

EirGrid Ex-Ante Outturn Availability Connection Asset Maintenance Plan for the 2017 Outage Season

Transmission Outage Programme Issue February 2017



Introduction

The Single Electricity Market Committee (SEMC) decision SEM-15-071 “Process for the Calculation of Outturn Availability”, published on 29 September 2015, required that the TSOs establish a forum which will be responsible for publication of separate ex-ante outage plans for Northern Ireland and Ireland. The SEMC decision also required that the ex-ante outage plans for each outage season be sent to the RAs for review. This Ex-Ante Outturn Availability Connection Asset (OACA) Annual Maintenance Plan contains the scheduled maintenance of Outturn Availability Connection Assets for the 2017 outage season as scheduled and issued to individual Generators in February 2017.

The Ireland Ex-Ante Outturn Availability Forum takes place in Q1 annually. At this forum, the format and content of the Ex-Ante OACA Annual Maintenance Plan is presented for discussion. This report is also sent to the RAs in draft for review prior to publication on the EirGrid website.

This Ex-Ante OACA Annual Maintenance Plan forms the baseline for the 2017 outage season against which changes will be reported. The Ex-Ante OACA Annual Maintenance Plan includes details of the individual work items, the scheduling status, scheduled dates or planned window, the maintenance duration associated with the work and a unique identifier (Transmission Outage Programme identifier also known as a TOP-ID) for each OACA. Changes to generator outages, maintenance duration or scope, the planned window, scheduled dates and designated days are being tracked and these, along with work completed will be reported ex-post at the Ex-Post Forum in Q1 2018 and in the EirGrid Ex-Post Outturn Availability Connection Asset Maintenance Report for the 2017 Outage Season.

Note: Transmission Outage Programme Timelines

In 2016 EirGrid implemented a new Transmission Outage planning process, as communicated to Generators in February 2016. This outage planning process was refined and continued for the 2017 outage season.

The process aims to increase flexibility in the outage programme to the benefit of our customers by better accommodating project changes as they occur with the least disruption. In doing so it is anticipated that the amount of work which can be carried out on the transmission system in a given outage season will be maximised with a nominal amount of schedule changes. A full programme of work for the year ahead was developed in February, in which work items were classified as Planned or Scheduled. Outages several months in the future are initially classified as Planned. As the outage window approaches, the outage will move to a scheduled state.

Outage Classification	Outage Description
<i>Planned</i>	A viable outage window identified to complete a particular work item. Works will not be assigned a date until later in the outage season, for example works which are not expected to take place until several months in the future. These works are given an indicative outage window (date range) in which a fixed duration of work will be carried out.
<i>Scheduled</i>	Outages scheduled with specified start and end dates, where these dates are unlikely to change. The outage dates are scheduled approximately 4 weeks before the start of the relevant month.

Details of designated days for Outturn Availability purposes will be assigned when the outage is scheduled (i.e. when the outage moves to the scheduled state which will happen typically 4 weeks in advance of the relevant month).

The following section includes details of the maintenance works planned for OACAs for the 2017 outage season. The total maintenance duration is the actual length of time of the works, with works running concurrently this may not always be the sum of the durations of the individual work items.

2017 OACA Annual Maintenance

110kV FEEDER - AGANNYGAL DERRYBRIEN					
TO-17-AGL-DYN-1-01		Window: Jun		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
CM	AGL		DO	3	CB - Siemens 3AP mod required to prevent spring charging lockout with loss of AC.
PROT	AGL		DO	1	P1 - Maintenance of the bay protection relays
OPT	AGL		DO	1	110kV SF6 Cubicle Operational Test
CM	AGL	900638814	DO	1	Oil sampling
220kV FEEDER - AGHADA LONG POINT					
TO-17-AD-LPT-1-01		Window: Jul		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
OS	AD		DO	5	220kV SF6 Cubicle Ordinary Service
CA	AD		DO	3	220kV Cubicle Condition Assessment
AMCAB	CABLE	900741909	DO	2	Annual Insp. 400 & 220 Feeder XLPE Cable
GENERATOR TRANSFORMER - AGHADA T2001					
TO-17-AD-T2001-01		Window: Oct		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	AD		DO	5	220kV SF6 Cubicle Ordinary Service
AMCAB	AD		DO	2	Annual Insp. 400 & 220 Station OF Cable
CMCAB	AD	900811325	DO	1	Replace Differential Oil Alarm Gauge
GENERATOR TRANSFORMER - AGHADA T2011/12					
TO-17-AD-T2011/12-0 ISO week: 9tu - 9fr Date: 28 Feb - 03 Mar Duration: 4 Days (4 WD) Status: Scheduled					
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
AMCAB	AD		DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	AD		DO	1	P1 - Maintenance of the bay protection relays
OPT	AD	900774852	DO	1	220kV SF6 Cubicle Operational Test
CMCAB	AD	900811453	DO	1	Replace Differential Oil Alarm Gauge

