

# TRANSCRIPT\_YORKSHIREGREEN\_ISH\_SESSION1\_230332

Thu, Mar 23, 2023 12:26PM • 1:47:39

00:00

Good

00:14

morning, everybody. It's now 10 o'clock and time for this hearing to begin. Before we go any further, can I just confirm that everybody in the room can hear me clearly? I'm getting lots of nods. That's good. And could I confirm just with Miss Hanlon that the live streaming and live recording of the event has commenced. Fantastic. Okay, then I'd like to welcome you all to this issue specific hearing one on the scope of the proposed development and the draft development consent order in relation to the application made by national grid electricity transmission limited for the Yorkshire green energy enablement project which we will refer to as Yorkshire green. My name is Jessica Powis. I've been appointed by the Secretary of State to be the lead member of the panel to examine this application. I'm now going to ask my fellow panel members to introduce themselves starting with Mr. Jones, who's joining us remotely today.

01:05

Good morning, everybody. My name is Gavin Jones. I'm a chartered town planner and a planning inspector and I've also been appointed on to this panel.

01:13

Good morning. My name is Annie Coombs. And I'm also an examining inspector and I've been appointed to this panel.

01:21

Together we constitute the examining authority and our role is to examine the application and to report to the Secretary of State for energy security and net zero with a recommendation as to whether or not the development consent order should be made. The proposed development is described in the application as comprising a new electricity substation at over at Overton together with new overhead lines of 400 kV and 275 kV and cables ceiling and compounds. Also included as the removal of existing 275 KV overhead line. The realignment and refurbishment of existing overhead line in the areas of northwest of New York Poppleton Tadcaster and monk fryston. To new cable ceiling and compounds are proposed at Tadcaster, along with a new electricity substation that monk fryston and realignment of 275 kV and 400 KV overhead lines in this location.

02:13

The planning inspectorates case manager for this application is Paige Hanlon. And she's been supported here today by Case Officer Jennifer Savage, and they're both over to my right. Caroline Hopewell is providing support remotely and those joining us virtually will have met Carolina in the arrangements conference. So please don't hesitate to talk to a member of the case team should you need any help today.

02:32

Before we go any further, I'll just deal with a few housekeeping matters for those attending in person. Please get everybody set all phones and devices to silent for the duration of the hearing. The toilets are located past reception and just adjacent to the lift lobby. And we're not aware of any fire alarm tests today. So in the event of an fire alarm, then please exit the building through the reception area and congregate in the carpark at the front of the building.

02:59

And then I'll just deal with a few preliminary matters before we move into the substance of today's agenda. So today's hearing is being undertaken in a hybrid way, meaning that some participants are present with us in the hearing venue in your care. And some are joining us virtually via Microsoft Teams. And we'll make sure that however you've decided to participate today, you will be given a fair opportunity to make your views known. If you are participating virtually and you wish to speak at any point in the proceedings, please use the raised hand function and we'll invite you to speak at the appropriate time. If that doesn't work, then just please turn on your camera so that we can see that you wish to speak and we'll bring you in.

03:37

There the hearing is being both live streamed and recorded and the recording will be available on the Yorkshire green page of the national infrastructure website shortly after this hearing. And so for the benefit of the recording, please everybody present please ensure you speak clearly into a microphone whenever you speak. And also introduce yourself by name before every time you speak because it really helps us with the recording for anyone catching up later.

04:02

For those people observing or participating remotely because you just minimize background noise by staying muted unless you need to speak.

04:11

A link to the planning Inspectorate privacy notice was provided in the notification for this hearing. And we assume that everybody here today will have familiarize themselves with that document, which establishes how the personal data of our customers is handled in accordance with the principles set out in data protection laws. Please speak to the case team. If you have any questions about this. As we said yesterday, it's very unlikely that the panel will ask you to put any sensitive personal information into the public domain. And we would encourage you not to do that. However, if you feel it's necessary to refer to information that you would otherwise wish to be kept private and confidential, that could be submitted in a written format and then we can redact it before it's published. So again, please speak to

the case team about the best way forward to do this. And in this vein, specifically related to this hearing, I'd mentioned that if you want to tell us something about where you live today, because it's real

05:00

Have you have to say, then please just give us a general location without mentioning any specific addresses because that does form personal information.

05:08

Okay, so the examination of this application commenced yesterday. And we held an open floor hearing yesterday afternoon in which we had a number of interested parties put their points to us. And I understand now that the list of actions from that hearing have now been published on our website. And the recording of that event will be published like later today or tomorrow at the latest. And so today's issue specific hearing will follow the agenda published on the second of March 2023. If you have a copy to hand, it would be helpful. I know that the case team had some spare copies. So if anybody doesn't have one and would like one, then I'm actually would you like to indicate now if there is anybody in that, in that camp, everybody looks well prepared?

05:50

Could I ask that the agenda is just displayed on screen at this point.

05:55

Thank you. So it's quite a long and detailed agenda. And it's but essentially the hearings in two parts. The first part is relates to the scope of the proposed development, that's item three. And it's just a chance for us to pick up any points of clarification about the project itself. And the second then gets into the provisions of the draft development consent order item four. And that's where we will go through in more detail certain provisions of the of the draft development consent order.

06:21

The agenda is for guidance only. And we may add other considerations or issues as we progress. And we may also have to take some things out if time starts to get tight, I suspect, we may have to put some things into writing if we don't cover it all today.

06:35

We plan to break for lunch at around 120 today. And we'll also take a short break mid morning and mid afternoon. We're aware that there's a minute's silence being observed today in connection with the national day of reflection. So that 12 o'clock that's that's due to take place. So what we'll do is take a slightly longer first session, and then we'll make sure our mid morning break falls over that that time period, and then we'll return. So the first session this morning is likely to be slightly longer than usual. And the second session was likely to be slightly shorter just to accommodate that.

07:05

When we take breaks, those of you participating virtually we'll need to ensure your cameras and microphones are turned off.

07:12

We will conclude this hearing as soon as all relevant contributions have been made. And all questions asked and responded to. As I've said, we may need to put some things into written questions. And likewise, if you can't answer all the questions being asked or you require time to get the information requested, then you can also indicate that you need to respond in writing it deadline one.

07:34

We are aware that there are several parties present who wish to speak on the agenda item of protective provisions,

07:40

which is scheduled 15 of the draft developing consent order and naturally being that at the end of the development center. That will fall towards the latter part of this hearing. But because we want to ensure that we cover this item, what we've decided is that we'll make sure if we haven't reached that point by the mid afternoon break, then we will we will come to it straight after mid afternoon break and move other items out of the way to uh to facilitate that because an input, it's important that we hear the parties who have made the time to attend today. So around after our mid afternoon break, which is normally around 3:45pm, then that's when we will start the debate on schedule 15. For anybody who if that helps. Turn to logistics for your day.

08:20

I'm now going to hand over we can take the agenda down now. Thank you. I'm going to hand over to Miss Coombs, who's going to ask our participants to introduce themselves. Thank you Miss Paris. I'm going to ask those of you who are participating in today's meeting to introduce yourselves. Could you introduce yourself stating your name and who you represent and let us know on which agenda item or items you wish to speak. If you're not representing an organization, just please confirm your name and summarize your interest in the application. And again confirm the agenda item on which you wish to speak. We'll start with the applicant first and its advisors on the flight yesterday. If you could get the members of the panel who are likely to make major contributions to introduce themselves that'd be helpful.

09:05

The morning my name is Richard tourney counsel instructed by Womble bond Dickinson, UK LLP on behalf of the applicant, national grid electricity transmission, PLC, I will let everyone else on the front row introduce themselves so you know who's going to speak and we're going to be covering the group you've currently got in front of you are going to be covering effectively, agenda item three. And when we move on to Item four, I'm going to sort of change the front table round a bit.

09:38

Maybe at that point, if you need to introduce new people, we could do that at the start of item four. Thank you. Okay.

09:44

Good morning. My name is Steve fall. I'm representing the engineering team on behalf of National Grid. I'll be contributing to mostly engine agenda items on three.

09:56

Morning, Bethany Kington National Grid, from the consent

10:00

Team, and I'll be contributing to agenda items 3.2 3.3 and 3.4.

10:08

Good morning. I'm Rachel demote from VSP on behalf of National Grid, have run the environmental impact assessment. I'll be contributing on agenda item 3.2.

10:22

Good morning. I'm Emma McDonald, Senior Project Manager for the upstream project for National Grid. I will be contributing in respect of Agenda Item four, but potentially in respect of Agenda Item three, if required.

10:35

I'm Tony lots from National Grid and the lands team. I'm not expecting to speak but just here in case anything comes up.

10:52

Excuse me, I was busy taking notes. I've got a record of people's names, though. Thank you now if we can move on to the organizations and individuals who have expressed a wish to speak. And again, if you can introduce yourself, tell us which hidden agenda item you wish to speak on. And

11:08

I'll start with those present in the room today, and first go to Mr. Baldry from the city of York Council.

11:17

Good morning, Mark Bolger from the city of York Council. We have an interest in item 3.1. And then item four in terms of the content of the DCM. Thank you very much.

11:35

And then, Miss wishlist speaking on behalf Philip Watson

11:43

Jonas

11:45

may speak on 3.3 if required.

11:52

And Mr. Ingram?

