

Interruption Requirements

October 2008 Ad-hoc Invitation

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Document Control

Version	Date	Reason for Change
1.0	26 August 2008	Initial Draft
1.1	26 August 2008	Planning Update (Wales North Split) and other minor changes

Section 1 - Introduction

In each Gas Year (Y) we (WWU) will invite Interruption Offers by Users in respect of each of Gas Year Y+4 to Y+8 inclusive (each a separate Interruptible Period) by way of an Annual Interruption Invitation.

We may invite Interruption Offers at any other time and in respect of any other Interruptible period (whether comprising all or part of any Gas Year), by an ad-hoc interruption Invitation, in relation to which the invitation date(s) shall be such date, or dates, as the DN Operator may decide.

We did not fully satisfy our Interruptible Capacity requirements during the June 2008 Annual Invitation and will therefore be issuing an 'ad-hoc Interruption Invitation'. This document forms part of the Interruption Invitation and should be used in conjunction with the 'PIR' file issued by xoserve on 8th September 2008 via UK Link to Users (the PIR file contains a complete list of a Users eligible supply points along with details of the relevant Interruption Location Zone).

This document offers supplementary information for the ad-hoc Invitation as well as confirming our Interruption Capacity Requirements for 2001/12 to 2015/16. The ad-hoc Invitation dates will be ten consecutive days commencing on the 13th October 2008. Any eligible supply point will be able to submit Interruption Offers where there is an Interruptible Capacity Requirement within the relevant Location Zone.

Section 2 of this document covers the DN Interruption Terms and includes information about our specific requirements for Interruption Allowances (number of days) and other related matters.

Section 3 provides information relating to each Interruption Zone and includes the Minimum and Maximum number of interruptible days and the Aggregate Interruptible Capacity Quantity Required (kWh/day).

Section 2 - DN Interruption Terms

We will consider Interruption Offers following the guidelines set out in the Interruption Capacity Methodology Statement (ICM). The ICM is a joint Distribution Network (DN) document which has been approved by Ofgem.

We will consider offers from Users for sites (Daily Metered and Non-Daily Metered) that meet the following requirements:

- An Eligible Supply Point is an LDZ Supply Point for which the Annual Quantity (AQ) is greater than 5,860,000 kWh (200,000 therms); and
- An Eligible Supply Point must be Daily Metered (DM) by the first day of the Interruption Contract.

1 - General Terms

i) Financial Terms

Offers should be made in pence per kWh per day (p/kWh/day). The offer will be made up of an Interruption Option Price and an Interruption Exercise Price; together these form the Overall Interruption Price (p/kWh/day). The Interruption Option Price or the Interruption Exercise Price can be zero within any Interruption Offer.

The Interruption Option Price (in pence per kWh/day of Interruptible Supply Point Capacity) will be paid, regardless of any Interruption, in 12 monthly payments paid monthly in arrears.

The Interruption Exercise Price (in pence per kWh/day of Supply Point Capacity per Day of Interruption) will be paid for any month in which Days of Interruption occur and will be paid 2 months in arrears.

We have developed 'The Interruption Calculator' in order for Users and end consumers to be able to construct their Offers in the form of Option and Exercise Prices. The Interruption Calculator can be accessed from the WWU website.

Users need to be aware that any failure to physically interrupt when requested to do so by WWU, at a Supply Point where a contract has been awarded, will be subject to penalty charges in accordance with the Uniform Network Code.

ii) Selection Criteria

We will select successful Offers based on the overall business impact of the Offers submitted; this may include multiple Interruption Periods. We will take into consideration all Offers within the Interruption Zone.

If these requirements change prior to, or during, the Interruption Invitation dates (13th – 24th October 2008) they will be republished and notified to all Users. We (WWU) are not obligated to accept offers equal to our published requirements. We may accept less, or more, as necessary based upon the latest information available to us.

iii) **Interruption Zone Definition**

In defining the Interruption Zones, We have taken into consideration a range of factors which could lead to transportation constraints. These constraints are not exhaustive but can include a diurnal storage constraint, a shortfall in NTS Flat and / or Flexibility Capacity availability or a physical Offtake constraint.

We will endeavor to define Interruption Zones to allow the maximum number of Supply Points to participate in the process.

For the October 2008 ad-hoc Invitation we intended to retain the Interruption Zone definition that was used for the June 2008 Annual Invitation. However, within our indicative requirements we did refer to the possibility of splitting the Location Zone 'Wales North' into two, new, distinct Zones. After further consideration from our Network Management team we have concluded that this split will go ahead.

The Wales North Location Zone will be split into two Zones covering the North and South of the existing Zones. These will be known as 'Wales North – Coastal' and 'Wales North – Mid'. Further details can be found in Section 3 (this includes updated maps, post code lists and updated Interruptible Capacity requirements).

iv) **Interruption Allowances**

We will consider Interruption Offers up to the maximum days of the Interruption Allowance specified for the Interruption Zone in the Interruption Invitation.