GENERATOR TRANSFORMER - AGHADA T2014

TO-17-AD-T2014-01		Window: Apr		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				6	Total Maintenance Outage Duration Requested
OS	AD		DO	5	220kV SF6 Cubicle Ordinary Service
AMCAB	AD		DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	AD		DO	1	P1 - Maintenance of the bay protection relays
CMCAB	AD		DO	1	Replace Low & Differential Oil Alarm Gauge

GENERATOR TRANSFORMER - ARDNACRUSHA T101

TO-17-AA-T101-02		Window: Apr		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test

GENERATOR TRANSFORMER - ARDNACRUSHA T102

TO-17-AA-T102-03		Window: May		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test

GENERATOR TRANSFORMER - ARDNACRUSHA T103

TO-17-AA-T103-03		Window: Aug		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test

GENERATOR TRANSFORMER - ARDNACRUSHA T104

TO-17-AA-T104-03		Window: Jun		Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	AA		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	AA		DO	1	110KV MO Cubicle Operational Test

110kV FEEDER - ATHEA DROMADA						
TO-17-ATE-DRO-1-01			Window: Aug		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
OPT	ATE			DO	1	110kV SF6 Cubicle Operational Test
AMCAB	Cable			DO	2	Annual Insp. 110kV Feeder XLPE Cable
110kV FEEDER - ATHEA KNOCKANURE						
TO-17-ATE-KNR-1-01			Window: Aug		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	ATE			DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	ATE			DO	1	110kV SF6 Cubicle Operational Test
AMCAB	KNR			DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	KNR			DO	1	110kV SF6 Cubicle Operational Test
GENERATOR TRANSFORMER - ATHEA T121						
TO-17-ATE-T121-01			Window: Aug		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	ATE				3	Total Maintenance Outage Duration Requested
	ATE	110		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	ATE	110		DO	1	110kV SF6 Cubicle Operational Test
110kV FEEDER - AUGHINISH SEALROCK 3						
TO-17-AUG-SK-3-03					Status: Unscheduled	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
PROT	AUG			DO	2	Trip testing
TO-17-AUG-SK-3-02			Window: Sep		Status: Planned	
					3	Total Maintenance Outage Duration Requested
CM	AUG		900692918	DO	2	Replace 3 cracked stand off insulators on cable screen earths
AMCAB	AUG			DO	1	Annual Insp. 110kV Feeder XLPE Cable
OPT	AUG			DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - AUGHINISH SEALROCK 4						
TO-17-AUG-SK-4-01				Status: Unscheduled		
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
PROT	AUG		DO	2	Trip testing	
TO-17-AUG-SK-4-02				Window: Jul		Status: Planned
				3	Total Maintenance Outage Duration Requested	
AMCAB	AUG		DO	2	Annual Insp. 110kV Feeder XLPE Cable	
OPT	AUG		DO	1	110kV SF6 Cubicle Operational Test	
110kV FEEDER - BALLYWATER CRANE						
TO-17-BWR-CRA-1-02				Window: Jun		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
MISC			DO	2	Proximity outage of A2 110kV Busbar for maintenance on Crane - Wexford	
TO-17-BWR-CRA-1-01				Window: Jun		Status: Planned
				1	Total Maintenance Outage Duration Requested	
					As a consequence of Crane SA2	
OPT	CRA		DO	1	110kV SF6 Cubicle Operational Test	
110kV FEEDER - BOGGERAGH CLASHAVOON						
TO-17-BGH-CLA-1-01				Window: Jun		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				2	Total Maintenance Outage Duration Requested	
FO_MISC		900727123	DO	1	2015HP-1Vib Dampers Check E/W	
FO_MISC		900819429	DO	1	2016HP-1Earths-Replace Pole top	
OPT	BGH		DO	1	110kV SF6 Cubicle Operational Test	
CMCAB	Cable	900819967	DO	3	Repair Bonding Lead Mid-Point	
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable	
CMCAB	Cable	900373863	DO	1	Replace link box covers	
CORRECT	CLA	900798957	DO	5	O1-Boggeragh 110kv DA & DL not lining up	
OPT	CLA		DO	1	110kV SF6 Cubicle Operational Test	
GENERATOR TRANSFORMER - BOGGERAGH T121						
TO-17-BGH-T121-01				Window: Jun		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				1	Total Maintenance Outage Duration Requested	