11:57

I'm Charles wait to have Charles wait and CO Chartered Surveyors acting on behalf of Mr. Ingram. I'm not sure whether I'm going to be speaking but I'm here to be listening, but may wish to speak about 3.3. Thank you. Thank you.

12:13

The gentleman next to me, Scotia. Is that Mr. Watson?

12:18

Yes. Thank you very much.

12:26

there anybody else present in the room who may wish to speak today? Who I haven't come to

12:34

not seeing any signs.

12:38

Then I'll move to those joining us virtually today, starting with the parties have informed us in advance that they would be participating, excuse me by virtual means. So I have Mr. Tucker and Miss summers from the canal and river trust. I don't know if that's two separate. You're not in the same room?

12:59

No.

13:01

Good morning, Inspector. Yes, my name is Simon circa from the camera of interest. And we wish to speak with regards to

13:09

part 4.2 Those with regards to article 54.

13:15

And Muslimahs. Good morning. I'm here with Simon to support mostly so mostly listening. Well.

13:23

Thank you. Thank you. And we may come to you on the protective provisions as well under shedule. Of course, thank you.

13:34

And

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I think now if I can come to Ms. Wimbush.

13:45

On behalf of Northern power grid. Hi, good morning.

13:49

I'm Felicity Wimbush. From wakemans. And I'll be representing Northern Powergrid. Both the Yorkshire PLC and the Northeast PLC. And it will be in relation to item 4.3. On the agenda and the protective provisions. Enjoy much. And do we also have Mr. FOSS Forster and Miss Morris? They're not attending at the moment. They may join later this afternoon. Thank you very much. Is there anyone else joining us virtually mishandle? And is there any

14:22

one else that I can see or mishandle and has confirmed? There isn't anyone else.

14:29

So to all our participants today for the purpose of recording, it'll be enormously beneficial to us if each time you speak throughout the hearing, you can state your name. And if you're representing someone who wishes that you represent, I'm not going to hand back to miss Paris who will cover agenda item two on our on our agenda.

14:48

Thank you very much. Before we do just move off item one I just mentioned the local authorities because all of the local hosts local authority so those are authorities in which the proposed development for

15:00

was on their land lands within their administrative areas. were invited to do today's hearing and that is the city of York Council Hambleton District Council, Harrogate Borough Council, Leeds City Council, North Yorkshire county council and Selby District Council. We have the city of York Council represented here today. We know that a number of the other councils have prior engagement with hearings for another national infrastructure project today. So they they've told us that they will take the approach of watching the recording of today's hearing. And then they have the opportunity to make any comments about the matters covered today in writing for deadline one, which is the fifth of April.

15:37

We'll also anticipate spending time on the draft element consent order in one or more of our future issues, specific hearings and any events. So the council's will of course be invited to participate in those events. There may be points in our agenda, where because obviously, we wrote the agenda inviting all parties in hopes that all of the council's would be represented. There may be areas where it's better for some of those matters to be put into writing just because we won't have the benefit of all of their involvement today.

16:04

Okay, so moving on to item two, then I'll just briefly explain the purpose of this issue specific hearing. I've already touched on this. But it's being held to address the matters and questions identified by the examining authority through our reading to date and our site inspections. I've talked about it being in the two main parts. Item three, where we're looking at the scope of the development is the purpose of holding this at this early point of the examination is just for us to bottom out any questions about the actual nature of works proposed, making sure we've got a good understanding of the way the development consent order, explains the proposed authorized works.

16:43

And so that's with reference to certain locations, which will come up under item three, but also sort of general points that might come up in the way that the authorized works are being described.

16:54

The second part of the hearing is a more traditional development, consent order based hearing.

17:01

Just a few words on that. So the draft development consent order is an important document the

17:07

in a normal planning sense, it would be like the planning permission. So it's a draft piece of legislation in the in our process, which means that if the secretary of state decides to grant development consent, the DCO, which we refer to is shorthand for the development consent order forms the legal basis for the delivery of that proposed development. So it sets the standards to which the development must be constructed. And it secures the environmental performance of the development. And that's why we spend a lot of time talking about it, because ultimately, at the end of the day, that is the the document that will guide the implementation of the proposed development. This hearing is being held on a without prejudice basis. So even if your position is that development, consent should not be granted. And the Secretary of State should not make the draft DCO. You can make representations in this hearing about the drafting of the DCO without conceding your wider position that it should not be made. And anybody parsing today can make comments about make comments that affect how the DCO is drafted. So for example, really great relating to requirements, we have a fair chunk of work to get through on the requirements requirements in a normal planning sense or planning conditions, so requirements set limits on

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the development to be consented.

18:24

It's important for the examining authority because we are under a duty to provide the Secretary of State with the best drafted development consent order that we can, even if we were to recommend that the Secretary the Secretary State that DCO should not be made. So that's because we don't decide these applications. We make recommendations to the secretary of state and they make the decision.



18:45

We are holding this hearing early in the examination in order to front load our consideration of the issues and to assist us in deciding what further issues specific hearings may need to be held later in the timetable. And this hearing will not examine the detailed content and provisions relating to compel compulsory acquisition of land or the rights or temporary Congress that temporary possession of land. We have in the timetables, some separate time put aside to talk about consult compulsory acquisition matters.

19:14

Does anybody have any questions or points are on any of the matters that I've just set out?

19:21

Not seeing any hands virtually either. In that case, we will move on to the substance of the hearing. And I'll pass it over to Miss Coombs for item three. Thank you.

19:30

Thank you Miss panels.

19:34

This section on overall scope is included for us to understand from the applicant more fully the difference differences in activities that will be covered by the descriptions of the post works. We're conscious that there's a lot to get through in this item and we have indicated indicated in the agenda that we expect all matters to be dealt with in around an hour. So I am going to ask the applicant to be quite focused in the contributions and

20:00

because we mustn't allow this item really to sort of eat into the time for the actual discussion on the DCO.

20:08

So we will move shortly to 3.1, which was the overall scope of the proposed development. But just to put a client point of clarification on the last bullet point, maybe save you a bit of time. We do understand from the project description figures, that the weather your delimits widen for bridge working areas crossing protections and access waves. So we weren't asking about that it was where those elements don't exist. So sometimes it's where there's a pylon that's turning that direction. So bits of explanation like that. And then in other cases, and I'll just give you an example which is on one sheet, which may be useful. pylons x, c,

20:52

435, and 436, which are on the same plan. I'm when you compare them one has a much wider swayed. So just to understand that, that specific that will be helpful. I just thought that might save you a bit of time in the description. But if we can turn it over to you now in terms of 3.1.

21:13

Richard Tony, for the applicant, thank you very much. That is helpful. So I'm going to ask Mr. Fowler still with this as the project engineer, I think we might show some plans on the screen to answer at least some of the questions and perhaps if we can start by looking at the works plan for the hospital work substation, and

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Mr. Fowler can describe why those works and necessary.

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Steve Fowler national grid,

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the US Baltic substation works are an integral part of the icecream project.

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In the current arrangement, we have a two ended circuit that runs between us Baltic, further north in the country, sorry, US border here and north and the north.

22:05

In the Yorkshire Green Project, the works that we're undertaking will mean that we're teeing off this circuit and creating a new substation over to that ultimately means that we have a three ended circuit which would be as Waldwick overturn a notton. And with the super good transformers that are required over to the substation a, that means there's a risk of something called feral residents. This is where temporary or voltage conditions can happen. So the spikes in voltage which can lead to overcurrent. And some of the substation equipment can then be damaged, and

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it can burn out. So the bolded works really is to install a circuit breaker and other equipment in automatic substation so that if this situation did occur, that we could switch out the circuit so that the substation equipment does not get damaged in that situation.

23:01

So without the substation works, it's the kind of project is it leaves it up into damage. So really, the oswaal its subsidiary where it's fundamental to the protection of the works in the substation.

23:15

It's very clear. Thank you.

23:20

Should we move think just move on, if anybody has any questions, sort of as they arrived, if they could just raise their hand, and we'll pick them up that way. Thank you, Richard, only for the applicant. Again, I'll hand over to Mr. Fowler, if he can continue to work through the rest of agenda item 3.1 is probably the best thing.

23:43

Steve Fowler national grid. So we conductor in his next agenda point. So I think you'll notice in the words plans on the way that we've described in Schedule One, there's a different number of different terms that are referred to in terms of re conductor and there's modification. And there's also rear realignment and reconfiguration. So the RE conductor in works they really comprise of where we are working on an existing Redline and we're replacing the conductor the existing conductor fittings and insulators on that red line and replacing it with a new set of conductors and fittings. So examples of that can be seen in kind of in sheduled, one on the works plans but really in Word number two, what number 678 and nine, will primarily in relation to the XC red line that currently runs between Poppleton and the Monoprice and substation. And the reason for the EB conductor in in this is because the archer green requires a larger rating requirement due to the overall kind of scheme needing to accommodate clean electricity coming from the north. So the existing conductor system isn't capable of accommodating that

25:00

Extra rates. And so we're replacing the wires on the existing towers with a twin conductor system. So that covers the most of the Axi

25:11

we conductor in sections. So we then have modification. So modification is mentioned in relation to the overhead line works and also to pile on worse, which I think is covered by a nother agenda item. So, I'll just cover the overhead line modification here.

