to crew
ICO-19-BGH WORK PROX PROX 1 2 3		3 ISO week: 43mo	Actual Date: Actual Date: WORK ID PR0004 PR0004 PR0004 municated ex-anter unicated ex-anter nunicated ex-anter nunicated ex-anter nunicated ex-anter nunicated ex-anter nunicated ex-anter	23 Oct - 01 N STATUS DO DO DO te	Det Duration: 2 I Nov DAYS 2 2 Changed No Yes Yes	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 (@BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) Reason for Change TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment TAO requested change of two days due to crew availability TAO requested change of two days due to crew
TO-19-BGH WORK PROX PROX 1 2 3 4		3 ISO week: 43mo	Actual Date: Actual Date: WORK ID PR0004 PR0004 PR0004 municated ex-anter nunicated ex-anter nunicated ex-anter nunicated ex-anter municated ex-anter	23 Oct - 01 N STATUS DO DO DO te	Det Duration: 2 I Nov DAYS 2 2 2 Changed No Yes Yes Yes	DESCRIPTION/COMMENTS As a consequence of BGH-CLA-1: 110 kV A1 (BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) As a consequence of BGH-110SA1: 110 kV A1 (@BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1) Reason for Change TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment TAO requested change of two days due to crew availability TAO requested change of two days due to crew

TO-19-BGH-	CLA-1-02	ISO week: 20th -	20fr Date: 16 M Actual Date: 23 M	ay - 17 May 1ay - 24 May	Duration: 2 Days	s (2 WD) Status: Trip Testing
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	CLA			DO	2	Trip testing - For Thurs/Fri (No overlap with P1 or P2 protection maintenance this week)
					Changed	Reason for Change
1	I	ndicative window co	ommunicated ex-ar	nte	No	
2		Initial duration con	nmunicated ex-ante	9	No	
3		Scheduled days co	mmunicated ex-ant	e	Yes	TSO requested change for system reasons
4		Designated days co	mmunicated ex-an	te	Yes	TSO requested change for system reasons
5	١	Norks description co	ommunicated ex-ar	nte	No	
6		Generator of	outage dates		No	
7		Scheduled work	s not completed		No	
TO-19-BGH-	CLA-1-04	ISO week: 43mo	- 43tu Date: 2 Actual Date: 23	l Oct - 22 Oc t 3 Oct - 01 Nov		ys (2 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX			PR0004	DO	2	110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
					Changed	Reason for Change
1		ndicative window co	ommunicated ex-ar	nte	No	
2		Initial duration con	nmunicated ex-ante)	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3		Scheduled days co	mmunicated ex-ant	e	Yes	TAO requested change of two days due to crew availability
4		Designated days co	mmunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
5	١	Norks description co	ommunicated ex-ar	nte	No	
6		Generator of	outage dates		No	
7		Scheduled work	s not completed		No	
TO-19-BGH-	CLA-1-03	ISO week: 43mo	- 44we Date: 2 Actual Date: 2	2 1 Oct - 30 Oc 23 Oct - 01 No		Days (7 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			7	Total Maintenance Outage Duration Requested
TRAN			900985527	DO	1	2018HP-1[38]Check(General)-shieldwire
TRAN			900985528	DO	1	2018HP-1[30]Earths-Replace Broken leads
OS	BGH	-		DO	4	110kV SF6 Cubicle Ordinary Service
CA	BGH	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
	CLA			DO	5	Investigate & Repair SF6 leak
OS	CLA	-		DO	4	110kV SF6 Cubicle Ordinary Service
CA	CLA	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
CORRECT	CLA	-	900973236	DO	1	O1-Main ON sign in c.b. chassis is very
	CLA	-	900973238	DO	1	O1- SF6 Gas top up required.

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	
2	Initial duration communicated ex-ante	No	
3	Scheduled days communicated ex-ante	Yes	TAO requested change of two days due to crew availability
4	Designated days communicated ex-ante	Yes	TAO requested change of two days due to crew availability
5	Works description communicated ex-ante	No	
6	Generator outage dates	No	
7	Scheduled works not completed	No	

		GENER	ATOR TRANSFO	ORMER - BOG	GERAGH T121 [B	oggeragh BG1]
TO-19-BGH	I-T121-03	ISO week: 43mo -		21 Oct - 22 Oct 23 Oct - 01 Nov	Duration: 2 D	ays (2 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX				DO	2	As a consequence of BGH-CLA-1: 110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
PROX			PR0004	DO	2	110 kV A1 @ BGH: Proximity outage for work on Boggeragh 110kV Sect / Dist Ordinary Service (SA1)
					Changed	Reason for Change
1		ndicative window co	mmunicated ex-a	nte	No	
2		Initial duration com	municated ex-ant	e	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3		Scheduled days con	nmunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
4		Designated days cor	nmunicated ex-ar	nte	Yes	TAO requested change of two days due to crew availability
5	١	Norks description co	mmunicated ex-a	nte	No	
6		Generator of	utage dates		No	
7		Scheduled works	s not completed		No	
TO-19-BGH	I-T121-02	ISO week: 42sa -	43we Date: 1 Actual Date: 2	9 Oct - 23 Oct 3 Oct - 01 Nov	Duration: 5 D	ays (3 WD) Status: Planned
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			5	Total Maintenance Outage Duration Requested
OS	BGH	-		DO	4	110kV SF6 Cubicle Ordinary Service
CA	BGH	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
					Changed	Reason for Change
1		ndicative window co	mmunicated ex-a	nte	No	
2		Initial duration com	municated ex-ant	e	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3		Scheduled days con	nmunicated ex-an	te	Yes	TAO requested change of two days due to crew availability
4		Designated days cor	nmunicated ex-ar	nte	Yes	TAO requested change of two days due to crew availability
5	۱	Norks description co	mmunicated ex-a	nte	No	
6		Generator of	utage dates		No	
7		Scheduled works	s not completed		No	

			GENERATOR T	RANSFORMER - BO	DGGERAGH T1	32 [Boggeragh BG2]
TO-19-BGH	-T132-02 ISO	we	ek: 42su - 43we Actua	Date: 20 Oct - 23 C		n: 4 Days (3 WD) Status: Planned
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-		DO	4	Total Maintenance Outage Duration Requested
OS	BGH - DO			DO	4	110kV SF6 Cubicle Ordinary Service
			•			
					Changed	Reason for Change
1	Indicativ	ve v	vindow communicate	ed ex-ante	No	
2	Initial	dur	ation communicated	ex-ante	Yes	TSO error, plant should have had outage duration equal to Boggeragh - Clashavoon as that circuit offloads this piece of equipment
3	Sched	uleo	days communicate	d ex-ante	Yes	TAO requested change of two days due to crew availability
4	Design	ate	d days communicate	ed ex-ante	Yes	TAO requested change of two days due to crew availability
5	Works	deso	cription communicate	ed ex-ante	No	
6		Ge	enerator outage date	s	No	
7	Sc	hed	uled works not comp	pleted	No	

		GENERA	FOR TRANSFO	RMER - BOO	LTIAGH T121 [Bool	tiagh BT1/BT2]
TO-19-BOL·	-T121-03	ISO week: 17we Ad	Date: 24 A ctual Date: 24 A		tion: 1 Day (1 WD)	Status: Scheduled
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	BOO	-	900942131	DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1		Indicative window com	municated ex-ar	nte	No	
2		Initial duration comm	unicated ex-ante	е	No	
3		Scheduled days comm	nunicated ex-an	te	No	
4		Designated days com	nunicated ex-an	ite	No	
5		Works description com	municated ex-ar	nte	No	
6		Generator out	age dates		No	
7		Scheduled works	not completed		No	
						•
TO-19-BOL·	-T121-04	ISO week: 17we - 17	th Date: 24 Actual Date: 24	Apr - 25 Apr Apr - 25 Apr	Duration: 2 Days	
TO-19-BOL WORK	-T121-04		Date: 24 Actual Date: 24 WORK ID	Apr - 25 Apr Apr - 25 Apr STATUS	Duration: 2 Days	(2 WD) Status: Proposed DESCRIPTION/COMMENTS
	-T121-04	ŀ	Actual Date: 24	Apr - 25 Apr	-	· · ·
WORK	-T121-04	ŀ	Actual Date: 24	Apr - 25 Apr STATUS	DAYS 2	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work o Booltiagh 110kV Sect / Dist Ordinary Service
WORK	-T121-04	ŀ	Actual Date: 24 WORK ID PR0004	Apr - 25 Apr STATUS DO	DAYS	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work o Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
WORK PROX	-T121-04		Actual Date: 24 WORK ID PR0004 municated ex-ar	Apr - 25 Apr STATUS DO	DAYS 2 Changed	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work of Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
WORK PROX	-T121-04	LOCATION	Actual Date: 24 WORK ID PR0004 municated ex-art	Apr - 25 Apr STATUS DO nte	DAYS 2 Changed No	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work of Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
WORK PROX 1 2	-T121-04	LOCATION Indicative window com Initial duration comm	Actual Date: 24 WORK ID PR0004 municated ex-art unicated ex-anter nunicated ex-anter	Apr - 25 Apr STATUS DO nte e te	DAYS 2 Changed No No	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work of Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
WORK PROX 1 2 3		LOCATION Indicative window com Initial duration comm Scheduled days comm	Actual Date: 24 WORK ID PR0004 municated ex-ar unicated ex-anten nunicated ex-an	Apr - 25 Apr STATUS DO DO nte e te	DAYS 2 Changed No No No	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work of Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
WORK PROX 1 2 3 4		LOCATION Indicative window com Initial duration comm Scheduled days comm Designated days comm	Actual Date: 24 WORK ID PR0004 municated ex-an unicated ex-anten unicated ex-anten nunicated ex-an municated ex-an	Apr - 25 Apr STATUS DO DO nte e te	DAYS 2 Changed No No No No	DESCRIPTION/COMMENTS 110 kV A1 @ BOL: Proximity outage for work of Booltiagh 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)

GENERATOR TRANSFORMER - CARRIGADROHID T103 [ESB GWM LE3]

TO-19-CD-	T103-01	ISO week: 24mo - 2	4we Date: 10 Actual Date: 10) Jun - 12 Jun) Jun - 12 Jun			
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
		-			3	Total Maintenance Outage Duration Requested	
		-		DO	3	Check CT/VT circuit to the 110 KV Main and check meters at Carrigadroid 110 KV station, and also check and replace the VT fuse holders if required and check the CT terminals.	
OPT	CD	-		DO	1	110KV SF6 Cubicle Operational Test	
					Changed	Reason for Change	
1		Indicative window cor	nmunicated ex-a	nte	No		
2		Initial duration comr	nunicated ex-ant	e	No		
3		Scheduled days com	municated ex-an	ite	No		
4		Designated days com	nmunicated ex-ar	nte	No		
5		Works description communicated ex-ante					
6		Generator ou	itage dates		No		
7		Scheduled works	not completed		No		

