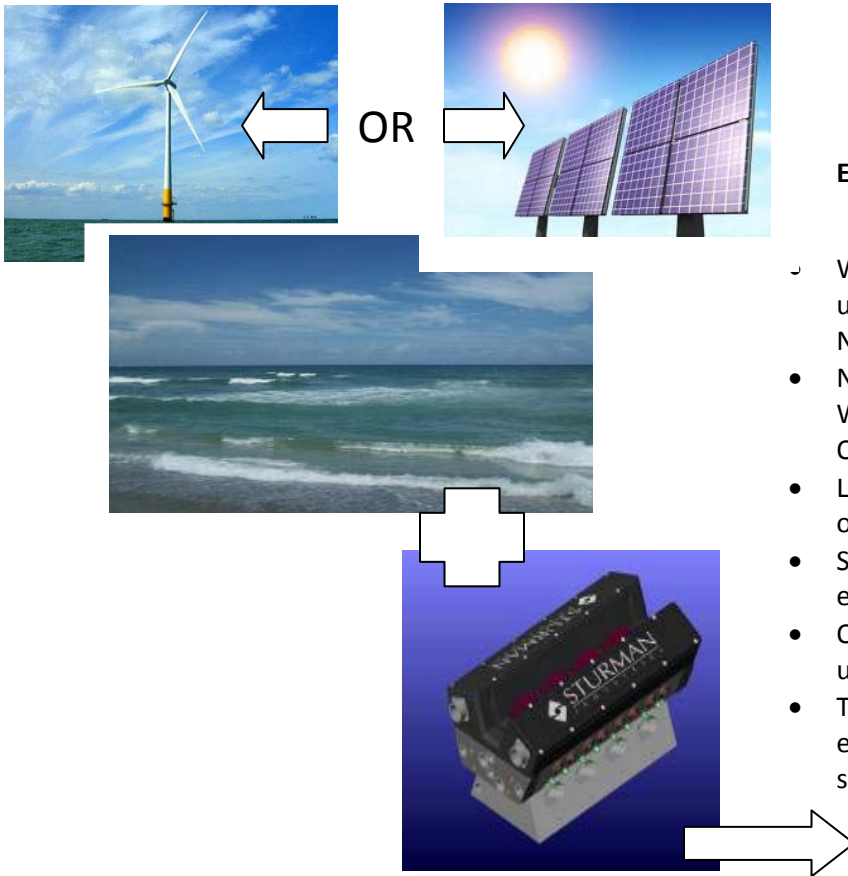


CARBON FREE ENERGY SOLUTIONS

- Efficient Hydraulic Wind Turbine Design
- 100% Wind & Solar Energy Capture & Storage Strategy

DIGITAL HYDRAULIC WIND TURBINE CONTROLS

- Eliminates top positioned transmission & generator
- Utilizes Digital Hydraulic transmission at ground level
- Lowers system maintenance
- Reduces system cost



EXCESS ENERGY CAPTURE & STORAGE STRATEGY

- When demand is low, excess wind or solar can be used to process sea water, or available water, into NH3 fuel
- NH3 can be made from water, air, & electricity
Water is a byproduct = net zero water use
Once supplied, essentially no new water is required
- Like wind & solar, NH3 is another carbon free form of sustainable energy
- Stored NH3 can be used any time for local using efficient Sturman Adaptive Power™ engines
- Or, the NH3 fuel can be transported for other site uses
- The ability to capture all available wind or solar energy reduces the total number of turbines or solar arrays required

COMBINED ENERGY / STORAGE SYSTEM BENEFITS

- Safe
- Clean
- Economical
- Practical generation & storage of carbon free energy
- Replaces foreign fuel import, fossil fuel use and drilling
- Creating NH3 fuel from sea water can help mitigate ocean water rising