Interruption Offers can be made for a minimum of 1 day and should not exceed the published maximum requirement for each Interruption Zone.

v) **Minimum Interruptible Amounts**

An Eligible Supply Point, and therefore an Eligible Tranche, is an LDZ Supply Point for which the Annual Quantity (AQ) is greater than 5,860,000 kWh (200,000 therms). The minimum Tranche SOQ is 16,000 kWh / day (540 therms / day).

The aggregate Interruptible Capacity Requirement within an Interruption Zone has been defined taking into consideration the factors described in (iii).

2 - Location Zone Annual Requirements

In Section 3 the aggregate Interruptible Capacity requirement for each Location Zone is specified for the 5 Gas Years (2011/12 to 2015/16 inclusive) relevant to the ad-hoc Invitation.

3 - Contract Periods

We will consider contract periods of any length, for example, up to 5 years if starting in 2011/12. Contracts can commence in any of the 5 years subject to ending no later than 2015/16.

4 - Multiple Offers

Users may wish to submit multiple Offers for a particular Supply Point; we will consider all valid multiple Offers and will have the option to select some or all of these Offers subject to the Location Zone requirements and the Supply Point eligibility (e.g. the total Capacity of accepted Offers should not exceed the Supply Point SOQ).

5 - Mutually Exclusive Offers

Users may wish to submit mutually exclusive Offers for a particular Supply Point, these can be described as “either / or” Offers where WWU will only be able to accept one of the Offers. It is important that the ‘Bid Link Reference’ field on the standard Invitation Offer file format is utilised to achieve this, otherwise these Offers will appear to be multiple Offers.

6 - Maximum Number of Offers

We have the ability to restrict the number of Offers for any single Supply Point; for the October 2008 ad-hoc Invitation we will specify a maximum of 150 Offers for each Supply Point. This applies to any combination of Tranche Offers, multiple Offers and mutually exclusive Offers.

Section 3 - Interruption Requirements by Interruption Zone

1 - Interruption Zones

Within the Wales & West Utilities distribution network (DN) there are 3 Local Distribution Zones (LDZs); Wales North LDZ (WN), Wales South LDZ (WS) and South West LDZ (SW). We had previously established 10 Location Zones whose design was based upon the physical characteristics and constraints of the network and our operational requirements. In splitting the 'Wales North' Location Zone we have created 2 new Location Zones. These will be known as 'Wales North – Coastal' and 'Wales North – Mid'. All eligible supply points from the 'North Wales' Location Zone will appear in one of the new Zones and the original Zone will become redundant.

Below are details of the 12 Location Zones including the name, Location ID (the original 10 as used for the June 2008 Annual invitation plus the 2 new Zones) and the applicable LDZ.

We have also indicated below whether or not we will be publishing any Interruptible Capacity Requirement for each Zone in the ad-hoc Invitation. Updated maps of each LDZ showing the geography covered by each Location Zone can be found on the subsequent pages.

For each Location Zone we have provided Post Codes, at 'outcode' level, contained within the Location Zone. We have provided the first number of the 'incode' where the 'outcode' covers more than one Location Zone (e.g. SA13 1** in Dyffryn Clydach).

For each Gas Year in each Location Zone we have indicated the minimum and maximum number of days that can be 'offered' along with Aggregate Interruptible Capacity Quantity (kWh/day) required.

i) Wales – Wales North LDZ

Location Zone – Description	Location ID	October 2008 ad-hoc Requirement
Wales North – IP	GT5081001	Yes
Wales North	GT5081002	No
Wales North – Coastal	GT5081003	No
Wales North – Mid	GT5081004	Yes