	110kV FEEDER - CASTLEDOCKRELL LODGEWOOD [Castledockrell CK1]											
TO-19-CD	K-LWD-1-01	ISO week: 25mo ·		17 Jun - 18 Jun 17 Jun - 19 Jun	Duration: 2 Days (2 WD)	Status: Planned						
WORK	LOCATION WORK ID STATUS		DAYS	DESCRIP	TION/COMMENTS							
PROT	LWD DO		2	P1 Protection Maintenance of	7SA612							
				Changed	Reason for Change							
1	Indicative	window communica	ted ex-ante	No								
2	Initial du	ration communicate	d ex-ante	Yes	TAO requested change to con	nplete SF6 Op Test						
3	Schedule	d days communicate	ed ex-ante	Yes	TAO requested change to con	nplete SF6 Op Test						
4	Designate	ed days communicat	ed ex-ante	Yes	TAO requested change to con	nplete SF6 Op Test						
5	Works description communicated ex-ante			Yes	TAO requested change to complete SF6 Op Test							
6	G	enerator outage dat	ies	No								
7	Scheo	duled works not com	pleted	No								

				110kV FEE	DER - CATHAL	EENS FALL CLIFF	-
TO-19-CF-C	CL-1-02	ISO we	ek: 34we Act	Date: 21 Aug ual Date: 02 Sep		on: 1 Day (1 WD)	Status: Planned
WORK	LOC	ATION	W	ORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
			-			1	Total Maintenance Outage Duration Requested
OPT	CF				DO	1	110kV SF6 Cubicle Operational Test
						Changed	Reason for Change
1		Indicativ	ve window cor	nmunicated ex-a	ante	Yes	Generator requested change to Committed Outage Programme
2		Initial	duration com	nunicated ex-an	te	No	
3		Schedu	uled days com	municated ex-a	nte	Yes	Generator requested change to Committed Outage Programme
4		Designa	ated days con	nmunicated ex-a	inte	Yes	Generator requested change to Committed Outage Programme
5		Works d	lescription co	nmunicated ex-a	ante	No	
6	Generator outage dates					Yes	Generator requested change to Committed Outage Programme
7		Sch	neduled works	not completed		No	

TO-19-CF-C	CL-1-01 ISO week: 36	Swe - 36th Date: 04 Actual Date: 02	Duration: 2 Days	s (2 WD) Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	CF		DO	2	P1 Protection Maintenance of 7SA511
				Changed	Reason for Change
1	Indicative w	indow communicated e	ex-ante	No	
2	Initial dura	ation communicated ex-	-ante	No	
3	Scheduled	days communicated ex	k-ante	Yes	Generator requested change to Committed Outage Programme
4	Designated	days communicated e	x-ante	Yes	Generator requested change to Committed Outage Programme
5	Works desc	ription communicated e	ex-ante	No	
6	Ge	nerator outage dates		Yes	Generator requested change to Committed Outage Programme
7	Schedu	uled works not complete	ed	No	

		GENERATOR	RTRANSFORM	MER - CATHAL	LEENS FALL T103	3 [ESB GWM ER3]	
TO-19-CF-1	Г103-01	ISO week: 20mo - 20tu Ad	Date: 13 I	May - 14 May ⁄Iay - 14 May	Duration: 2 Days (2 WD) Status: Planned		
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
PROT	CF			DO	2	P1 Protection Maintenance of 7SA612, BOC, 7UT513, 7UT31	
					Changed	Reason for Change	
1		Indicative window comm	unicated ex-ar	nte	No		
2		Initial duration commu	nicated ex-ante	9	No		
3		Scheduled days comm	unicated ex-ant	te	No		
4		Designated days comm	unicated ex-an	te	No		
5		Works description comm	nunicated ex-ar	nte	No		
6		Generator outag	ge dates		No		
7		Scheduled works no	ot completed		No		
TO-19-CF-1	Г103-02	ISO week: 20we - 21tu Ac	Date: 15 N ctual Date: 15 N	/lay - 21 May /lay - 21 May	Duration: 7 Day	ys (5 WD) Status: Planned	
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
PROX	-			DO	7	Proximity outage for work on Cath Falls 110K1 2 (110kV Sect / Dist Ordinary Service)	
OPT	CF	-	900942188	DO	1	110KV SF6 Cubicle Operational Test	
				1	Changed	Person for Change	
1		Indicative window comm	uniacted av ar		Changed No	Reason for Change	
2					No		
2		Initial duration commu			No		
3		Scheduled days commo			No		
4 5		Works description comm			No		
5 6		Generator outa			No		
7		Scheduled works no	•		No		
1		Scheduled works he	or completed		INU		

GENERATOR TRANSFORMER - CATHALEENS FALL T104 [ESB GWM ER4]

TO-19-CF-1	Г104-01	ISO week: 25mo - 2	5sa Date: 17 Actual Date: 17	Jun - 22 Jun Jun - 22 Jun	Duration: 6 Days (5 WD) Status: Planned		
WORK		LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
PROX				DO	6	Proximity outage for work on Cath Falls 110K1-2 (110kV Sect / Dist Ordinary Service)	
		-			4	Total Maintenance Outage Duration Requested	
OS	CF	-		DO	4	110KV SF6 Cubicle Ordinary Service	
					Changed	Reason for Change	
1		Indicative window co	mmunicated ex-a	nte	No		
2		Initial duration com	municated ex-ant	e	No		
3		Scheduled days con	nmunicated ex-ar	ite	No		
4		Designated days cor	nmunicated ex-a	nte	No		
5		Works description communicated ex-ante					
6		Generator outage dates					
7		Scheduled work	s not completed		No		

			GENERATOR TRAI	NSFORMER - CI	LIFF T101 [ESB G	SWM ER1]
TO-19-CL-T	101-02	ISO week: 36fr Date: 06 S Actual Date: 02 S				Status: Planned
WORK	LOCAT	ION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	CL			DO	1	110KV SF6 Cubicle Operational Test
			·			
					Changed	Reason for Change
1	lı	ndicative windo	w communicated ex	-ante	No	
2		Initial duration	communicated ex-a	nte	No	
3	;	Scheduled day	s communicated ex-	ante	Yes	Generator requested change to Committed Outage Programme
4	[Designated day	rs communicated ex-	ante	Yes	Generator requested change to Committed Outage Programme
5	V	Vorks description	on communicated ex	-ante	No	
6	Generator outage dates				Yes	Generator requested change to Committed Outage Programme
7		Scheduled	works not completed	1	No	

TO-19-CL-T	101-01 ISO week: 3	6we - 36th Date: 0 Actual Date: 0)4 Sep - 05 Sep)8 Jul - 09 Jul	Duration: 2 Days	s (2 WD) Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	CL		DO	2	P1 Protection Maintenance of 7SJ511, 7UT513
				Changed	Reason for Change
1	Indicative v	vindow communicated	ex-ante	Yes	Generator requested change to Committed Outage Programme
2	Initial dur	ation communicated ex	x-ante	No	
3	Scheduled	days communicated e	ex-ante	Yes	Generator requested change to Committed Outage Programme
4	Designated	d days communicated	ex-ante	Yes	Generator requested change to Committed Outage Programme
5	Works desc	cription communicated	ex-ante	No	
6	Generator outage dates			Yes	Generator requested change to Committed Outage Programme
7	Sched	uled works not comple	ted	No	

TO-19-CL-1	102-02	ISO we	eek: 34fr Actua	Date: 23 Aug al Date: 02 Sep - 0		Day (1 WD) Status: Planned
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	CL			DO	1	110KV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indicative window communicated ex-ante				Yes	Generator requested change to Committed Outage Programme
2	In	itial duratio	n communicat	ed ex-ante	No	
3	Sc	heduled da	ys communica	ted ex-ante	No	
4	De	signated da	ays communica	ated ex-ante	No	
5	Wo	Works description communicated ex-ante				
6		Gener	ator outage da	ates	Yes	Generator requested change to Committed Outage Programme
7		Scheduled	d works not co	mpleted	No	
TO-19-CL-1	102-01	ISO weel	k: 34we - 34th Ad	Date: 21 Aug ctual Date: 02 Sep		uration: 2 Days (2 WD) Status: Planned
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	CL			DO	2	P1 Protection Maintenance of 7SJ511, 7UT513
					Changed	Reason for Change
1	Indi	cative wind	ow communic	ated ex-ante	Yes	Generator requested change to Committed Outage Programme
2	In	itial duratio	n communicat	ed ex-ante	No	
3	Sc	heduled da	ys communica	ted ex-ante	No	
4	De	signated da	ays communica	ated ex-ante	No	
5	Wo	rks descript	ion communic	ated ex-ante	No	
6		Gener	ator outage da	ates	Yes	Generator requested change to Committed Outage Programme
7	1	Scheduler	d works not co	mplotod	No	

			BUSBAR SECTION	ON - CLOGHBO	OLA 110 kV A1/A2					
TO-19-110 I	TO-19-110 kV A1/A2 @ CBA-01 ISO week: 18we - 18th Date: 01 May - 02 May Duration: 2 Days (2 WD) Status: Scheduled Actual Date: N/A									
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS					
			2	As a consequence of maintenance on Cloghboola-Trien 110 kV.						
	· ·			•						
				Changed	Reason for Change					
1	Indicative windo	ow communica	ated ex-ante	Yes	TSO postponement of works					
2	Initial duration	n communicate	ed ex-ante	No						
3	Scheduled day	/s communica	ted ex-ante	Yes	TSO postponement of works					
4	Designated day	ys communica	ated ex-ante	Yes	TSO postponement of works					
5	Works descripti	on communic	ated ex-ante	No						
6	Genera	ator outage da	ates	No						
7	Scheduled	works not cor	mpleted	No						

				110kV FEE	DER - CLOGH	BOOLA TRIEN
TO-19-CBA	TO-19-CBA-TRI-1-01		ISO week: 18we - 18th Actua		y - 02 May	Duration: 2 Days (2 WD) Status: Scheduled
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
TRAN			900985584	DO	2	2018HP-1[13]Earths-Check-EW at base
OPT	CBA			DO	1	110kV SF6 Cubicle Operational Test
OPT	TRI	-		DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative windo	ow communicated	l ex-ante	Yes	TSO postponement of works
2	Ini	tial duratior	n communicated e	ex-ante	No	
3	Sch	eduled day	s communicated	ex-ante	Yes	TSO postponement of works
4	Des	ignated day	ys communicated	ex-ante	Yes	TSO postponement of works
5	Worl	ks descripti	on communicated	l ex-ante	No	
6		Genera	ator outage dates		No	
7		Scheduled	works not compl	eted	Yes	Work items highlighted in yellow above not completed due to TSO postponement of works

				110kV FEED	ER - CLOGHE	R MULREAVY
TO-19-CLO	-MRY-1-0 [^]	1 ISO	week: 23we Actu	Date: 05 Ju al Date: 05 Jur		on: 1 Day (1 WD) Status: Planned
WORK	WORK LOCATION WORK ID STATUS				DAYS	DESCRIPTION/COMMENTS
	-				1	Total Maintenance Outage Duration Requested
OPT	CLO	-	900942237	DO	1	110kV GIS Cubicle Operational Test
					Changed	Reason for Change
1	Indi	cative windo	w communicated	ex-ante	No	
2	In	itial duratior	communicated e	x-ante	No	
3	Scl	heduled day	s communicated	ex-ante	No	
4	Des	signated day	/s communicated	ex-ante	No	
5	Wor	ks descripti	on communicated	l ex-ante	Yes	Addition of SF6 Cubicle Op Test in Mulreavy station
6		Genera	ator outage dates		No	
7		Scheduled	works not comple	eted	No	

