



ELITE ENERGY
SOLUTIONS
FORWARD THINKING,
SUSTAINABLE SOLUTIONS

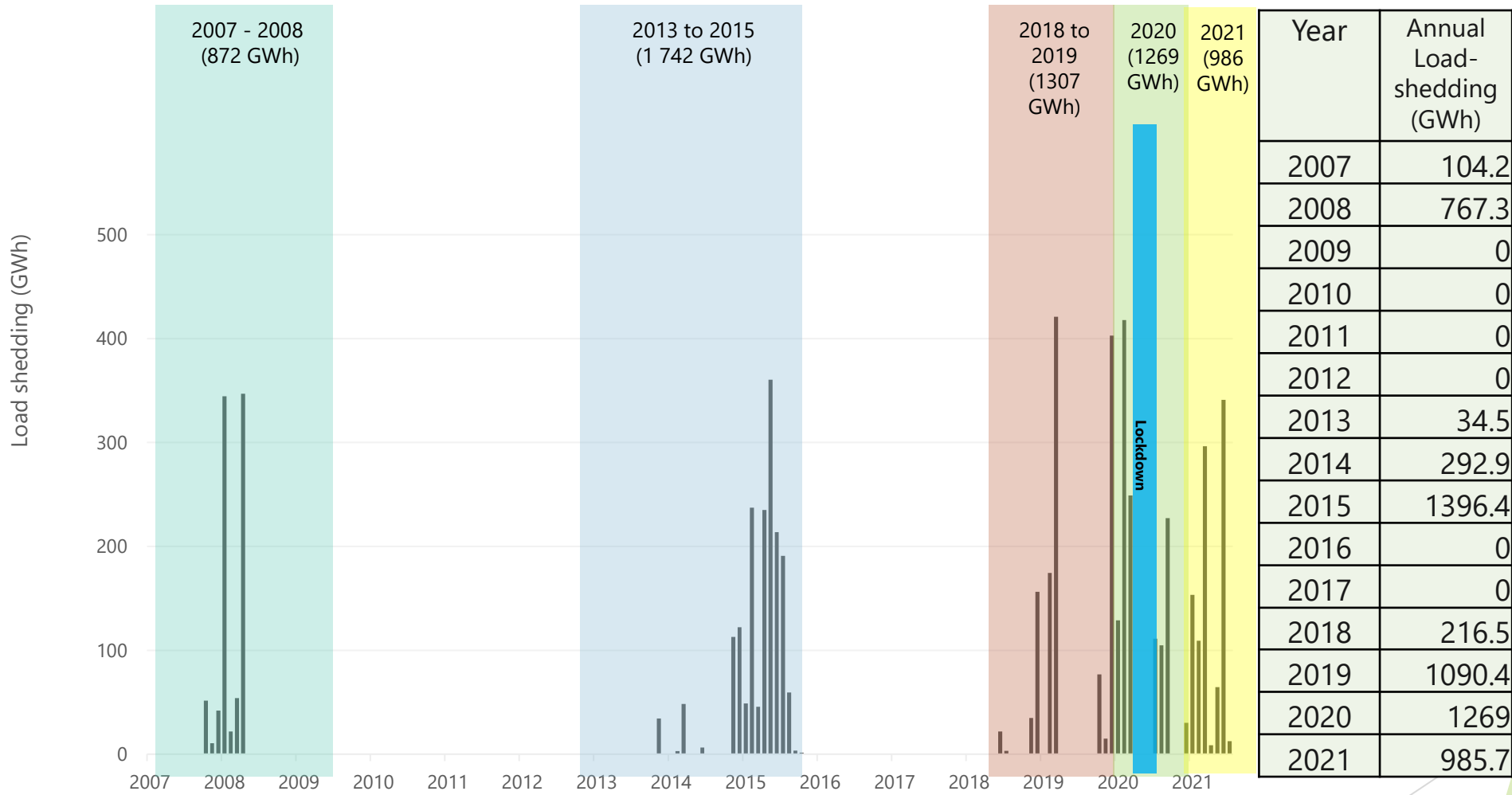
Residential,
Commercial,
Industrial &
Agrivoltaics