110kV FEEDER - BOOLTIAGH ENNIS						
TO-17-BOL-ENN-1-08		Window: Sep - Nov			Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				2	Total Maintenance Outage Duration Requested	
FO_MISC		900403897	DO	1	1Fit anti climb device	
FO_MISC		900649655	DO	1	2014HP-1Insulator plumb insulators	
FOINSHW		900727042	DO	1	2015HP-1Insul&H-ware check	
FO_MISC		900819291	DO	1	2016HP-1Off Plumb Plumb insulators	
OPT	BOL		DO	1	110kV SF6 Cubicle Operational Test	
OPT	ENN		DO	1	110kV SF6 Cubicle Operational Test	
GENERATOR TRANSFORMER - CARRIGADROHID T103						
TO-17-CD-T103-01		Window: Jun			Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				1	Total Maintenance Outage Duration Requested	
OPT	CD		DO	1	110KV SF6 Cubicle Operational Test	
110kV FEEDER - CASTLEDOCKRELL LODGEWOOD						
TO-17-CDK-LWD-1-01		Window: May			Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				1	Total Maintenance Outage Duration Requested	
OPT	LWD		DO	1	110kV SF6 Cubicle Operational Test	
110kV FEEDER - CATHALEENS FALL CLIFF						
TO-17-CF-CL-1-01		Window: Sep			Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				4	Total Maintenance Outage Duration Requested	
OS	CF		DO	4	110kV SF6 Cubicle Ordinary Service	
GENERATOR TRANSFORMER - CATHALEENS FALL T103						
TO-17-CF-T103-01		Window: Jun			Status: Planned	
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				1	Total Maintenance Outage Duration Requested	
OPT	CF		DO	1	110KV SF6 Cubicle Operational Test	

GENERATOR TRANSFORMER - CATHALEENS FALL T104

TO-17-CF-T104-02 **Window: Jun - Aug** **Status: Planned**

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

GENERATOR TRANSFORMER - CLAHANE T122

TO-17-CLH-T122-01 **Window: Aug** **Status: Planned**

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

GENERATOR TRANSFORMER - CLIFF T101

TO-17-CL-T101-01 **Window: Sep** **Status: Planned**

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

GENERATOR TRANSFORMER - CLIFF T102

TO-17-CL-T102-01 **Window: Sep** **Status: Planned**

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

GENERATOR TRANSFORMER - CLOGHBOOLA T131

TO-17-CBA-T131-03 **Window: Jul** **Status: Planned**

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

110kV FEEDER - CLOGHBOOLA TRIEN

TO-17-CBA-TRI-1-03 **Window: Jul** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				2	Total Maintenance Outage Duration Requested
CM	Cable	900819968	DO	4	Repair Link Box at JB1. Water Ingress.
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CBA		DO	1	110kV SF6 Cubicle Operational Test
OPT	TRI		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - CLONKEEN COOMAGEARLAHY

TO-17-CKN-CGL-1-01

Window: Jun

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
FO_MISC		900819443	DO	1	2016HP-1Off Plumb Plumb poles
AMCAB	Cable		DO	2	Annual Insp. 110kV Feeder XLPE Cable
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test
OPT	CKN		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - COOMAGEARLAHY GLANLEE

TO-17-CGL-GAE-1-01

Window: Jun

Status: Planned

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

GENERATOR TRANSFORMER - COOMAGEARLAHY T121

TO-17-CGL-T121-01

Window: Jun

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Clonkeen - Coomagearlahy 110kV Line
				1	Total Maintenance Outage Duration Requested
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - COOMAGEARLAHY T122

