

## **PMG Anthology of Technical SuperGrid-Related Publications and Presentations**

(Time Reversed Order...All can be found by drilling around on [www.w2agz.com](http://www.w2agz.com))

( Or...go directly to [www.w2agz.com/Publications.htm](http://www.w2agz.com/Publications.htm) and/or

<http://www.w2agz.com/Presentations.htm> and surf therein)

( where each article is accompanied by a brief explanatory abstract and journal citation )

NB! Many of the following ppt links contain wmv files which are NOT imbedded

NB2! Should you try to download any of the ppt files, some are of multi-megabyte size

<b><u>Publications</u></b>
<a href="#">(2014)</a>
Challenges Confronting High Temperature Superconducting Materials: From Nanoscale Theories to Exascale Energy Applications ( <a href="#">pdf</a> )
<a href="#">(2010)</a>
Superconductivity in Power Applications ( <a href="#">pdf</a> )
<a href="#">(2009)</a>
A High-Power Superconducting DC Cable ( <a href="#">pdf</a> )
A Superconducting DC Cable (EPRI Report 1020458) ( <a href="#">pdf</a> )
SuperSuburb – A Future Cryo-powered Residential Community ( <a href="#">pdf</a> )
<a href="#">(2008)</a>
Design criteria for warm temperature dielectric superconducting dc cables: Impact of co-pole magnetic fields ( <a href="#">pdf</a> )
<a href="#">(2007)</a>
Superconducting Lines for the Transmission of Large Amounts of Electrical Power Over Great Distances: Garwin–Matisoo Revisited Forty Years Later ( <a href="#">pdf</a> )
<a href="#">(2006)</a>
Functional Requirements of a Hydrogen-Electric SuperGrid: Two Scenarios – SuperSuburb and SuperTie (EPRI Report 1013204) ( <a href="#">pdf</a> )
<a href="#">(2005)</a>
The SuperCable: Dual Delivery of Chemical and Electric Power ( <a href="#">pdf</a> )
Cryo-Delivery Systems for the Co-Transmission of Chemical and Electrical Power (much better quality preprint than the 2006 published version) ( <a href="#">pdf</a> )
<a href="#">(2004)</a>
The Energy SuperGrid ( <a href="#">pdf</a> )
The SuperCable: Dual Delivery of Hydrogen and Electric Power ( <a href="#">pdf</a> preprint)

(2003)
Hydrogen Lifts Off – With a Heavy Load ( <a href="#">pdf</a> )
(1997)
System Study of Long Distance Low Voltage Transmission Using High Temperature Superconducting Cable (EPRI Report WO8065-12) ( <a href="#">pdf</a> )
Superconductivity and Electric Power: Promises, Promises...Past, Present and Future ( <a href="#">pdf</a> )

<b><u>Presentations</u></b>
(2015)
Whither Superconductivity for Electric Power? ( <a href="#">pdf</a> )
(2013)
Dual Use of Future Natural Gas Pipeline Rights-of-Way for the Transport of Electricity Via HTSC Cables (NB: This presentation is replete with numerous clickable links to recent editorials/articles on the Dual Use concept) ( <a href="#">pdf</a> , <a href="#">ppt</a> )
(2007)
Design Criteria for Warm Temperature Dielectric Superconducting dc Cables ( <a href="#">pdf</a> , <a href="#">ppt</a> )
Advanced Transmission Technologies ( <a href="#">pdf</a> , <a href="#">ppt</a> )
(2006)
SuperGrid as SuperTie ( <a href="#">pdf</a> , <a href="#">ppt</a> )
Garwin-Matisoo Revisited 40 Years Later ( <a href="#">pdf</a> , <a href="#">ppt</a> )
High-Capacity Superconducting dc Cables ( <a href="#">pdf</a> , <a href="#">ppt</a> )
(2004)
View from Electric Power Industry as a Whole ( <a href="#">pdf</a> , <a href="#">ppt</a> )
(To be continued...)