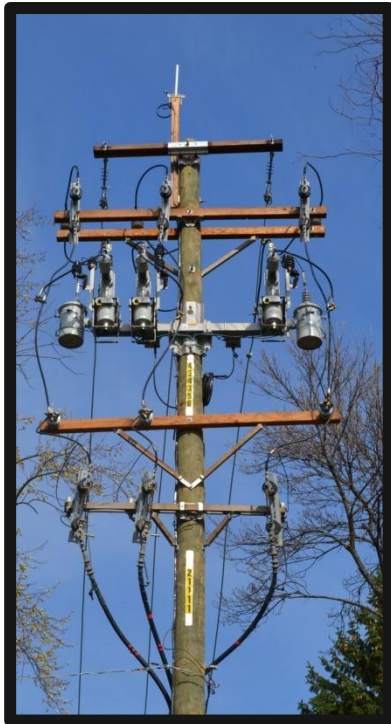




Engineered to order. Built to last.

Automatic Reclosers



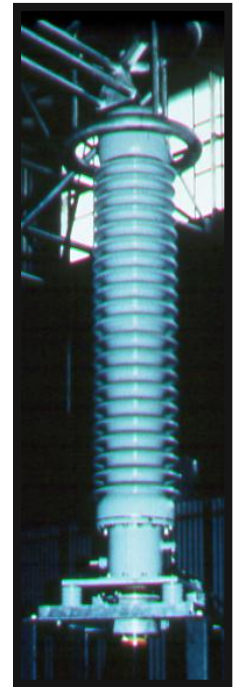
Agenda

- Who is G&W?
- Recloser Basics
- Standalone Recloser in Action
- Automated Reclosers
 - With and Without Communication

Who is G&W?

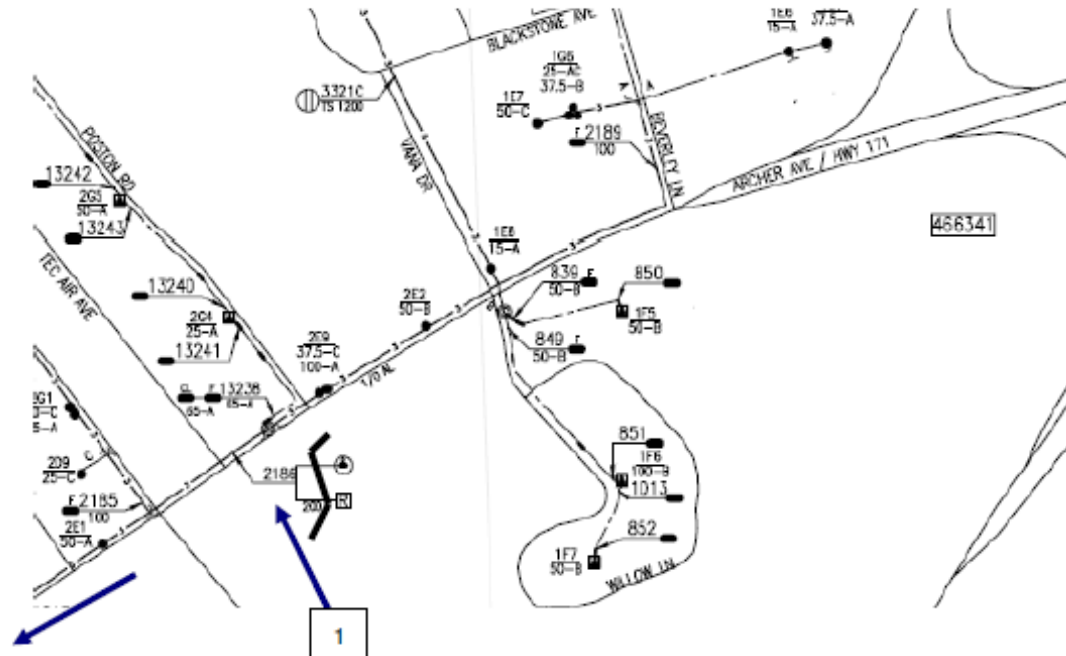


In business in the Chicago area since 1905, in 2012 G&W moved to a new world headquarters in Bolingbrook. From there, they manufacture Solid Dielectric Reclosers, SF6 Insulated and Solid Dielectric Switchgear, Cable Accessories and terminations as well as Current Limiting Protective Devices.

