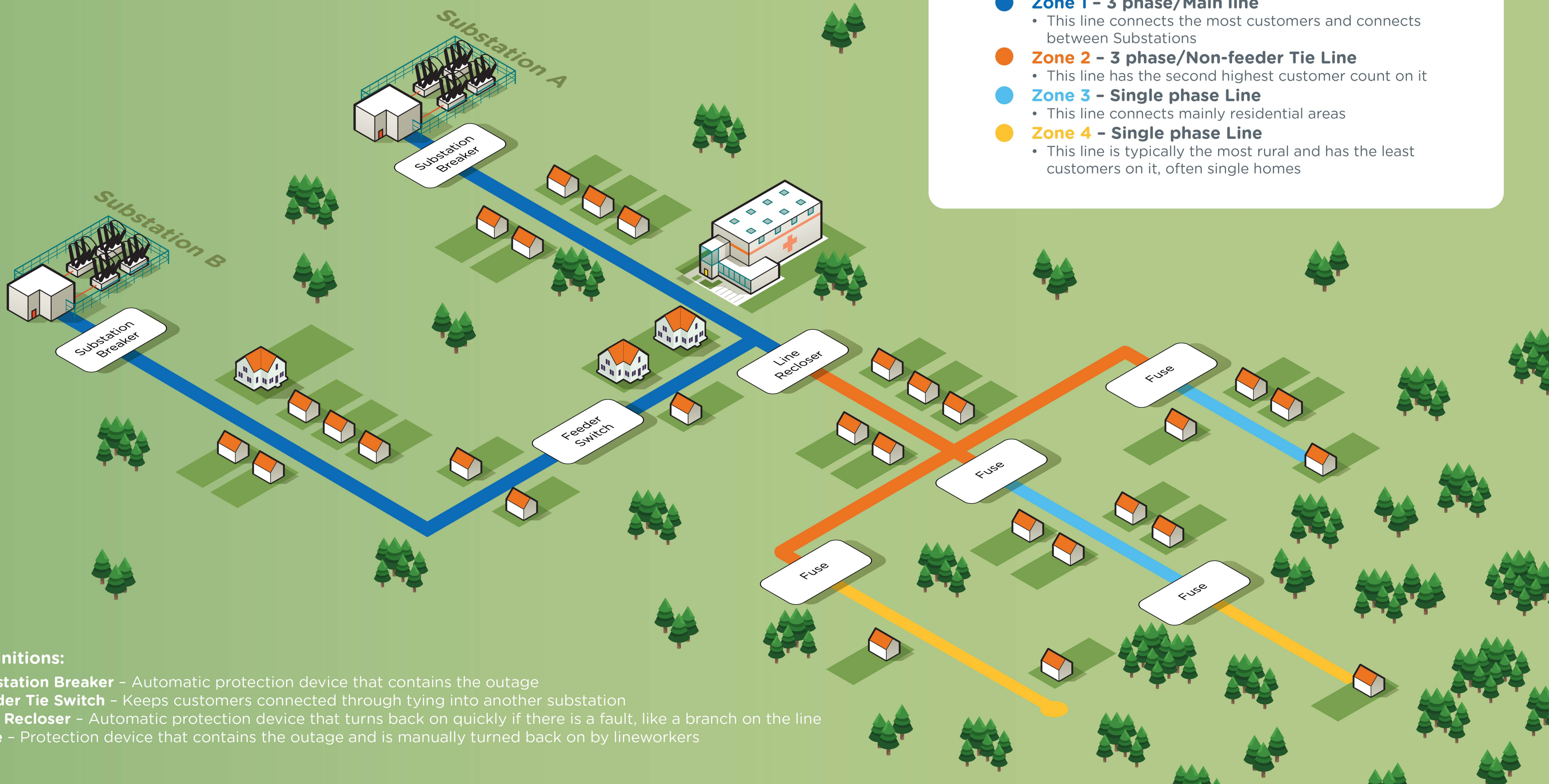


GMP Zero Outages: Distribution Circuit Zones

Circuit Zone Key

- **Zone 1 – 3 phase/Main line**
 - This line connects the most customers and connects between Substations
- **Zone 2 – 3 phase/Non-feeder Tie Line**
 - This line has the second highest customer count on it
- **Zone 3 – Single phase Line**
 - This line connects mainly residential areas
- **Zone 4 – Single phase Line**
 - This line is typically the most rural and has the least customers on it, often single homes



Definitions:

Substation Breaker – Automatic protection device that contains the outage

Feeder Tie Switch – Keeps customers connected through tying into another substation

Line Recloser – Automatic protection device that turns back on quickly if there is a fault, like a branch on the line

Fuse – Protection device that contains the outage and is manually turned back on by lineworkers