110kV FEEDER - CLONKEEN COOMAGEARLAHY

TO-19-CKN	-CGL-1-01	ISO w	eek: 24mo - 24fr Actu	Date: 10 Ju al Date: 11 Fe		Duration: 5 Days (5 WD) Status: Planned
WORK	LOC	ATION	TION WORK ID		DAYS	DESCRIPTION/COMMENTS
		-			5	Total Maintenance Outage Duration Requested
TRAN			900985658	DO	3	"2018HP-6[7,8,9,12,38,39]Off Plumb-Poles
FO_MISC		-	900819443	DO	1	2016HP-1[22]Off Plumb poles
YM03	CGL	-	900978745	DO	3	Investigate repair CB SF6 Gas leak.
OPT	CGL	-		DO	1	110kV SF6 Cubicle Operational Test
OPT	CKN	-		DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indi	cative wind	ow communicated	ex-ante	No	This outage occurred prior to outage season commencing
2	In	itial duratio	n communicated e	x-ante	No	
3	Scl	neduled da	ys communicated	ex-ante	No	
4	Des	signated da	ys communicated	ex-ante	No	
5	Wor	ks descript	ion communicated	l ex-ante	No	
6		Gener	ator outage dates		No	
7		Scheduled	works not comple	eted	No	

			11	0kV FEEDER	- COOMAGEA	RLAHY GLANLEE
TO-19-CGL-GA	AE-1-01	ISO we	eek: 24mo - 24fr Actu	Date: 10 Ju al Date: 11 Fe		Duration: 5 Days (5 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
OPT	CGL			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	CGL	-	900973584	DO	1	CB operations counter not working. Repl
					Changed	Reason for Change
1	Indica	ative win	dow communicate	ed ex-ante	No	This outage occurred prior to outage season commencing
2	Initi	al durati	on communicated	ex-ante	No	
3	Sche	eduled d	ays communicate	d ex-ante	No	
4	Desi	gnated c	lays communicate	ed ex-ante	No	
5	Work	s descrij	otion communicate	ed ex-ante	Yes	Work item highlighted in yellow was incorrectly in the plan as it had been completed in a previous outage season
6		Gene	erator outage date	s	No	
7	5	Schedule	ed works not com	oleted	No	

GENERATOR TRANSFORMER - COOMAGEARLAHY T121 [Coomagearlahy CG3]

TO-19-CGL	-T121-01	ISO wee	ek: 24mo - 24 A	fr Date: 10 Ju		Duration: 5 Days (5 WD)	Status: Planned
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCF	RIPTION/COMMENTS
		-			1	Total Maintenance Outag	ge Duration Requested
OPT	CGL	-		DO	1	110kV SF6 Cubicle Oper	ational Test

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	This outage occurred prior to outage season commencing
2	Initial duration communicated ex-ante	No	
3	Scheduled days communicated ex-ante	No	
4	Designated days communicated ex-ante	No	
5	Works description communicated ex-ante	No	
6	Generator outage dates	No	
7	Scheduled works not completed	No	

		JL				AHY T122 [Coomagearlahy	
0-19-CGL	-T122-01	ISO w	eek: 24mo - 24fi Ad	Date: 10 Ju ctual Date: 11 Fe		Duration: 5 Days (5 WD)	Status: Planned
WORK	LOC	OCATION WORK ID ST		STATUS	STATUS DAYS	DESCI	RIPTION/COMMENTS
			-		1	Total Maintenance Outag	ge Duration Requested
OPT	CGL	-		DO	1	110kV SF6 Cubicle Oper	ational Test
					Changed	Reason for Change	
1	Indi	cative win	dow communicat	ted ex-ante	No	This outage occurred price	or to outage season commencing
2	Ini	itial duration	on communicate	d ex-ante	No		
3	Scł	heduled da	ays communicate	ed ex-ante	No		
4	Des	signated d	ays communicat	ed ex-ante	No		
5	Wor	ks descrip	tion communica	ted ex-ante	No		
6		Gene	erator outage dat	es	No		
7		Schedule	d works not com	pleted	No		

				110kV FEED	DER - CORDE	RRY GARVAGH
TO-19-CDY	-GRV-1-01	ISO w	eek: 30mo - 30we Ac	Date: 22 .	Jul - 24 Jul Jul - 24 Jul	Duration: 3 Days (3 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
TRAN			900985805	DO	1	2018HP-1[20]Earths-Replace L/ph broken
	CDY			DO	3	Investigate CB gas leak & repair if possible
OPT	CDY DO				1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indica	ative wind	ow communicated	ex-ante	No	
2	Initia	al duratio	n communicated e	x-ante	No	
3	Sche	eduled da	ys communicated	ex-ante	No	
4	Desig	gnated da	ays communicated	ex-ante	No	
5	Works	s descript	ion communicated	ex-ante	Yes	Addition of 110kV SF6 Cubicle Op Test at Garvagh T121
6		Gener	ator outage dates		No	
7	S	Scheduled	d works not comple	eted	No	

				220kV FEED	ER - CORDUF	FHUNTSTOWN
TO-19-CDU	-HN-1-01	ISO wee	ek: 15mo - 15we Actu	Date: 08 Ap		Duration: 3 Days (3 WD) Status: Scheduled
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
	CDU			DO	2	Confirm CB pressure readings in Corduff
	CDU	-	900907894	DO	2	Surge Arresters not assessed during 2017
OPT	CDU	-	900942167	DO	1	220kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative wind	ow communicated	ex-ante	Yes	Changed as per generator request
2	Init	ial duratio	n communicated e	x-ante	Yes	TAO requested change as work items added
3	Sch	eduled da	ys communicated	ex-ante	Yes	Changed as per generator request
4	Desi	gnated da	lys communicated	ex-ante	Yes	Changed as per generator request
5	Work	s descript	ion communicated	ex-ante	Yes	TAO requested change: Replacement of 7SA612 relay and protection maintenance on the Huntstown bay in Corduff
6		Gener	ator outage dates		No	
7	;	Scheduled	d works not comple	eted	No	

	Please not	e: This should n	ot have been inc	luded in the Ex	Ante report as it is Distribution System plant
			110kV FEEDER	- CRORY LOD	GEWOOD [SDCC]
TO-19-CRY	7-LWD-1-01 ISO v		h Date: 19 Jun ual Date:	- 20 Jun Durat	ion: 2 Days (2 WD) Status: Reference (Planned)
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	LWD		DO	2	P1 Protection Maintenance of 7SA611
				Changed	Reason for Change
1	Indicative w	indow communica	ated ex-ante		
2	Initial dura	tion communicate	ed ex-ante		
3	Scheduled	days communica	ted ex-ante		
4	Designated	days communica	ted ex-ante		
5	Works desc	ription communic	ated ex-ante		
6	Ge	nerator outage da	ites		
7	Schedu	iled works not coi	npleted		

			GENERATOR 1	RANSFORME	R - CUNGHIL	T121 [Kingsmountain KGM/KG2]
TO-19-CUN	I-T121-01	ISO week: 29mo - 29th Date: 15 Ju Actual Date: 06 Au				Duration: 4 Days (4 WD) Status: Planned
WORK LOCA		TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	-		4	Total Maintenance Outage Duration Requested		
OS	CUN - DO				4	110kV SF6 Cubicle Ordinary Service
	•					
					Changed	Reason for Change
1	Indica	ative win	dow communicate	ed ex-ante	Yes	Changed as per generator request
2	Initi	ial durati	on communicated	l ex-ante	No	
3	Sch	eduled d	ays communicate	d ex-ante	No	
4	Desi	gnated d	ays communicate	ed ex-ante	No	
5	Work	s descrip	tion communicat	ed ex-ante	No	
6		Gene	erator outage date	es	Yes	Changed as per generator request
7		Schedule	d works not com	oleted	No	

110kV FEEDER - CUSHALING MOUNTLUCAS TO-19-CUS-MLC-1-01 ISO week: 14mo - 14we Date: 01 Apr - 03 Apr Duration: 3 Days (3 WD) Status: Scheduled Actual Date: 03 Apr - 05 Apr WORK LOCATION WORK ID STATUS DAYS DESCRIPTION/COMMENTS 3 Total Maintenance Outage Duration Requested -TRAN 900986166 DO 1 2018HP-3[14]Cattle Guards-Fit TRAN DO 900986167 1 2018HP-3[21]Cattle Guards-Fit FO_MISC CUS DO 3 Investigate cb leak & repair if possible -1[46]Repair Earth Lead Pole Set 46 FO_MISC CUS 900973170 2 -DO OPT CUS DO 1 110kV SF6 Cubicle Operational Test -OPT MLC -DO 1 110kV SF6 Cubicle Operational Test Changed **Reason for Change** 1 Indicative window communicated ex-ante No 2 Initial duration communicated ex-ante No 3 Scheduled days communicated ex-ante Yes Changed as per generator request 4 Designated days communicated ex-ante Yes Changed as per generator request TAO requested change: 5 Works description communicated ex-ante Yes Addition of P3 Protection Maintenance of 7SA612, GRZ100 6 Generator outage dates Yes Changed as per generator request 7 Scheduled works not completed No

			GENERATO	R TRANSFORME	R - CUSHALIN	G T101 [Edenderry Power ED1]
TO-19-CUS	6-T101-01	ISO	week: 25fr Actu	Date: 21 Jun al Date: 20 Jun - 2		1 Day (1 WD) Status: Planned
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	CUS	-		DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	cative winc	low communica	ated ex-ante	No	
2	Ini	tial duratio	n communicate	ed ex-ante	Yes	TAO requested change: Addition of VT Fuse holders/circuits inspection and fuse replacement
3	Sch	neduled da	lys communica	ted ex-ante	Yes	TAO requested change: Addition of VT Fuse holders/circuits inspection and fuse replacement
4	Des	ignated da	ays communica	ted ex-ante	Yes	TAO requested change: Addition of VT Fuse holders/circuits inspection and fuse replacement
5	Wor	ks descrip	tion communica	ated ex-ante	Yes	TAO requested change: Addition of VT Fuse holders/circuits inspection and fuse replacement
6		Gene	rator outage da	tes	No	
7		Schedule	d works not cor	npleted	No	

