UKCCS EMF External Sources Questionnaire: Page 1	Identifying Number Region Case No.
I To be completed by the UKCCS: Details of House	sehold / School
Phase I Measurement	Year of Interest
Day Month Year	Day Month Year
Date:	From:
Time: Hours Minutes to Hours Minutes Please use 24 hour clock Start Time Hours Minutes Hours Minutes Please use 24 hour clock Two Hours Later	To: Day Month Year
Regional UKCCS Contact: Dr. Anthony Staines, LRF Centre 17 Springfield Mount, Leeds LS2	
Address of Interest: Home / School (circle as appropriate) If school, type of me	easurement: Single / Multiple Classroom (circle as appropriate)
If single classrom, to of its location been	
	Postcode:
Grid Reference: 100 km (to 10m) Grid Square Easting	OS Map Sheet No. (1:50 000 series)
Regional Electricity Company:	
Date form sent to REC Day Month Year Date returned by REC Day Month	Year Date copy Sent to NRPB Day Month Year
National Grid Company Circuits:	
By referring to the 1:50 000 OS Maps supplied by the NGC, lines and underground cables, please indicate whether the add	which are overprinted with NGC overhead lress is:
1) Within 400m (8 mm on the map) of an NGC overhead line	Please tick: Yes No Don't Know
2) Within 100m (2 mm on the map) of an NGC underground ca	ble
3) Was a NGC line or cable identified by the REC on page 4?	Please tick: Yes No Don't Know
If yes to 1), 2) or 3) above then: please send a copy of the NGC NGC, St. Catherine's Lodge, Bearwood Road, Sindlesham, Nr Wo	form to the NGC contact (Nigel Simmonds,
Form sent to National Grid Company?	Please tick: Yes No Don't

UKCCS EMF	External Sources Questionnaire: Page 2 Identifying Number A / B
II To be d	completed by the REC: Details of External Sources
REC Contact:	
This section is Whether the phase distriction of the phase distriction.	s used to determine: nere were any external sources (substations, underground cables, overhead lines or three ibution circuits) of interest near the address. ner they were operating typically at Phase I measurement and during the year of interest.
Unless otherw school measu classroom.	rise stated, all distances are to the centre of the home / school. BUT, for single classroom rements with sketch map attached (see p1), please measure distances to the centre of that
	mere anything unusual about the local network, which might have measurements unrepresentative? Please tick: Yes No Don't Know
lf yes, please	
<i>Substations:</i> D within 20m of t	Ouring Phase I measurement, was there an operating substation Please tick: Yes No Don't Know
If yes to subs	
Was the	substation operating typically throughout the year of interest? Please tick: Yes No Don't Know
Distance	(metres) from nearest point of substation to the centre of home / school / classroom:
Primary Voltage (Circuits: Underground / Overhead (Please circle) Circuits: Underground / Overhead Voltage (kV) Circuits: Underground / Overhead (Please circle)
Separated Pha	ase Underground Cables (33 kV and above):
Most undergro	und cables have conductors bundled together. We want only those with separated phases. I measurement or at any time during the year of interest,
were there any	/ separated-phase REC cables of ≥ 33 kV within 20m
If yes, please Please note th	complete for each circuit: at all measured distances are of closest horizontal approach to centre-line of cable route.
Cable Circuit 1	Distance from residence (m) *Cable outage at Phase I date & time? Yes No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
Voltage (kV): 33 / 66 / 132	Date if cable was added Date if cable permanently during the year of interest: Date if cable permanently disconnected in year of interest:
Cable Circuit 2	Distance from residence (m) Phase I date & time? Yes No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
Voltage (kV): 33 / 66 / 132	Date if cable was added disconnected in year of interest:

Region

Where there is more than one public circuit propert Circuit 1 is the one closer to the address

