UNITED DOWNS DEEP GEOTHERMAL POWER

Minutes of the Meeting of the United Downs Community Liaison Group (CLG)

Meeting No: **10**

Date: **2nd October 2024**

Location: **GEL Office, United Downs**

Present:

Greg Foxwell (Gwennap Parish Council), James Biscoe, Chris Bosworth (Lanner Parish Council), James Beer (St Day Parish Council), John Carley, Peter Chesworth (Chacewater Parish Council), Phil Blease, Clare Sylvester (Stithians Parish Council), Loveday Jenkin (Cornwall Councillor covering Wendron Parish), Ross Durkin (Wendron), Ian Nicholls (In Steel), Jane Charman, Claudia Malam, Bethany Luke (GEL).

No	Item	Action
1.	Welcome and introductions. Greg Foxwell chaired the meeting and welcomed everyone. Introductions were made, including Loveday Jenkin and Ross Durkin – representing Wendron Parish – and Bethany Luke, GEL's Social Media and Digital Marketing Officer	
2.	Apologies Eden Flooring (Local Business) Environment Agency Bettina Holland County Tyres Jennifer Carpenter CFS	
3.	Minutes of last meeting on 24th April 2024 Matters arising: Distribute copies of the flyer for the site open days – they were sent by Jane Charman.	
4.	Report from Geothermal Engineering Ltd Jane Charman (Community Engagement and Education Manager) Jane explained that Loveday and Ross were attending the meeting on behalf of Wendron Parish to observe how a CLG meeting is run in preparation for setting up a CLG for the Mahany geothermal project site. CLG members were told about the power plant commissioning meeting that was happening at the same time, which meant Charlotte Wilkins was unable to give an update report to the group. CLG members were informed about site progression by Jane, the large components are in, and they are being connected together at the moment. The power plant at this site will remain uncovered so people can view the components, other sites will be housed in a structure in-keeping with the surrounding area with the exception of the cooling fans.	

	For the attendees who were not part of the CLG during the geothermal well testing, Jane explained how the 2nd phase of the testing process had induced low-level seismic activity. Although seismicity did not occur when the power plant simulation took place for 7 continuous days, it is therefore unlikely that there will be seismic activity when the power plant operations begin, however, GEL felt a short refresher would be diligent, so the GEL seismicity explanation animation was shown to the group. GEL will be reminding the community and stakeholders over the coming weeks by publicising the bespoke seismicity animation GEL has on its YouTube channel. Deep Geothermal Projects and Seismicity Explanation Narrated By Prof Iain Stewart (youtube.com) To put the included seismicity into context, the group was reminded that since the 1980's Cornwall has recorded over 600 natural seismic events. It was also noted that geothermal projects use the same protocols as quarrying and mining, which means ground motion is monitored. These protocols allow ground movement up to 8.5 mm/s. During the second phase of geothermal well testing at United Downs, the maximum movement recorded was 0.8 mm/s. GEL has ground motion detectors as well as seismic monitors on the site and at strategic locations in the surrounding area. Jane explained how magnitude readings need to take into account the depth as this will affect ground movement. GEL has a protocol for monitoring and reporting seismic events. The attendees were reminded that they can contact Jane at any time via email if they or members of the community have questions about induced seismicity. Jane reiterated that she has access to her GEL emails out of hours.	
5.	A.O.B. GEL is a member of the Critical Raw Materials - Geothermal (CRM-Geothermal) project. Attendees were shown a poster for a Levin Sources workshop event on 9th October 2024. Open to the public, this event will ask the community how they like to be communicated with regarding subsurface projects. Paper copies of the poster were also supplied.	
6.	Feedback from attendees Resend leaflets about the United Downs open days and the CRM-Geothermal workshop.	JC
7.	The attendees were taken onto the viewing platform escorted by Jane and Claudia to see the progress that has been made on the site since the last CLG meeting and to point out each of the power plant components.	
8.	Date of the next meeting **Wednesday 15th January 2025** – 8:15am for refreshments, meeting starts at 8:30am (This date may change depending on power plant commissioning).	