

PROJECT NAME: THYSPUNT TRANSMISSION LINES INTEGRATION PROJECT

MEETING DESCRIPTION: TTLIP-JEFFREY'S BAY WIND FARM ROUTING MEETING

VENUE: 4TH FLOOR, MARIENDAHL HOUSE, NEWLANDS ON MAIN, CNR
MAIN ROAD & CAMPGROUND, CLAREMONT, CAPE TOWN

DATE & TIME: TUESDAY 19 JUNE 2012 @ 14:00AM

	ID	Company	Tel	Cell	Email
In Attendance					
Tom Thorogood	TG	Mainstream Renewable Power SA			tom.thorogood@mainstreamrp.com
Leo Quinn	LQ				leo.quinn@mainstreamrp.com
Leila Mahomed-Weideman	LMW		021 657 4040	083 789 2923	leila.mahomed@mainstreamrp.com
Hein Reyneke	HR			083 264 3884	hein.reyneke@mainstreamrp.com
Lerato Mokgwatheng	LM	Eskom	011 800 6812	084 580 6147	MokgwaLL@eskom.co.za
Pieter Steenkamp	PS		011 800 5818	083 632 7681	p.steenkamp@eskom.co.za
Paul da Cruz	PDC	SiVEST	011 798 6425	084 224 0088	pauld@ssi.co.za
Nicolene Venter	NV		012 662 2843	083 377 9112	iafrica@icon.co.za
Apologies					
Dean Wilson	DW	Eskom		082 840 7792	Dean.wilson@eskom.co.za

1. WELCOME, INTRODUCTION&APOLOGIES

NV welcomed all present and the attendees introduced themselves.No additional apologies, as per the Attendance above, were tabled.

2. PURPOSE OF THE MEETING

The purpose of the meeting was to discuss the current EIA Team-preferred routing for the Northern &Southern Corridor in the area around the Jeffrey's Bay Wind Farm Development and to investigate and discuss a routing that is agreeable to the TTLIP team and Mainstream.

PdC presented the latest proposed revised EIA Team-preferred corridors and alignments. which avoid Mainstream's Phase 1 of the Jeffrey's Bay Wind Farm Project. PDC informed the attendees that the proposed corridors still affects other parcels of land being marked as part of the wind farm development, although not affecting any of the phase 1 turbine positions, and expressed that what is being presented is feasible. It was also pointed out the routing as presented at the meeting has not yet been formalised or submitted to Eskom technical staff for comment.

3. DISCUSSIONS AND DECISIONS

- 3.1. LMW enquired whether the proposed power lines could be routed over the hill to the north of the Jeffrey's Bay Wind Farm.

PS replied that the hill is quite high and could be a constraint for construction but it will be investigated again during the planned fly-over the week of the 25th June 2012.

Post meeting note:

This particular hill is utilised as a landing / launch site for paragliders in the local area, hence routing the lines over this hill is not seen as being environmentally or technically feasible.

- 3.2. LMW enquired whether Eskom is planning any upgrade of the Melkhout Substation or additional power lines as the shape files received that morning indicated a block over the Melkhout Substation.

LM replied that Melkhout Substation is a distribution substation and the shapefiles received could be from Eskom Distribution. Eskom Transmission (Tx) is currently proposing a new Tx substation in the area near KwaNobuhle(known as PE substation) and 2 x 400kV power lines from Thyspunt HV Yard to PE substation, then Grassridge and Dedisa substations.

- 3.3. TT enquired what is the average construction period for Tx power lines and by when the Thyspunt power lines must be in service.

PS replied that depending on the length of the power lines, the average construction period is 18 months and the construction takes place in phases, thus construction in the area would occur intermittently over this period.

PdC informed the attendees that the proposed Thyspunt power lines can only be constructed if an Environmental Authorisation (EA) is granted and to this effect it needs to be noted that the Department of Environmental Affairs (DEA) informed SiVEST that they will not be granting an EA for the line components of the TTLIP related directly to the proposed Nuclear power station at Thyspunt before a decision on the Nuclear 1-Project' EIA has been made by the department.