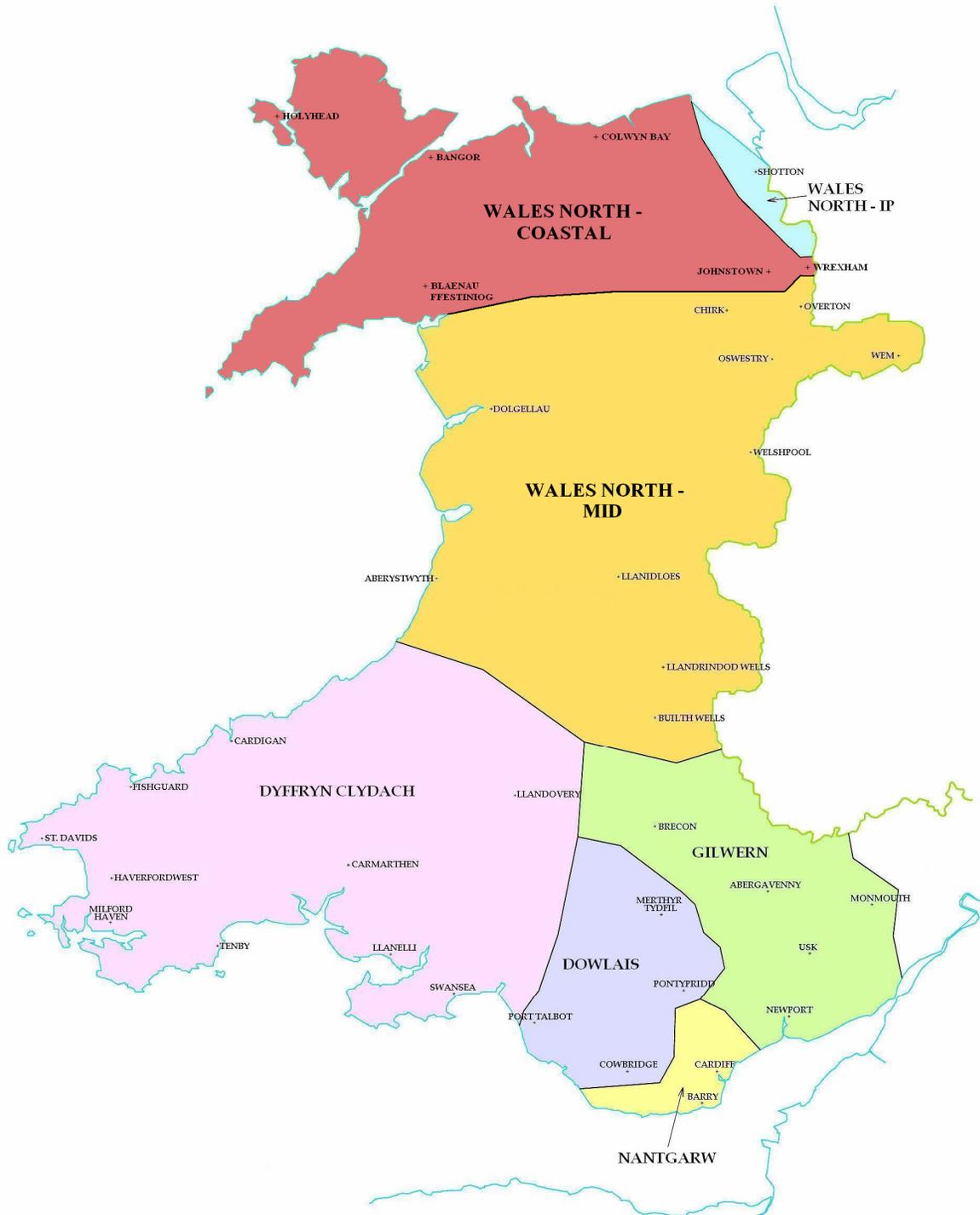
ii) Wales – Wales South LDZ

Location Zone – Description	Location ID	October 2008 ad-hoc Requirement
Dyffryn Clydach	GT5082001	Yes
Dowlais	GT5082002	No
Nantgarw	GT5082003	Yes
Gilwern	GT5082004	Yes