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

TO-19-CUS	-T103/5-01	ISO we	eek: 24we - 2	4th Date: 12 Ju Actual Date: 28 Au	un - 13 Jun ug - 29 Aug	Duration: 2 Days (2 WD) Status: Planned	
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
PROT	CUS			DO	2	P1 Protection Maintenance of 7SA612, SEL551	
					Changed	Reason for Change	
1	Indic	ative wind	ow communic	ated ex-ante	Yes	TSO requested change for system reasons	
2	Init	ial duratio	n communicat	ed ex-ante	No		
3	Sch	eduled day	ys communica	ited ex-ante	Yes	TSO requested change for system reasons	
4	Des	ignated da	ys communica	ated ex-ante	Yes	TSO requested change for system reasons	
5	Work	ks descript	ion communic	ated ex-ante	No		
6		Gener	ator outage da	ates	No		
7		Scheduled	I works not co	mpleted	No		
TO-19-CUS	-T103/5-02	ISO w	eek: 20tu - 20	Actual Date: 13 M	ay - 18 May ay - 17 May	Duration: 5 Days (4 WD) Status: Planned	
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
		-			5	Total Maintenance Outage Duration Requested	
OS	CUS	-		DO	4	110kV SF6 Cubicle Ordinary Service	
CA	CUS	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT	
	CUS			DO	3	Investigate CB gas leak & repair if possible	
					Changed	Reason for Change	
1	Indic	ative wind	ow communic	ated ex-ante	No		
2	Init	ial duration	n communicat	ed ex-ante	No		
3	Sch	eduled day	ys communica	ited ex-ante	Yes	TAO Requested Change	
4	Des	ignated da	ys communica	ated ex-ante	Yes	TAO Requested Change	
5	Work	s descript	ion communic	ated ex-ante	No		
6		Gener	ator outage da	ates	Yes	TAO Requested Change	
7		Scheduled	l works not co	mpleted	No		

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

FO-19-DEF	R-T1/T2-01	ISO we	ek: 32tu - 32sa Actu	Date: 06 Aug al Date: 12 Aug		Duration: 5 Days (4 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			5	Total Maintenance Outage Duration Requested
OS	DER	-		DO	4	110KV SF6 Cubicle Ordinary Service
CA	DER	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
OPT	DER	-	900942291	DO	1	110KV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative wind	ow communicate	d ex-ante	No	
2	Ini	tial duratio	n communicated	ex-ante	No	
•	Sch	eduled da	ys communicated	ex-ante	Yes	Generator requested change to Committed Outage Programme
3				l ov opto	Yes	Generator requested change to Committed Outage Programme
3	Des	ignated da	iys communicated	i ex-ante	100	Concrator requested shange to committed outage r regramme
		0	ion communicated		No	
4		<s descript<="" td=""><td></td><td>d ex-ante</td><td></td><td>Generator requested change to Committed Outage Programme</td></s>		d ex-ante		Generator requested change to Committed Outage Programme

GENERATOR TRANSFORMER - DROMADA T121 [Dromada DR1]

TO-19-DRC	D-T121-03	ISO we	ek: 40mo - 40f Ac	r Date: 30 S stual Date: 30 S	ep - 04 Oct ep - 04 Oct	Duration: 5 Days (5 WD)	Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCR	RIPTION/COMMENTS
		-			5	Total Maintenance Outag	e Duration Requested
OS	DRO	-		DO	4	110kV SF6 Cubicle Ordin	ary Service
CA	DRO	-		DO	3	110KV CUBICLE CONDI	TION ASSESSMENT
	1				01		
					Changed	Reason for Change	
1	Indic	ative winc	low communicat	ed ex-ante	No		
2	Init	ial duratio	n communicate	d ex-ante	No		
3	Sch	eduled da	ys communicate	ed ex-ante	No		
4	Desi	gnated da	ays communicat	ed ex-ante	No		
5	Work	s descrip	tion communicat	ed ex-ante	No		
6		Gene	rator outage dat	es	No		
7		Schedule	d works not com	pleted	Yes	Work item highlighted in y TAO	yellow above was not completed by

				110kV FEED	ER - DRUMKEE	N MEENTYCAT
TO-19-DRM	M-MEE-1-01	IS	O week: 27we	Date: 03 J Actual Date: 10 Ju		on: 1 Day (1 WD) Status: Planned
WORK	WORK LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	DRM			DO	1	110kV SF6 Cubicle Operational Test
					•	•
					Changed	Reason for Change
1	Indic	ative wind	low communica	ited ex-ante	Yes	Changed as per generator request
2	Init	ial duratio	n communicate	ed ex-ante	No	
3	Sch	eduled da	ys communicat	ed ex-ante	Yes	Changed as per generator request
4	Desi	gnated da	ays communica	ted ex-ante	Yes	Changed as per generator request
5	Work	s descript	ion communica	ated ex-ante	No	
6		Gener	ator outage da	tes	Yes	Changed as per generator request
7		Scheduled	d works not con	npleted	No	

				220kV FEEI	DER - FINGL	AS HUNTSTOWN
TO-19-FIN-HN	-1-01	ISO wee	k: 32tu - 32th Actua	Date: 06 Aug		Duration: 3 Days (3 WD) Status: Planned
WORK	LOC	OCATION WORK ID		STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
CORRECT	FIN	-	900479248	DO	3	HUNTSTOWN 220KV DL PI IN EIRGRID WHEN DL
CA	FIN	-	900943779	DO	3	220kV Cubicle Condition Assessment
OPT	FIN	-		DO	1	220kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indi	cative win	dow communicat	ed ex-ante	No	
2	In	itial durati	on communicated	ex-ante	No	
3	Sc	neduled d	ays communicate	ed ex-ante	Yes	Generator requested change to Committed Outage Programme
4	Des	signated d	ays communicate	ed ex-ante	Yes	Generator requested change to Committed Outage Programme
5	Wor	ks descrip	tion communicat	ed ex-ante	No	
6		Gene	erator outage date	es	Yes	Generator requested change to Committed Outage Programme
7		Schedule	d works not com	pleted	No	

GENERATOR TRANSFORMER - GARROW T122 [Coomacheo CZ1]

			Date: 04 Ma tual Date: 08 Ma		Duration: 2 Days (0 WD) Status: Proposed	
WORK	LOCA	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				DO	2	As a consequence of works on Garrow 110 SA1-2
		-			2	Total Maintenance Outage Duration Requested
OPT	GRO	-		DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative wind	dow communicat	ed ex-ante	No	-
2	Init	tial duration	on communicated	d ex-ante	No	
3	Sch	eduled da	ays communicate	ed ex-ante	Yes	Changed due to generator request
4	Des	ignated d	ays communicate	ed ex-ante	Yes	Changed due to generator request
5	Work	ks descrip	tion communicat	ed ex-ante	No	
6		Gene	rator outage date	es	Yes	Changed due to generator request
7		Schodulo	d works not com	platad	No	

			GENERAT	OR TRANSFOR	MER - GARVAG	H T121 [Garvagh GH1/GH2]
TO-19-GRV	/-T121-01	ISO v	veek: 30mo Act	Date: 22 Jul ual Date: 22 Jul		1 Day (1 WD) Status: Planned
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			1	Total Maintenance Outage Duration Requested
OPT	GRV	-	900840567	DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	India	cative windo	ow communicate	ed ex-ante	No	
2	Ini	tial duratior	n communicated	I ex-ante	Yes	TSO error, plant should have had outage duration equal to Corderry - Garvagh as that circuit offloads this piece of equipment
3	Scł	neduled day	/s communicate	d ex-ante	Yes	TSO error, plant should have had outage duration equal to Corderry - Garvagh as that circuit offloads this piece of equipment
4	Des	signated da	ys communicate	ed ex-ante	Yes	TSO error, plant should have had outage duration equal to Corderry - Garvagh as that circuit offloads this piece of equipment
5	Wor	ks descripti	on communicat	ed ex-ante	No	
6		Genera	ator outage date	es	No	
7		Scheduled	works not com	oleted	No	

GENERATOR TRANSFORMER - GLANAGOW T2001 [Bord Gáis WG1]

TO-19-GG(D-T2001-01	ISO w	/eek: 31mo - 3 /	ItuDate: 29 JActual Date: 29 Ju		Ouration: 2 Days (2 WD) Status: Planned
WORK	LOCAT	ΓΙΟΝ	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
OPT	GGO			DO	1	220kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indica	tive wind	low communica	ited ex-ante	Changed No	Reason for Change
1			low communica			Reason for Change TAO requested change: SF6 leak repair
1 2 3	Initia	al duratio		ed ex-ante	No	

Yes

No

No

TAO requested change: SF6 leak repair

			GENERA	TOR TRANSF	ORMER - GLA	NLEE T121 [Glanlee GL1]	
TO-19-GAE	-T121-01	ISO we	ek: 24mo - 24fr Actu	Date: 10 Ju al Date: 11 Fe		Duration: 5 Days (5 WD)	Status: Planned
WORK	WORK LOC/		CATION WORK ID		DAYS	DESC	RIPTION/COMMENTS
		-			1	Total Maintenance Outag	ge Duration Requested
CORREC T		-	900973585	DO	1	AC and DC Supplies:	
CA	GAE	-		DO	3	110KV CUBICLE COND	ITION ASSESSMENT
OPT	GAE	-		DO	1	110kV SF6 Cubicle Oper	ational Test
			·				
					Changed	Reason for Change	
1	Indic	cative winde	ow communicated	ex-ante	Yes	This outage occurred price	or to outage season commencing
2	Ini	tial duratior	n communicated e	x-ante	No		
3	Sch	neduled day	/s communicated	ex-ante	No		
4	Des	ignated da	ys communicated	ex-ante	No		
5	Wor	ks descripti	on communicated	ex-ante	Yes	Work item highlighted in had been completed in a	yellow was incorrectly in the plan as it previous outage season
6		Genera	ator outage dates		No		
7		Scheduled	works not comple	eted	No		

			GENERATOR 1	RANSFORME	R - HUNTSTO	WN T2002 [Viridian Power HN2]
TO-19-HN-	T2002-01	ISO w	veek: 15mo Actua	Date: 08 Apr al Date: 20 Mar		n: 1 Day (1 WD) Status: Proposed
WORK	ORK LOCATION		WORK ID STATU		DAYS	DESCRIPTION/COMMENTS
	- 1 Total Maintenance Outa		Total Maintenance Outage Duration Requested			
OPT	HUN	-	900942386	DO	1	220kV SF6 Cubicle Operational Test
			•			
					Changed	Reason for Change
1	Indic	ative windo	w communicated	l ex-ante	Yes	Changed as per generator request
2	Init	ial duration	communicated e	ex-ante	No	
3	Sch	eduled day	s communicated	ex-ante	Yes	Changed as per generator request
4	Desi	gnated day	s communicated	ex-ante	Yes	Changed as per generator request
5	Work	s descripti	on communicated	d ex-ante	No	
6		Genera	ator outage dates		No	
7	:	Scheduled	works not comple	eted	No	

5

6

7

Works description communicated ex-ante

Generator outage dates

Scheduled works not completed

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

TO-19-HN-	T2010/11-0	1 ISO v	veek: 32tu - 33m Ac	o Date: 06 tual Date: 05	Aug - 12 Aug Aug - 05 Sep	Duration: 7 Days (5 WD) Status: Planned		
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS		
		-			5	Total Maintenance Outage Duration Requested		
CA	HUN	110	900943870	DO	5	220kV Cubicle Condition Assessment		
OPT	HUN	-		DO	1	220kV SF6 Cubicle Operational Test		
					•			
					Changed	Reason for Change		
1	Indic	ative windo	ow communicated	l ex-ante	No			
2	Init	ial duratior	n communicated e	ex-ante	No			
3	Sch	eduled day	s communicated	ex-ante	Yes	Generator requested change to Committed Outage Programme		
4	Desi	gnated day	ys communicated	ex-ante	Yes	Generator requested change to Committed Outage Programme		
5	Work	s descripti	on communicated	l ex-ante	No			
6		Genera	ator outage dates		Yes	Generator requested change to Committed Outage Programme		
7		Scheduled	works not comple	eted	No			

