

DATA COLLECTION FORM

Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

Section 1 – Customer details

This is a correspondence address; enter site address in Section 2

Title:	First Name:	Last Name:
Company (if applicable):	Company Registered Number (if applicable):	
Property name/number:		
Street:	Town:	
City:	Postcode:	
Daytime Telephone:	Mobile:	
Email address:	Fax number:	

Section 2 – Site details

Site details for the location of the connection(s)

Site name/number/plot number(s):	
Street:	Town:
City:	Postcode:
Adjacent property address (if this will help us locate your site):	

Section 3 – Representative details

Nominate a representative – contractor, supplier or agent – to act on your behalf (if applicable)

Title:	First Name:	Last Name:
Company (if applicable):	Company Registered Number (if applicable):	
Property name/number:		
Street:	Town:	
City:	Postcode:	
Daytime Telephone:	Mobile:	
Email address:	Fax number:	

Section 4 – Type of connection(s) required

<input type="checkbox"/> New connection	<input type="checkbox"/> Additional or amended load (proceed to Section 4.2)
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Section 4.1 – New connection further details

<input type="checkbox"/> Domestic premises	<input type="checkbox"/> Commercial premises	<input type="checkbox"/> Industrial premises
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4.1.1	Number of connections required:
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Section 4.2 – Power requirement

If you have more than five connections please provide more details in Section 10.

4.2.1	Connection 1	Existing maximum demand (kVA):	Required maximum demand/import capacity (kVA):
4.2.2	Connection 2	Existing maximum demand (kVA):	Required maximum demand/import capacity (kVA):
4.2.3	Connection 3	Existing maximum demand (kVA):	Required maximum demand/import capacity (kVA):
4.2.4	Connection 4	Existing maximum demand (kVA):	Required maximum demand/import capacity (kVA):
4.2.5	Connection 5	Existing maximum demand (kVA):	Required maximum demand/import capacity (kVA):

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If your site has existing connections please provide the 13 digit MPAN (Meter Point Administration Number) of each. If you have more than five connections please provide more details in Section 10.

Section 6 – Generation

If the option below applies then please complete Section 6.1.

If the option below applies then please complete Section 6.1.

Section 6.1 – Generation capacity requirement

If you have more than five connections please provide more details in Section 10.

¹ Aggregate kVA rating of all the electrical energy sources including storage.

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Section 7 – Non-linear (harmonic) electrical load details

If any of the options below apply then please complete Section 7.1.

<input type="checkbox"/> Converter(s) ²	<input type="checkbox"/> AC Regulator(s)	<input type="checkbox"/> Heat Pump(s)	<input type="checkbox"/> Electric Vehicle Charge-point(s)
<input type="checkbox"/> Other (please specify)			

Section 7.1 – Further Details – Summary

7.1.1 Convertors (including Electric Vehicle Charge-points with DC output)

7.1.1.1	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.1.2	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.1.3	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.1.4	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.1.5	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:

7.1.2 AC Regulators³

7.1.2.1	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.2.2	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:

7.1.3 Heat Pumps

7.1.3.1	Whole system	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.1.1	Compressor 1	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.1.2	Compressor 2	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.1.3	Boost	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.1.4	Back-up	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.2	Whole system	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.2.1	Compressor 1	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.2.2	Compressor 2	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.2.3	Boost	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.3.2.4	Back-up	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:

7.1.4 Electric Vehicle Charge-points with AC output only (i.e. no DC output)

7.1.4.1	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.4.2	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.4.3	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.4.4	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:
7.1.4.5	Rating (kVA):	Phases (1/2/3):	Voltage (V):	Make:	Model:

Also complete section 7.1A, 7.1B, 7.1C or 7.2A, as appropriate

² Rectifier, AC-DC and AC-AC equipment. For example, uninterruptible power supplies, electric vehicle chargers with DC output, motor variable speed drives, active front-end (AFE)/infeed convertors with line filter to IEC TS 62578, DC welders and high-frequency induction furnaces.

³ For example, thyristor heating/lighting control.

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Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

Section 7.1A – Compliance statement⁴ – LV equipment rated ≤16A

...continued from section 7.1

7.1A.1 Convertors (including Electric Vehicle Charge-points with DC output)

Item 7.1.1.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.1.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.1.3 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.1.4 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.1.5 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C

7.1A.2 AC Regulators

Item 7.1.2.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.2.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C

7.1A.3 Heat Pumps

Item 7.1.3.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.1.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.1.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.1.3 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.1.4 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.2.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.2.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.2.3 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.3.2.4 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C

7.1A.4 Electric Vehicle Charge-points with AC output only (i.e. no DC output)

Item 7.1.4.1 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.4.2 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.4.3 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.4.4 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C
Item 7.1.4.5 from 7.1	<input type="checkbox"/> IEC 61000-3-2 compliant	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-2 non-compliant – complete Section 7.1C

⁴ Refer to equipment manufacturer.

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Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

Section 7.1B – Compliance statement⁵ – LV equipment rated >16A and ≤75A

...continued from section 7.1

7.1B.1 Convertors (including Electric Vehicle Charge-points with DC output)

Item 7.1.1.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.1.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.1.3 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.1.4 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.1.5 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C

7.1B.2 AC Regulators

Item 7.1.2.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.2.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C

7.1B.3 Heat Pumps

Item 7.1.3.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.1.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.1.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.1.3 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.1.4 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.2.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.2.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.2.3 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.3.2.4 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C

7.1B.4 Electric Vehicle Charge-points with AC output only (i.e. no DC output)

Item 7.1.4.1 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.4.2 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.4.3 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.4.4 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C
Item 7.1.4.5 from 7.1	<input type="checkbox"/> IEC 61000-3-12 compliant	<input type="checkbox"/> IEC 61000-3-12 compliant subject to $S_{SC\ Min}$ (kVA):	<input type="checkbox"/> Confirm EC Declaration of Conformity attached	<input type="checkbox"/> IEC 61000-3-12 non-compliant – complete Section 7.1C

Also complete section 7.1B.5 or attach EMC test report for each item

⁵ Refer to equipment manufacturer.