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So,

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this really is only in relation to the works Tadcaster on the existing XD overhead line. So, we're not planning on re conducting those elements of work. However, in order to replace one of the towers on the X to have a line, we need to put the existing conductors into a temporary arrangement, which means taking off the existing line and moving it on to temporary structures. When we do that, and then we've replaced the tower, we then need to bring them back onto the existing overhead line on the modification was covers, getting the existing contractors that have gone back on that red line to the correct site intention so that we achieved statutory clearances. So there's no new works on the XD a redline is more making sure that the electrical clearances are achieved.

26:23

reconfiguration. So this is commonly referred to in the ES an application as realignment as well.

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So this happens is instances where we've got the existing line and that we are removing sections of the existing line and replacing it with new sections typically on the same alignment where we can, and there is some instances that you'll see and we'll cover in further points such as around the area of Section B and four and five, where we are slightly off the existence of redline.

27:00

Think that really covers realignment reconfiguration, unless there's any points any clarifying in there. I think Mr. Jones has a question. Yes, I do. Thank you, Miss Coombs, Mr. Farrell, adjusting in practical terms in terms of

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in terms of staff requirements, and V vehicle requirements, etc, to either re conductor or reconfigure between st two stretches of pylons. How many members of your workforce will that need? What vehicles

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will will be required? Will it be HGVs? Will I presume it'll be vehicles with a sort of a platform on them? What kind of time period are you looking at to go between say two or two or three pylons? And do you plan to do this work in in stretches moving from the north to the south or the size to the north? So if you could just give us a few more kind of practical details of how that will work in practice in terms of construction would be much appreciated. Thanks.

28:01

Steve our industrial good yes, no problem on that one. So for a reconstruction scheme, there will say a typical section which is usually between tension tension pylon that's how we string an overhead line.

28:16

A typical section would take around two weeks to string and that would really use typically between gangs for gangs were four to eight members in each gang with some required on the on the towers, some require that winch positions that will show more detail because these are the one of the areas that show where the odd limits or wider

28:39

winching positions are needed. So there'll be cranes, also a towers, there'll be requiring for hair shiji GVS, for deliveries.

28:48

And in terms of sequencing, the sequencing of this work is quite complex in this in this project because of the relation to the existence of Redline and the way that we need temporary alignments and a complex outage scheme. So there will be works happening at different sections of the projects, different at the same time. So there'll be elements of new build that will be undertaken where we can build. And then when the outages are allowed, we'll be able to string sections of the red line, where because an outage window is typically between April and October, this is going to have to happen over a number of years and number of seasons to be able to accommodate the amount of outages we need to do to undertake these works.

29:30

Hopefully that gives some clarity but happy to expand further if needed. Thank you, Mr. fella. Now, you've also preempted one of my questions about the need to leave the works and come back to the works at various times as well. I don't have anything else to add. So I'll revert back to my colleagues in the room by just pop in that I think we will come back to that whole matter about sequencing and we've already alluded to that and we're certainly Under Item four, we're going to talk a bit about

30:01

Let's talk about V. tensioning. I'm guessing from what you've just described that that would fall within we conduct triggers, is that sort of another word for the same activity or they fall on National Grid? It does. And it also relates to the areas where we've talked around modification in terms of making sure that the conductor's are at the right tension. So

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it will happen across a project but then typically a while at the XD I've read line. Thank you.

30:31

So perhaps could you just pick up on the fine I mean, you did cover about the the winching equipment in terms of the widening areas, but is that the only

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So will there always be a tension pile on where the order limits widen?

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So the way that we've drafted these order limits and developed it is that all of the tension pylons, we've allowed a winch in position where it's feasible, this then allows us to be able to develop a scheme and pull it in the most

31:00

coordinated manner and gives our contractor opportunity to develop the project, how they would undertake it. So the starting point for this is that we allow for a pull in position, every tension pile on.

31:14

Okay, so what I'm be able to tell, which are the tension pylons, other than from the works plans, other than from the widening of the order limits?

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Steve, I should grid? Yes, because the tension pylons, also the ones that are shortchanging directly?

31:33

So from what you've just said, as well, sorry, just the whole thing is, is it fair to say that in some places, you've you've used a wider water limits in order to allow an element of flexibility of in terms of the actual way that the contractors construct? That's correct, yeah. We've allowed the contractors to be able to design and build a project, and left open to whichever contractor that gets these works and will build a rich TV app. Just to add, I think, we do need those wintering positions, the flexibility is that the precise

identification of which pylons, those wintering positions will be at is not being determined in our draft order and related plans.

32:12

But do you think we could just look at

32:16

a s 17 section see sheet three of 12. And that's got I think that's the one with the two pylons that I mentioned previously, which is SC 435, and 436. Um, I haven't got those drawings with me at the moment. But there there seem to be a widening around a pylon that isn't changing direction.

32:48

So if you compare 436, I'm the there's no widening of the order limits. And if you look at 435, which is above, then I can see that there's the green shading, which is the the scaffold crossing, but below south of the green shading Ben just queering. Why that's needed.

33:08

The Fallen ash grid apologist, this is probably the only instance across this line where this pile on is a tension pylon, but it's not changing direction. In long sections of overhead line were between tension pylons, it may be necessary to have a tension pile on because the span length is too long to be able to pull the conductor and that the section men need attention pile on mid between the two larger attention directions so that we can string those lines between those. I think this is an inline tension type pylon where we would use for stringing but it isn't changing direction. Though back to my earlier question, Would I be able to tell that that was the inline tension pylon other than from the auto limit? You went stiff? I agree you would if you were to be able to look at the pile on itself. So but from the drawings, drawings, possibly not know and we bought however, we we could look to clarify that. I'm just thinking I had from ca point of view that if I'm either clarification on the drawings or a list of inline tension pilots, if that could be an action that would be really helpful. Yeah, that's okay. I think on the drawings, anything that has the wider the sheriff has shown as a string and position is that is around attention pile on but we can look at providing a list of all of this.

34:32

Thank you. And if by deadline one if possible, we'll do that. Thank you

34:45

I'm just wondering if anybody in the room has got any questions on this point?

34:51

Nope. And any questions online? No, no questions online. So I'm

34:59

I think I play

35:00

can hand over to Miss Paris now for the next item.

35:04

Thank you that was very useful. So 3.2 on our agenda looks in particular at an area where work number six is proposed, which is to the southeast of more Monckton. And this is an area that we've walked around as part of our site inspections. So we're looking at works plan is D, five, and it's B five, sorry, B five.

35:28

We're asking there for more detailed explanation of that work number six, which is

35:33

asked you to take that through in a moment. Before I do, I will just flag our agenda mentioned, veteran tree t 144. That's an error. So we don't expect you to take us to that we.

35:44

But the other bullet points, if you could please talk us through the information we've requested. Thank you,

35:50

Steve, for our national grid. So I know the agenda and mentioned sheets four and five. That doesn't cover all of work. Number six until but I will concentrate on the elements on foreign five. Okay, I can explain the reason why we're asking this is because obviously, we've got a new section of line here that joins into an existing section. And we're asking about the way that that line turns the corner. So the fact that it's a realignment that takes it doesn't use the existing alignment. It's a new alignment to the south. So that's the bit we're interested in why how that decision was arrived at with that helps to focus. Thank you, Steve, for that. Sure. Yeah, so I'll just give you a quick run through of what we've got in that area. So obviously, we've got a new section of wind coming in from the Northeast from the substation. Yes, so can we put cheap bore on if possible.

36:42

So that's connecting in at XC 42, which point it joins the existing or the alignment of the existing XCP, or redline, that you're in some

36:53

current puppets and substation to modify stuff. So what is happening here is that we are dismantling the XCP from SP seven which is over to to the east, which can be seen on the sheet all the way through to xe four to nine, which is on sheet five. And the realignment on replacement is we are reconstructing a new over line on the same alignment as the existing X EPF outline here. However, this deviates slightly on sheet five if we could just move to that sheet pot. So what we've done in this instance, is there was an opportunity in this area because the XCP x c 4280, which is a large angle tower to the north near Marmont. And there was an opportunity here to realign these works to the south, which ultimately led to a net loss of a pylon in these areas. And it also moved the alignment further away from for more Monckton. So, when we were designing and looking at the development of

this overhead line that was a consideration is in this areas to reduce the overall number of pylons and take the large angle away from Monckton, for for us to be able to construct the works on the long line section,

38:15

we require a temporary overhead line to take a circuit to the north so that we can safely construct the works on the on the on the line. And then at normal turn, there's a temporary of alignment as well. So where we connect into the sea of red line, we need the clear working area to be able to build that pylon, which on the same alignment as the existing overhead line.

38:36

Hopefully that gives you enough information that we're happy to expand

38:41

it so from what you've said it's it is about it was about gains in that area. It was about trying to achieve some benefits to the community of more Monckton and an overall reduction by one of the number of pylons in that area. Okay.

38:59

The other part of the question asks about the sort of likely sequence you've talked about, obviously, we know that there's if there needs to be

39:07

needs to be a temporary line there. I don't know if there's anything else we need to cover under the sequence of construction activities there in terms of what so what we're wondering is, you've got several elements of the project happening in this area, whether you're able to indicate the order in which things would take place.

39:23

Steve, our national grid, yeah, that's fine. So in ES chapter three, we've provided a indicative construction program.

39:33

However we yet to get them in West contractor on board they will be developing a detailed construction program. However, I think we can give you a kind of an indicative run through of how these works we anticipate to happen to the first element of works really is to undertake the enabling works such as putting Bell mouths and access tracks so that we can get to these new and existing positions.