UKCCS EMF External Sources Questionnaire: Page 3 Identifying Number I
REC High Voltage Overhead Lines: During Phase I measurement or at any time during the year of interest, were there any high voltage REC overhead Please tick: Yes No Don't
during the year of interest, were there any high voltage REC overhead Please tick: Yes No Don't
lines within the following distances of the school / home? 132 or 66 kV design-rated at > 1200 A within 200 m 11 or 33 kV double circuit within 80 m
" 600 - 1200 A within 140 m or " single circuit within 50 m < 600 A within 100 m
yes, please complete for each circuit: Please note that all measured distances are of closest horizontal approach to centre-line of overhead line.
Line A Circuit 1 Dist (m) from residence OH line outage at Phase I date & time? Yes No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
Rating (A): Rating (A): Compared to the sear of interest: Date if cable permanently disconnected in year of interest: Date if cable permanently disconnected in year of interest:
Line A Circuit 2 Dist (m) from residence OH line outage at Phase I date & time? Yes No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
Rating (A): Once of the sear of interest: Date if circuit was added during the year of interest: Date if cable permanently disconnected in year of interest:
Line B Circuit 1 Dist (m) from residence Dist (m) from Phase I date & time? Vess No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
coltage (kV): 3 / 66 / 132 Rating (A): 600 / 600-1200 / Rating the year of interest: Date if cable permanently disconnected in year of interest:
Line B Circuit 2 Dist (m) from residence OH line outage at Phase I date & time? Yes No NK Estimate of total outage (in weeks) over year of interest if ≥ 4 weeks (within 4 wks)
oltage (kV): 3 / 66 / 132 Rating (A): 600 / 600-1200 / Bate if circuit was added during the year of interest: Date if cable permanently disconnected in year of interest:
For double circuit lines, Circuit 1 is the one closer to the address. If there are more than two overhead lines, please attach and complete a copy of this page.
ditional Information:

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UNCCS EIVIF EXTE	That Sources Questionnaire; Page	; 4 Identifying Name	Marie A/B
II To be com	pleted by the REC: Details of	External Sources (cor	nt.)
Additional Information	ation (cont.):		·
<u> </u>			
t and Mallage Theory	Dhana Distribution Circuita have		
	Phase Distribution Circuits, hous		
	_V distribution circuit within 2m of		ase tick: Yes No Don't
If yes:		(an an usina) O	Know
is the above (circuit overhead phase separated		ase tick: Yes No Don't Know
Is the above	circuit a mural (undereaves) attach	nment to the residence?	TO TO
		Plea	ase tick: Yes No Don't Know
Is the above	circuit feeding other houses on Ec	•	
			Know
	bvious reason (apart from E7/Whi a much higher average load_durii dav?		ase tick: Yes No Don't Know
If yes, please			
·			
	<u> </u>		
NGC Lines and Cal	Are there any National Grid within 400m of the home/so lines within 200 m, or cable	chool, or 132 kV Plea	ase tick: Yes No Don't Know
'f yes: Please note that al l	measured distances are of closes	st horizontal approach to	centre of lines.
10000 1100 1100 1100	Voltage		Distance From
Mary States	(circle as appropriate)		Residence (in metres)
Line / Cable	132 kV / 275 kV / 400 kV /	Other:	
Line / Cable	132 kV / 275 kV / 400 kV /	Other:	
Line / Cable	132 kV / 275 kV / 400 kV /	Other:	