				110kV FE	EDER - IKERF	RIN	tee IKERRIN	
TO-19-IKE,	T-IKE-1-01	ISO we	ek: 36tu - 36th Actua	Date: 03 S al Date: N/A	ер - 05 Ѕер	D	uration: 3 Days (3 WD)	Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS		DESC	RIPTION/COMMENTS
TRAN	900989802 DO				2		2018HP-1[415]Check St	tructure-3 poles stn
					Changed		Reason for Change	
1	Indicat	tive windo	w communicated	ex-ante	No			
2	Initia	al duration	communicated e	x-ante	No			
3	Schee	duled days	s communicated	ex-ante	No			
4	Desig	nated day	s communicated	ex-ante	No			
5	Works	on communicated	ex-ante	Yes			yellow was incorrectly in the plan as it a previous outage season	
6		Genera	tor outage dates		No			
7	S	cheduled	works not comple	eted	No			

			11	0kV FEEDER	- IKERRIN te	e SHANNONBRIDGE
TO-19-IKE,T	-SH-1-01	ISO we	ek: 36tu - 36th Actua	Date: 03 Se al Date: 03 Se		Duration: 3 Days (3 WD) Status: Planned
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
FO_MISC		-	900898200	DO	1	2017HP-1[284]Stays - Replace side stay
TRAN			900989808	DO	1	2018HP-1[193]Check Structure-top rot - c
OPT	SH	-		DO	1	110kV SF6 Cubicle Operational Test
			•			
					Changed	Reason for Change
1	Indic	cative windo	w communicated	ex-ante	No	
2	Ini	tial duration	communicated e	x-ante	Yes	TAO reduced duration by one day
3	Sch	neduled day	s communicated	ex-ante	Yes	TAO reduced duration by one day
4	Des	ignated day	s communicated	ex-ante	Yes	TAO reduced duration by one day
5	Worl	ks descriptio	on communicated	l ex-ante	No	
6		Genera	tor outage dates		No	
7		Scheduled	works not comple	eted	No	

				110kV FEE	EDER - IKERRI	N tee THURLES
TO-19-IKE,	T-THU-1-01	ISO v	week: 36tu - 36	Sth Date: 03 State: 03 Sta	Sep - 05 Sep Sep - 04 Sep	Duration: 3 Days (3 WD) Status: Planned
WORK	LOCA	TION	WORK ID	WORK ID STATUS		DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
PROX			PR0005	DO	2	110 kV A2 @ THU: Proximity outage for work on Thurles 110kV Sect / Dist Ordinary Service (SA1-2CB)
OPT	THU			DO	1	110kV MO Cubicle Operational Test
					Changed	Reason for Change
1	Indica	ative wind	ow communica	ted ex-ante	No	
2	Initi	al duratio	n communicate	d ex-ante	Yes	TAO reduced duration by one day
3	Sche	eduled dag	ys communicat	ed ex-ante	Yes	TAO reduced duration by one day
4	Desi	gnated da	lys communicat	ted ex-ante	Yes	TAO reduced duration by one day
5	Work	s descript	ion communica	ted ex-ante	No	
6		Gener	ator outage dat	tes	No	
7	5	Scheduled	I works not com	npleted	No	

			GENERAT		IER - INNISCA	RRA T101 [ESB	GWM LE1/LE2]
TO-19-IA-T101-01 ISO week: 20tu Date: 14 May Actual Date: 14 May					Duration:	1 Day (1 WD)	Status: Proposed
WORK	LOC	ATION	WORK ID	STATUS	DAYS		DESCRIPTION/COMMENTS
		-			1	Total Maintena	ance Outage Duration Requested
OPT	IA			DO	1	110KV SF6 Cu	ubicle Operational Test
					Changed	Reason for C	hando
1	Indi	cative wind	dow communica	ated ex-ante	No		
2	In	itial duratio	on communicate	ed ex-ante	No		
3	Sc	heduled da	ays communica	ted ex-ante	No		
4	Des	signated d	ays communica	ted ex-ante	No		
5	Woi	rks descrip	tion communica	ated ex-ante	No		
6		Gene	erator outage da	ites	No		
7		Schedule	d works not cor	npleted	No		

			GENERATO	R TRANSFOR	RMER - IRISH	TOWN T2001 [ESB GWM DB1]
TO-19-ISH-T2001-01		ISO we	ek: 13mo - 13we Actu	Date: 25 N al Date: 25 N	lar - 27 Mar 1ar - 27 Mar	Duration: 3 Days (3 WD) Status: Proposed
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
OPT	ISH	-	900942399	DO	3	220kV GIS Cubicle Operational Test
					1	
					Changed	Reason for Change
1	Indic	cative winde	ow communicated	ex-ante	No	
2	Ini	tial duratior	n communicated e	k-ante	No	
3	Sch	neduled day	s communicated	ex-ante	No	
4	Des	ignated da	ys communicated	ex-ante	No	
5	Worl	ks descripti	ion communicated	ex-ante	No	
6		Genera	ator outage dates		No	
7		Scheduled	works not comple	ted	No	

				110kV FEE	DER - KNOCH	KRANNY UGGOOL
TO-19-KNY	-UGL-1-01	ISO w	eek: 23tu - 23fr Actu	Date: 04 Ju al Date: 30 Ju		Duration: 4 Days (4 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			4	Total Maintenance Outage Duration Requested
AMCAB	Cable	-		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	KNY	-	900942466	DO	1	110kV GIS Cubicle Operational Test
OPT	UGL	-	900942782	DO	1	110kV GIS Cubicle Operational Test
				•		
					Changed	Reason for Change
1	Indica	ative windo	ow communicated	ex-ante	Yes	Generator requested change
2	Initia	al duratior	n communicated e	ex-ante	Yes	TAO requested change: Reduction in outage duration as Annual Cable Inspection not under TAO control
3	Sche	eduled day	s communicated	ex-ante	Yes	Generator requested change
4	Desię	gnated day	ys communicated	ex-ante	Yes	Generator requested change
5	Works	s descripti	on communicated	l ex-ante	Yes	TAO requested change: Reduction in outage duration as Annual Cable Inspection not under TAO control
6		Genera	ator outage dates		Yes	Generator requested change
7	S	Scheduled	works not comple	eted	No	

			GENERAT	OR TRANS	FORMER - LA	ANESBORO T104 [ESB GWM LR4]
TO-19-LA-1	Г104-01	ISO week	x: 27mo - 27fr Act	Date: 01 ual Date: 01	Jul - 05 Jul Jul - 05 Jul	Duration: 5 Days (5 WD) Status: Planned
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			5	Total Maintenance Outage Duration Requested
YM03		-	900978762	DO	3	Hot spot detected on T 104 DA R Phase di
OS	LA	-		DO	4	110KV SF6 Cubicle Ordinary Service
					Changed	Reason for Change
1	Indica	ative window	communicated	l ex-ante	No	
2	Initi	al duration o	communicated e	ex-ante	No	
3	Sche	eduled days	communicated	ex-ante	No	
4	Desig	gnated days	communicated	ex-ante	No	
5	Work	s descriptior	n communicated	d ex-ante	No	
6		Generate	or outage dates		No	
7	5	Scheduled w	orks not compl	eted	No	

			GENER	ATOR TRANSF	ORMER - LISI	HEEN T122 [Lisheen LS1/LS2]
TO-19-LSN	-T122-01	ISO we	ek: 28mo - 29	tu Date: 08 Actual Date: 09	Jul - 16 Jul Jul - 17 Jul	Duration: 9 Days (7 WD) Status: Planned
WORK	LOCA	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			6	Total Maintenance Outage Duration Requested
PROX			PR0004	DO	2	As a consequence of LSN-THU-1: 110 kV A2 @ LSN: Proximity outage for work on Lisheen 110kV Sect / Dist Ordinary Service including busbar disconnects (SA2)
PROX			PR0004	DO	2	110 kV A2 @ LSN: Proximity outage for work on Lisheen 110kV Sect / Dist Ordinary Service including busbar disconnects (SA2)
OS	LSN	-		DO	4	110kV SF6 Cubicle Ordinary Service
CA	LSN	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
					Changed	Reason for Change
1	Indica	ative windo	w communica	ted ex-ante	No	
2	Initi	al duration	communicate	d ex-ante	No	
3	Sche	eduled day	s communicat	ed ex-ante	Yes	Changed as per generator request
4	Desię	gnated day	/s communicat	ed ex-ante	Yes	Changed as per generator request
5	Works	s descriptio	on communica	ted ex-ante	No	
6		Genera	ator outage da	tes	No	
7	S	Scheduled	works not con	npleted	No	

				110kV F	EEDER - LISH	IEEN THURLES
TO-19-LSN	-THU-1-02	ISO we	eek: 36tu - 36th Actu	Date: 03 S	Sep - 05 Sep	Duration: 3 Days (3 WD) Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX			PR0005	DO	2	110 kV A2 @ THU: Proximity outage for work on Thurles 110kV Sect / Dist Ordinary Service (SA1-2CB)
					Changed	Reason for Change
1	Indica	tive windc	w communicated	l ex-ante	Yes	TSO postponement of works for system reasons
2	Initia	al duration	communicated e	ex-ante	Yes	TSO postponement of works for system reasons
3	Sche	duled day	s communicated	ex-ante	No	
4	Desig	nated day	s communicated	ex-ante	No	
5	Works	descriptio	on communicated	l ex-ante	No	
6		Genera	ator outage dates		No	
7	S	cheduled	works not comple	eted	No	
WORK	LOCA	TION	Ac WORK ID	tual Date: 09 STATUS	Jul - 17 Jul DAYS	Duration: 9 Days (7 WD) Status: Planned DESCRIPTION/COMMENTS
-		-	-		7	Total Maintenance Outage Duration Requested
TRAN			900988512	DO	2	2018HP-1[25]Bird Nests remove asap
PROX			PR0004	DO	2	110 kV A2 @ LSN: Proximity outage for work on Lisheen 110kV Sect / Dist Ordinary Service including busbar disconnects (SA2)
TRAN			900988513	DO	1	2018HP-3[30-32]Conductor Check
TRAN			900988516	DO	1	2018HP-1[51]Earths-Replace-earth strap
OS	LSN	-		DO	4	110kV SF6 Cubicle Ordinary Service
CA	LSN	-		DO	3	110KV CUBICLE CONDITION ASSESSMENT
OS	THU	-		DO	6	110kV MO Cubicle Ordinary Service
					Changed	Reason for Change
1	Indica	tive windo	w communicated	l ex-ante	No	-
2	Initia	al duration	communicated e	ex-ante	No	
3	Sche	duled day	s communicated	ex-ante	Yes	Changed as per generator request
4	Desig	nated day	s communicated	ex-ante	Yes	Changed as per generator request
5	Works	descriptio	on communicated	ex-ante	No	
6		Genera	ator outage dates		No	
7	s	cheduled	works not comple	eted	Yes	TAO could not complete item highlighted in yellow due to inability obtain license

GENERATOR TRANSFORMER - LONG POINT T2002 [ESB GWM AD2]

