



MEDIA RELEASE

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Call for Proposals to Develop NB-IoT-enabled Advanced Electricity Meters

As part of the national drive towards greater energy efficiency for a more sustainable future, advanced electricity meters will be progressively rolled out to households. When completed by 2024, over 1.4 million consumer accounts (mainly households) will be empowered to use energy more efficiently.

2. Said Mr Ngiam Shih Chun, Chief Executive of the Energy Market Authority (EMA): "Advanced electricity meters can help consumers use energy in smarter ways to do their part for a greener future. For instance, households with advanced electricity meters today can already access their half-hourly electricity usage using the SP Utilities app. This helps them better understand their consumption patterns, take steps to manage their usage and be more energy efficient."

3. EMA has issued a Call for Proposals (CFP) today to develop and test-bed advanced electricity meters which operate on the Narrowband Internet-of-Things (NB-IoT) wireless communications technology. Interested parties such as meter manufacturers are required to partner with telecommunications companies to submit joint proposals to deliver a secure and cost-effective solution for remote meter reading and transmission of the meter data.

4. This CFP is a collaboration between the EMA, Smart Nation and Digital Government Group (SNDGG) and utilities provider SP Group. It is part of a broader effort between SNDGG and public agencies to leverage wireless technologies such as NB-IoT for harnessing sensor data for the benefit of the public.

5. The Government's push for a unified IoT network to meet the diverse needs of sensors, robotics, and IoT systems (such as connected appliances and smart home security systems) is a key initiative under the Smart Nation Sensor Platform. This is a strategic national project to adopt smart technologies to improve urban planning and bring about greater convenience to all Singaporeans.

6. The CFP closes at midnight on 24 September 2020 (Thursday). Details can be found at www.ipi-singapore.org/technology-needs on the technical specifications and requirements of the CFP.

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About the Energy Market Authority

The Energy Market Authority is a statutory board under the Ministry of Trade and Industry. Our main goals are to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Through our work, the EMA seeks to forge a progressive energy landscape for sustained growth.

Website: www.ema.gov.sg | Follow us: Instagram: @EMA_Singapore | Facebook: facebook.com/EnergyMarketAuthority | Twitter: @EMA_sg

About Smart Nation and Digital Government Office

The Smart Nation and Digital Government Office (SNDGO), under the Prime Minister's Office (PMO), plans and prioritises key Smart Nation projects, drives the digital transformation of government, builds long-term capabilities for the public sector, and promotes adoption and participation from the public and industry, to take a collective approach in building a Smart Nation.

For more information, please visit www.smartnation.gov.sg.

About Government Technology Agency

The Government Technology Agency of Singapore (GovTech) is the lead agency driving Singapore's Smart Nation initiative and public sector digital transformation. As the Centre of Excellence for Infocomm Technology and Smart Systems (ICT & SS), GovTech develops the Singapore Government's capabilities in Data Science & Artificial Intelligence, Application Development, Sensors & IoT, Digital Infrastructure, and Cybersecurity.

GovTech supports public agencies to manage enterprise IT operations and develop new digital products for citizens and businesses. GovTech is the public sector lead

for cybersecurity, and oversees key government ICT infrastructure, as well as regulates ICT procurement, data protection and security in the public sector. GovTech is a Statutory Board under the Smart Nation and Digital Government Group (SNDGG) in the Prime Minister's Office.

For more information, please visit www.tech.gov.sg.

About SP Group

SP Group is a leading energy utilities group in the Asia Pacific. It owns and operates electricity and gas transmission and distribution businesses in Singapore and Australia, and district cooling businesses in Singapore and China. SP Group is committed to providing customers with reliable and efficient energy utilities services. About 1.6 million industrial, commercial and residential customers in Singapore benefit from SP Group's world-class transmission, distribution and market support services. These networks are amongst the most reliable and cost-effective world-wide. SP Group also drives digital solutions to empower customers to manage their utilities, reduce consumption and save cost.

For more information, please visit spgroup.com.sg or for follow us on Facebook at fb.com/SPGroupSG and on Twitter [@SPGroupSG](https://twitter.com/SPGroupSG).