39:56

And then you'll notice that there's the elements on here called D you

40:00

works in shedule. On these are the undergrounding of third party work. So we are proposing to underground 11 kV and 33 KV work so that we have safe construction areas to be able to install and



pull on new conductors. So these will be one of the first kind of elements of work that we'll look to undertake.

40:21

On then we'll be looking at installing our temporary pylons. So we've got the temporary works around xe, or the TT, that gives us the opportunity to be able to take a circuit off there first.

40:37

And then as long as we're doing that, we'll be looking to construct anything that we can offline. So that means that he's not on the same alignment as a current line. So there's work can be done without a requirement for an outage.

40:49

So following that, once a temporary lines are in place, that allows us to then work on the same line as the existing line. So we can take down the existing pylons, we can construct the new pylons in the similar location to the existing

41:04

following that then you can, we can string the sections of the offline bill to the section that runs from a long south of kind of the moment, an area that can be strike strong. And then we can string the other sections and take down the temporary alignments. So there is a sequence of events really, we need the temporary temporary Limassol first so we can build the online works, new build, and then swap it all back and string it in that in that sequence. Are you able to give an indication of that those steps, you've taken us to how long the whole thing might take Steve Fowler national grid, so we anticipate work starting in the summer of 2024. So that's when we'll be looking to undertake Foundation works and access works. So in 2025, we'll be looking at undertaking the temporary diversion. So we require our teachers to be able to undertake that. And they typically occur between April and October. So clock change the clock change over the summer months when the demand is lower.

42:13

So that's where we can sequences work. So within 2025, we would expect the pylons that we can build offline to be constructed and the temporary alignments to be in place.

42:25

And then through 2026, we can then work on stringing the sections of overhead line, then connecting up into the existing overhead light and work connecting works towards the evidence substation. So

42:41

by the end of 26, would expect this section really to be mostly complete, unknown in 2027, to be able to undertake the remedial works, including removing all of the temporary works needed to build this work on any land, reinstatement and mitigations works to be undertaken.

42:59

Thank you. That's really helpful. I'll just check. There's nothing else from my colleagues on that. No, I'm not seeing anything. Mr. Jones, if there's anything anyone in the room got any questions on what we've just heard about the area around Monckton and what's proposed there,

43:15

or online, Mr. Jones, would you like to

43:18

note?

43:19

Know, I was just coming back online to say I've got nothing more to add. Thank you. Thank you. Okay, then I will pass back over to Miss Coombs, vitamin 3.3. Thank you.

43:30

So now we're going to move south to the area proposed for the tab customer cable ceiling and compounds. I'm mindful we have two affected persons represented here. We're welcome hearing from you in due course, and But first, I'm just going to ask the applicant to respond briefly to the agenda items and to explain the proposed works in this area.

44:08

Richards only for the outcome, we're just going to get the plan up again. And then I'll hand over to Mr. Fowler to take you through it here we gave

44:16

Steve our national grid.

44:19

So we can see the worst ones in here, there's quite a lot going on in this area. So I can give it just a high level breakdown of the types of work that we've got going on here.

44:28

So we've got the existing overhead line that you can see that on the screen forms, runs

44:34

on port seven, nine, they're all the way down to terminal priced. And so that's the existing overhead line that we'll be looking to recon doctor. We have the x D line in that area that runs over towards Nazaret. So they're the ones that we caught talked about earlier in terms of modifications. So they're the worst where we're just taking the alignment onto the temporary alignment that you can see there between XC 41 t and x dt zero to t and then we

45:00

Putting the the conductors back onto that existing overhead line. And then we have two cable CNN compounds in this area one, XC 41 and 1x D 001. So the reason for the cable CNN compounds in this

area is at the moment we have a circuit that runs from Poppleton to knaresborough and then from Nazareth to monk fryston. And we have the second circuit which is on the eastern side of that river line that runs straight away through from Poppleton all the way to Christ. And because of the increased rating of this project, we need to be able to create a situation where the circuit on the eastern side also connects into Nesbitt to be able to balance power flows. So that will end up ultimately with two circuits that run from Overton nazwa terminal Christ. And so to undertake that, because it's on the eastern side of the red line, we need to be able to drop down onto a cable CNN compound onto a section of underground ground cables. So we can come underneath the existing overhead line onto the second killer sealing compound which is x D 001. And then back up onto the existing overhead line.

46:05

So you'll see in this area we have there's a purple dashed line. So that's an indicative centerline of our underground cable. In this area, we have a high pressure gas pipeline that runs on the western side of xc 41. And we have a medium pressure gas pipeline, which can be seen by the two lab blue kind of areas around XC 41. In order for us to construct this calcium compound, we need to divert that medium pressure gas pipeline because in a way of where construction would be. So because of the constraints in the area and the high pressure gas pipeline, the only really area we can divert that is to the south which is at the bottom alongside the edge of the 64 boundary.

46:48

The other works we've got in this areas that because we need to connect into the Qlc and and compound XD one XD one T is a suspension tower and it isn't capable of being able to kick that down to the calcium and compound. So we need to replace that with a replacement tension tower which is xD 001.

47:07

Other works that you can see in the areas that we've got a temporary construction compound that we're going to be required to use to be able to build these works and for storage conductor on cable. And we have the areas of a underground and so we have a 33 KV

47:24

existing woodpile line in there at the moment which conflicts with our temporary pylons, we'll be looking to underground that too.

47:32

I think that's a an overview of the works.

47:36

Thank you that was helpful. And

47:39

I just got one further point for clarification. So under work number eight II in the DCO.

47:47

Can you just clarify what a single circuit span is? And which foundations are proposed for removal?

47:59

So AC says the dismantling and removal of existing pile on x D 001. T a single circuit span between two other pylons and associated foundations.

48:12

The following posts, I'm just looking for that moment.

48:18

Perfect. Thank you. Yeah, thank.

48:23

Okay, yeah, polishes. So

48:26

we're gonna, we need to remove the foundations of XDS ozone teeth when we removed that power. So we're proposing to take those down to 1.5 meters. So at the moment, there is two circuits on the line between 41 and SD one. So on the on both sides of it, because we're putting a section of underground cable in which it removes the need for the span on the southern side of the SD

48:54

overhead line because that's covered by the ground cable. So we'll need the section of the overhead line on the northern side between part one and along to knaresborough. Whereas the cable section ultimately does the overhead line job between XD one and 41. So there's no need for conductors on that single span on the southern side of the SDF are covered by the underground cable. So I'm I know, we're not the the DCO stage of the hearing at the moment, but we didn't understand what that meant. So I think if you could take an action that way, too, review the wording of the work under eight E to perhaps make it clear. Thank you. Does that six single circuits band that is that underground section you're talking about? Oh, no. It's the remaining above ground section. The following is great. Yes. So the removal of that circuit is is only possible because we're putting the underground cable in.

49:55

So I think we understand now but I think for the purposes of any future discharging authorities and for the

50:00

The DCS clarity that needs to be revisited thank.

50:10

Now we'd like to hear from Mr. Watson's representative Miss wilsher.

50:15

We've read them though says you're relevant representation and invite invited you to respond to what you've heard from the applicant, set out any more information that you might think that will be helpful to us today. And we also know that you've invited us to come onto your land during the company site inspection, and we will take you up on that offer we're keen to see on site.

50:39

Motion.

50:42

Thank you, Julian Wiltshire on behalf of Mr. Philip Watson, I think our main concerns in this area are the extinguisher special, maybe you need to be a little closer to the microphone that better.

50:54

You have to really feel it, you've got it in your face.

50:58

I think our main concerns in this area are the orientation of the cable ceiling and compounds and the impact on Mr. Watson's rights of way. So I think it's just understanding what other options there are for maintaining the rights of way and avoiding unnecessary awkward corners in the field.

51:17

He's got anything to add for that, you know.

51:23

They

51:28

were aware that there was some explanation in the consultation report about this. But I'm not clear whether it's

51:37

resolved and definite or whether there's still discussions going on. So if we could have some update that will be helpful, reach attorney for the outcome. I think on this, and noting as well, she has the issues that she raises, it may be best not to deal with it at this stage, simply because we are trying to discuss arrangements with us Wilshire and her colleagues on behalf of Mr. Watson.

52:07

We're aware of the concerns. Our position in summary is that the

52:14

the right of way the the access issue is one that we don't think we are going to propose a resolution for just so that it's clear that that's not something that we're

52:27

not a route we're going down at the moment. And we say for good reason, because there's an issue with taking that access route around xe 481.

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Where there's a what we say is an

52:42

important constraint, which is the road the dual carriageway which runs alongside it. So

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that point I think we've made clear to Mr. Watson through his representatives, this is one where we are we're we're not content to go further

53:02

in,

53:03

in respect of the

53:07

location of

53:10

compounds, cables, ceiling and compound, we are still in discussion

53:17

as to what can be achieved, and noting Mr. Watson specific concerns about the shape of fields that are left effectively after our works are completed. So it is a point we're engaging on. We're going to give a full response. As I indicated yesterday, Mr. Watson wasn't here in response to relevant representations when proposing a hope to give a full response to relevant representations rather than just acknowledging them and waiting for later in the examination. So I've seen the draft response, I hope it responds in full and I know there's been correspondence between the parties as well, I think, probably it's best to leave it there. Rather than going too deep into that at the moment. We you know, I'm not sure. In fact, what I'll probably say at this stage, we don't think all of Mr. Watson's concerns will be resolved. But we hope that we can at least narrow the issues. Thank you. That's very helpful. And we are at the very start of the examination. So we respect that there'll be discussions between parties ongoing.