TO-17-CGL-T122-01

Window: Jun

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Clonkeen - Coomagearlahy 110kV Line
				1	Total Maintenance Outage Duration Requested
OPT	CGL		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - CORDERRY GARVAGH

TO-17-CDY-GRV-1-03

Window: Jul - Oct

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB			DO	2	Annual Insp. 110kV Feeder XLPE Cable
		MISC	DO	2	As a consequence of CDY 110-SA1 110kV Sect / Dist Ordinary Service including busbar disconnects.
FO_MISC		900650000	DO	1	2014HP-1Bird Nests
CMCAB	CABLE		DO	1	Inspect Suspect Pfisterer Terminations
OPT	CDY		DO	1	110kV SF6 Cubicle Operational Test
CORRECT	GRV	900786877	DO	1	O1 Fit cubicle number on Corderry Bay

220kV FEEDER - CORDUFF HUNTSTOWN						
TO-17-CDU-HN-1-01 Window: Aug Status: Planned						
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				4	Total Maintenance Outage Duration Requested	
AMCAB	Cable	900776594	DO	2	Annual Insp. 220 Feeder XLPE Cable	
CA	CDU	900775887	DO	3	220kV Cubicle Condition Assessment	
OPT	CDU		DO	1	220kV SF6 Cubicle Operational Test	
CM	CDU	900699524	DO	1	Investigate and Repair Moisture ingress on S & R Phase Surge Counter	
GENERATOR TRANSFORMER - CUNGHILL T121						
TO-17-CUN-T121-01 Status: Unscheduled						
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				2	Total Maintenance Outage Duration Requested	
CM	CUN	900693020	DO	2	Replace desimeter (plunger not closing correctly)	
OPT	CUN		DO	1	110kV SF6 Cubicle Operational Test	
CORRECT	CUN	110	900637835	DO	1	Replace desimeter (plunger not closing c
CORRECT	CUN	110	900810622	DO	1	O1 T121 circ breaker needs cleaning
110kV FEEDER - CUSHALING MOUNTLUCAS						
TO-17-CUS-MLC-1-02 Window: Apr Status: Planned						
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				1	Total Maintenance Outage Duration Requested	
FOSTRHW		900819535	DO	1	2016HP-1Check Structure clear base	
FO_MISC		900819536	DO	1	2016HP-1Earths-Replace Broken strap	
FO_MISC		900819537	DO	1	2016HP-1Earths-Replace Right E-strap	
OPT	CUS		DO	1	110kV SF6 Cubicle Operational Test	
OPT	MLC		DO	1	110kV SF6 Cubicle Operational Test	
GENERATOR TRANSFORMER - CUSHALING T101						
TO-17-CUS-T101-01 Window: Apr 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	
CORRECT	CUS	110	900809981	DO	1	Manometer needs to be relaced
GENERATOR TRANSFORMER - CUSHALING T103/5						
TO-17-CUS-T103/5-01 Window: May 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	
CORRECT	CUS	110	900809956	DO	1	Moisture in Surge Arrestors

GENERATOR TRANSFORMER - DERRYIRON RHODE T1/T2

TO-17-DER-T1/T2-01 **Window: Oct** **Status: Planned**

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

GENERATOR TRANSFORMER - DROMADA T121

TO-17-DRO-T121-01 **Window: Aug** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				2	Total Maintenance Outage Duration Requested	
CORRECT	DRO	110	900777218	DO	2	O2.Aluminium linkage on (DTE) corroded -
OPT	DRO			DO	1	110kV SF6 Cubicle Operational Test
CORRECT	DRO		900777165	DO	1	O2.Water getting into T121 110kV CB-MOS.
CORRECT	DRO	110	900777166	DO	1	O2.Danger locks to be replaced on T121 D

110KV FEEDER - DRUMKEEN MEENTYCAT

TO-17-DRM-MEE-1-01 **Window: Aug** **Status: Planned**

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

220KV FEEDER - FINGLAS HUNTSTOWN

TO-17-FIN-HN-1-01 **Window: Jul - Aug** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				3	Total Maintenance Outage Duration Requested	
AMCAB	Cable		900776596	DO	2	Annual Insp. 400 & 220 Feeder XLPE Cable
CORRECT	FIN		900479248	DO	2	HUNTSTOWN 220KV DL PI IN EIRGRID WHEN DL
OPT	FIN			DO	1	220kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - GARROW T122