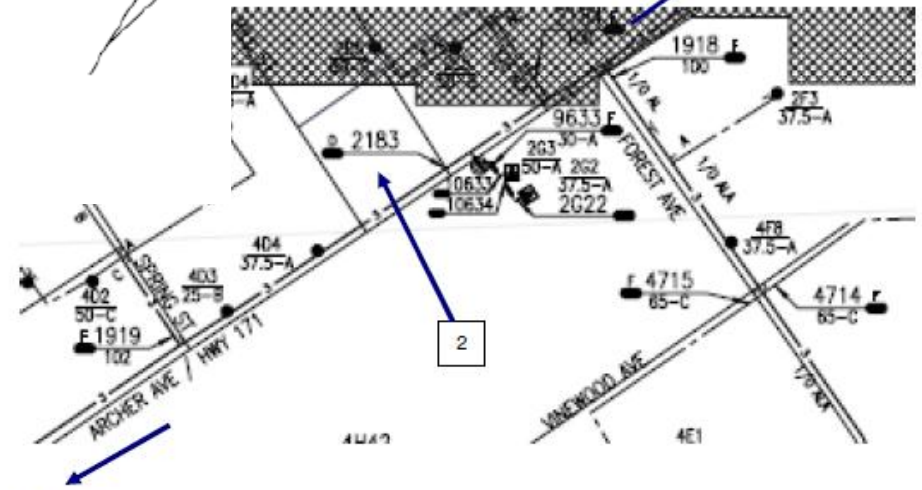


ComEd Automation Pilot

Automated Loop Scheme



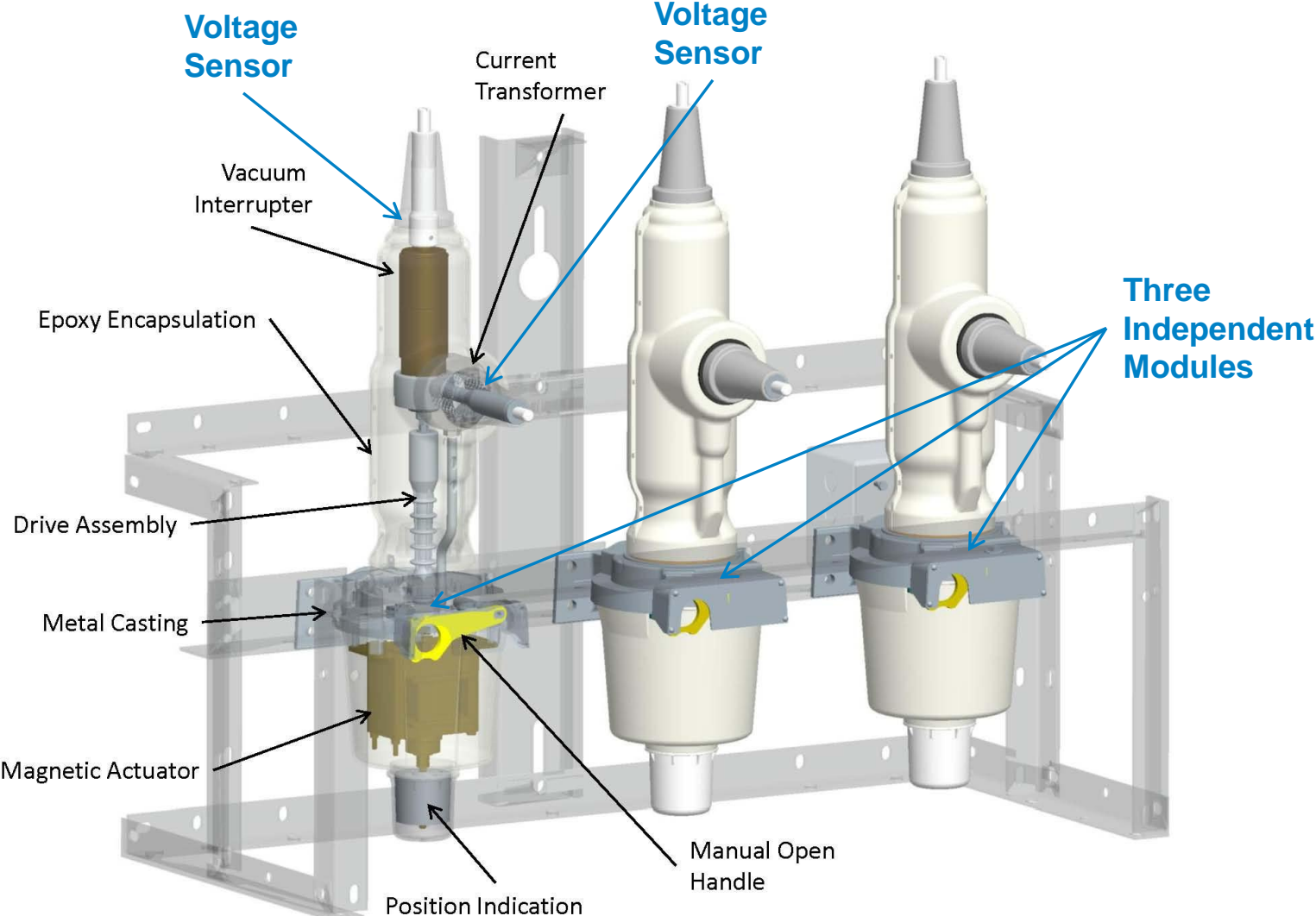
To D9312 Source



To D9312 Source

DATE	REVISION	BY
PROJECT DIAGRAM		
ComEd DISTRIBUTION RELIABILITY		
Install MCR on feeder D9312		
Reliability Engr :	Date : 7/1/2010	
Capacity Planner : Jerry Meier		
Region : Southwest	ITN : 40010	
Project ID# : BSPD017S		
Service Date : 12/31/2011	Page : 1 of 2	
Reliability Mgr. : William F. Allen	Date : 7/1/2010	

