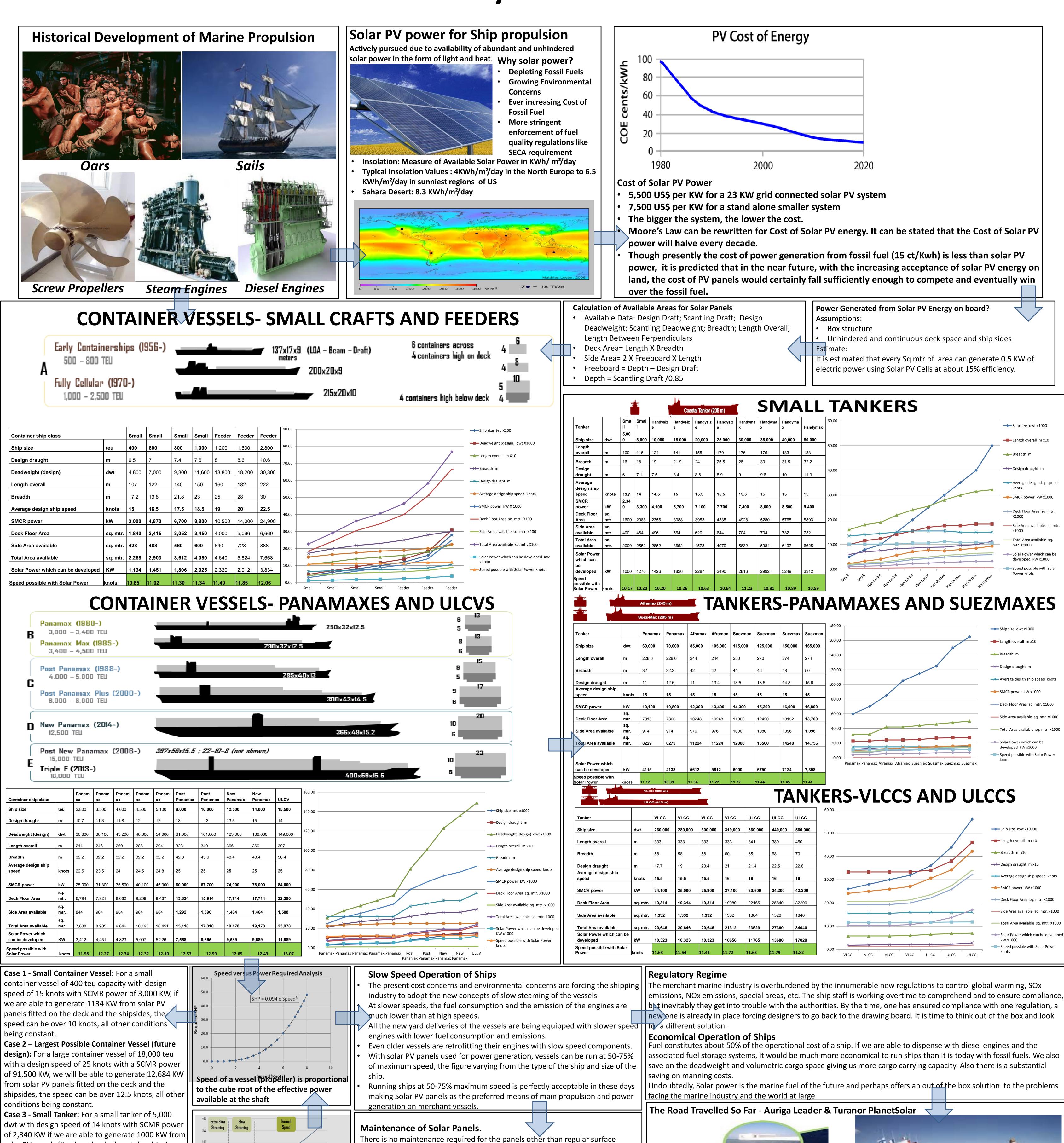
## Solar Power – The Sustainable Solution for Marine Propulsion by C. Maheshwar



Power generation in night and cloudy conditions: Till the technology permits

generation and storage of additional power during sunny periods and release

during non sunny periods, the present day Diesel engines could continue to be

rough weather, propulsion power could be changed over to Diesel Engines and

Power for propulsion during rough weather conditions: Before the onset of

used for propulsion power during night and cloudy conditions.

switched power to Solar PV power when conditions clear.

---9,000-10,000

solar PV panels fitted on the deck and the shipsides,

the speed can be over 10 knots, all other conditions

Case 4 – Large sized Tanker (ULCC): For a large

tanker of 560,000 dwt with a design speed of 16

able to generate 17,020 KW from solar PV panels

over 12 knots, all other conditions being constant.

knots with a SCMR power of 42,200 KW, we will be

fitted on the deck and the shipside, the speed can be

being constant.

The car carrier equipped with the A small step for Man, but a giant leap for Mankind.

new solar power system