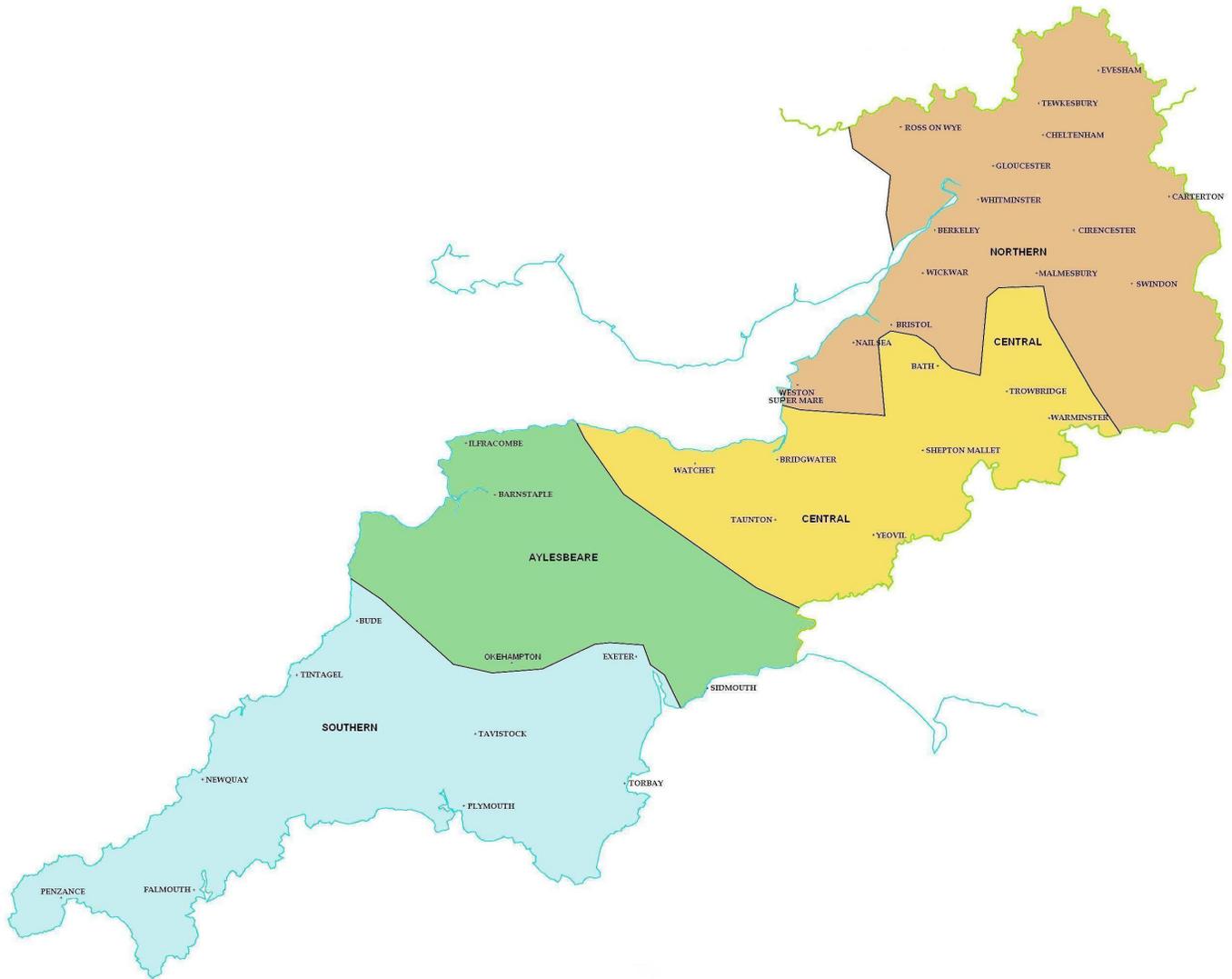
iii) England – South West LDZ

Location Zone – Description	Location ID	October 2008 ad-hoc Requirement
Northern	GT5083001	No
Central	GT5083002	Yes
Aylesbeare	GT5083003	No
Southern	GT5083004	Yes

2 - Wales North LDZ & Wales South LDZ Location Zones

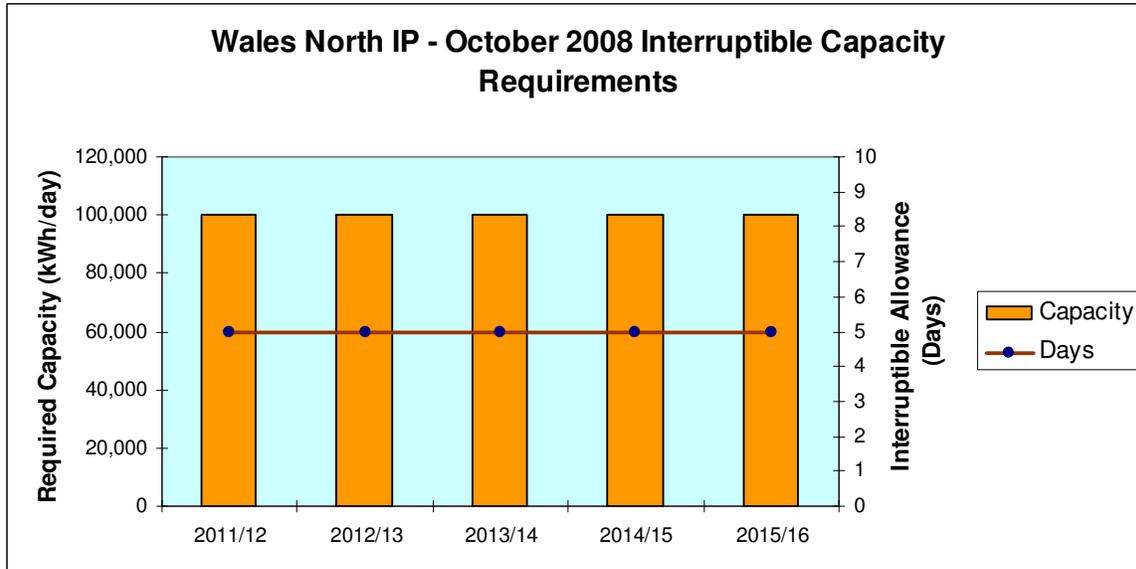


3 - South West LDZ Location Zones



4 - Wales North IP

Location ID	GT5081001				
Location Description	Wales North - IP				
Postcode Boundaries (outcodes)	CH5, CH6, CH7, CH8				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	5	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	100,000	100,000	100,000	100,000	100,000



