



Smarter grid Singapore

Why is Singapore investing in smart grid technology?

Singapore has invested steadily in research in smart grid technologies in the past decade. These investments have grown a strong base of researchers with expertise in the smart grid and power electronics domain.

What is the Smart Grid & Power Electronics Consortium Singapore?

The Smart Grid and Power Electronics Consortium Singapore (SPECS) is set up to provide a platform for companies to access the latest technologies developed by these researchers, and to translate them into commercially-viable products and services.

Why should Singapore invest in a grid digital twin?

Through these initiatives, Singapore will have smarter and more efficient ways of monitoring and predicting the health of the nation's grid assets and network. In addition, the Grid Digital Twin allows for a risk-free environment to study and test different scenarios.

How reliable is Singapore's electricity grid?

The electricity grid in Singapore is currently amongst the most reliable and robust in the world with intelligent systems already installed in the generation and transmission network. The grid performance of Singapore's electricity network far exceeds that of other cities and countries.

The smart grid, to be developed in the Punggol Digital District, has been awarded to a consortium of Singapore-headquartered global decarbonisation software firm Unipers and locally based power generator and ...

Smart grids are digitally-enhanced versions of the conventional electricity grid, with a layer of communications network overlaying the traditional grid. They are a key enabler for energy security and reliability and integration

Khoo and his team recently launched Southeast Asia's first trial of vehicle-to-grid integration to test and verify the possibility of using the energy stored in EVs to cater for demand on the grid, and to support the increased demand when Singapore phases out internal combustion engine vehicles.

Khoo and his team recently launched Southeast Asia's first trial of vehicle-to-grid integration to test and verify the possibility of using the energy stored in EVs to cater for demand on the grid, and to support the increased ...

Through these initiatives, Singapore will have smarter and more efficient ways of monitoring and predicting the health of the nation's grid assets and network. In addition, the ...



Smarter grid Singapore

A Smart Grid system that provides green energy and increases energy efficiency will serve businesses and consumers in the upcoming Punggol Digital District (PDD). JTC and SP Group signed a Memorandum of Understanding (MOU) to collaborate on the Smart Grid at the Asia Clean Energy Summit 2018 today, witnessed by Minister for the Environment and ...

Into its fourth year, the SGI is a benchmarking tool for key players in the industry to share and drive best practices on smart grid advancement. A total of 86 utilities across 37 countries participated in this year's indexing exercise.

A Smart Grid system that provides green energy and increases energy efficiency will serve businesses and consumers in the upcoming Punggol Digital District (PDD). JTC and SP Group ...

Last week, JTC announced that it has appointed a Singapore-based consortium involving global decarbonisation firm, Univers, and local power generator and retailer, PacificLight Power, to design, build and operate the smart grid.

Singapore invested S\$55 million in a Research & Development (R&D) program called Grid 2.0 to develop a next generation grid system. Grid 2.0 will transform how energy supply and demand are managed, creating a single intelligent network that is more efficient, sustainable and resilient.

The smart grid, to be developed in the Punggol Digital District, has been awarded to a consortium of Singapore-headquartered global decarbonisation software firm Univers and locally based power generator and retailer PacificLight Power.

Technologies in these areas will help to achieve energy savings, and support a smarter grid system that is secure and resilient. SPECS is a national consortium that will be hosted at Nanyang Technological University, Singapore (NTU Singapore).

Through these initiatives, Singapore will have smarter and more efficient ways of monitoring and predicting the health of the nation's grid assets and network. In addition, the Grid Digital Twin allows for a risk-free environment to study and test different scenarios.



Smarter grid Singapore

Web: <https://mikrotik.biz.pl>

