

RELAYABLE POWER

Arcteq Relays Newsletter



110 kV/22 kV Hòa Bình 1 Wind farm project

Arcteq won the protection and bay control device contract to the off-shore 50,000 kW wind power collector station in Hòa Bình district in Bạc Liêu Province, Vietnam.

Arcteq AQ 300 and AQ 200 series protection and control IEDs along with AQ 100 arc protection systems were supplied to the wind power collection.

Regional sales manager Mr. Xiaoming Ni is very pleased: "It is a trust-built project for us in Vietnam, we will continue to work with Vietnam Electricity (EVN) to develop other upcoming wind projects in the near future".

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PROJECT**

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PROTECTION
SECURED BY ARCTEQ**

**AQ-103 PREMIERE
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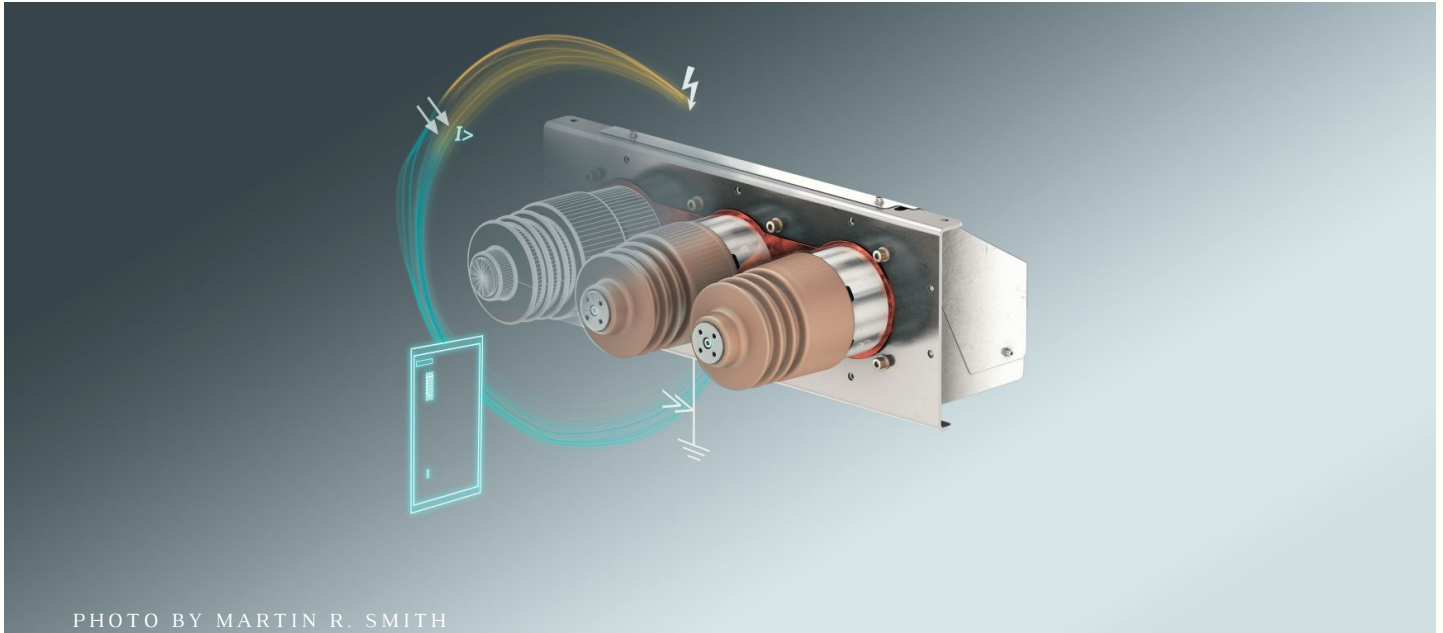


PHOTO BY MARTIN R. SMITH

The strong and robust SIQuench arc quenching device is commanded to close by AQ100 series relays simultaneous light and current activation.

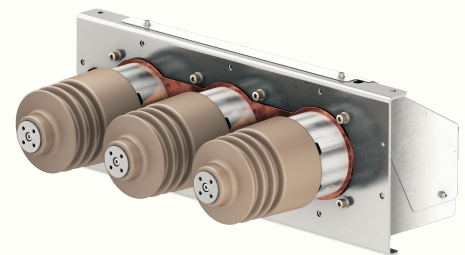
Arcteq signs sole rights for Siemens SIQuench supply

Siemens has relied on Arcteq know-how and technology for years, and we are very proud to announce that Arcteq has signed an agreement making Arcteq Relays the sole supplying company for SIQuench Arc Quenching Device.

