

Why should you choose Hitachi energy for a STATCOM installation?

Each STATCOM installation uses Hitachi Energy's advanced power electronics and technology-leading MACH control and protection solution to provide system strength, instantaneous voltage control, and enable maximum power flow. This technology, which entrusts the MACH control to manage both STATCOM and the synchronous condenser, is market leading.

Does Hitachi have a high power STATCOM?

Its ability to perform active filtering is also very useful for improvements in power quality. Hitachi Energy's offerings in the high power STATCOM field include SVC Light STATCOM as well as PCS 6000 STATCOM, where PCS 6000 STATCOM is applicable for unit ratings up to 40 Mvar and SVC Light STATCOM is applicable for ratings exceeding 40 Mvar.

What is Hitachi energy's power quality solution?

Hitachi Energy's power quality solutions enable grid operators to dampen the destabilizing effects of renewable energy and expand transmission capacity without building new lines. This pioneering technology supports the energy transition by strengthening and stabilizing power grids handling larger amounts of renewable energy.

Who is Hitachi energy?

Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all. We serve customers in the utility, industry and infrastructure sectors with innovative solutions and services across the value chain.

How does Hitachi energy support the energy transition?

Hitachi Energy's power quality solutions enable grid operators to dampen the destabilizing effects of renewable energy and expand transmission capacity without building new lines. This pioneering technology supports the energy transition by strengthening and stabilizing power grids handling larger amounts of renewable energy.

What is Hitachi energy doing in 2024?

Zurich, April 4, 2024 - Hitachi Energy has won an order from SP Energy Networks to design and deliver a first-of-its-kind power quality solution to stabilize the grid and boost the flow of renewable energy from Scotland to England.

Plan d'Hitachi Energy 2030. Promouvoir un avenir énergétique durable pour tous. En savoir plus. Témoignages de clients. ... Les solutions STATCOM d'Hitachi énergétique basées sur PCS 6000 signifient une performance technique et un fonctionnement économique élevés. PCS 6000 permet aux clients de maximiser l'efficacité opérationnelle ...

Hitachi Energy is calling for immediate action to expand global power grids, reduce connection bottlenecks, and accelerate the energy transition by increasing the deployment of innovative power electronics technology. ... Hitachi Energy's Grid-enSure solutions, such as Enhanced-STATCOM, store energy in the form of supercapacitors controlled ...

The STATCOM system including controls, power electronics and cooling unit are tailor made for fulfilling the customer specific requirements. PCS 6000 converter. The PCS 6000 STATCOM uses advanced IGCT technology (Integrated Gate Commutated Thyristor) that has been developed by Hitachi Energy from a proven bipolar semiconductor background (GTO).

Le offerte di Hitachi Energy nell'ambito STATCOM ad alta potenza includono SVC Light STATCOM e PCS 6000 STATCOM: PCS 6000 STATCOM &#232; destinato a classificazioni unitarie di fino a 40 Mvar e SVC Light STATCOM &#232; a quelle superiori a 40 Mvar. ... Hitachi Energy ha fatto s&#236; che il concetto di progettazione del sistema a container modulari ...

As ofertas da Hitachi Energy no campo STATCOM de alta pot&#234;ncia incluem o SVC Light STATCOM, bem como o PCS 6000 STATCOM, em que PCS 6000 STATCOM &#233; aplic&#225;vel para classifica&#231;&#245;es de unidades de at&#233; 40 Mvar e SVC Light STATCOM &#233; aplic&#225;vel para classifica&#231;&#245;es superiores a 40 Mvar. ... A Hitachi Energy garantiu que o conceito de design do ...

El uso de estos potentes componentes significa que la huella de STATCOM puede ser extremadamente peque&#241;a, y Hitachi Energy ha marcado este concepto de STATCOM de alto rendimiento SVC Light &#174;. Instalar un STATCOM en uno o m&#225;s puntos aptos de una red aumentar&#225; la capacidad de transferencia de energ&#237;a, mejorar&#225; la estabilidad de la tensi&#243;n ...

Zurich, February 13, 2024 - Hitachi Energy has signed a major order with German state-owned transmission system operator, TransnetBW to enable the expansion of renewable energy and stabilization of the grid. Hitachi Energy will ...

Plan 2030 de Hitachi Energy. Promover un futuro con energ&#237;a sostenible para todos. M&#225;s informaci&#243;n. Estudios de Caso. ... El nuevo STATCOM para la energ&#237;a distribuida se une a nuestra cartera, si necesita una calidad de energ&#237;a que mejore la confiabilidad y estabilidad de su operaci&#243;n. Marcamos todas las casillas.

Hitachi Energy 2030 Plan. F&#246;rderung einer nachhaltigen Energiezukunft f&#252;r alle. Erfahren Sie mehr. ... Die Verwendung dieser leistungsstarken Komponenten bedeutet, dass der Fu&#223;abdruck des STATCOM extrem klein sein kann, und Hitachi Energy hat dieses leistungsstarke STATCOM-Konzept SVC Light &#174; gebrandet.

Hitachi Energy STATCOM, under the brand name of SVC Light®, is based on chain-link modular multilevel (MMC) voltage source converters (VSC), particularly adapted for power system applications. It is capable of providing high reactive power in grids more or less unimpeded by suppressed voltages, and with a high dynamic response.

Die STATCOM-Lösungen von Hitachi Energy auf Basis von PCS 6000 stehen für hohe technische Leistung und wirtschaftlichen Betrieb. PCS 6000 ermöglicht es Kunden, die betriebliche Effizienz und Anlagenauslastung, hohe Zuverlässigkeit und Rentabilität zu maximieren, die Netzwerkstabilität zu erhöhen und die Stromqualität zu verbessern.

Since these are being replaced by renewables as part of the energy transition, TransnetBW has had to look at new technologies, which is where the deal with Hitachi Energy comes in. The planned STATCOM GFM ...

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Plan d'Hitachi Energy 2030. Promouvoir un avenir énergétique durable pour tous. En savoir plus. Témoignages de clients. ... Les offres d'Hitachi Énergie en matière de STATCOM de haute puissance comprennent le SVC Light STATCOM ainsi que le PCS 6000 STATCOM : le PCS 6000 STATCOM convient aux unités dont la puissance nominale est ...

Hitachi Energy STATCOM, bajo la marca SVC Light®, se basa en convertidores de fuente de voltaje (VSC) multinivel (MMC) modulares de eslabones de cadena, especialmente adaptados para aplicaciones de sistemas de energía. Es capaz de proporcionar una alta potencia reactiva en las redes más o menos sin impedimentos por los voltajes suprimidos ...

Hitachi Energy STATCOM unter dem Markennamen SVC Light®; basiert auf modularen Multilevel (MMC)-Spannungsquellenwandlern (VSC) mit Kettengliedern, die speziell für Stromversorgungsanwendungen angepasst sind. Es ist in der Lage, hohe Blindleistung in Netzen mehr oder weniger ungehindert durch unterdrückte Spannungen und mit einer hohen ...

Web: <https://gmchrzaszcz.pl>