5 - Wales North

Location ID	GT5081002
Location Description	Wales North
Postcode Boundaries (outcodes)	LL11, LL12, LL13, LL14, LL16, LL17, LL18, LL32, LL53, LL55, LL57, LL65, LL77, SY16, SY21, SY23

This Location Zone has now been replaced with 'Wales North – Coastal' (GT5081003) and 'Wales North – Mid' (GT5081004). We therefore do not have any Interruptible Capacity requirements for this Location Zone as part of the October 2008 ad-hoc interruption Invitation.

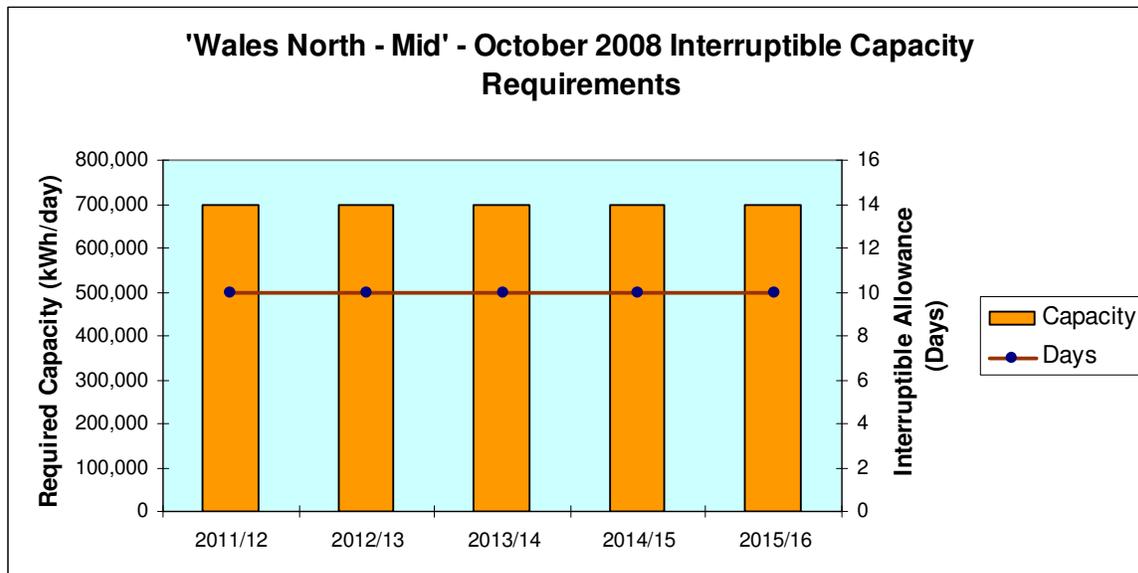
6 - Wales North Coastal

Location ID	GT5081003
Location Description	Wales North - Coastal
Postcode Boundaries (outcodes)	LL11, LL12, LL13, LL14 (except 5*), LL16, LL17, LL18, LL32, LL53, LL55, LL57, LL65, LL77

This Location Zone has been created from splitting the original 'Wales North' Location Zone. We are not publishing any Interruptible Capacity requirement for this Location Zone as part of the October 2008 ad-hoc interruption Invitation.