54:19

Do you want to come back to Ole Miss Fisher on that or Mr. Watson? I don't think so at the moment. I look forward to further discussion Do you cast but thank you very much for engaging at this early stage. It's helpful for us to put a face to a name if nothing. And so we'll move on to Mr. Wait now in terms of

54:36

issues on behalf of another landowner in the same area.

54:41

Thank you, Charles wait on behalf of Rajat Ng and

54:46

the main reason for being here today is just to sort of understand

54:51

I don't know if we've come on to it yet.

54:54

About the the alternatives that have been considered here

55:00

I

55:01

think we're currently on the the actual works that are that are going to put the proposed in this area?

55:11

And is it true to say that this area of works is one of the most

55:19

busy intensive areas

55:23

of the project with the ceiling and compounds and the T towers, in proximity to residential properties where land is is proposed to be compulsory acquired by the owner?

55:41

Mr. Turner, if you'd like to respond to that, thank you, of course, rich attorney for the applicant. I've just I'm going to bring in others I think on alternatives, if that would help. So we can explain that. But I'd certainly say we're just in response at a high level to Mr. Wait, we recognize this is a this is a sort of hotspot. And we know you'll want to examine it carefully. You've seen the representations from on behalf of Mr. Watson. And on behalf of Mr. rhenium, you know, some of the constraints in the area. So, yes, the sort of Tadcaster triangle is going to be

56:17

up there with Bermuda in terms of profile and this examination, but we need to, you know, we need to just at this stage, I think identify or mister wait ahead of further hearings, why we're here in terms of alternatives. So if I had ever think Ms. Kington might be best place to pick this up. Why, why is this infrastructure in this triangle rather than the detail of the design of it?

56:46

Or if you want to do that?

56:48

Yeah, I'm sorry, Mr. Fallon. Sorry. Thank you, Steve, fellow National Grid, I am going to hand it over to Beth in a second to cover the alternatives. But I think it'd be worthwhile just giving a quick overview of why we have moved to Kelsey and and compound. It's actually such a consultation at 401 from where it was currently shown at that point in time, to where it's currently shown our application. So I think there is going to be more details out of this and the relevant responses however, but just as a quick overview, we've done a lot of work now in this area around the cable CNN compound. So we've got a lot of

57:27

topographic, topographical data, we've got a lot of survey data in this area now. So there's a number of constraints around this area. So one of them being the slurping ground towards the 64th. So there is a drop off of a couple of meters in there. So

57:46

that means that the earthworks involved in constructing the compound is significant in there. So by moving it closer towards the XC 41 Tower, it reduces the amount of earthworks and embankment as needed to be able to construct this. Also the time that we need to be able to divert that medium pressure gas pipeline, and the only way that we can do it in this area is putting it between our compound under works and the highway embankment. So there is a corridor in which northern gas networks will need to be able to take that gas pipeline so that we need to maintain that. So this also pushed the corridor, the compound slightly closer towards the tower.

58:21

And also there is a new telecoms muscle in that area, which is also has an access road, which gives a constraint for where their pipeline and our compound can go. So the design that we had at section 42 was more of a gantry design which pushed the cable sent out further. And to be able to overcome all of the constraints in that area, we've had to move the cable center compound closer to the tower, which means switching from a gantry position to an anchor block solution. This means that the dowel needs from the tower can come down a little bit more vertically, and that we can get it close to the tower.

58:57

And then, because of that, while we we there's the existing truck that runs alongside the tower, by bringing them closer to it, the space constraints in there and if we allowed vehicle access along that track, there would be clear clearance issues with any vehicle and the Down, Down leads that are coming down. So from a safety point of view of enclosed tower within the ceiling compounds, all the safety distances can be maintained and there's no conflict with any traffic that would go down that so that just gives us an overview of why we've moved the tower and the Kill Kill center and closer to XC 41.

59:36



And I asked Miss Kington just to help us just at a high level I think on

59:42

why we are here.

59:45

In other words, why why is the orchard Green Project having this impact in this overall location?

59:51

Yep. Bethany Canton national good.

59:55

So, in general, the needs and alternatives are set out in chapter two of the planning state

1:00:00

If the ies and it's very high level points, the choice of location in this area is heavily influenced by the location of the existing infrastructure. And its National Grid preference to utilize existing infrastructure where we can ask her and in the planning statement, and also in accordance with our obligations to develop a efficient and coordinated an economic transmission system.

1:00:24

So within this specific location, there's five main alternatives set out in the ES. And I don't know if you want me to go into all of those.

1:00:38

In the interest of time, I think not because yeah, we've got that material there so we can review our leisure. Thank you.

1:00:46

You can tell us how you ended up with this particular solution out of those alternatives, though. Yeah. So within sorry, Bethany kings national board. Within the corridor and preliminary routing and siting study, we identified that there was a need for two cables filling in compounds, one on the X D line, one on the XE line. So we looked at 10 different options, via those were on the XE line and seven Annex D line.

1:01:16

The CPRS s contains a full options appraisal, taking into account environmental, socio economic, technical and cost considerations. And overall, overall, the preference was for the chosen locations. So x one and x D one. And this was primarily because it resulted in the shortest length of underground cables, and also allowed the reuse of an existing pile on xe or eight one. And in having a shorter underground cable route that reduced impacts on soil vegetation loss, it was an improvement from landscaping associated with retention of

1:01:59

vegetation. And also both at the locations identified had reasonably good accesses. So that was the reason for the choice of the chaos healing and compounds in in these locations.

1:02:13

And Rich attorney for the applicant can I just give some references, but for the examining authority and for Mr. Waite and Miss Wiltshire as well. So the CP R S S,

1:02:29

which is one of the documents that considers the alternatives within the identified corridor is ap 209. And then the other document that summarizes our approach in the Tadcaster area is es chapter, the environmental statement, chapter two, AP 074. And that's at page 20. of that document. 2.6 point 14 and following.

1:03:02

Thank you very much. I'm thank you for that beer explanation. It does raise a number of questions in my mind. But I think based on the point that you've made, with regards to further information coming later than that, I think I'll then reserve those questions for another time. But I can see that Mr. Jones has a question on this matter. And I think, Mr. Jones, if you can pick up the point we discussed earlier this morning about the length of the auto limits on the roads at the same time, that would be really helpful. Yeah, so we'll do just a couple of quick questions that are probably quite obvious, but I'll ask them anyway. Firstly, the temporary construction compound is sitting there in splendid isolation in the southwest part of the screen. In terms of accessing it, I can't see an obvious access that's shown on this plan, with the x is b by the ace 64, or the a 659, or both.

1:04:02

The following upgrade, it's shown on the axis and rate of work on this area, but the access would be from the year 659.

1:04:10

Okay, thank you, Mr. Fowler. And the the other area that I want you to ask questions about has to do with the order limits. So the red line for the proposed development, if you look just to the I mean, this is quite a good example there. There are various queries we had on you know, various plans, but this is as good an example as any, if you look to the north, if you assume North is straight up, which I think it is on these plans. If you look to the north east of the triangle of the proposed works, you nine, you'll see that there's a there's a red line that kind of bulges out and then then it comes back in again to follow part of what I presume is a road or an access track.

1:04:54

So yeah, that's, that's, that's it, and basically where the hand is on the screen

1:05:00

So it bulges out and then and then it comes back in again, just to just to follow the alignment of what I presume is a track or a route.

1:05:08

Sorry, my phone's going but our just ignore that. And in terms of in terms of that then in terms of the order limits

1:05:18

why does that stop sort of halfway towards the A 659?

1:05:25

Steve, our national grid that extends along the highway based on the visibility splay, that is a bomb off the axis, Flexi 480 to the north. So we've included adequate visibility on that side, and also on the southern side, where you can see that it cuts kind of horizontal apart across the page where the hand is at the moment. So that's to provide adequate visibility for the construction accesses.

1:05:49

Thank Thank you, Mr. fader, so

1:05:52

I can't Yeah, okay. So what what is a bit what visibility display view? Have you worked on for that stretch, for example, and is that the same visibility spy that you've used elsewhere? Obviously, might depend on the nature of the road, but

1:06:05

stay follows.

1:06:07

So the visibility squares have been based on speed of the road. And along the apologies from Nakata, the, I think is the Dr. And B, highway standard on visibility splays. So they've been designed in accordance with that and in consultation with the highways in the area. So the visibility is very dependent on the speed speed of the road and the visibility required to follow that road. Thank you, Mr. filer. Sorry, I realized I was putting you on the spot slightly there with that question. I don't have anything further to add. So I shall return to miss combs. Richard any for the applicant? Can I just say, sir, that it is a road there? You said it's a road or track? It is it is a public road? Right. Thank you, Mr. Attorney.

1:06:56

I think we think yeah, it's a road we've been there.

1:07:02

I'm not sure policies on this side of good intelligence. It's a road. Thank you, by my colleagues, I've had the benefit of a site visit that I haven't yet benefited from.