TO-17-GRO-T122-01 **Window: Aug** **Status: Planned**

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

GENERATOR TRANSFORMER - GARVAGH T121

TO-17-GRV-T121-03 **Window Mar** **Status: Planned**

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

GENERATOR TRANSFORMER - GLANAGOW T2001

TO-17-GGO-T2001-01 **Window: Apr** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	GGO		DO	4	220kV GIS Cubicle Ordinary Service
CA	GGO		DO	3	220kV Cubicle Condition Assessment
AMCAB	GGO		DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable

GENERATOR TRANSFORMER - GLANLEE T121

TO-17-GAE-T121-01 **Window: Jun** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	3	As a consequence of Coomagearlahy - Glanlee 110kV Line
				1	Total Maintenance Outage Duration Requested
OPT	GAE		DO	1	110kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - GREAT ISLAND GIS T2004

TO-17-GI GIS-T2004-01 **Window: April** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	GI	220	DO	1	220kV GIS Cubicle Operational Test

GENERATOR TRANSFORMER - HUNTSTOWN T2002

TO-17-HN-T2002-01 **Window: Aug** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
CORRECT	HN	TRAFO 900804929	DO	5	Magrini CB "B6 245.Unable to take SF6 Pr
AMCAB	HN	900741911	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
CORRECT	HN	TRAFO 900805529	DO	1	T2002 SurgeArrestors and Voltage Transfo
OPT	HUN		DO	1	220kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - HUNTSTOWN T2010/11

TO-17-HN-T2010/11-01 **Window: Jul - Aug** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	HN	900776625	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	HUN		DO	1	220kV SF6 Cubicle Operational Test

110kV FEEDER - IKERRIN tee IKERRIN

TO-17-IKE,T-IKE-1-02 **Window: May** **Status: Planned**

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

GENERATOR TRANSFORMER - INNISCARRA T101

TO-17-IA-T101-01		Window: May			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	IA			DO	1	110KV SF6 Cubicle Operational Test
CORRECT	IA	110	900790123	DO	1	O2- Perspex cover loose in CB Mech Box.

GENERATOR TRANSFORMER - IRISHTOWN T2001

TO-17-ISH-T2001-01		Window: Nov			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	ISH	Cable	900776626	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	ISH			DO	1	220kV GIS Cubicle Operational Test

GENERATOR TRANSFORMER - KILL HILL T131

TO-17-KHL-T131-01		Window: Apr			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
	KHL				1	Total Maintenance Outage Duration Requested
OPT	KHL	110		DO	1	110kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - LANESBORO T104

TO-17-LA-T104-01		Window: Oct			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	LA	CB/DL		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
AMCAB	LA			DO	1	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	LA			DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - LISHEEN T122

TO-17-LSN-T122-01		Window: Jul			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	LSN			DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - LISHEEN THURLES

TO-17-LSN-THU-1-01		Window: Jul			Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
FO_MISC			900819826	DO	1	2016HP-1Bird Nests
OPT	LSN			DO	1	110kV SF6 Cubicle Operational Test
OPT	THU			DO	1	110kV MO Cubicle Operational Test

GENERATOR TRANSFORMER - LONG POINT T2002

TO-17-LPT-T2002-01 **Window: Jul** **Status: Planned**

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

GENERATOR TRANSFORMER - MARINA T107

TO-17-MR-T107-01 **Window: Jul** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
OS	MR		DO	4	110KV GIS Cubicle Ordinary Service
AMCAB	MR		DO	2	Annual Insp. 110 Feeder OF Cable
AMCAB	MR		DO	2	Annual Insp. 110kV Feeder XLPE Cable

GENERATOR TRANSFORMER - MEENTYCAT T121

TO-17-MEE-T121-01 **Window: Aug** **Status: Planned**

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

GENERATOR TRANSFORMER - MONEYPPOINT T4001

TO-17-MP-T4001-01 **Window: Jun** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	MP		DO	1	400kV GIS Cubicle Operational Test
FM	MP		DO	1	HV Pressure Vessel Inspection

GENERATOR TRANSFORMER - MONEYPPOINT T4002

TO-17-MP-T4002-01 **Window: Jun** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	MP		DO	1	400kV GIS Cubicle Operational Test
FM	MP		DO	1	HV Pressure Vessel Inspection