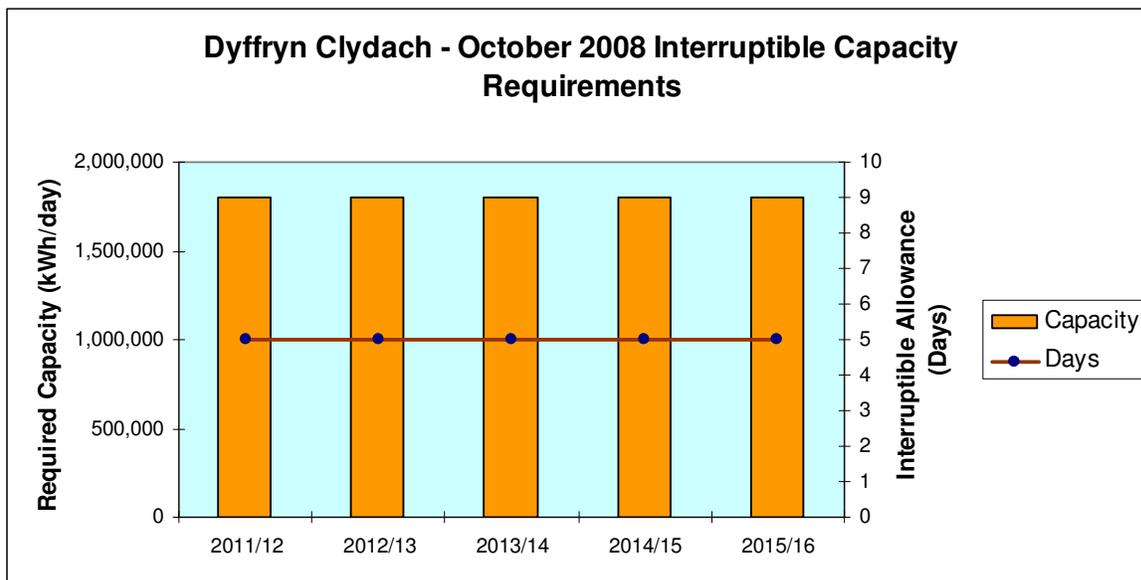
7 - Wales North Mid

Location ID	GT5081004				
Location Description	Wales North - Mid				
Postcode Boundaries (outcodes)	LL14 5*, SY16, SY21, SY23				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	10	10`	10	10	10
Aggregate Interruptible Capacity Quantity required (kWh / day)	700,000	700,000	700,000	700,000	700,000



8 - Dyffryn Clydach

Location ID	GT5082001				
Location Description	Dyffryn Clydach				
Postcode Boundaries (outcodes)	SA1, SA10, SA11, SA12, SA13 1** , SA14, SA15, SA2, SA31, SA4, SA48, SA5, SA6, SA61, SA62, SA7				
Contract start date	1st Oct 2011	1st Oct 2012	1 st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	5	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000



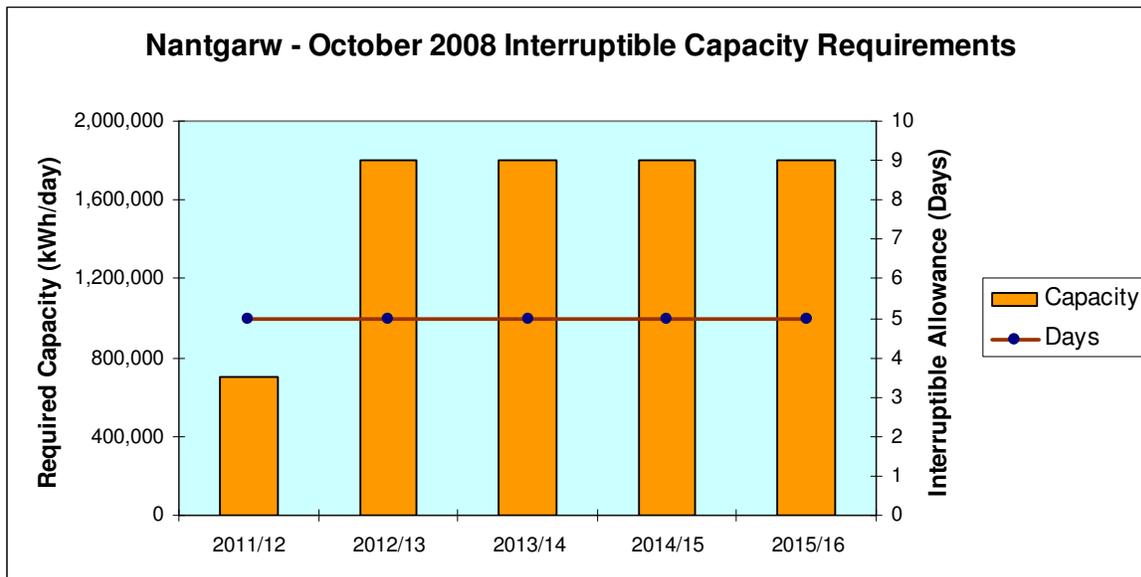
9 - Dowlais

Location ID	GT5082002
Location Description	Dowlais
Postcode Boundaries (outcodes)	CF31, CF32, CF33, CF34, CF35, CF40, CF44, CF47, CF48, CF72, CF81, NP23, SA13 2**

We are not publishing any Interruptible Capacity requirement for this Location Zone as part of the October 2008 ad-hoc interruption Invitation.

