

Saturday, 27th May

8:30 - 18:30

Excursion in south Iceland - two different Power Plants & Carbfix

The tour begins at 08:30 from Grand Hotel

We follow Iceland's main road, route 1, some 25 km to the east where we reach Hellisheiði. Hellisheiði is a lava plateau east of Reykjavik approximately 380 m high. The area has a high amount of geothermal activity, as can be seen in nearby hot springs. The best example, however, can be found at the Hellisheiði geothermal power station.

Hellisheiði Geothermal Power Plant & Carbfix - Hellisheiði Geothermal Exhibition

We will arrive at the power station at about 09:00. At the power station we will have a 2 hour stop where one can experience first-hand how green, sustainable energy is produced at one of the largest single-site geothermal power plant on the planet, Hellisheiði ON Power plant.

Visitors to the geothermal exhibition are presented with a unique and exciting opportunity to learn about geothermal power and sustainable energy in Iceland. Visitors can see into the turbine halls of the plant, enjoy interactive and educational displays, and learn about ON's partnership with Carbfix, a leading solution for CO2 storage. You will experience first-hand how electricity is produced for the national grid and hot water for the capital region.

At Hellisheiði ON Power plant we will also meet representatives from Carbfix who will give us a presentation on their natural and permanent storage solution by turning CO2 into stone underground. The guided tour of the exhibition are including a visit out to a Carbfix reinjection borehole.

The Old Dairy Foodhall

From Hellisheiði ON Power plant we will head east along route 1 to the town of Selfoss, where a lunch break is planned at The Old Dairy Foodhall, 11:30-12:30. The Old Dairy offers a variety of restaurants to choose from with cuisines from all over the world and focus on local ingredients. Expected stop at The Old Dairy is about 1 hour and participants in the tour can buy food to their liking.

At 12:30 the bus leaves from Selfoss and we will drive through the farmlands of south Iceland and arrive at Þúrfell hydroelectric powerstation at 13:30.

Þúrfell II Hydroelectric Power Station - The new power station was built underground in 2018, including canals and tunnels.

After brief introduction by the Site Manager, the visitors will take a guided tour through the headrace tunnel into the powerhouse cavern where the site manager and the project manager from the project will describe the underground excavation works and the main challenges encountered during the various stages of the excavation stages in the underground complex.

After the tour, the visitors will receive refreshments at the Power Plant's main dining room.

The visitors will leave the Þúrfell site at around 15:30.

Thingvellir National Park

On the way from Þúrfell, we will drive through the National Park Þingvellir and make a short stop there on the way to Reykjavik.

Approx. arrival at Grand Hotel is 18:30