- 3.4. LM informed the attendees that Eskom is in the process of requesting approval from its senior management to start with negotiating and securing the required servitudes for the proposed TTLIP, on risk, as more developments are encroaching the corridors.It has appeared that the southern corridor is of importance for NMBMM's economic and developmental growth whether Nuclear-1 site is allowed at Thyspunt or not.

- 3.5. LMW enquired what is Eskom's buffer requirement associated with a Tx power line and a wind turbine.

PS responded that he does not have the information off-hand available and that Eskom's buffer requirements will be attached to the draft minutes. Reference was made regarding a Memorandum of Agreement (MOA) between Eskom Tx and Red Cap.

LM informed Mainstream that Eskom would like to also discuss and draft a MOA with Mainstream as was done with Red Cap.

- 3.6. LMW enquired whether there are any restrictions regarding road networks.

PS responded that there is none but there is a minimum ground to conductor clearance is due to weather conditions it varies during the summer and winter seasons. Eskom requires a minimum clearance of 8.2m and this is in line with the Occupational Health and Safety Act (OHS).

- 3.7. PdC enquired whether Mainstream has any plans for the parcels of land to the north of the Phase 1 layout of the Jeffrey's Bay Wind Farm development.

LMW informed the team that those parcels are proposed to be utilised for Phase 2 of the Jeffrey's Bay Wind Farm development and that Mainstream will take the EIA Team-preferred alignment into consideration as they would like to have a mutual working relationship with Eskom. They will assess the routing as being proposed and look at a best case scenario to put forward.

- 3.8. HR requested that the shape files of the Northern and Southern Corridors, in its totality be forwarded to them.

PdC agreed to the request and will forward it to Mainstream as soon as possible.

- 3.9. PdC informed the attendees that:

- before the next round of report reviews that the proposed routing affecting the Jeffrey's Wind Farm development will be e-mailed to Mainstream; and
- SiVEST need to fix the corridors before the FEIR is updated and made available for public comment.

- 3.10. LQ enquired whether any Water Use Licences (WUL) are associated with the TTLIP.

PdC replied that the power lines can span approximately 400m so it will be easy to span any streams, rivers or wetland, but at this stage no WULs are required.

PS informed the attendees that Eskom will apply for WUL(s) should it become necessary.

- 3.11. LM enquired as to when will construction starts for the Jeffrey's Bay Wind Farm.

LQ replied that the first will be turned in mid July 2012.

- 3.12. PdC enquired what would be a reasonable time for Mainstream to provide the TTLIP team with feedback regarding Mainstream's Phase 2 project.

HR informed the TTLIP team that Mainstream still needs to do some planning work on Phase 2 of the Jeffrey's Bay Wind Farm and confirmed that feedback would be forwarded by Monday 25th of June 2012.

- 3.13. PdC informed Mainstream that the updated shape files will be submitted to them ten (10) days after the fly-over. The fly-over is scheduled for Wednesday 27 June 2012.

4. WAY FORWARD & CLOSURE

- 4.1. Route fly-over on Wednesday 27 June 2012.

- 4.2. Possible MOA between Eskom and Mainstream regarding the co-existence of both their projects / developments

Responsible person: LM

Delivery date: 31 August 2012

- 4.3. Buffer zone information to Mainstream.

Responsible person: LM

Delivery date: 13 July 2012

- 4.4. Shape files of the current Northern and Southern Corridors to Mainstream

Responsible person: NV

Delivery date: 20 June 2012

Completed: E-mail dated 20 June 2012

- 4.5. Corridors to be fixed before Reports being made available for comment.

- 4.6. Feedback required from Mainstream regarding their planning for Phase 2 of Jeffrey's Bay Wind Farm

Responsible person: HR

Delivery date: 25 June 2012

- 4.7. Updated shape files to Mainstream after fly-over.

Responsible person: PdC

Delivery date: 13 July 2012 (tentative)

5. **Meeting ended at 14h45**