TO-19-LPT	T2002-02	ISO we	eek: 35we - 35tl Ac	h Date: 28 A	Aug - 29 Aug Aug – 29 Aug	Duration: 2 Days (2 WD) Status: Planned		
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS		
	-				2	Total Maintenance Outage Duration Requested		
				DO	2	Oil Sampling - VT's UTF245 ESBI		
OPT	LPT 220 DO			DO	1	2200kV SF6 Cubicle Operational Test		
					Changed	Reason for Change		
1	Indica	ative windo	ow communicate	ed ex-ante	No			
2	Initia	al duratior	o communicated	ex-ante	No			
3	Sche	eduled day	s communicate	d ex-ante	No			
4	Desig	gnated day	ys communicate	ed ex-ante	No			
5	Works	s descripti	on communicate	ed ex-ante	No			
6		Genera	ator outage date	S	No			
7	9	Scheduled	works not comp	leted	No			

			GENERA	TOR TRANSFO	RMER - MEEN	NTYCAT T121 [Meentycat MCT]
TO-19-MEE	E-T121-01	ISO v	week: 27we Ad	Date: 03 Ju ctual Date: 10 Ju		on: 1 Day (1 WD) Status: Planned
WORK	LOCATION WORK ID S		STATUS	DAYS	DESCRIPTION/COMMENTS	
		-			1	Total Maintenance Outage Duration Requested
OPT	MEE			DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indica	tive windo	w communica	ted ex-ante	Yes	Changed as per generator request
2	Initia	al duration	communicate	d ex-ante	No	
3	Sche	duled day	s communicat	ed ex-ante	Yes	Changed as per generator request
4	Desig	nated day	s communicat	ed ex-ante	Yes	Changed as per generator request
5	Works	descriptio	on communica	ted ex-ante	No	
6		Genera	tor outage dat	es	Yes	Changed as per generator request
7	S	cheduled	works not com	npleted	No	

			GENERATOR	TRANSFOR	RMER - MONEYP	OINT GIS T121 [Moneypoint MP9]	
ТО-19-МР (GIS-T121-	01 ISO w	/eek: 28mo - 2		e: 08 Jul - 10 Jul e: 08 Jul - 10 Jul	Duration: 3 Days (3 WD) Status: Planned	
WORK	WORK LOCATION WORK ID STATUS				DAYS	DESCRIPTION/COMMENTS	
		-			3	Total Maintenance Outage Duration Requested	
AMCAB	MP	-	900944059	DO	2	Annual Insp. 110kV Feeder XLPE Cable	
OPT	MP	TRAFO	900938612	DO	1	110KV GIS Cubicle Operational Test	
					Changed	Reason for Change	
1	Indica	ative window	communicated	l ex-ante	No		
2	Initi	al duration c	ommunicated e	ex-ante	No		
3	Sche	eduled days	communicated	ex-ante	No		
4	Desię	gnated days	communicated	ex-ante	No		
5	Works	s description	communicated	l ex-ante	Yes	Work item highlighted in yellow was incorrectly in the plan as it had been completed in a previous outage season	
6		Generato	or outage dates		No		
7	S	Scheduled w	orks not comple	eted	No		

GENERATOR TRANSFORMER - MONEYPOINT GIS T4003 [ESB GWM MP3]

ГО-19-MP GIS-T4003-01		-01	ISO week: 26mc	Date: 2 Actual Date: 2		Duration: 1 Day (1 WD)	Status: Planned	
VORK	LOCATION		WORK ID	STATUS DAYS		DE	DESCRIPTION/COMMENTS	
		-			1	Total Maintenance Out	age Duration Requested	
OPT	MP			DO	1	400kV GIS Cubicle Ope	erational Test	

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	
2	Initial duration communicated ex-ante	No	
3	Scheduled days communicated ex-ante	Yes	TAO requested change
4	Designated days communicated ex-ante	Yes	TAO requested change
5	Works description communicated ex-ante	No	
6	Generator outage dates	No	
7	Scheduled works not completed	No	

			GENERATO	R TRANSFO	RMER - MONE	EYPOINT T4002 [ESB GWM MP2]
TO-19-MP-1	TO-19-MP-T4002-02 ISO week: 31mo - 31th Date: 29 Actual Date: 29				Jul - 01 Aug Jul - 01 Aug	Duration: 4 Days (4 WD) Status: Planned
WORK	WORK LOCAT		TION WORK ID		DAYS	DESCRIPTION/COMMENTS
		-			4	Total Maintenance Outage Duration Requested
AMCAB	MP	-	900924478	DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	MP	-	900942601	DO	2	400kV GIS Cubicle Operational Test
FM	MP	-		DO	1	HV Pressure Vessel Inspection
					Changed	Reason for Change
1	Indic	ative windo	w communicate	d ex-ante	No	
2	Init	ial duration	communicated	ex-ante	No	
3	Sch	eduled day	s communicated	l ex-ante	No	
4	Desi	gnated day	s communicated	d ex-ante	No	
5	Work	s description	on communicate	d ex-ante	No	
6		Genera	tor outage dates	3	No	
7		Scheduled	works not comp	leted	No	

			GENERAT	OR TRANSF	ORMER - MOU	INTLUCAS T121 [Mountlucas MO1]
TO-19-MLC	-T121-01	ISO we	ek: 14mo - 14)1 Apr - 03 Apı)3 Apr - 05 Apr	
WORK	LOCA	TION WORK ID STATUS		DAYS	DESCRIPTION/COMMENTS	
					3	As a consequence of maintenance on Cushaling Mountlucas
		-			1	Total Maintenance Outage Duration Requested
OPT	MLC	110		DO	1	110kV SF6 Cubicle Operational Test
			-			
					Changed	Reason for Change
1	Indicat	ive windov	v communicat	ed ex-ante	No	
2	Initia	I duration	communicated	l ex-ante	No	
3	Scheo	duled days	communicate	d ex-ante	Yes	Changed as per generator request
4	Desigr	nated days	s communicate	ed ex-ante	Yes	Changed as per generator request
5	Works	descriptio	n communicat	ed ex-ante	No	
6		Generat	or outage date	es	Yes	Changed as per generator request
7	Sc	cheduled v	vorks not com	oleted	No	

Please note: This should not have been included in the Ex-Ante report as it is no longer an Outturn Available Connection Asset 110kV FEEDER - MOY TAWNAGHMORE 1

ТО-19-МОҮ	′-TAW-1-04	ISO w	/eek: 15mo - 16n /	Do Date: (Actual Date:	08 Apr - 15 Ap	r Duration: 8 Days (6 WD) Status: Proposed
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			6	Total Maintenance Outage Duration Requested
OS	MOY	-		DO	4	110kV SF6 Cubicle Ordinary Service
AMCAB	TAW	110		DO	2	Cable Insp. 110kV XLPE
OPT	TAW	110	900942733	DO	1	110kV SF6 Cubicle Operational Test
	•		•			-
					Changed	Reason for Change
1	Indica	tive windo	w communicated	ex-ante		
2	Initia	al duration	communicated e	x-ante		
3	Sche	duled days	s communicated	ex-ante		
4	Desig	nated day	s communicated	ex-ante		
5	Works	descriptio	on communicated	ex-ante		
6		Genera	tor outage dates			
7	S	cheduled	works not comple	ted		

Please note: This should not have been included in the Ex-Ante report as it is no longer an Outturn Available Connection Asset 110kV FEEDER - MOY TAWNAGHMORE 2

TO-19-MOY	-TAW-2-03	ISO w	eek: 14mo - 14f r Ac		Apr - 05 Apr Apr - 06 Apr	Duration: 5 Days (5 WD) Status: Proposed
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
FO_CABL E	MOY	-	900973564	DO	2	Replace/repair cracked bonding lead on T
OPT	MOY			DO	1	110kV SF6 Cubicle Operational Test
OPT	TAW			DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indica	tive windo	w communicated	ex-ante		
2	Initia	al duration	communicated e	x-ante		
3	Sche	duled days	s communicated	ex-ante		
4	Desig	nated day	s communicated	ex-ante		
5	Works	descriptio	on communicated	ex-ante		
6		Genera	tor outage dates			
7	S	cheduled	works not comple	ted		

GENERATOR TRANSFORMER - MULREAVY T131 [Mulreavy MB1/MB2]

ГО-19-MRY-T131-01 ISO		ISO week: 23we Date: 05 Ju Actual Date: 05 Ju			ation: 1 Day (1 WD)	Status: Planned	
WORK	LOCA	TION	WORK ID	STATUS	DAYS	C	DESCRIPTION/COMMENTS
					1	As a consequence of	maintenance on Clogher Mulreavy
OPT	MRY			DO	1	110kV SF6 Cubicle C	Dperational Test

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	
2	Initial duration communicated ex-ante	No	
3	Scheduled days communicated ex-ante	No	
4	Designated days communicated ex-ante	No	
5	Works description communicated ex-ante	No	
6	Generator outage dates	No	
7	Scheduled works not completed	No	

			GENERATO	R TRANSFOR	MER - NORTH	H WALL T2004/5 [ESB GWM NW5]
TO-19-NW-	T2004/5-0	1 ISO w	eek: 40tu - 40t Ac	Date: 01 tual Date: 21 (Oct - 03 Oct Oct - 30 Dec	Duration: 3 Days (3 WD) Status: Planned
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			3	Total Maintenance Outage Duration Requested
AMCAB	NW	-	900913187	DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	NW			DO	1	220kV GIS Cubicle Operational Test
					Changed	Reason for Change
1	Indic	ative windo	w communicate	d ex-ante	No	
2	Init	ial duration	communicated	ex-ante	No	
3	Sch	eduled days	s communicated	d ex-ante	Yes	Generator requested change
4	Desi	ignated day	s communicate	d ex-ante	Yes	Generator requested change
5	Work	s descriptio	on communicate	ed ex-ante	No	
6		Genera	tor outage date	S	No	
7	;	Scheduled	works not comp	leted	No	

