



Contact iGR

Iain Gillott

iain@iGR-inc.com

New iGR study provides a five-year forecast of sub 6 GHz, CBRS, mmWave and Wi-Fi node deployments in U.S. energy sector buildings and campuses

Study is part of a new series of iGR market studies that forecast smart building and in-building wireless systems for specific vertical industries

AUSTIN, Texas, January 31st, 2020 – In the U.S. energy sector there are several thousand operating electric distribution companies, refineries and mines. Almost all of these companies rely on both wired networks and wireless/cellular communications, and many of the electric distribution companies (utilities) have built their own wireless/cellular networks over the years for various use cases.

iGR, a market research consultancy focused on the wireless and mobile industry, has just released a new market study that sizes the opportunity for wireless and cellular nodes in energy buildings and campuses. The market study provides a total addressable market forecast and an expected actual deployment forecast for the number of nodes in electric distribution companies (power plants) and refineries & mines. The two nodes forecasts are further split by type of technology used: sub 6 GHz, CBRS, mmWave, and Wi-Fi. The power plants forecast is split by the predominant energy source in the plant, such as coal, petroleum, natural gas, etc., and the mines & refineries forecast is further split into oil refineries and coal mines.

This market study is the eighth in a new series of reports from iGR looking at specific vertical industries and building types.

“LTE and 5G NR, along with the Internet of Things (IoT) technologies and standards, are going to allow utilities to transition from their purpose-built, often legacy, wireless/cellular networks to secure, scalable, standards-based networks,” said Iain Gillott, president and founder of iGR. “With these new networks, the energy sector will be able to implement many use cases that improve operational efficiencies and reduce costs.”

iGR’s market study, [**U.S. Energy Sector Buildings & Campuses: Wireless and Cellular Nodes Forecast, 2019-2024**](#), provides a five-year forecast for the number of sub 6 GHz, CBRS, mmWave

and Wi-Fi nodes expected to be deployed in U.S. energy sector companies, split by power plants and refineries & mines. Five-year total addressable market forecasts for these technologies are also provided. In addition to the forecasts, the market study provides a discussion of current and possible use cases for energy sector buildings and campuses.

The following key questions are addressed in the new study:

- What are the energy sector buildings covered in this report?
- What technologies are required for smart energy sector buildings/campuses?
- What is 5G NR?
- What is CBRS?
- What is Private LTE?
- What are the business and/or use cases for wireless/cellular technologies in the energy sector?
- What is the total addressable market for Sub 6 GHz, CBRS, mmWave and Wi-Fi nodes in the U.S. energy sector buildings/campuses covered in this report?
- How many Sub 6 GHz, CBRS, mmWave and Wi-Fi nodes are expected to be deployed in U.S. energy sector buildings/campuses covered in this report?

The information in this market study will be valuable for:

- Mobile operators, particularly those servicing the U.S. market
- Mobile backhaul providers, including telcos and cable MSOs
- Wired and wireless backhaul vendors and solution providers
- Mobile OEMs, particularly those servicing the U.S. market
- Wired and wireless infrastructure vendors, particularly those servicing the U.S. market
- Financial and investment analysts.

The new market study can be [purchased](#) and downloaded directly from *iGR*'s website at www.igr-inc.com. Alternatively, contact Iain Gillott at Iain@igr-inc.com for additional details.

About *iGR*

iGR is a market strategy consultancy focused on the wireless and mobile communications industry. Founded by Iain Gillott, one of the wireless industry's leading analysts, in late 2000 as *iGillottResearch*, *iGR* is now in its twentieth year of operation. *iGR* continuously researches emerging and existent technologies, technology industries, and consumer markets. We use our detailed research to offer a range of services to help companies improve their position in the marketplace, clearly define their future direction, and ultimately improve their bottom line.

iGR researches a range of wireless and mobile products and technologies, including: 5G, 4G LTE, smartphones, tablets, connected cars, V2X and V2V, mobile applications, bandwidth demand and use, 5G small cell and het-net architectures, 5G new core virtualization, mobile EPC and RAN virtualization, edge computing, in-building wireless, CBRS, mmWave, spectrum farming, DAS, VoLTE, macro-, pico- and femtocells, mobile front/backhaul, WiFi and WiFi offload, and enterprise private LTE.

A more complete profile of the company can be found at www.igr-inc.com.