

Case Study: Green Mountain



**Green
Mountain**

"Tier Certification has proven critical in many of our client's decisions to move to Green Mountain. In addition to the importance of the certification itself, the process of the certification helped us to continue to professionalize and streamline our operations."

"We believe that the future will dictate that a quality data centre provider will have their data centres and their operational processes certified by Uptime Institute."



Svein Atle Hagaseth
CSO
Green Mountain

The Challenge

Norway's Green Mountain designs, builds and operates high security, wholesale colocation data centres. One of the largest operators in this sector with clients in Finance, IT, Government, Health, and Oil & Gas, the company is located in Stavanger and Telemark, Norway, with further plans for growth. Green Mountain targets the high-end data centre market, primarily companies requiring high availability, high-quality services. Green Mountain needed to clearly illustrate to those customers and prospects what it means to be high-quality and high availability, for those customers requiring 100% uptime for their mission-critical operations.



The Solution

Green Mountain operates two Uptime Institute Tier III certified data centres in Norway, both on 100% low-cost renewable power. The two data centres, DC1-Stavanger and DC2-Telemark were the first Nordic colocation facilities to achieve Uptime Institute Tier III certification. The Stavanger data centre is built deep inside a mountain in a former high-security NATO ammunition storage facility on the west coast of Norway. The data centre benefits from free cooling from the adjacent fjord, achieving world-class efficiency. At the same time, it leverages abundant access to low cost, renewable hydropower.

The data centre in Telemark (DC2-Telemark) is located at Rjukan in the Telemark region and is at the heart of the Norwegian hydropower production. There are six large power stations in the immediate vicinity, making it the most robust power point in Europe. Through the data centres and by partnering with high-quality providers, Green Mountain aims to offer even better value to customers and provide efficient and sustainable choices for colocation – green colocation.

Green Mountain achieved Tier III Certification of Constructed Facility to further validate and back up their high availability claims for their customers. They wanted to make sure that they worked with the Uptime Institute team of experts to document their processes and understand any scenarios that can happen, and how to address any issues.



"High quality means Uptime Institute Tier Certification. We are not only saying we have very good data centres, we back it up."

"The Uptime Institute Tier Standard is the only standard worldwide that certified data centre infrastructure to this level of quality. We prove our quality through Uptime Institute"



Svein Atle Hagaseth
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The Outcome

Green Mountain believes their Uptime Institute Tier III certification status increases their ability to:

- Appeal to high-end customers and improve competitive positioning in the market by differentiating the company's sustainability, strength and proven methodology
- Attain further operational efficiencies within the facilities, improving performance, efficiency, and reliability of critical infrastructure.

"Any customer with mission-critical data should require their suppliers to be Tier Certified by Uptime Institute. This is the only way for a customer to know that their data centre is built and operated to secure the high level of quality that customers need," said Svein Atle Hagaseth, CSO, Green Mountain

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