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

TO-19-PA-	T101-01	ISO week	: 14tu - 14we Act	Date: 02 A sual Date: 02 A		Duration: 2 Days (2 WD)	Status: Scheduled
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DES	CRIPTION/COMMENTS
PROT	PA DO				2	P1 Protection Maintenand	ce of 7SA511, 7UT513, 7SV512
					Changed	Reason for Change	
1	Indica	ative windov	v communicate	ed ex-ante	No		
2	Initia	al duration o	communicated	l ex-ante	No		
3	Sche	eduled days	communicate	d ex-ante	No		
4	Desig	gnated days	s communicate	ed ex-ante	No		
5	Works	s description	n communicat	ed ex-ante	No		
6		Generat	or outage date	es	No		
7	S	Scheduled w	vorks not com	oleted	No		
TO-19-PA- ⁻	T101-02	ISO weel	k: 14th - 15fr Actu	Date: 04 A ual Date: 01 A	Apr - 12 Apr pr - 12 Apr	Duration: 9 Days (7 WD)	Status: Proposed
TO-19-PA-			Acti	ual Date: 01 A	pr - 12 Apr	• • •	·
TO-19-PA- WORK		ISO week				DESC	CRIPTION/COMMENTS
		ATION	Acti	ual Date: 01 A	pr - 12 Apr DAYS	DES(Total Maintenance Outag	CRIPTION/COMMENTS e Duration Requested
WORK	LOC	ATION	Acti	ual Date: 01 A STATUS	pr - 12 Apr DAYS 7	DESC	CRIPTION/COMMENTS e Duration Requested ary Service
WORK	LOC PA	ATION - -	Acti	ual Date: 01 A STATUS DO	pr - 12 Apr DAYS 7 6	DESC Total Maintenance Outag 110kV MO Cubicle Ordina	CRIPTION/COMMENTS e Duration Requested ary Service
WORK	LOC PA	ATION - -	Acti	ual Date: 01 A STATUS DO	pr - 12 Apr DAYS 7 6	DESC Total Maintenance Outag 110kV MO Cubicle Ordina	CRIPTION/COMMENTS e Duration Requested ary Service
WORK	LOC PA PA	ATION - - -	Acti	Date: 01 A STATUS DO DO	pr - 12 Apr DAYS 7 6 3	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110KV CUBICLE CONDI	CRIPTION/COMMENTS e Duration Requested ary Service
WORK OS CA	PA PA Indica	ATION ative window	Act	DO DO DO ed ex-ante	pr - 12 Apr DAYS 7 6 3 Changed	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110KV CUBICLE CONDI Reason for Change TSO error, plant should h	CRIPTION/COMMENTS e Duration Requested ary Service
WORK OS CA 1	PA PA Indica	ATION ative window al duration o	Actu WORK ID	Ual Date: 01 A STATUS DO DO DO ed ex-ante	pr - 12 Apr DAYS 7 6 3 Changed No	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110kV CUBICLE CONDI Reason for Change TSO error, plant should h Pollaphuca - Stratford tee	CRIPTION/COMMENTS e Duration Requested ary Service TION ASSESSMENT ave had outage duration equal to Carlow
WORK OS CA 1 2	LOC PA PA Indica Initia	ATION ative window al duration o	Actu WORK ID	Jual Date: 01 A STATUS DO DO ed ex-ante I ex-ante d ex-ante	pr - 12 Apr DAYS 7 6 3 Changed No Yes	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110kV CUBICLE CONDI Reason for Change TSO error, plant should h Pollaphuca - Stratford tee	CRIPTION/COMMENTS e Duration Requested ary Service TION ASSESSMENT
WORK OS CA 1 2 3	LOC PA PA Indica Initia Sche Desig	ATION ative window al duration o eduled days gnated days	Actu WORK ID	DO DO DO Ed ex-ante I ex-ante d ex-ante ed ex-ante	pr - 12 Apr DAYS 7 6 3 Changed No Yes No	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110kV CUBICLE CONDI Reason for Change TSO error, plant should h Pollaphuca - Stratford tee	CRIPTION/COMMENTS e Duration Requested ary Service TION ASSESSMENT
WORK OS CA 1 2 3 4	LOC PA PA Indica Initia Sche Desig	ATION ative window al duration of eduled days gnated days s description	Actu WORK ID	DO DO DO DO ed ex-ante l ex-ante d ex-ante ed ex-ante ed ex-ante	pr - 12 Apr DAYS 7 6 3 Changed No Yes No No	DESC Total Maintenance Outag 110kV MO Cubicle Ordina 110kV CUBICLE CONDI Reason for Change TSO error, plant should h Pollaphuca - Stratford tee	CRIPTION/COMMENTS e Duration Requested ary Service TION ASSESSMENT ave had outage duration equal to Carlow

			GENER	ATOR TRANS	FORMER - RA	TRUSSAN T121 [Bindoo BD1]
TO-19-RRU	-T121-01	ISO we	ek: 13mo - 13 A	Stu Date: 25 I Actual Date: 10 S	Mar - 26 Mar Sep - 12 Sep	Duration: 2 Days (2 WD) Status: Proposed
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX			PR0005	DO	2	110 kV A1 @ RRU: Proximity outage for work on Ratrussan 110kV Sect / Dist Ordinary Service including busbar disconnects (SA1)
		-			1	Total Maintenance Outage Duration Requested
OPT	RRU			DO	1	110kV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indica	tive windo	w communica	ted ex-ante	Yes	Changed as per generator request
2	Initia	al duration	communicate	d ex-ante	Yes	TAO requested change: Addition of Ordinary Service on the Louth Cubicle DA Disconnects
3	Sche	duled days	s communicat	ed ex-ante	Yes	Changed as per generator request
4	Desig	nated day	s communicat	ed ex-ante	Yes	Changed as per generator request
5	Works	descriptio	on communica	ted ex-ante	Yes	TAO requested change: Addition of Ordinary Service on the Louth Cubicle DA Disconnects
6		Genera	tor outage da	tes	No	
7	S	cheduled	works not con	npleted	No	

GENERATOR TRANSFORMER - RATRUSSAN T122 [Mountain Lodge ML1]

TO-19-RRU	-T122-01	ISO v	veek: 19tu Act	Date: 07 May tual Date: 29 Apr	Duratio	on: 1 Day (1 WD)	Status: Planned
WORK	LOCA	TION	WORK ID	STATUS	DAYS		DESCRIPTION/COMMENTS
		-			1	Total Maintenance	e Outage Duration Requested
OPT	RRU			DO	1	110kV SF6 Cubic	le Operational Test

		Changed	Reason for Change
1	Indicative window communicated ex-ante	Yes	Changed as per generator request
2	Initial duration communicated ex-ante	No	
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	No	
6	Generator outage dates	Yes	Changed as per generator request
7	Scheduled works not completed	No	

			GENERATOR T	RANSFORM	ER - SEALRO	CK T103 [Aughinish Alumi	na SK3]
TO-19-SK-1	[103-01	ISO wee	k: 37mo - 37fr Actua	Date: 09 Se I Date: 23 Sep		Duration: 5 Days (5 WD)	Status: Planned
WORK LOCATION		WORK ID	STATUS	DAYS	DESC	RIPTION/COMMENTS	
		-			5	Total Maintenance Outag	e Duration Requested
OS	SK	-	900943107	DO	5	110KV SF6 Cubicle Ordin	nary Service
					Changed	Reason for Change	
1	Indi	cative winde	ow communicated	l ex-ante	No		
2	In	itial duratior	n communicated e	ex-ante	Yes	TSO requested reduction	in outage duration for system reasons
3	Sc	heduled day	s communicated	ex-ante	Yes	Generator requested char	nge to Committed Outage Programme
4	Des	signated da	ys communicated	ex-ante	Yes	Generator requested char	nge to Committed Outage Programme
5	Wo	rks descripti	on communicated	l ex-ante	No		
6	Generator outage dates				Yes	Generator requested char	nge to Committed Outage Programme
7		Scheduled	works not comple	eted	No		

			GENERATOR	TRANSFORME	R - SEALROO	CK T104 [Aughinish Alumina SK4]
TO-19-SK-1	Г104-01	ISO weel	:: 10mo - 10tu Actu	Date: 04 Mar al Date: 04 Mar		uration: 2 Days (2 WD) Status: Scheduled
WORK	LOC	CATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			2	Total Maintenance Outage Duration Requested
OPT	SK			DO	2	110KV SF6 Cubicle Operational Test
						•
					Changed	Reason for Change
1	Ind	icative wind	ow communica	ted ex-ante	No	
2	Ir	nitial duratio	n communicate	d ex-ante	No	
3	Sc	heduled da	ys communicate	ed ex-ante	No	
4	De	signated da	ys communicat	ed ex-ante	No	
5	Works description communicated ex-ante				No	
6		Gener	ator outage dat	es	No	
7		Scheduled	I works not com	pleted	No	

GENERATOR TRANSFORMER - SHANNONBRIDGE T104 [ESB GWM WO4]

FO-19-SH-T104-02 ISO week: 21mo - 21th Date: 20 Ma Actual Date: 20 Ma			Date: 20 Ma al Date: 20 Ma		Duration: 4 Days (4 WD) Status: Planned	
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			4	Total Maintenance Outage Duration Requested
OS	SH	-		DO	4	110KV SF6 Cubicle Ordinary Service
OPT	SH	-	900942710	DO	1	110KV SF6 Cubicle Operational Test
					Changed	Reason for Change
1	Indi	cative wind	ow communicate	d ex-ante	No	
2	Ini	itial duratio	n communicated	ex-ante	No	
3	Scl	neduled da	ys communicated	l ex-ante	No	
4	Des	signated da	ys communicate	d ex-ante	No	
5	Wor	ks descript	ion communicate	d ex-ante	Yes	Addition of P3 Maintenance of 7SA513
6		Gener	ator outage date	3	No	
7		Scheduled	works not comp	leted	No	

	GENERATOR TRANSFORMER - SLIABH BAWN T132 [Sliabh Bawn SB1]									
TO-19-SLB-T132-01 ISO week: 25we Date: 19 Jun Duration: 1 Day (1 WD) Status: Planned Actual Date: 19 Jun Actual Date: 19 Jun Duration: 1 Day (1 WD) Status: Planned										
WORK	LOCATION WORK ID STATUS				DAYS	DESCRIPTION/COMMENTS				
		-			1	Total Maintenance Outage Duration Requested				
OPT	SLB	110	900942718	DO	1	110kV SF6 Cubicle Operational Test				
					Changed	Reason for Change				
1	Indicat	tive windo	ow communicate	ed ex-ante	No					
2	Initia	l duration	o communicated	ex-ante	No					
3	Schee	duled day	s communicate	d ex-ante	No					
4	Desig	nated day	ys communicate	d ex-ante	No					
5	Works	descripti	on communicate	ed ex-ante	No					
6		Genera	ator outage date	S	No					
7	S	cheduled	works not comp	leted	No					

110kV FEEDER - STRATFORD tee CARLOW									
TO-19-STR,T-CL	.W-1-01	ISO w		Date: 01 August Date: 01 A	Apr - 12 Apr Apr - 12 Apr	Duration: 12 Days (10 WD) Status: Scheduled			
WORK	LOCA	TION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS			
		-			7	Total Maintenance Outage Duration Requested			
FO_STDMG		-		DO	2	2016CP-3[1]91 Replace Pole only			
FO_STDMG		-		DO	2	2016CP-3[1]165 Replace Pole only			
FO_STDMG		-		DO	2	2016CP-3[1]87 Replace Pole only			
FOSTRHW		-		DO	1	2016CP-1[110]Replace Pole only –Rotten			
FO_MISC		-		DO	1	2016CP-1[109]Off Plumb Pole & insulators			
FO_STDMG		-		DO	1	2016CP-1[109]Replace Pole Bolt –Bent			
FO_MISC		-		DO	1	2016CP-1[109]Vibration Dampers Replace			
FO_STDMG		-		DO	1	2016CP-1[109]Crossarm Replacement			
FOINSHW		-		DO	1	2016CP-1[117]H-ware Fit x-arm lock nut			
FOINSHW		-		DO	1	2016CP-1[118]H-ware Fit x-arm lock nut			
FOSTRHW		-		DO	1	2016CP-1[159]Replace Pole only			
FOINSHW		-		DO	1	2016CP-1[109]H-ware Susp Clamps corroded			
FO_MISC		-	900898036	DO	1	2017HP-1[90]Anti-Cl. Guard fit			
FO_COND		-	900948076	DO	1	2016CP-2[89]Replace joints Midspan			
TRAN			900984379	DO	1	2018HP-1[90]ACGfit ACG			
TRAN			900989809	DO	1	2018HP-1[94]Check Structure-top rot – Ch			
					Changed	Reason for Change			
1	Indic	ative wir	ndow communicat	ed ex-ante	No				
2	Init	ial durat	ion communicate	d ex-ante	No				
3	Sch	eduled o	days communicate	ed ex-ante	No				
4	Des	ignated (days communicat	ed ex-ante	No				
5	Works description communicated ex-ante		ted ex-ante	Yes	TAO requested change: 110kV SF6 Cubicle Operational Test on Stratford Cubicle in Carlow				
6		Gen	erator outage dat	es	No				
7		Schedul	ed works not com	pleted	Yes	Work items highlighted in yellow above were not completed by the TAO			