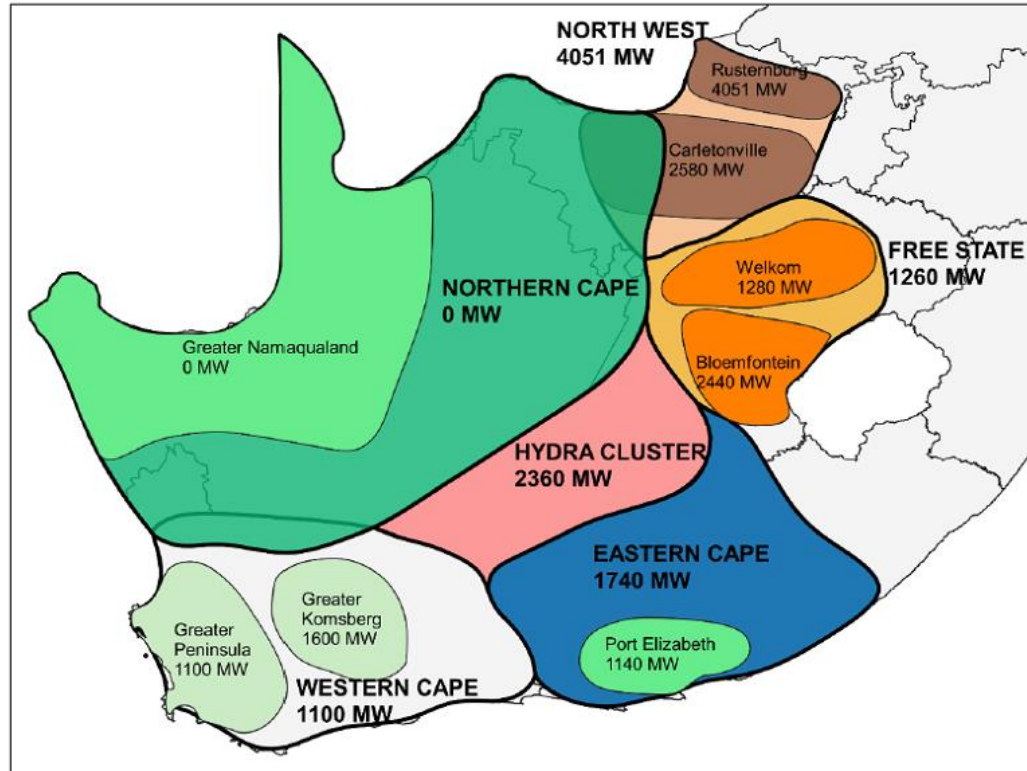
Loadshedding - How much?



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Transmission Capacity



- Geographic limitations on Transmission network capacity
- Network capacity will be used up faster
- What about the **Distribution** network?