UKCCS	EMF External	Sources Que	stionnaire: I	Page 5	[dentifyi	ng Number Region Cas	e No. A / E
III To	be complet	ed by the Ri	C: Line L	oad Data			:- <u></u>
If no RE	C underground	l cables or ove	rhead <u>lines</u>	were identifie	ed in Section	[], this section can	be ignored.
	* Establish	for which circune format of the	uits (if any) e data.	line load da	a are require	•	designed to -
If there v	vas more than	one line or ca	ble, then pl	ease compl	ete a separa	te copy of pages 5	5 and 6.
Type of o	circuit: Overh	nead Line / S	eparated P	hase Under	ground Cabl	e	
	If Ove	erhead Line:	. 1	1	44.4		
* .	Sta	andard tower t	ype (e.g. L	132, PL16, S	62, etc.)		
		nductor name: g. Lynx)				or Cross-section	al
	lf lie	ne does not ha				sketch showing rel position of residen	
	If Und	lerground cal	b le: (separa	te-phase ca	bles only)		
		ase supply a ases.	sketch sho	wing relative	location of	conductors, with	timensions and
Informat	ion Noodod fa	r I and Data	Docision				
intormat	ion Needed fo	r Load Data j	<u>Decision</u>			600 -	
⇒ Opera	ting voltage rati	ng (kV):		⇒ Design r (Please tid		< 600 1200	>1200
	ntal distance (om p.3)	m) from centre	e of address	s to centre-li	ne of cable	or overhead	
	If distance	between addi	ress and co	entre-line o	f the overhe	ad line route is <	20m:
	This can floor of the	(m) of lowest of be measured or the lowest normal is level (e.g. cabl	obtained from	n records. The level of the a	ne height shou	address. Id be given relative to the lowest conduction	o the tor is
Circuit Ph	<u>iasing:</u> (for dou	ıble circuit line	s or cables	only):			
	Please indic	ate Red, Yello	w and Blue	phasing: (t	op to bottom	or left to right)	
	Circuit 1:	R Y B	Y D B R	B R R Y	R B Y	Y B R Y B R	
	Circuit 2:	R N Y B	Y D B R	B R Y	R D B Y	Y B B	
	The line or cal	ble is transpose	d if the phas	e order for C	rcuit 1 is the e	exact reverse of the	order of Circuit 2
		/ cable transpo			and the second second	Please tick: Yes	No Don

UKC	CCS EN	/IF External S	ources Que	stionnaire:	Page 6		Identifyin	g Number	Region	Case I	10.	A
111	To b	e complete	d by the RI	EC: Line I	Load Da	ata (cont)					
L,oa	d Data	<u>Decision</u>	<u>-</u>			<u> </u>						
		ne whether id s page, whe					ng the i	nformatio	on m	arked	with a	"⇒'
ls th	e opera	ating voltage	less than 66	kV?				Please i	ick:	Yes	No	
An u	ındergr	ound cable v	hich does n	ot have se	parated _I	ohases?		Please t	ick:	Yes	No	
		d line, which i ng <600 A);	s <u>transposed</u> 80m (for 600-			di stance is r >1200 A)	more th	na n <i>Please t</i>	ick:	Yes	No	
		d line, <u>phasin</u> ting <600 A);					e is mo	re than Please t	ick:	Yes	No	
f yo	u have	answered "Y	es" to any of	f the above	e, line loa	id data are	not re	equired fo	or the	e line /	/ cable.	
		d data requir			-			Please t		Yes	No	
-	_	to lo ad da ta	-			.						
		ne/cable load and time?	data availat	le for the l	Phase i r	neasurem	ent	Please t	ick:	Yes	No	
:	Are lin	ne/cable load	data availat	ole for the y	year of ir	iterest?		Please ti	ick:	Yes	No	
		ne/cable load						Please ti		Yes	No .	
	* Note:	Load data for that are availa	the year of into ble. This is ad	erest are pre equate	ferred, but	it is accept	ed that d	ata for the	mos	recen	year mi	gnt
		Two files of containing of	ad data avai f data are r one year's d oly them as f	needed: or ata (either	ne for th the year	e time of of interes	Phase st or the	I measi e most re	urem cent	ent, a year)	and the	ot ssit
		Disks toHalf houOne fileIf the loa	SCII file on a be labelled vily measurer ine per mea discurrents in rent is not averted.	vith REC n nent intervisurement i the circuit vailable, th	ame & thals are s nterval, e (s) are a en MW i	ufficient. each line b vailable, th s required	eing id nen no d and, if	entified bother qua	y the antity , MV	e date is ne ar an	and tin eded. d Voltag	ne. ge.
		Phase I:		me:							e of de	-
		Descrip	tion of each f	ield on a lin	e of data	! <u> </u>						