110kV FEEDER - STRATFORD tee POLLAPHUCA

TO-19-STR,T-F	PA-1-01	ISO we	ek: 14mo - 15fr Actua	Date: 01 Ap al Date: 01 Ap		Duration: 12 Days (10 WD) Status: Scheduled
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
		-			10	Total Maintenance Outage Duration Requested
_STDMG		-	900898188	DO	2	2017HP-1[14]Crossarm Replacement Replace
O_MISC		-		DO	1	2016CP-1[33]Off Plumb Poles
O_MISC		-		DO	1	2016CP-1[13]Off Plumb Poles
TRAN			900989394	DO	1	2018HP-1[15]Off Plumb-Poles
TRAN			900989395	DO	1	2018HP-1[58-59]Check(General)-Bails
TRAN			900989396	DO	1	2018HP-1[64-65]Conflicts-Soil banked
OPT	PA			DO	1	110kV MO Cubicle Operational Test
OSTRHW	PA	-	900973774	DO	1	1[33]Replace Rotten Pole
FO_MISC	PA	-	900975368	DO	1	1[53]Install ACG on mast no. 53
	•		·			
					Changed	Reason for Change
1	India	ative win	dow communicate	ed ex-ante	No	

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	
2	Initial duration communicated ex-ante	No	
3	Scheduled days communicated ex-ante	No	
4	Designated days communicated ex-ante	No	
5	Works description communicated ex-ante	No	
6	Generator outage dates	No	
7	Scheduled works not completed	Yes	Work items highlighted in yellow above were not completed by the TAO

		(GENERATOR TR	ANSFORMER	R - TARBERT	T101 [SSE Generation Ireland TB1]		
TO-19-TB-T101-01		ISO week	:: 20mo - 20fr Actua	Date: 13 May		Duration: 5 Days (5 WD) Status: Planned		
WORK	LOC	CATION WORK ID		STATUS D	DAYS	DESCRIPTION/COMMENTS		
		-			5	Total Maintenance Outage Duration Requested		
PROX			PROX	DO	2	110 kV A1/B1 @ TB: Proximity outage for work on TARBERT 110-TARBERT 110-110K1-2 (110kV Sect / Dist Ordinary Service)		
OS	ТВ	-	900943278	DO	4	110KV SF6 Cubicle Ordinary Service		
AMCAB	ТВ	-	900924513	DO	2	Annual Insp. 110kV Station OF Cable		
					Changed	Reason for Change		
1	Indi	icative windo	ow communicate	d ex-ante	No			
2	In	itial duratior	o communicated	ex-ante	No			
3	Sc	heduled day	s communicated	ex-ante	No			
4	De	signated day	ys communicated	l ex-ante	No			
5	Wo	rks descripti	on communicate	d ex-ante	No			
6		Genera	ator outage dates	6	No			
7		Scheduled	works not compl	eted	No			

GENERATOR TRANSFORMER - TARBERT T102 [SSE Generation Ireland TB2]

TO-19-TB-T102-01 ISO week: 20mo - 20fr Date: 13 May Actual Date: 20 May					Duration: 5 Days (5 WD) Status: Planned		
WORK	LOC	LOCATION WORK ID		STATUS	DAYS	DESCRIPTION/COMMENTS	
		-			3	Total Maintenance Outage Duration Requested	
AMCAB	TB	-		DO	2	Annual Insp. 110kV Station OF Cable	
OPT	T TB - 900962769 DO		DO	1	110KV SF6 Cubicle Operational Test		
					Changed	Reason for Change	
1	Ind	cative wind	ow communicate	d ex-ante	No		
2	In	itial duratio	n communicated	ex-ante	No		
3	Sc	heduled da	ys communicated	d ex-ante	Yes	Generator requested change to Committed Outage Program	
4	De	signated da	ys communicate	d ex-ante	Yes	Generator requested change to Committed Outage Program	
5	Wo	rks descript	ion communicate	ed ex-ante	No		
6		Gene	ator outage date	S	Yes	Generator requested change to Committed Outage Program	
7	1	Scheduled	d works not comp	leted	No		

	GENERATOR TRANSFORMER - TARBERT T2003 [SSE Generation Ireland TB3]								
2003-02	ISO week: 23mo - 25mo	Date: 03 Jun - 17 Jun	Duration: 15 Days (10 WD)	Status: Planned					

TO-19-TB-T2003-02 ISO week: 23mo - 25mo Date: 03 Jun - 17 Jun Duration: 15 Days (10 WD) Status: Planned Actual Date: 04 Jun - 17 Jun									
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS			
	-				10	Total Maintenance Outage Duration Requested			
OS	TB -		DO	10	220kV MO Cubicle Ordinary Service				

		Changed	Reason for Change
1	Indicative window communicated ex-ante	No	
2	Initial duration communicated ex-ante	Yes	TAO requested reduction in outage duration
3	Scheduled days communicated ex-ante	No	
4	Designated days communicated ex-ante	No	
5	Works description communicated ex-ante	Yes	TAO requested change: P3 maintenance on R3Z7, RIZ23B and Overcurrent Relay added during outage
6	Generator outage dates	No	
7	Scheduled works not completed	No	

	Ple	ase note:	This should n	ot have been in	cluded in the E	x-Ante report as it is Distribution System plant
			DIS	TRIBUTION TRA	ANSFORMER -	THURLES T142 [SDCC]
TO-19-THU-	T142-01	ISO wee	k: 36tu - 36th Actua	Date: 03 Sep - Il Date:	05 Sep Durat	ion: 3 Days (3 WD) Status: Reference (Planned)
WORK	LOC	ATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROX			PR0005	DO	2	110 kV A2 @ THU: Proximity outage for work on Thurles 110kV Sect / Dist Ordinary Service (SA1-2CB)
					Changed	Reason for Change
1	Indic	cative wind	dow communica	ited ex-ante		
2	Ini	tial duratio	on communicate	ed ex-ante		
3	Sch	neduled da	ays communicat	ed ex-ante		
4	Des	ignated da	ays communica	ted ex-ante		
5	Worl	ks descrip	tion communica	ated ex-ante		
6		Gene	rator outage da	tes		
7		Schedule	d works not con	npleted		

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

ТО-19-ТН-Т	2001/2-01	ISO w	eek: 21we - 21fr Actu	Date: 22 M ual Date: 19 M	ay - 24 May ay - 31 May	Duration: 3 Days (3 WD) Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
		-			3	Total Maintenance Outage Duration Requested	
OPT	TH			DO	3	220kV MO Cubicle Operational Test	
AMCAB	TH	-	900924484	DO	2	Annual Insp. 400 & 220 Station OF Cable	
					Changed	Reason for Change	
1	Indica	ative wind	ow communicated	d ex-ante	No	-	
2	Initi	ial duratio	n communicated	ex-ante	No		
3	Sche	eduled da	ys communicated	ex-ante	Yes	Changed as per generator request	
4	Desi	gnated da	iys communicated	ex-ante	Yes	Changed as per generator request	
5	Work	s descript	ion communicate	d ex-ante	No		
6		Gener	ator outage dates		No		
7	, e	Scheduled	works not compl	eted	No		

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

ТО-19-ТН-Т	2003/4-01	ISO we	eek: 21mo - 21we Act		May - 22 May June - 14 June	Duration: 3 Days (3 WD) Status: Planned		
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS		
		-			3	Total Maintenance Outage Duration Requested		
OPT	TH			DO	3	220kV MO Cubicle Operational Test		
AMCAB	TH	-	900924485	DO	2	Annual Insp. 400 & 220 Station OF Cable		
					•	•		
					Changed	Reason for Change		
1	Indic	ative wind	ow communicated	ex-ante	Yes	Changed as per generator request		
2	Init	tial duratio	n communicated e	x-ante	No			
3	Sch	eduled day	ys communicated	ex-ante	Yes	Changed as per generator request		
4	Des	ignated da	ys communicated	ex-ante	Yes	Changed as per generator request		
5	Work	ks descript	ion communicated	ex-ante	No			
6		Gener	ator outage dates		No			
7		Scheduled	I works not comple	ted	No			

			GENERAT	OR TRANSFO	ORMER - TYI	NAGH T2001/2 [Tynagh E	Energy TYC]		
TO-19-TY-T2001/2-01 ISO week: 39mo Date: 23 S Actual Date: 16 S					•				
WORK	LOCAT	CATION WORK ID		STATUS	DAYS	DAYS DESCRIPTION/0	ESCRIPTION/COMMENTS		
		-		1	Total Maintenance Outage Duration Requested				
OPT	TYN			DO	1	220kV SF6 Cubicle Op	220kV SF6 Cubicle Operational Test		
					Changed	Reason for Change			
1	Indicativ	ve windo	w communicate	ed ex-ante	No				
2	Initial	duration	communicated	ex-ante	No				
3	Schedu	uled day	s communicate	d ex-ante	Yes	Generator requested c	hange to Committed Outage Programme		
4	Designa	ated day	/s communicate	ed ex-ante	Yes	Generator requested c	hange to Committed Outage Programme		
5	Works o	description	on communicate	ed ex-ante	No				
6		Genera	ator outage date	es	Yes	Generator requested c	hange to Committed Outage Programme		
7	Scł	neduled	works not com	oleted	No				

			GEN	ERATOR TR	RANSFORME	R - UGGOOL T131 [Uggool]
TO-19-UGL	-T131-01	ISO wee	ek: 23tu - 23fr Actu	Date: 04 Jun - 07 Jun al Date: 30 Jul - 31 Jul		Duration: 4 Days (4 WD) Status: Planned
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	As a consequence of maintenance on Knockranny Uggool
		-			3	Total Maintenance Outage Duration Requested
AMCAB	UG	110	900944067	DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	UGL	110	900942783	DO	1	110kV GIS Cubicle Operational Test
					Changed	Reason for Change
1	Indicativ	e window	communicated	ex-ante	Yes	Changed as per generator request
2	Initial	duration o	communicated e	ex-ante	No	
3	Schedu	uled days	communicated	ex-ante	Yes	Changed as per generator request
4	Design	ated days	communicated	ex-ante	Yes	Changed as per generator request
5	Works of	lescriptior	n communicated	l ex-ante	No	
6		Generate	or outage dates		Yes	Changed as per generator request
7	Scl	neduled w	orks not comple	eted	Yes	Work items highlighted in yellow above were not completed by the TAO