Smart Grid Division

SDFA
SDR and 7SC80
References Customers:

Siemens Industry, Inc.

SIEMENS

1. Introduction

Siemens is pleased to provide this approved SDFA information.

The Siemens SDFA solution is a “ready to install” decentralized system of 7SC80 controllers integrated into primary switchgear to form feeder automation systems. The decentralized system architecture with hardened controllers provides best in class availability. This system architecture does not require a PC to operate and is thus almost maintenance free. The system provides a very scalable structure that can address very small 2 source transfer schemes **(ATS)** to very complex multi switch and multi source transfer applications. The 7SC80 controllers can be programmed to perform complex **FLISR** applications or just to perform **recloser control functions**. The 7SC80 “Smart Grid Controller” forms the basis of the SDFA system. This controller was developed for the automation of distribution feeders and can be applied on almost any automated primary switch. The 7SC80 is thus the ideal platform to deploy on Reclosers, Load Break Switches, Pad Mount Switches, Underground Switches and Feeder Circuit Breakers.

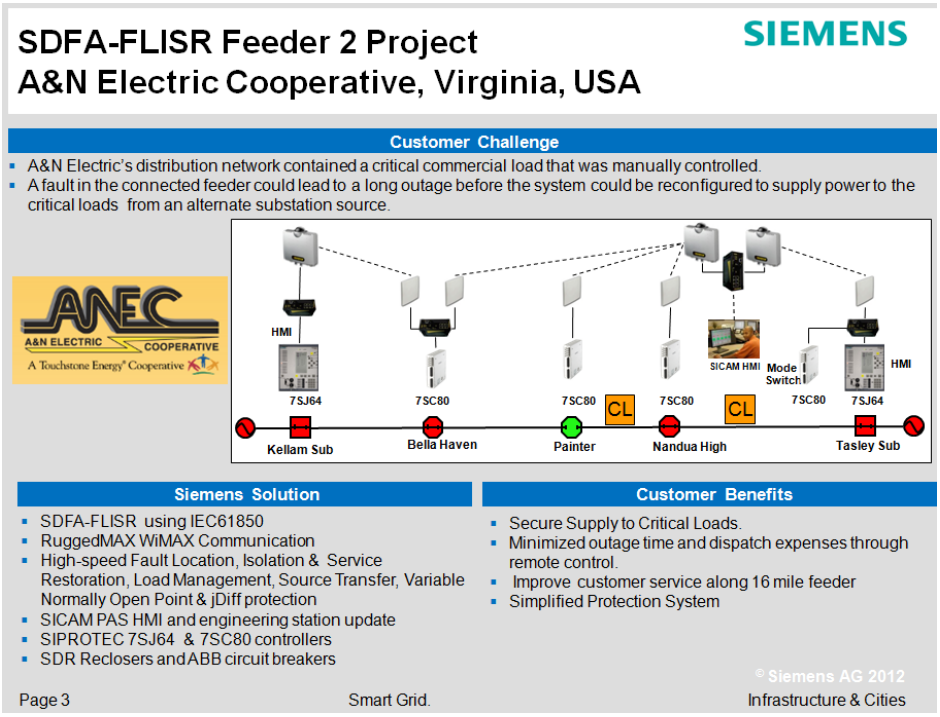
YouTube Testimonials:

SDFA-FLISR **SDFA-ATS**

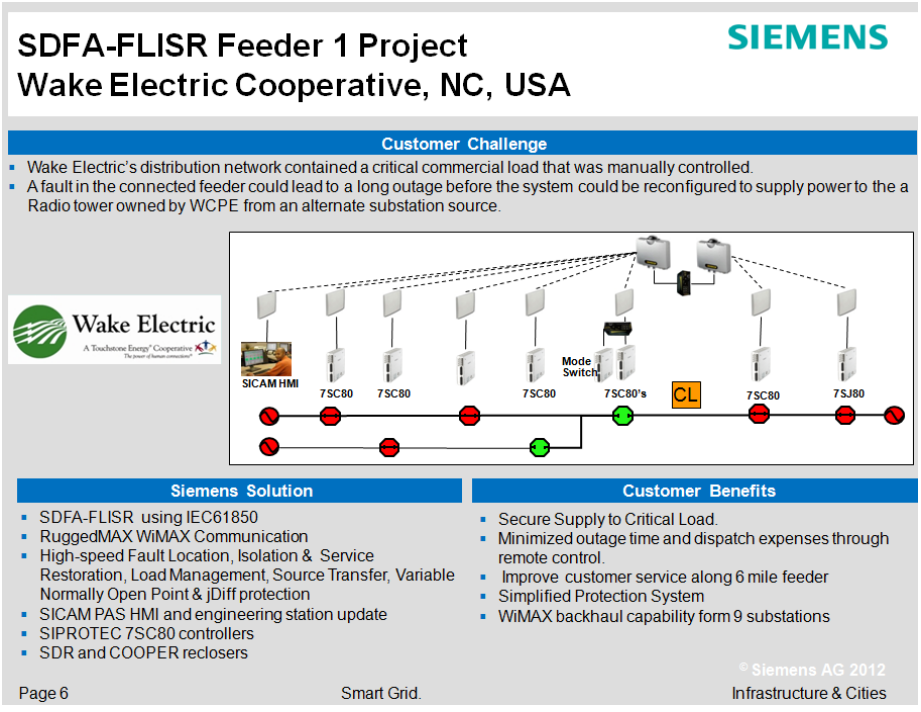
Control Panel

Controller HMI

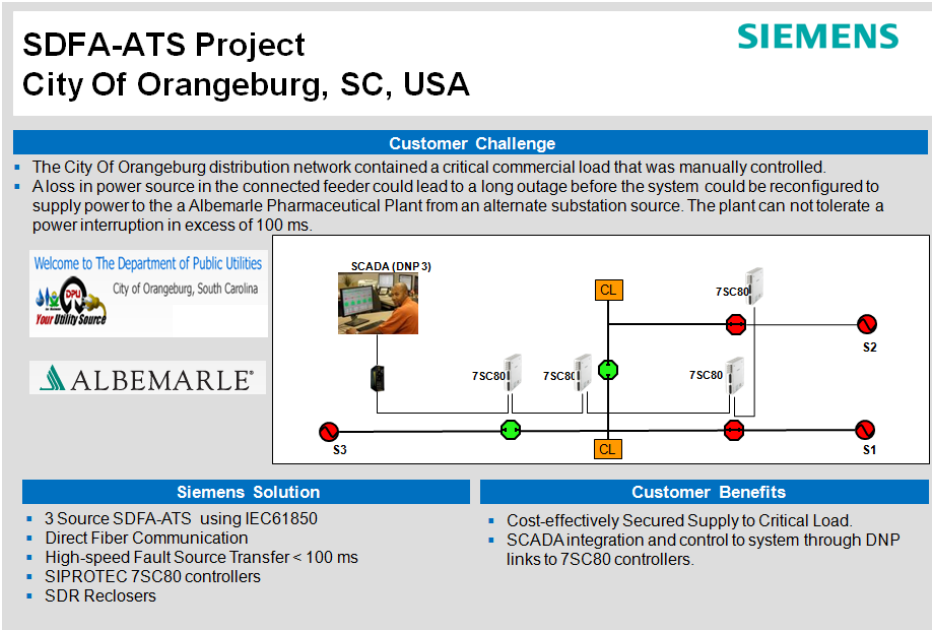
2. References



Contact: Kelvin Pettit Tel: +1 (757) 787-9750 kpettit@anec.com



Contact: Don Bowman Tel: +1(919) 863-6487 don.bowman@wemc.com



Contact: John Bagwell Tel: +1(803) 268-4201 jbagwell@orbgdpu.com

SDFA & 7SC80 Users Include