1:07:13

Sorry, I'm just wondering if

1:07:16

and this this wouldn't be anything that would be a secured plan in any way. But would it be possible to have a sort of diagram of this area, which combines things that are on the project description, drawings, on the works plans, the access plans? Because at the moment, you can see from Excuse me,

1:07:37

Mr. Jones's question, if we'd have done underlay with the access plan than we would have known there was access there. I just think it would be helpful in going forward, because as you said, it's a hot spot. And we had a triangle on the Richboro connection project as well, which was a hotspot, originally for the Appian. Yes, that's fine. And we'll work out the best way to present that. And I think that's true of other areas as well, if the examining authority would be assisted by overlays, we won't be proposing to change the plans, which are for approval, but for illustrative purposes, I know and other projects, I've found that useful. So if you just indicate where you would need that sort of overlay and what you might want on it, we can provide that. That would be really helpful. Thank you for that. And that would probably be for deadline to I think to be fair, wouldn't it? Yeah, actually allow the time we'll let you know if we as we go through if there's anywhere else that springs to mind now, but otherwise, we could also use our written questions to identify any such areas. Okay.

1:08:35

So I'm handing that back to you as fast.

1:08:42

Thank you. Okay. So unless we have a handout for Mr. Wait, just before we come away from item 3.3. Mr. Wait. Yes, Charles, wait. Thank you for that. Thank you for all the references. I'm sure that National Grid, and all consultants are very familiar with a huge number of documents.

1:09:03

I'm not. So thank you, for all those references that actually refer to

1:09:10

the alternatives for the ceiling and compound, presumably could have gone somewhere else rather than in relative close proximity to residential properties.

1:09:24

And I noted what National Grid said about the cost of the cable was one of the

1:09:29

reasons for its location.

1:09:33

Mr. Orange, I think, from our point of view, then I think we need to go back and reflect I have read the alternative as part of the Enron statement, but I've read a lot of documents. I think, we'd like to reflect more and go back and look at it in detail and we will be coming back to this geographic area on a number of occasions, I'm sure. So I'm at the moment I think we I'm not

1:10:00

That's encouraging further discussion on this point from from the applicant if that's acceptable. Charles, wait, I understand what you're saying. And thank you for your comment. I'm just wondering whether it would be possible.

1:10:16

The barristers

1:10:19

view verbally given some references that if the references can be sent to me, please, so that I can understand all the background of what's

1:10:32

registered if the applicant say straight away? Absolutely. We'll provide that to Mr. Wait. I think maybe also the sort of specific drawings and works drawings and land plans of that area would be helpful. I know there have been discussions already with Mr. Wait for his client. And

1:10:49

we'll make sure that he's got all those references. And of course, I gave those references specifically to this location. But

1:10:58

I don't want to create too much work for Mr. Wait, but you need to see it in the context of the alternatives approach generally. So why are we why are we in this location? Generally? Why is nationally seeking to use existing infrastructure? What are the duties that National Grid is under in terms of costs and so on, when it's considering alternatives? How does it approach interactions with residential properties and so on. So there's a whole series of pieces. I think chapter two of the s provides the best summary of that. But it then provides footnotes through to the other documents, which are in the application, which provide a lot more detail on the specific consideration. So I gave those references as specific ones, but they sort of they can't really be read in isolation.

1:11:40

Thank you.

1:11:42

Mr. Wade. Are there any other points you wanted to raise? No, thanks. Okay. Thank you. Please do keep us.

1:11:49

Maybe I'll ask you to just to keep us up to date with your conversations with Mr. Wace as well as you go through and obviously feel free to continue to put submissions in as we go through, we're still have kind of live consideration about what matters might need further hearing time, when we get into the may set

of hearings. And it's very likely that we will end up returning to this area. And as we've said, we'll be doing a site visit to

1:12:11

was there anything else from Mr. Watson or His representative on this?

1:12:18

No, thank you. Thank you, then we'll move on to item 3.4. And we're moving to different plans. Now. This is taking further south to Section F and I'm on sheet, F one.

1:12:34

And this is the area southwest of Lumbee. And in the vicinity of the monk fryston. proposed new substation.

1:12:42

So the, again, just to explain the reason why we're asking the questions in this on this area, it's, it's about the decision of proposed works between basically tower x c, five to one, and down to x, c, five to four is the area between there and the decision to up until the point of xe five to one, we've got the existing line being re conducted. But South of that point, the decision has been made to dismantle existing section of line and put in a new section. And one of the reasons why we're interested in in this is because that section of line passes over the traveler site at the junction of the AWA nm and the ace 63. So there's potentially construction effects to consider in terms of the choices that have been made in this area. So I hope that gives a bit of context as to why we're asking about this.

1:13:37

Steve Falana us good? Yeah, absolutely, I can take you through this. So in principle, we tried to reuse what we could on the existing overhead line. However, SC five to two T and exceed five to three T angle pylons that you can see one is in north of the trouble of slot one is by the a one M, these two pylons were over utilized by the new conductor system, meaning that they couldn't accommodate the weight alert or the conductor system, meaning that they needed to be replaced, similar to what happened on the XCP over headline. So in this instance, we had to have a look in the area in terms of how we would reroute this I rely on this. This kind of overlaying this section. So what we looked at is that just a step so just a second that when you say that those are over utilized, it's the pylons themselves there so it's that they couldn't physically take the cable the new enhanced cables that would need to go in as I write the file Africa apologies. Yes, that's right. So the pylons themselves, the steel work wasn't capable of being able to accommodate it. So there was critical members which can be replaced and needed wherever utilize, meaning that the towers themselves needed to be replaced entirely.

1:14:46

So when we were looking at replacing the pylons, the there was a number of constraints in the area and considerations that we had to take into account. One of those is the kind of travel site in the area. So by pushing XC five

1:15:00

To further towards the arrow on me, it takes the alignment further away from the main body of the traveler site in that area, and five to 65 to three, we try to we've pushed that cell so that it also increases the distance, albeit marginally towards Paul's house farm in that area, while also keeping the Parliament on the boundary of the field and as closely as possible to try and minimize the impacts on the farming operations in the area.

1:15:27

In terms of five to four, that there was a, there's a need to replace that one as well, because we have to move the alignment from where it's connected into the existing prices, substation, so the new moon prices, substation, so at that point that needed to become an angle that needed to be replaced, what we tried to achieve in that area is by putting it as close as possible to the existing tower to try and minimize this disturbance. And because the entries to the New York prices, substation are slightly longer than the, then it would be to the new the existing substation, we needed to have another pilot in the area, which is why you see five to five and five to six. So what we tried to do in here was minimize impact by keeping it as close to one M as away from the properties where we could, wow, realignment into the new substation tonight.

1:16:22

Thank you.

1:16:23

And we have had submissions from people living in that area as well, which we were I know you will be responding to in your comments on relevant representations.

1:16:35

I think that explains pylon by pylon in terms of bit that I've just asked you to the only other part of the

1:16:43

question was regarding relation to the kind of ongoing consultation and engagement with the owners and occupiers of the traveler site, because we haven't had any relevant representations from that community. And so it's just a question about how National Grid is engaging with that community.

1:17:01

Rich attorney for the outcome. I think maybe

1:17:06

miss McDonald, I think is going to take that one on.

1:17:12

Mr. McDonnell, National Grid, in respect of engagement with the travelers at that site, it is primarily done through that landowners who are appeals in the book of reference. And we they have a land agent who airlines team are in communication with regularly we have met with the occupiers on the site, but that was managed through the council, and we attended with them. But the agent did attend on

that day, too. So a he has communicated with us in respect of telecommunications for the agent should be passed through to the occupiers. But that is based on their on His Word. And that is how it's been done.

1:17:52

And my understanding is that all things that happen during the pre application stage, yes, that's reported through the consultation report in terms of ongoing engagement. So is there any other that so yeah, so touch upon what we talked about yesterday, so we are still engaging from a land perspective with the agent and the owners. In respect of what we discussed yesterday, about the environmental statement addendum, we will be writing to the agent and the landowners and also the local authority to inform them of the updated information in respect of that area. And we have also been communicating with the agent on other matters with regards to site access, etc, or survey access, because we informed them when we were there to do photography in respect of that, yes, addendum that we would be in the vicinity to make sure that we're aware.

1:18:43

We permitted access to the land to do that photography. We did the photography from adjoining land, we have not been we've not undertaken any surveys on the land itself.

1:18:55

So it's a representative viewpoint, basically, indeed. Okay.

1:19:01

Now, we've got an underwriting 3.4. We've also got something in there about the sequence of construction of activities, I think, is it fair? Maybe Mr. Fowler, you could just give me an answer like this. Is it fair to assume that the similar kind of phasing of construction would happen in this area, as you've discussed discussed in in regards to the earlier section? Steve fallin? osgrid. Yeah, that's, that's right. So again, it's what we can create a construct offline first under temporary alignments.

1:19:30

That's generally how it follows in all of the kinds of areas of their realized so similar to what we've mentioned in here. I think what we've tried in this area as well is to minimize the number of temporary pylons that we've got because of the profit is in this area. So we've tried to reuse what we can 65 to t and x e five to five t we've tried to reuse rather than we build additional temporary pylons there to try and minimize the impacts as well.

1:19:56

Thank you. And as I say, we've been spent quite a lot of time around this area.

1:20:00

area, this is another one of the areas that we're no doubt going to come back to as we proceed through the examination. I just checked. There's nothing else from either of my fellow panel members, I can't see Mr. Jones indicating that he wants to come in. Does anybody in the room have anything they'd like to add on? Item 3.4? Before we move on?



