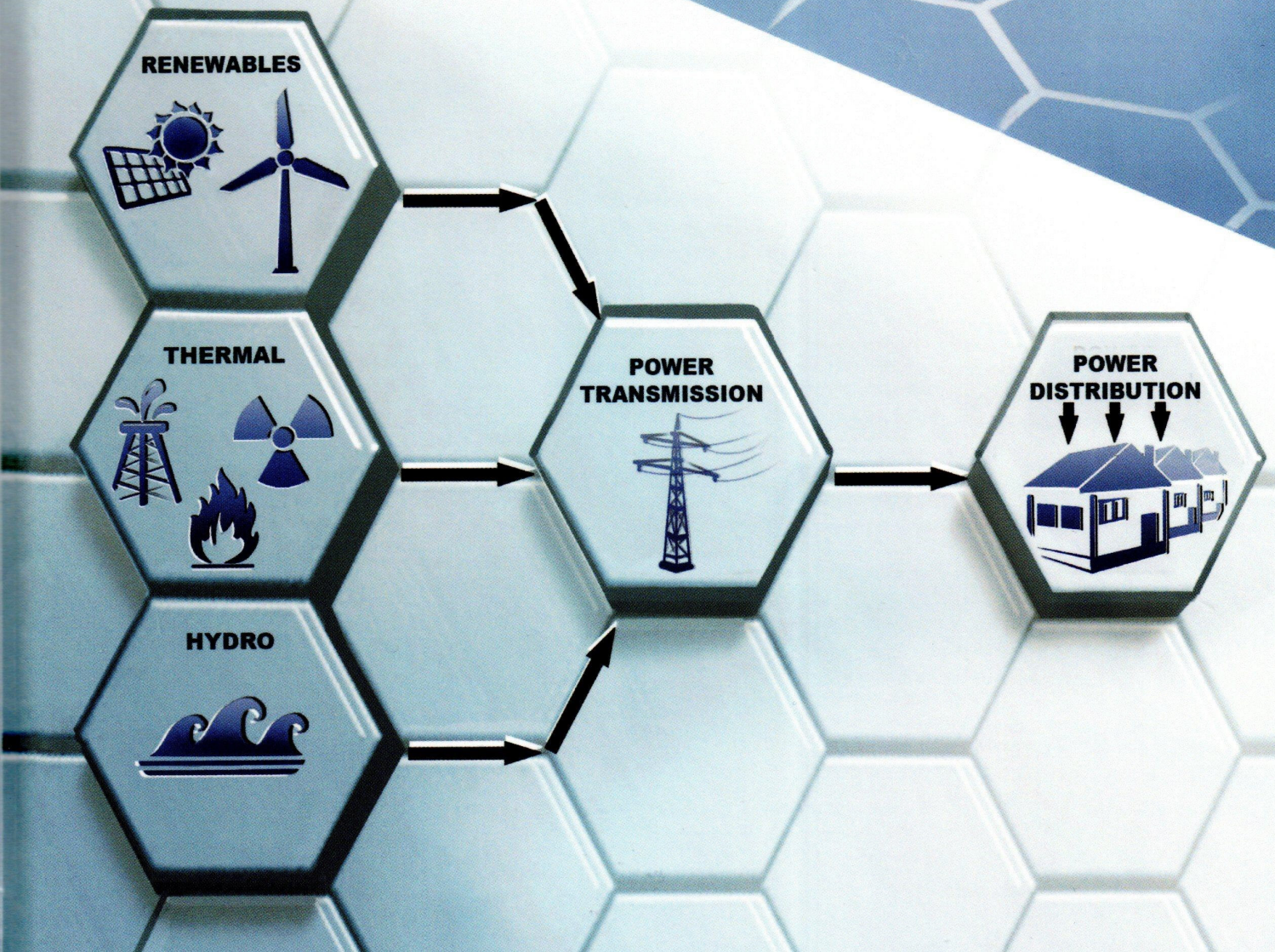
Panos Konstantin

Power and Energy Systems

Technologies & Economics

$$LEC = \frac{CAPEX + \sum_{t=1}^{t=n} \frac{OPEX_t}{(1+i)^t}}{\sum_{t=1}^{t=n} \frac{W_{e\_t}}{(1+i)^t}} \left[\frac{\$}{\text{kWh}}\right]$$



Downloads

Readers of the book can access the author's website under the addresses
www.PK-Energy-Practical-Knowhow.com or
www.PK-Energie-Praxiswissen.com
and download the following items and software tools[3]:

Softcopies in Excel® of all **Application Examples** and **Case Studies** included in the book.

Software tool **FluidEXL,** for calculations of water/steam properties.
The developer, University for Applied Sciences – Zittau/Goerlitz/Germany, department of Thermodynamics, Prof. Hans-Joachim Kretzschmar, makes available the software tool for readers of this book, free of charge.

You will find a link for download on the example page on the author's website, along with the installation instruction and read me file. A license code is automatically sent by email after registration.

Use of the software for purposes other than for the book or commercial use requires a special license from the developer.

Software tool **KPRO®**, for modelling and performance simulation of power generation thermodynamic cycles and power & steam supply systems. The German Consulting Company Fichtner, Stuttgart, announced that they will make available the software tool for registered readers of the book for a period of six months, upon direct request. Note, however, that this is a highly professional tool and requires a strong background on thermodynamics of cycle calculations and in information technology. Again, commercial use requires a special license from Fichtner.

Note: Purchasers of the book are highly advised to register in the author's website in order to be kept informed about updates and changes in the software tools and book contents.

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[3]) Brief instructions of the tools are available in the toolbox chapter of the book. Detailed instructions are available for download on the author's website.