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Section 7.1B.5 – Harmonic current emissions from EMC test report⁶
Complete a separate sheet for each item listed in 7.1B with an IEC 61000-3-12 compliance statement

Item:	from 7.1B	Rating (kVA):	Rating (A):	Phases (1/2/3):	Rated Voltage (V):	Make:	Model:
Test/simulation results to IEC 61000-3-12							
Voltage (V):	Current (A):		Power (W):		Power factor:	Reference current I _{ref} (A):	
Minimum short-circuit ratio, R _{SCE} :				Minimum short-circuit power, S _{SC} :			
Harmonic current emission							
	L1		L2		L3		
THD (%)							
THC (A)							
PWHC (A)							
Harmonic current emission (A)							
	L1		L2		L3		
Order							
1							
2							
3							
4							
5							
6							
7							
8							
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⁶ Refer to equipment manufacturer.

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Section 7.1C – Equipment technology statement – LV equipment rated >75A or rated ≤75A and non-compliant with IEC 61000-3-2 and IEC 61000-3-12 ...continued from section 7.1

7.1C.1 Convertors (including Electric Vehicle Charge-points with DC output)

Item 7.1.1.1 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor	<input type="checkbox"/> 1-phase rectifier
Item 7.1.1.2 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor	<input type="checkbox"/> 1-phase rectifier
Item 7.1.1.3 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor	<input type="checkbox"/> 1-phase rectifier
Item 7.1.1.4 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor	<input type="checkbox"/> 1-phase rectifier
Item 7.1.1.5 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> front-end convertor	<input type="checkbox"/> 1-phase rectifier

Also complete section 7.2C.1 for each item to permit an EREC Stage 2C assessment

Section 7.2A – Equipment technology statement – HV Point of Common Coupling

...continued from section 7.1

Complete this section if it is known that the connection will have a High Voltage (HV) connection or a Low Voltage (LV) connection with an HV Point of Common Coupling⁷

7.2A.1 Convertors (including Electric Vehicle Charge-points with DC output)

Item 7.1.1.1 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor
Item 7.1.1.2 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor
Item 7.1.1.3 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor
Item 7.1.1.4 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor
Item 7.1.1.5 from 7.1	<input type="checkbox"/> 6-pulse	<input type="checkbox"/> 12-pulse	<input type="checkbox"/> Active front-end convertor

Also complete section 7.2C.2 for each item to permit an EREC Stage 2C assessment

⁷ Point of Common Coupling (PCC) is the point in the public supply system, electrically nearest to a Customer's installation, at which other Customers' loads are, or may be, connected.

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If interharmonic emissions are present then also complete 7.2.C.1.1

Item:	from 7.1	Rating (kVA):	Rating (A):	Phases (1/2/3):	Voltage (V):	Make:	Model:
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	Harmonic current emission (%)																													
Power level	10%			20%			30%			40%			50%			60%			70%			80%			90%			100%		
THD																														
	Harmonic current emission (A)																													
Power level	10%			20%			30%			40%			50%			60%			70%			80%			90%			100%		
Line	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Order																														
1																														
2																														
3																														
4																														
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Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

Complete a separate sheet for each item listed in 7.1C

Item:	from 7.1	Rating (kVA):	Rating (A):	Phases (1/2/3):	Voltage (V):	Make:	Model:
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[illegible][illegible]

Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

If interharmonic emissions are present then also complete 7.2.C.2.1

[illegible]

DATA COLLECTION FORM

Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

[illegible]

Proposed Connection: Non-linear (Harmonic/Interharmonic)/Resonant Plant & Equipment

Complete a separate sheet for each item listed in 7.2C

Item:	from 7.1	Rating (kVA):	Rating (A):	Phases (1/2/3):	Voltage (V):	Make:	Model:
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[illegible]

	Interharmonic group current emission (A)																										
Power level	10%			10%			10%			10%			10%			10%			10%			10%			10%		
Line	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Interharmonic group frequency (Hz)																											

Data Collection Form:

Proposed Connection of Non-linear (Harmonic) and Resonant Plant and Equipment

Section 8 – Resonant plant details

If any of the options below apply then please complete Section 8.1

☐ Capacitor(s) ☐ Other (please specify)

Section 8.1 – Further Details

8.1.1 Capacitors

8.1.1.1 Aggregate Rating (kVA):

8.1.2 Other⁸

8.1.2.1 Shunt capacitance (kVA):

8.1.3 Static part of active power demand

8.1.3.1 P_s (kVA):

Section 9 – Declaration

☐ I confirm I have completed all sections which are relevant to my connection.

Note: to prevent your proposed connection from being delayed, please ensure you have provided all the required information.

Print Name

Signature

Company

Date

⁸ Cable capacitance, if significant.

Data Collection Form:
Proposed Connection of Non-linear (Harmonic) and Resonant Plant and Equipment

Section 10 – Additional Information
Please provide any additional information that may be relevant.

Data Collection Form:

Proposed Connection of Non-linear (Harmonic) and Resonant Plant and Equipment