GENERATOR TRANSFORMER - MONEYPPOINT T4003

TO-17-MP-T4003-02

Window: May

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
AMCAB	MP		DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	MP		DO	1	400kV GIS Cubicle Operational Test

GENERATOR TRANSFORMER - MOUNTLUCAS T121

TO-17-MLC-T121-02

Window: Apr

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	MLC		DO	4	110kV SF6 Cubicle Ordinary Service

110kV FEEDER - MOY TAWNAGHMORE 1

TO-17-MOY-TAW-1-04

Window: Apr

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	MOY	900774880	DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - MOY TAWNAGHMORE 2

TO-17-MOY-TAW-2-01

Window: May

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				2	Total Maintenance Outage Duration Requested
FO_MISC		900731578	CLO	2	2015HP-2Vib Dampers Replace
OPT	MOY	900662176	DO	1	110kV Air Blast Cubicle Operational Test
CM	TAW	900489486	DO	2	Repair DL

GENERATOR TRANSFORMER - NORTH WALL T2004/5

TO-17-NW-T2004/5-01

Window: May

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	NW	900776635	DO	2	Annual Insp. 400 & 220 Station OF Cable
MISC	NW	MISC	DO	2	As a consequence of North Wall A1 220kV Busbar
OPT	NW		DO	1	220kV GIS Cubicle Operational Test

GENERATOR TRANSFORMER - POLLAPHUCA T101

TO-17-PA-T101-01

Window: April

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				1	Total Maintenance Outage Duration Requested
OPT	PA		DO	1	110kV MO Cubicle Operational Test
	PA		DO		As a consequence of maintenance on Pollaphuca T Stratford 110kV Line

GENERATOR TRANSFORMER - RATRUSSAN T121

TO-17-RRU-T121-01			Window: Mar		Status: Proposed	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	RRU			DO	1	110kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - RATRUSSAN T122

TO-17-RRU-T122-01			Window: Mar		Status: Unscheduled	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					1	Total Maintenance Outage Duration Requested
OPT	RRU			DO	1	110kV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - SEALROCK T103

TO-17-SK-T103-01			Window: Sep		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	SK	110		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	SK			DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - SEALROCK T104

TO-17-SK-T104-01			Window: Jul		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	Total Maintenance Outage Duration Requested
MISC				DO	3	As a consequence of maintenance on AUG-SK-4
OS	SK			DO	4	110KV SF6 Cubicle Ordinary Service
AMCAB	SK	110		DO	2	ANNUAL INSP. 110 STATION XLPE CABLE

GENERATOR TRANSFORMER - SHANNONBRIDGE T104

TO-17-SH-T104-01			Window: May		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					3	Total Maintenance Outage Duration Requested
AMCAB	SH			DO	2	ANNUAL INSP. 110 STATION XLPE CABLE
OPT	SH			DO	1	110KV SF6 Cubicle Operational Test

GENERATOR TRANSFORMER - SHELLYBANKS T2014

TO-17-SHL-T2014-01			Window: May		Status: Planned	
WORK	LOCATION		WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
					4	Total Maintenance Outage Duration Requested
AMCAB	SHL	cable		DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
CM	SHL		900638924	DO	2	Repair Diameter 1 Disconnects
PROT	SHL			DO	1	P1 - Maintenance of the bay protection relays
OPT	SHL	220-DL		DO	1	220kV Sect / Dist Operational Test

GENERATOR TRANSFORMER - SHELLYBANKS T2015

TO-17-SHL-T2015-01			Window: Sep		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	SHL	900776639	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	SHL	220-DL	DO	1	220kV Sect / Dist Operational Test

GENERATOR TRANSFORMER - SHELLYBANKS T2016

TO-17-SHL-T2016-01			Window: May		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	SHL	cable 900776640	DO	2	Annual Insp. 400 & 220 Statn. XLPE Cable
OPT	SHL	220-DL	DO	1	220kV Sect / Dist Operational Test

110kV FEEDER - STRATFORD tee CARLOW

TO-17-STR,T-CLW-1-01			Window: April		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
FOSTRHW		900814717	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814718	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814719	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814740	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814741	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814742	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900814743	DO	2	Rotten Pole Replace Pole only
FOSTRHW		900725300	DO	1	2015CP-1Replace Pole only RHP
FO_MISC		900819330	DO	1	2016HP-1Conflicts Timber store UL
FO_MISC		900819331	DO	1	2016HP-1Conflicts Check BX
FO_MISC		900819332	DO	1	2016HP-1Off Plumb Straighten P-set
OPT	CLW		DO	1	110kV SF6 Cubicle Operational Test