1:20:17

Okay.

1:20:19

Just as a general action, then we've heard some really useful explanation there over since item 3.1 3.4. It's been very useful to have that spelled out, I think, in order to not lose what we've heard. I'd ask maybe that

1:20:33

kind of clarification note that just summarizes those submissions that you've made it, you know, where we've asked for more detailed project description.

1:20:41

If you could set that out to us in writing?

1:20:45

I mean, if you can do it, as opposed to hearing submission, great, but if not, you could do it as a set a deadline to submission as a kind of clarification note, Reg, attorney for the African we can do it. Certainly. I just wanted to check. Do you want the same level of detail that you've heard? Or are you asking for more detail than you've just heard? I think what we've just had is a sufficient level of detail, to really provide that summary for post hearing submission deadline. Yeah, it just helps us to have it in writing for sorts of reasons. So yeah, thank you.

1:21:15

I'll put that down as an action that you say deadline to Deadline one.

1:21:22

Deadline, post hearing submission. Lovely, thank you.

1:21:27

Super, the next couple of parts of our have a hand up

1:21:33

every morning, morning calm or isn't it was Yes. Miss Palmer and James Comey, president of Lumbee. And just before we move on, just I'd rather not like to miss the bit about the timescales, the construction activities, please. I think it's rather irrelevant to the Okay, yeah, hamlet of Lumbee. That's a fair point. And I know we had that description in regard of the more Munson site, so perhaps you could actually talk us through if you do have the same kind of you talked about sort of 2020 or 2027 timescales.

1:22:06

Thank you.

1:22:07

The follow National Grid, I'm gonna get a little bit more information on the kind of area in general, not just one number 10, covering the substation build two, if that, if that would help.

1:22:19

Okay, so, again, we're likely to commence within the summer of 2020. Forward the enabling works, which would mean the access roads, the access tracks and installing the construction compounds,

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they would be the first kind of elements of work to be undertaken.

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Following that, the civil works for the Monoprice and substation would look to commence towards the kind of late summer of 2024 and going through to 2025.

1:22:51

That will then continue a little bit into 2025. Because we need to have enough level of civil works in undertaken to be able to have the delivery of the Sgt or sorry, the super good transformers that we need within the month prices substation to be delivered in 2025. So certain element of civil works needs to be undertaken before that can happen once they arrive on site within 2025. At that, and electrical works will be undertaken. And we'll be continuing the substation bill through 2526. In order to be ready to be able to bring circuits in which you can see on the four wire is on into the substation to align with outages that we've got in 2026.

1:23:33

Through 2026, is continue with electrical installation at substation, and then it's 2027. We'll be looking to finalize that and then bring in the XC of red line into that new substation. For completion of the electrical works by August, September 2027, that's when we're expecting the project to be energized. Following that, we will then have a period of reinstatement works which will include our landscape proposals, planting works, which will take food, which will happen to 2627 into 28. So that will hopefully be finished on off site by by the finish of 28.

1:24:15

And so sorry, just to interrupt that. I know we heard from Mr. fetcher yesterday,

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about the kind of interest in the construction, the effects of the construction. And particular we've got there the two temporary construction compounds which are sort of the nearest element to Lumbee. And so from what you're saying, Those construction compounds would be in use and would be up and running in various guises

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between that period of when you start on site and summer 2024 all the way through until the reinstatement works in 2028 is that correct? The foreign ash grids, so there will be stages. So the

temporary construction poem on the western side you can see is for the red line construction. So that is going to be more sporadic that's going to be when the worst take place in the line with outages so

1:25:00

There's going to be periods of intense weather met all the needs to be used in the construction compound. And there'll be periods where we've kind of strung the lime away. And for the substation, to commence the one on the eastern side, which is the substation construction compound that is likely to be in place through 24 through to the 27th. At 27, it's likely to be less intense, because the work the main works will have finished and we'll be starting to do the landscaping and we integrate them and works. On 27 onwards, the activity will ramp down. But the substation from 24 through to 27, will be the period busy period of activity at that compound.

1:25:37

That's very helpful. Thank you, it's helpful to have that distinction between the two temporary construction compounds there. Does that satisfy the queries that you directly raising was Parma? Okay, thank you. Thank you.

1:25:49

Okay, in that case, we will move on to item 3.5. And this is hopefully a brief one is just, it was just an opportunity to ask the applicant, we know that some of the relevant representations have requested changes or tweaks to certain elements of the project scheme. And so we just wanted to,

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and that was in terms of things like alternative access points,

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things that might or as we talked about, when the orientation of certain works, anything that might reduce construction effects on certain landowners or residents.

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You know, as well as we do, there's quite limited scope to make changes during examination once an application has been accepted. But I just want to give you the opportunity to let us know if there is anything planned in terms of changes to the project description.

1:26:34

orig attorney for the applicant, the answer is no, not at this stage. So we have reviewed the relevant representations carefully. I've already indicated we'll be responding to them in full, we're continuing to talk to landowners and other affected parties. So I'm not saying no, not at all. But at this stage, we haven't identified any change to the application that we would wish to promote through the examination process. And obviously, we have different types of changes that could take place not being the main was being material changes and non material changes. And

1:27:11

I suppose there's there's more allowance for things that can happen within the order limits where suggestions are being made, for example of alternative access routes, and they don't fall within the order limits, that would be a more complicated process. And obviously, we would encourage you if there's any changes proposed that they do come forward as soon as possible in the examination process, because that way, we can use existing deadlines within the timetable to conduct the necessary consultation. And if there's other, there are a few aspects that we would need to consider towards consultation and potentially compulsory acquisition.

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So we would say,

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our appetite for changes reduces as the examination goes on, because it just simply gets, we need to keep that fairness point in mind for everybody who could be potentially affected.

1:27:58

Okay, I don't have anything else under item 3.5. But I'm not seeing anyone else indicating that they wish to come in here. But I will we do have a couple of other points which weren't on the agenda. This just before we conclude items, three, which we just thought were useful to pick up while we're all here. And I'm going to pass it over to Miss Coombs.

1:28:17

Um, so the first ones on the construction program, which I'm aware, you know, mindful, you've you've touched on on some of this, but do you think we could possibly have table 3.2 from the project description up? That's up? Oh, seven, five. Thank you.

1:28:34

And Mr. Tony, what I am going to go through a few points that we've observed and some queries, but I'm not going to need a response. Now, if this we can leave this as an action for submission. But

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so we do recognize that this is a program an indicative program.

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We're struggling with our key to the colors. So we don't understand the difference between blue which is construction activities, and green, which is construction works.

1:29:02

And then when we try to compare these with the Gantt charts in the construction plans and activity assumptions,

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document ap 151 sections 2.2 2.5 Then I recognize that the Gantt charts aren't time specific, but

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it's difficult to see how they're completely aligned. So if we could, what I'm going to ask for at the end is the submission document that contains both with a better explanation of how they linked to each other. Um, and we also feel that there's probably some descriptions missing from the Gantt charts,

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particularly with regards to landscape works, so they have bars but they don't have any annotation on the left hand side. And neither of them nor this construction program. indicate any of the advanced mounting and planting which is specified on the outline

1:30:00

Landscape mitigation drawings. So again, I'd feel that that should be shown somewhere on probably on both for the relevant

1:30:07

substation sites. So I might, we don't need any response now. But just something that unless you've got a quick response to any of those points, if we could just have some documents and probably the drawings, resubmitted in the document that were then put together. And then just one final point on that.

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We also just wondered if the Overson substation

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information should include the alternative alignment for nCn 65 cycle route that isn't on the program. So I'm, that that would be helpful if that could be on the program as well.

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And so

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that's a yes. I now, I think this is an appropriate time just to move on to the ES addendum item that we had heard about briefly yesterday, and you said you'd be able to give us a bit of bit further information.

1:31:08

Thank you just just just in answer to the point about timetable, yes, we'll take we'll take that away and see how best we can provide that further narrative and clarification and we can certainly look at including those specific items that you've identified, I think I will just say, given we're in the hearing,

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as the examining authority will understand, but for the benefit of others, we the precise program is for a contractor.

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And

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National Guard has to be a bit careful at this stage and pinning down too much the detail of precise timing of each of the words. So these are indicative, but obviously what we indicate needs to be clear. So it's about providing clarity and the Indicative construction program, rather than turning it from something which is indicative to something which is concrete, but will provide the clarity, but it will still be indicative. So I just wanted to make that clear for the benefit of others in the room.

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In terms of the

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the attend the ES addendum,

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is there a specific issue that you wanted to address further today on on that thing? Yesterday, you indicated that there would be

1:32:27

a your landscaping visual impact assessment would be present just to give us a short update on the findings so far, if that's possible, he's joined us.

1:32:39

I was gonna say this firm is not not at the table, but he is now I'll introduce Mr. Robot. Can you introduce yourself, please? So Neil Ferber from huzzah UK.

1:32:49

On behalf of the applicant.

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Mr. Ferber we you obviously weren't present yesterday, and we had a discussion about the timing of the addendum and the section 51 advice that we that the case team has given. And we just asked the question, if if there was anything that could be shared with us by something that would be helpful in terms of your preliminary findings? Yeah, of course. So I've undertaken site visits

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on the land that's adjacent to the traveler site

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and undertaken some reference photographs, and discussed with the engineering team, the changes that are proposed at that location, both for construction and operation. And my initial conclusions are that there would be

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significant visual effects for the travelers during the construction phase of the project, particularly

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those that are located in caravans towards the western end of the site.