TRADITIONAL POWER SYSTEM

GENERATION



Power Station

Power Transformer

TRANSMISSION



Transmission substation

DISTRIBUTION



Distribution substation

COMMERCIAL & INDUSTRIAL
BUSINESS CONSUMERS



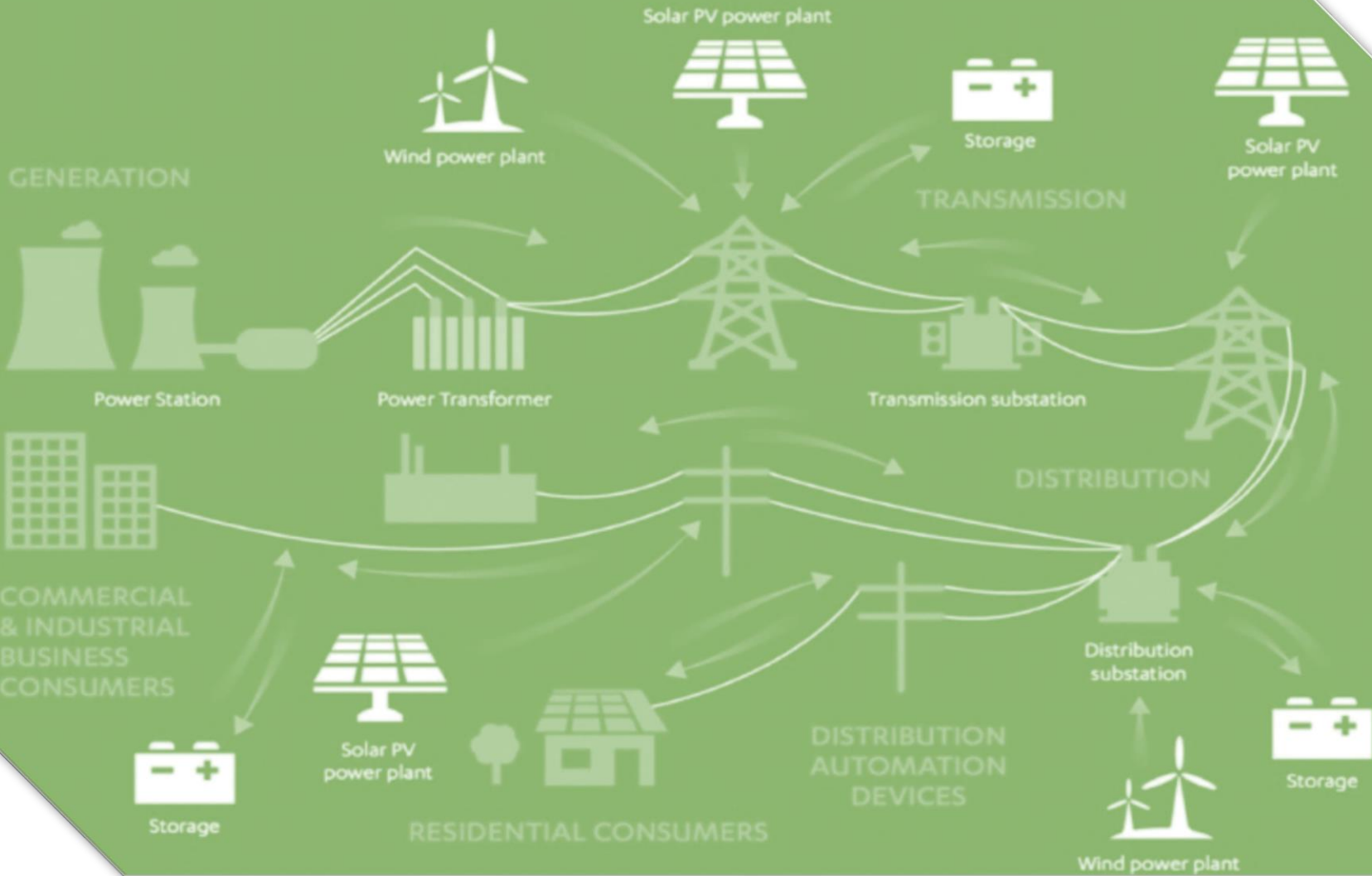
RESIDENTIAL CONSUMERS

DISTRIBUTION
AUTOMATION
DEVICES



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FUTURE POWER SYSTEM

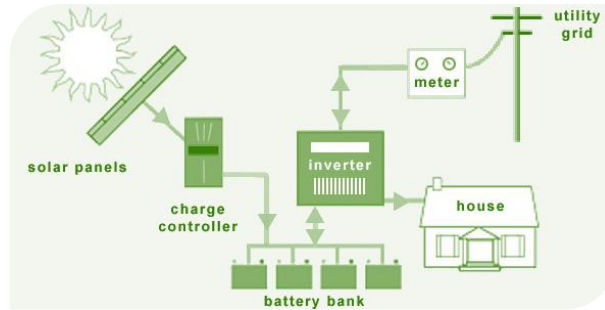


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Types of Systems

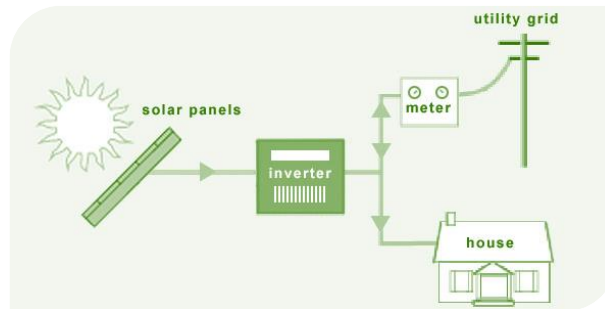


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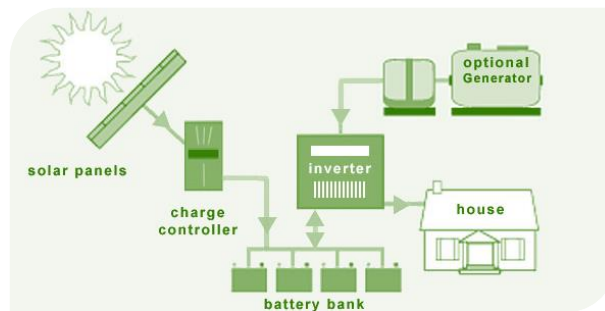
Hybrid Solar Systems

- Hybrid solar systems combines the best from grid-tied and off-grid solar systems. These systems can either be described as off-grid solar with utility backup power, or grid-tied solar with extra battery storage.
- Less expensive than off-grid solar systems
- Smart solar holds a lot of promise



Grid-Tied Solar Systems

- Grid-tied, on-grid, utility-interactive, grid intertie and grid backfeeding are all terms used to describe the same concept – a solar system that is connected to the utility power grid.
- Save more money with net metering, a grid-connection will allow you to save more money with solar panels through better efficiency rates, net metering, plus lower equipment and installation costs
- The utility grid is a virtual battery



Off-Grid Solar Systems

- An off-grid solar system (off-the-grid, standalone) is the obvious alternative to one that is grid-tied. For homeowners that have access to the grid, off-grid solar systems are usually out of question.
- No access to the utility grid
- Become energy self-sufficient

How we approach your installation



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System Design:

- ✓ Site surveys & drawing
- ✓ Landlord negotiations
- ✓ System approvals with Eskom or Council



System Financing:

- ✓ Bank Finance Applications
- ✓ Rebate Applications



System Monitoring & Servicing:

- ✓ Performance Monitoring
- ✓ Warranty Monitoring
- ✓ Warranty Replacement



System Installation:

- ✓ Transport to site
- ✓ Construction works
- ✓ System assembly and connection
- ✓ System Commissioning



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Peace of mind



PVGreenCard



Installations



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