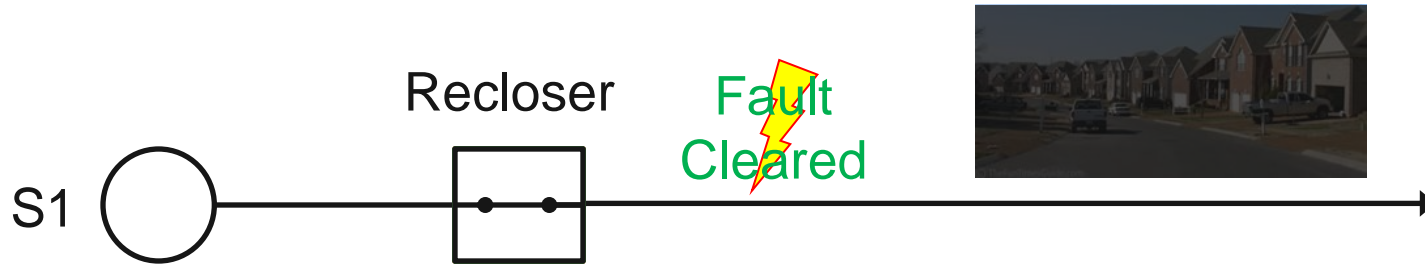
Recloser Components



Recloser in Operation

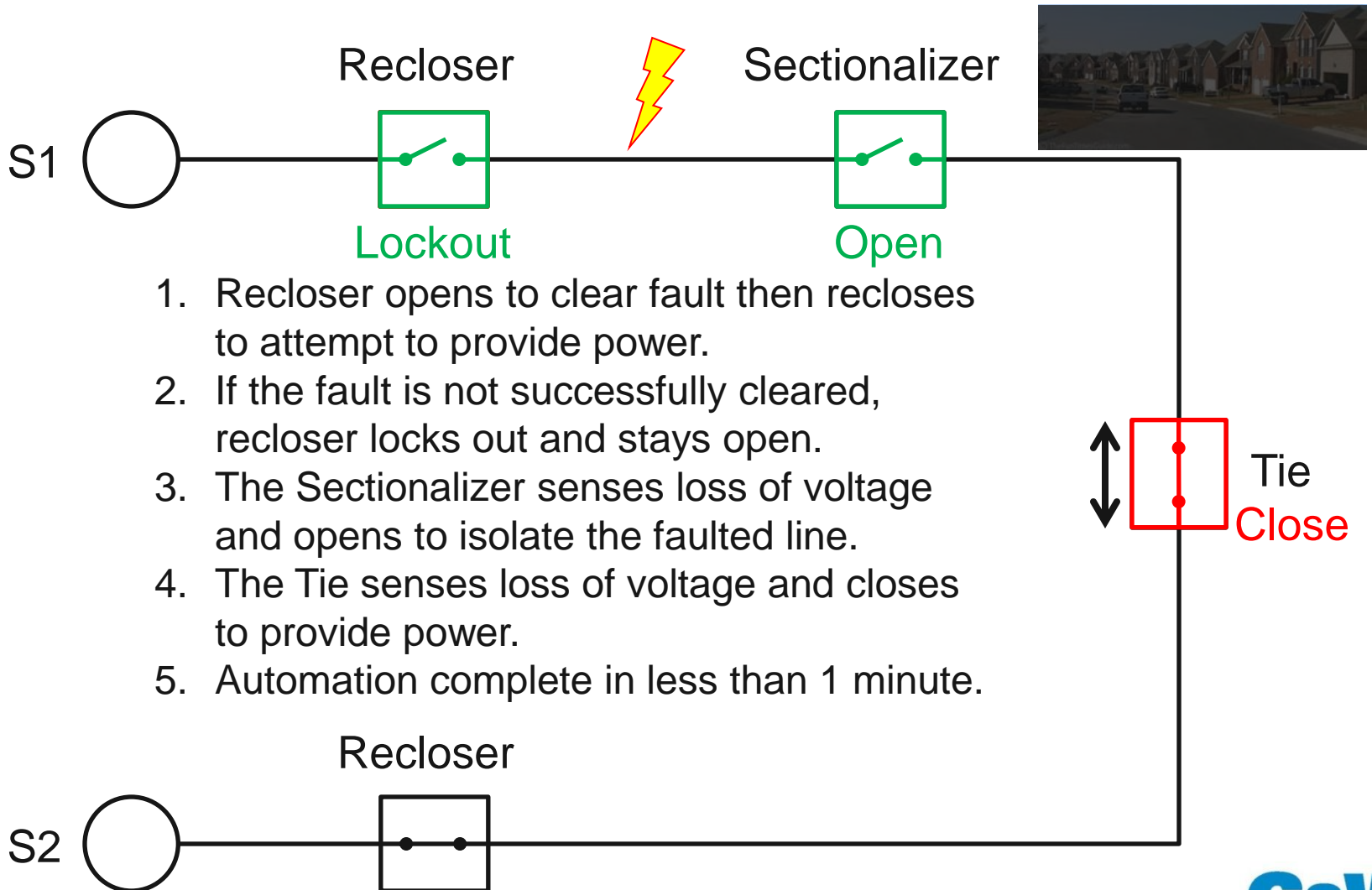


Standalone Recloser



1. Recloser opens to clear fault then recloses to attempt to provide power.
2. If the fault is successfully cleared, power can be delivered again to the energy users.

Automation Without Communication



Automation With Communication