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As you will appreciate, if you go to the site, it's quite an elongated site.

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Those towards the eastern end would obviously be less affected.

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A my preliminary assessment is informed not just by the construction effects with the construction of scaffolding to the north of the

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off there of that area, but also in relation to the likely vegetation removals that would be required, both in association with the

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removal of the existing pylon lines, and also the construction of the new line, which is approximately 15 meters further to the west.

1:34:54

Thank you. And just to clarify, so we're in line with GL VI, a three which is the guideline

1:35:00

For visual impact assessment, they would they be beneficial adverse effects. So acts can act construction stage, they would be significant adverse

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at the operation by year one, the assessment is that there would be some adverse effects, but they wouldn't be at a significant level.

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And the reasons for that are that the Python would actually be for a doe, it's about proximately 15 meters taller than the one it replaces,

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it's going to be further away from the majority of the caravans.

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And obviously, by year 15, in operation, the reinstatement planting

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will have had time to mature. So the adverse effects at year one, whilst not significant do reflect the fact that the site won't be as contained as it is at the moment because of the removal of that vegetation between

1:36:07

the between the road network to the north and the compound. So there is a potential that there would be something insists of vehicles along that road that maybe some of the residents wouldn't have at this point in time.

1:36:22

Thank you, in terms of the addendum will come as a that will come as a separate document. So I think any riders that were in our in the elf EIA methodology,

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that particular one I'm thinking of is that all effects are adverse unless otherwise stated. That riders should be included in this addendum in case people are only looking at the addendum document.

1:36:50

Registering for the African Thank you. That's helpful indication, we'll we'll try and make sure it's it's self contained on that, that those aspects. Thank you.

1:36:59

Um, that just raised something that we as a panel had talked about nothing to do with the site we've just been referring to, but Mr. Ferber mentioned the increase in height of pylons. And actually, we have been talking amongst ourselves about why two pylons need to be taller. So I don't know whether we could just have

1:37:20

a couple of minutes on that.

1:37:22

The following National Grid, yeah, that's fine, we can expand on it. And that might be better extended in written in more detail, however, just a few points on it. So in certain areas, we are moving pylons into a different alignments. So they need to account for ground conditions. There's also variations in span which mean that the sag of the conductor varies as well. So what we've designed which is under the new pylons, so that we can meet the minimum ground clearance. So in all instances, the pylons are designed so they're committed to the statute clarity is no higher than needed to be in specific areas.

1:37:59

Thank you, that's really helpful.

1:38:05



Miss paths, I haven't got anything further. And any questions from anybody else?

1:38:11

No.

1:38:14

Any follow up was we've talked a lot about construction programs, and those wants to clarify more for the sake of anyone in the room. The those assumptions about starting in summer 2024 are based on an assumption that consent is granted when

1:38:30

Steve Farnsworth butts on the basis that consent is granted in March 24, march 2024, thank you. So obviously, just for everyone's understanding if

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in the scenario that consent was granted, if that consent came later than you've programmed, then everything would basically shift or would.

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Okay, thank you. I've just got check hadn't got a

1:38:59

Cambridge attorney for the applicant, can I just say, just to be absolutely clear.

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The

1:39:07

service data, this project is really important. And so if we're in a position where something unexpected happen to shift things materially, then there may be a revisiting of the programming thing, though. But what are the environmental assessment has looked at program matters to identify reasonable worst case? And obviously, that wouldn't change. But it may be that the program looks slightly different rather than has a different endpoint.

1:39:37

If if something happened in between that delayed it, I take your point you're working to a a delivery date of 2027 and that's the point from which you need to go backwards. I understand that Okay. Mr. Fletcher's got a hand raised

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across us ask the Indicative program, you prepared that based upon the fact that

1:40:00

Currently, you won't have any subcontractors to do the work. So until your contractors are appointed, how fixed is your program?

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I think that the average is only for the applicant. I think just to say very briefly, that that's it's a valid point because the detail of the program is for the contractors. But there isn't a there isn't in the program, a delay for the appointment of contractors after development consent, because that process is underway. So without prejudice, of course, to the Secretary of State's determination, in light of the pressure on national grid to deliver the project by that commencement date, is he's going through the process of tendering for the main contractors. So yes, the detail of the program will come through the contractors. But it doesn't mean that there's a there's a pause for tendering at the end of the development consenting process.

1:41:02

Does that answer the question? Perhaps not sort of?

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Valid? Do you want to

1:41:08

follow a national good? Yes. So we're looking to have a contractor on board.

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Before we have consent granted, so that they can develop programs so that when we if we get concerned, then we can hit the ground running and start construction work with a detailed program that answers the question. Thank you.

1:41:28

Mr. Fletcher, you can turn your microphone on. Thank you. Okay, I think that concludes all of the items we had under item three. So thank you very much for all that really, really useful explanation, actually. So it's been much quicker for us to understand things through this sort of process than doing it in writing, because it's just, you know, we can ask you questions without asking you to provide absolute reams of stuff in writing. So if that's very helpful, I'm looking at the time, I'm also just checking I haven't got comments from other members of the team.

1:41:56

No, we're fine. So I'm looking at the time and I know we said we'd go on a little further. So I think what I'm suggesting we might do is I might just do item 4.1. And then suggest we have our later mid morning break so that we can get as much done before we break. So and I don't expect this to be a long item. But I just thought if we work through that, then when we come back, we can go straight into item 4.2.

1:42:20

I can see that the applicants team is just having a slight we juggle Mr. Failure out of the hot seat for a while.

1:42:34

Just adding just to save time while she's getting ready, I'm just adding Vicki Redman of WVD who introduced herself yesterday. So she's the partner at WVD, who's been leading a solicitor on the on the project.

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So yes, I think we're now ready for 4.1. Lovely, thank you. Morning and Welcome, miss Redmond.

1:42:57

Morning. Thank you, yes, Victoria Redmond on behalf of the applicant.

1:43:01

What I'll do is just very briefly talk through the changes that we've made to the draft DCO event. Sorry, before we get into that, I just wanted to for the benefit of everybody here I'll just quickly point out that we have now a revision B of the draft development consent order. So the one that was submitted is revision a that has been superseded by an updated version which came in as an additional submission. So the one that we are discussing today has got examination library reference as 011.

1:43:33

That's the version doesn't show track changes, we're generally dealing with the clean versions of this at this point anyway. And we've got a revision B version of the experiment expansion memorandum as well, which is got examination library reference as 013, just for the avoidance of doubt.

1:43:52

All I was going to ask really under the update section, so 4.1

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We don't need to spend much time on it. And in fact, I was going to suggest that because it's quite limited changes, we don't really need you to talk them through us to talk through in detail. So I'm suggesting that we actually pass through pass over this item. But I would just initially, if there's any particular areas that you wanted to point out the changes that have been made.

1:44:17

Victoria Redmond on behalf the applicant, I just say very briefly that there is a shedule of the changes if anyone wants to see them. And that is it a s 019. And essentially, the changes are quite administrative. So they tend to deal with the response to the advice that we read the section 51 advice that we received, and they tend to either address typographical errors that we've spotted, or they deal with changes to sheet references in the schedules. I can go into more detail than that, but it's really typographical more than anything else and administrative changes. And actually for parties you want to see what those

1:45:00

The changes are there. Another way to look at it is at the track change version of the revised development consent order as well. So I think we won't go into any more detail for that now.

1:45:10

But I would just for the benefit of all parties, I just mentioned that we have requested further updates to the draft development consent order. So at certain points during the examination, there's a deadline specified to ensure that the matters that we're raising in hearings like today and that were amazing in writing will can be picked up in an updated version of the development consent order.

1:45:31

Or just in terms of the way that we envisage the applicant dealing with the matters that we covered today. Now, in items 4.2 onwards, it is likely that number of points will need to be picked up through updates to the DCO. And also probably to the explanatory memorandum. And looking at our timetable, the first opportunity for submission of a revised Dolan consent order is at deadline three. And I think having looked at that again this morning, I think we're happy that that's the right place for it to happen, because we also have written questions, the deadline for which will be deadline two. So I think it to avoid so many versions flying around and not taking account of all those responses. I think anything that we talked about today, where we say we think we think things should be updated, or revisited deadline three is the place where we would expect that to come in. And in the timetable. We don't have a specified a an updated explanatory memorandum at that point. But I think actually, we will add that into the timetables, too, because I think we'll be asking for things that would be helpful to have those two documents together at deadline three.

1:46:29

So in the intervening period, we will just ask that your post hearing submissions just indicate any points where you're likely to picking those up through updates to the to the development consent or the EM. Does that all sound like a sensible way forward? Okay.

1:46:44

All right. So I think what we'll do then, is that we will take a break before we move into item 4.2. But I'll just give anybody an opportunity, though, to raise any points in relation to the updates that have been made to the draft development consent order.

1:46:59

And I'm not seeing any raised hands. Okay. So what I'm going to suggest, then, is that we take a break now and we return at five past 12. And if anyone's who's joining us virtually just keep your cameras and microphones switched off and you can continue in the meeting until that point. So we will return at 1205 and then we'll go straight into item 4.2. Thank you