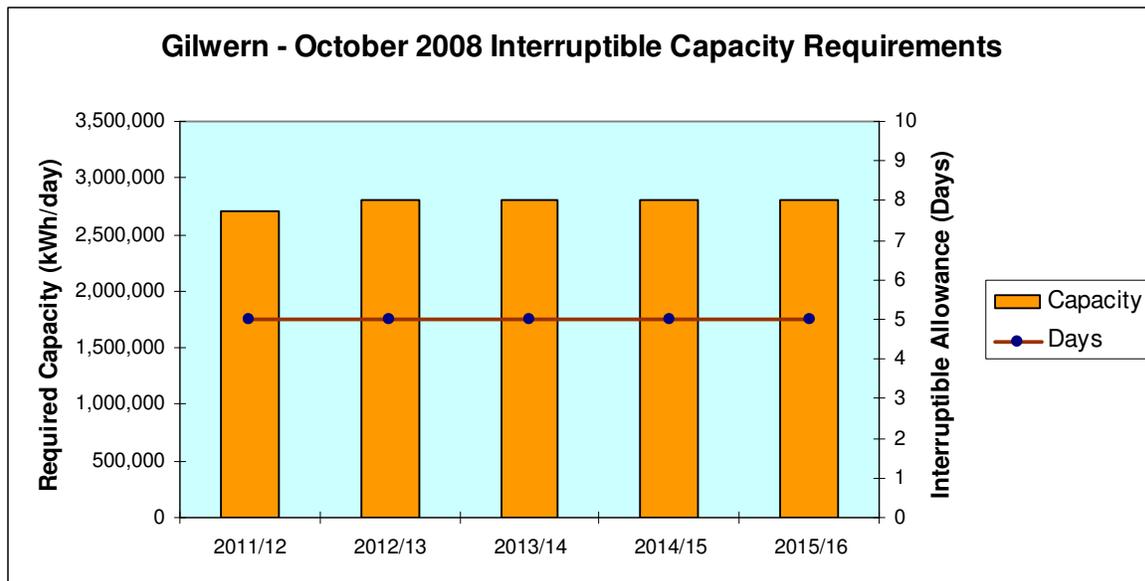
10 - Nantgarw

Location ID	GT5082003				
Location Description	Nantgarw				
Postcode Boundaries (outcodes)	CF10, CF11, CF14, CF15, CF23, CF24, CF3, CF37, CF38, CF5, CF62, CF63, CF64, CF83				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	5	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	700,000	1,800,000	1,800,000	1,800,000	1,800,000



11 - Gilwern

Location ID	GT5082004				
Location Description	Gilwern				
Postcode Boundaries (outcodes)	LD3, NP10, NP11, NP12, NP13, NP15, NP16, NP18, NP19, NP20, NP22, NP25, NP26, NP4, NP44, NP7, NP9				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	5	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	2,700,000	2,800,000	2,800,000	2,800,000	2,800,000



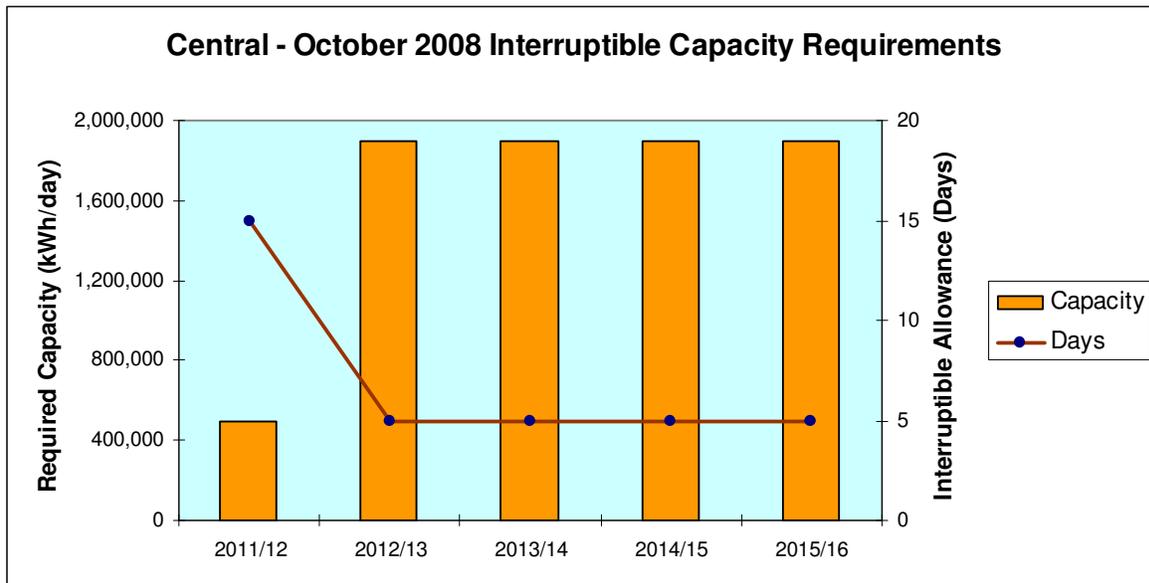
12 - Northern

Location ID	GT5083001
Location Description	Northern
Postcode Boundaries (outcodes)	BA1, BA2, BS1, BS10, BS11, BS12, BS16, BS18, BS2, BS20, BS22, BS23, BS24, BS25, BS27, BS32, BS34, BS35, BS37, BS40, BS5, BS7, BS8, GL1, GL10, GL11, GL12, GL13, GL14, GL15, GL16, GL2, GL20, GL3, GL4, GL5, GL51, GL52, GL53, GL54, GL56, GL7, HR9, OX18, SN1, SN2, SN3, SN5, SN6, SN8, TA5, WR10, WR11, WR12

We are not publishing any Interruptible Capacity requirement for this Location Zone as part of the October 2008 ad-hoc interruption Invitation.

