

# TULIP™ DST UNIT - FEATURES SUMMARY

- Nominal power output:
  - Electrical Power: **100kW<sub>e</sub>**
  - Heat energy: **170kW<sub>t</sub>**
- Powering capability/unit: **60-80 home community**
- Assembly configuration: **Modular units**
- Maximum capacity: **(# of units) x 100kW**
- Operating mode: **Hybrid (Sun only, Sun + fuel, Fuel only)**
- Potential operating hours: **24/7** (hybrid mode)
- Footprint: **2,000 m<sup>2</sup>/unit** (less than ½ acre)
- Fuel options: **Natural gas, Diesel, Bio gas, Bio diesel, LPG**
- Power distribution configurations:
  - **Utility grid connection**
  - **Local grid connection**
  - **Stand alone plant**
- Installation time: **6 months, first electricity produced**
- Additional capacity: **Easily accommodated, due to modularity**
- Power disruption during expansion: **None**
- Operational water use: **Minimal; 230 l/MWh (when temperature is above 35°C)**
- Options for use of available heat:
  - **Space heating**
  - **Refrigeration**
  - **Air conditioning**
  - **Water desalination**
  - **Assistance for bio-gas generation**