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Abstract	<p>Increasing airplane efficiency is an aircraft manufacture's major task. The electrical system might contribute to this by a weight optimization of ist part supplying non-flight relevant loads. Network capacities are adapted to the typical power demand of those systems. But how far to go down? A method to answer this question is explained in this paper. As architecture with limited resources is accompanied by a power management function, this paper closes with an introduction to power management concepts and technical limits.</p>