

ENERGY PLANNING IMPLEMENTATION

◎ PITFALLS

◎ Language

- ◎ 01000001 computer language for "A"

- ◎ On Reserve

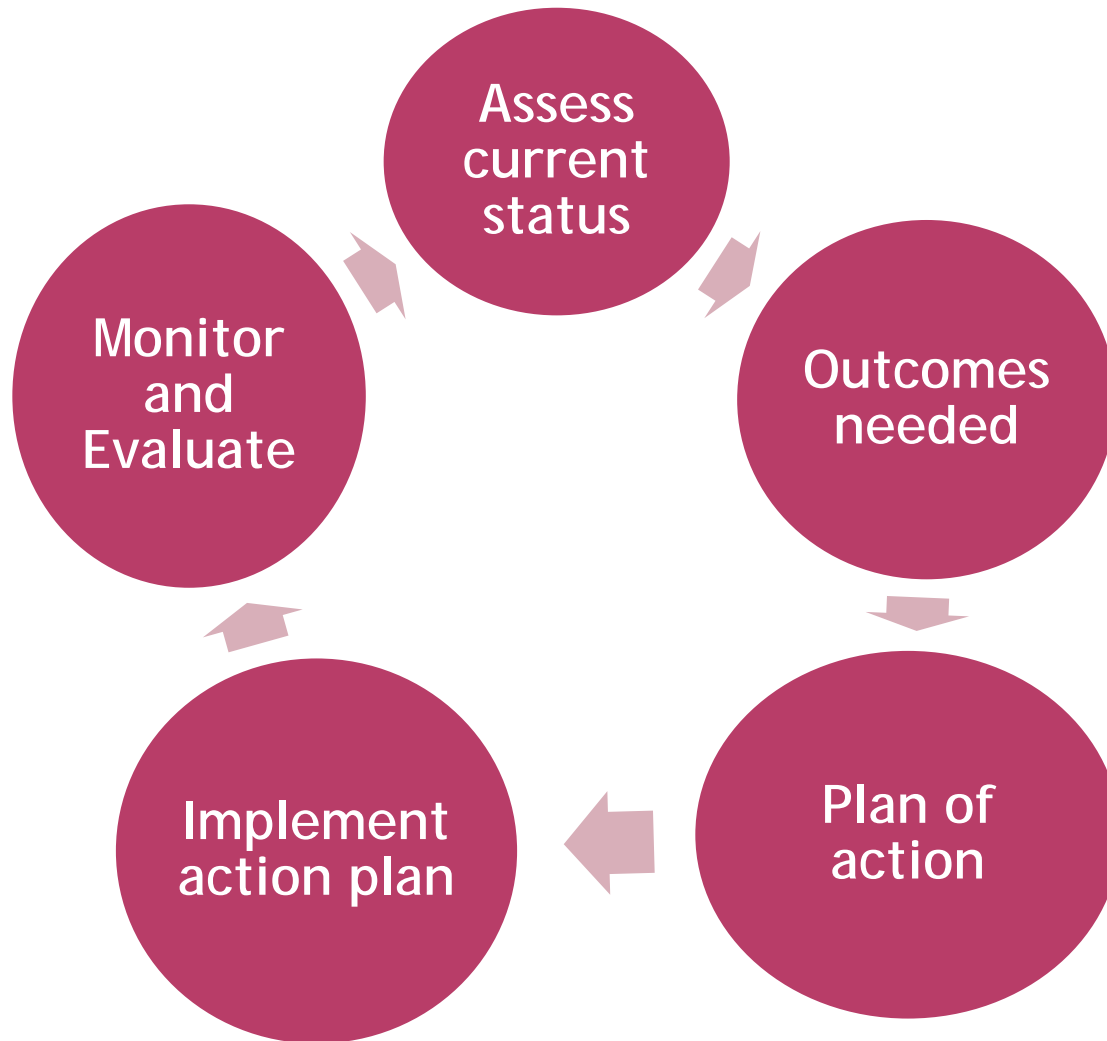
- ◎ Delivery charge, Time of use, Global adjustment, Kilowatts,

- ◎ Money \$\$\$\$

ENERGY PLANNING IMPLEMENTATION

- ◉ Similar approach to a 5 year business plan.
- ◉ Decide where you want or need to be in 5 yrs.
- ◉ Assess where you are and how you are.
- ◉ Decide outcomes needed and timelines.
- ◉ Plan of action. (*Timelines and Costs*)
- ◉ Implement.
- ◉ Evaluate.
- ◉ Start again

ENERGY PLANNING IMPLEMENTATION



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- ◉ Baseline Study: *BOTH* energy & community capacity
- ◉ Outcomes needed from results of baseline.
- ◉ Plan of action: Short and Long Term (1- 5yrs)
- ◉ Implement action plans
- ◉ Monitor by completion and timelines.
- ◉ Evaluate new current status (*Baseline*)
of community and technology applications.
- ◉ Begin again

ENERGY PLANNING IMPLEMENTATION

- ◉ **START !** **Due Diligence**

- ◉ **Collect as much information as possible !**
 - ◉ Talk with others who have done this before.
 - ◉ Ask every question possible. Always call!
 - ◉ Consult community many times !
 - ◉ Online Surveys are NOT good enough !
 - ◉ What policies are helping or hurting progress?

- ◉ Follow the plan ! Make changes Only after the 1st four stages are complete.

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INNOVATIONS IN ENERGY PLANNING

ENERGY PLANNING IMPLEMENTATION

29" / 755mm

5.5" / 155mm



Usable Capacity 13.5 kWh
Depth of Discharge 100%
Efficiency 90% round-trip
Power 7kW peak / 5kW continuous
Supported Applications Solar self-consumption Back-up power Time-of-use load shifting (coming soon) Off-grid capabilities (coming soon)
Warranty 10 years
Scalable Up to 10 Powerwalls
Operating Temperature -4°F to 122°F / -20°C to 50°C
Weight 125 kg
Installation Floor or wall mounted Indoor or outdoor
Certification North American and International Standards Grid code compliant