110kV FEEDER - STRATFORD tee POLLAPHUCA

TO-17-STR,T-PA-1-01			Window: April		Status: Planned
WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				7	Total Maintenance Outage Duration Requested
FOSTRHW		900725477	DO	2	2015CP-1Replace Pole only RHP
FOSTRHW		900725482	DO	2	2015CP-1Replace Pole only RHP
FOSTRHW		900814711	DO	2	2015CP-1Replace Pole only
FOSTRHW		900814712	DO	2	2015CP-1Replace Pole only
FOSTRHW		900814713	DO	2	2015CP-1Replace Pole only
FOSTRHW		900814714	DO	2	2015CP-1Replace Pole only
FOSTRHW		900725475	DO	1	2015CP-1Replace Pole only RHP
FO_MISC		900819916	DO	1	2016HP-1Conflicts 10/20kV pole UL
FOSTRHW		900819917	DO	1	2016HP-1Check Structure Red tags
FOSTRHW		900819918	DO	1	2016HP-1Check Structure Red tags
FOSTRHW		900819921	DO	1	2016HP-1Check Structure Pole rot
OPT	PA		DO	1	110kV MO Cubicle Operational Test

GENERATOR TRANSFORMER - TARBERT T101

TO-17-TB-T101-01 **Window: May** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				3	Total Maintenance Outage Duration Requested
AMCAB	TB		DO	2	Annual Insp. 110kV Station OF Cable
OPT	TB		DO	1	110KV SF6 Cubicle Operational Test
CM	TB	900624411	DO	1	Investigate tracking

GENERATOR TRANSFORMER - TARBERT T102

TO-17-TB-T102-01 **Window: May** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	TB		DO	4	110KV SF6 Cubicle Ordinary Service
CA	TB		DO	3	110KV CUBICLE CONDITION ASSESSMENT
AMCAB	TB		DO	2	Annual Insp. 110kV Station OF Cable

GENERATOR TRANSFORMER - TARBERT T2003

TO-17-TB-T2003-03 **Window: Jun** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				10	Total Maintenance Outage Duration Requested
OS	TB		DO	10	220kV MO Cubicle Ordinary Service
PROT	TB		DO	1	P1 - Maintenance of the bay protection relays

GENERATOR TRANSFORMER - TARBERT T2004

TO-17-TB-T2004-01 **Window: Aug** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				10	Total Maintenance Outage Duration Requested
OS	TB		DO	10	220kV MO Cubicle Ordinary Service
CA	TB		DO	3	220kV Cubicle Condition Assessment

GENERATOR TRANSFORMER - TURLOUGH HILL T2001/2

TO-17-TH-T2001/2-02 **Window: Jun** **Status: Planned**

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS	
				10	Total Maintenance Outage Duration Requested	
CORRECT	TH	220	900776812	DO	10	CB Overhaul
AMCAB	TH		900776643	DO	2	Annual Insp. 400 & 220 Station OF Cable
OPT	TH			DO	1	220kV MO Cubicle Operational Test

GENERATOR TRANSFORMER - TURLOUGH HILL T2003/4

TO-17-TH-T2003/4-02

Window: Jun

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				4	Total Maintenance Outage Duration Requested
AMCAB	TH	900776644	DO	2	Annual Insp. 400 & 220 Station OF Cable
PROT	TH		DO	1	P1 - Maintenance of the bay protection relays
OPT	TH		DO	1	220kV MO Cubicle Operational Test

GENERATOR TRANSFORMER - TYNAGH T2001/2

TO-17-TY-T2001/2-01

Window: May

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
				5	Total Maintenance Outage Duration Requested
OS	TYN		DO	5	220kV SF6 Cubicle Ordinary Service

GENERATOR TRANSFORMER - WOODHOUSE T122

TO-17-WOH-T122-01

Window: Aug

Status: Planned

WORK	LOCATION	WORK ID	STATUS	DAYS	DESCRIPTION/COMMENTS
MISC		MISC	DO	1	As a consequence of maintenance on WOH SA2