11 - Central

Location ID	GT5083002				
Location Description	Central				
Postcode Boundaries (outcodes)	BA10, BA12, BA13, BA14, BA16, BA20, BA21, BA3, BA4, BA5, BA7, BS14, BS3, BS30, BS31, BS4, SN10, SN12, SN13, SN14, SN15, TA1, TA2, TA20, TA23, TA24, TA3, TA6, TA7				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	15	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	500,000	1,900,000	1,900,000	1,900,000	1,900,000



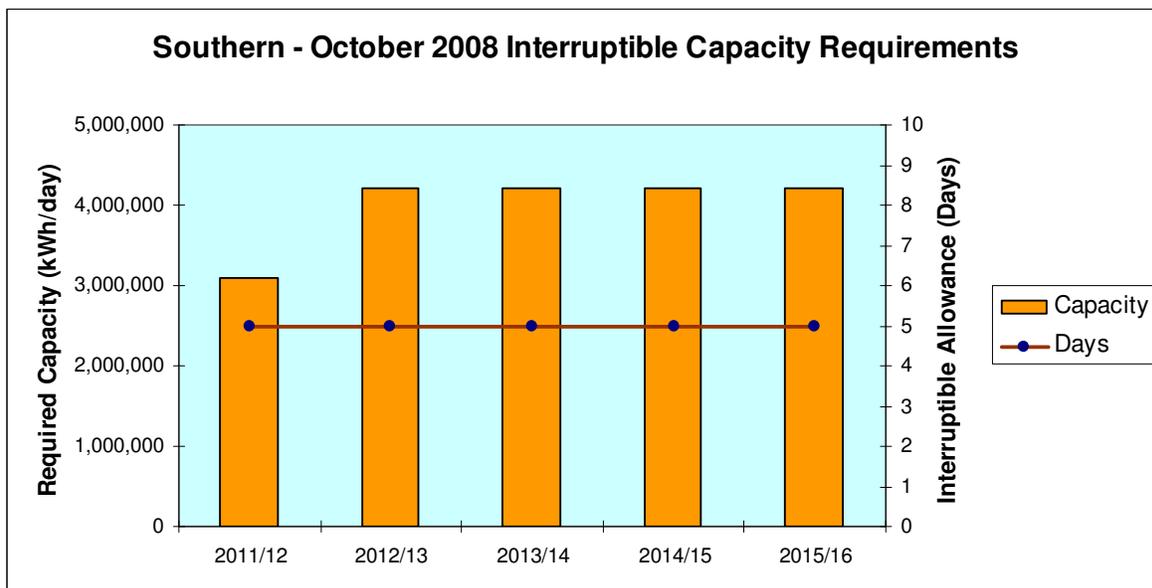
12 - Aylesbeare

Location ID	GT5083003
Location Description	Aylesbeare
Postcode Boundaries (outcodes)	EX1 3** , EX13, EX14, EX15, EX16, EX2 7** , EX20, EX24, EX31, EX32, EX33, EX36, EX38, EX4 8** , EX5, EX8

We are not publishing any Interruptible Capacity requirement for this Location Zone as part of the October 2008 ad-hoc interruption Invitation.

13 - Southern

Location ID	GT5083004				
Location Description	Southern				
Postcode Boundaries (outcodes)	EX1 2**, EX2 5**, EX2 8**, EX4 4**, EX4 5**, PL1, PL11, PL14, PL15, PL17, PL2, PL21, PL24, PL25, PL26, PL31, PL4, PL5, PL6, PL7, PL8, TQ1, TQ11, TQ12, TQ2, TQ4, TQ5, TQ6, TQ9, TR1, TR12, TR15, TR8				
Contract start date	1st Oct 2011	1st Oct 2012	1st Oct 2013	1st Oct 2014	1st Oct 2015
Contract end date	30th Sept 2012	30th Sept 2013	30th Sept 2014	30th Sept 2015	30th Sept 2016
Minimum number of interruptible days to be Offered	1	1	1	1	1
Maximum number of interruptible days to be Offered	5	5	5	5	5
Aggregate Interruptible Capacity Quantity required (kWh / day)	3,100,000	4,200,000	4,200,000	4,200,000	4,200,000



14 - Further Enquiries

If you require any further information please contact the Commercial Services Team

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