

ELECTRICAL SYSTEM PLANNING

DESIGNED TO HELP YOUR COMMUNITY SUCCEED

“Enhancing economic development through infrastructure”

Why you should choose **SPECTRUM** for ...

• Smart Grid Solutions

One of your customers, board members, employees or news organizations asks you to describe the “Smart Grid” to them...What do you do? As an industry we all have stumbled out of the blocks with this one.

As Municipal Electric providers, you are faced with the front line responsibility of communicating, educating and implementing this beast that has a name but not an identity.

In creating this identity, let's take a web of complex ideas, technology, applications, and practices and bring them down to a few simple terms.

Devices – with smart technology (meters, sensors, protection gear, storage, computing, load control, generation sources, etc.)

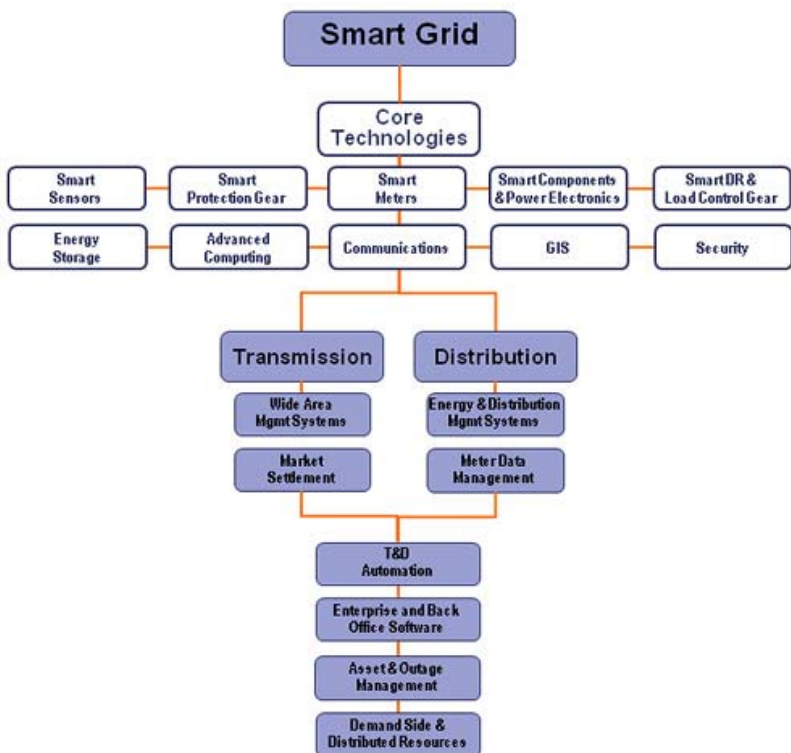
Two-way communications (broadband, fiber, wireless, SCADA, GIS, security, etc.)

Regulatory Issues (Purchased Power agreements, Demand Response, Time Of Use Tariffs, Transmission & Distribution management, etc.)

From this list we can explain the “Smart Grid” identity as follows:

“A comprehensive system developed to use the technical innovations of the digital age to maximize the efficient generation, transmission, distribution and use of electrical energy.”

Over the years, we at Spectrum Engineering have led the way in developing new electric power system technology. If you need more assistance with the “Smart Grid” questions our industry faces, please contact us.



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