SIQuench is, without a doubt, the best in its class in the world. It has a long technological lead, and it's developed to work with Arcteq AQ-100 series relays. SIQuench has high technical specifications: it is rechargeable with a 24 kV voltage level, and it can withstand a 50 kA short circuit current for 3 seconds, and up to five full short circuit shots.

Several protections are already delivered, and Arcteq Relays Arcteq Relays Arc Flash Product Manager, Mr. Mikko Manninen is pleased.

He expressed his appreciation for the SIQuench Arc Quenching device as he declared: "Wow, this is some seriously heavy gear, and it's still incredibly fast"!



SIEMENS SIQUENCH LAUNCH

Arcteq Welcomes you to the Siemens SIQuench launch on March 9th, 2021!
We have prepared two events, one for EMEA and one for Americas, as following:

EMEA 9.3.2021 at 10:00 EET (UTC+02:00), enroll here: https://www.lyyti.in/Siemens_SIQuench_launch_EMEA_4484
AMERICAS 9.3.2021 at 17:00 EET (UTC +02:00), enroll here: https://www.lyyti.in/Siemens_SIQuench_launch_Americas



Equinor arc protection secured by Arcteq

Arc protection is considered an important asset in the offshore Oil and Gas market, where an arc fault could be catastrophic and cause irreplaceable damage to personnel and equipment.

Arcteq partner in Norway, Mongstad Tavle Teknisk AS (MTT), secures arc protection delivery to Equinor. Equinor, one of the world's largest offshore operators, is investing in arc protection for the electrical supply on the Troll oil and gas field.

The first installation will be made in spring 2021 with Arcteq AQ 100 arc protection.

"We have been discussing with Equinor for some time about securing their oil rigs with Arcteq AQ 100 series arc protection. We see this first series of installations as a major breakthrough" says Geir-Håkon Gotaas, Sales Director at MTT.

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Sales Director at MTT

PROTECTION PARAMETER DESIGN AND RELAY CONFIGURATION SERVICE

Arcteq Relays Engineering services can provide a wide range of electrical engineering assistance to ensure high reliability and custom build protection settings that will fit the system like a glove.

Read more about our expertise and services here: <http://www.arcteq.fi/services/>



You can find a video presentation of the premiere installation in Korttesjärvi by clicking this link (or the installation picture):

<https://youtu.be/a28X4lQYrFo>

Get acquainted with AQ-103 (video):

<https://www.youtube.com/watch?v=gbTxzG7ogkw>

Technical information:

<https://www.arcteq.fi/products/aq-103>

AQ-103 Premiere installation in Korttesjärvi substation

The world's first AQ-103 arc protection relay was installed to our customer Esse Elektro-Kraft's 110 / 20kV substation in Korttesjärvi - Finland. In the project, the relay protection of the entire substation was renewed, and at the same time, the new AQ-103 arc protection relay was introduced.

The arc protection relay AQ-103 is connected by Modbus communication to Arcteq's alarm annunciator unit AQ-S254, and thus the pickup of any light-sensitive point sensor can be indicated on the display of AQ-S254. AQ-S254 unit also transmits arc protection system pickups and events directly to the customer's SCADA system. The main contractor in the project was Arcteq's long-term local partner VEO Oy.



ARCTEQ TEAM GROWS

Arcteq Customer Service team is growing again as Pekka Hautio, Testing Engineer, joins the company. Pekka has great experience in testing arc protection devices and protection relays from Schneider Electric, and we are extremely pleased to have him as a part of our Arcteq family.

Summer job in our Production team:

We are offering an interesting summer job in our production team, click the link to find out more:

<https://www.arcteq.fi/careers/tuotannon-kesatyontekija2021/>

IIEE VIRTUAL NATIONAL CONVENTION

Arcteq participated in the 45th virtual annual national convention at the Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE) on November 23-30, 2020.

Our regional sales manager – Mr. Xiaoming Ni hosted a presentation and introduced our most accurate protection relays and IEDs to the Philippine market. Nearly 2000 participants visited our booth and attended the presentation.

Mr. Xiaoming Ni concludes the successful convention: "The Philippines is an unfamiliar country and full of challenges to us, but through this exhibition, it provides us very useful information, and it might help us draw up an area strategy for future. We are opening our arms wide to welcome cooperation with locals."



ARCTEQ TECHNICAL TRAINING

Welcome to Arcteq Technical training! This three-day online training is targeted to Arcteq partners and end customers. We have prepared two events, one for EMEA and one for AMERICAS.

EMEA 14.-16.4.2021, Enroll in the event here: https://www.lyyti.in/Arcteq_Technical_Training_EMEA

AMERICAS: 21.-23.4.2021, Enroll in the event here: https://www.lyyti.in/Arcteq_Technical_Training_Americas

More information can be found here: <https://www.arcteq.fi/events/>