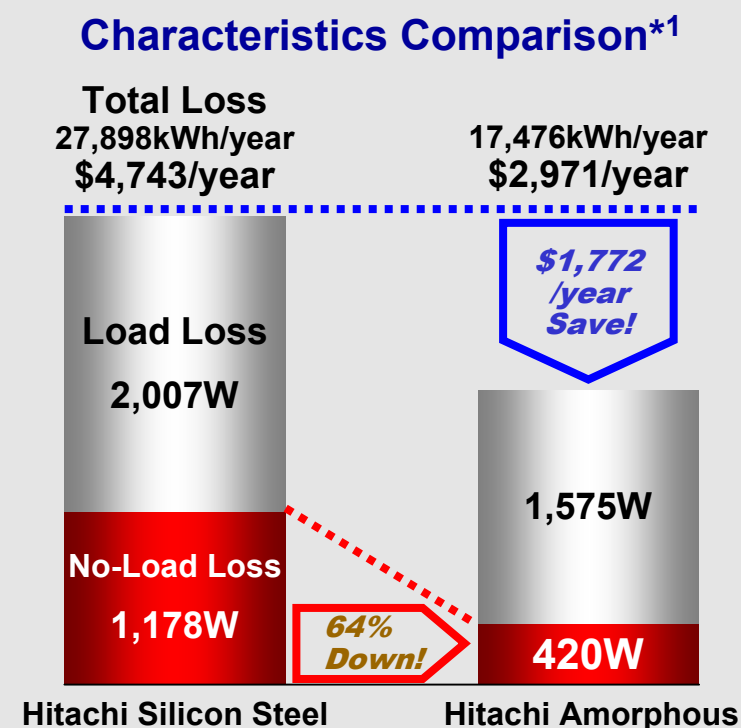


Amorphous Transformers

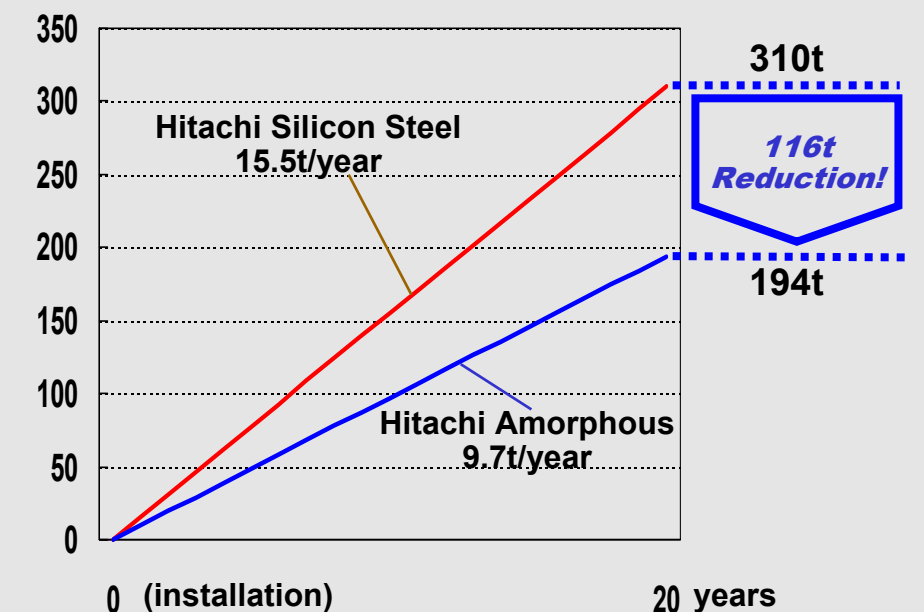
- **Dramatically Reduces CO2 Emissions**
 - 116t/unit*1 CO2 reduction in 20 years
- **64%*1 Lower Standby Power Requirements**
- **Far Exceeds DOE 2010 Standard**
- **The World's First*2 UN approved CDM for Electric Power Transmission / Distribution Network**

*1: Comparison between Hitachi Amorphous Transformer and Hitachi Silicon Steel Transformer
 Conditions / Oil-immersed type, 3 Phase, 1,000kVA, 6,600V/210V, 60Hz
 Load-factor: 50%, Electric power charge: 17cents/kWh, CO2 emission coefficient: 0.555(kg-CO2/kWh)
 *2: As of March 2008

Contribution to Energy Saving and CO2 Reduction



Cumulative CO2 Emission attributed Total Loss*1



Amorphous Metal in Core to Reduce Standby Power Requirement

