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A generic energy model description

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The energy model is dispatched through implicit values in the device tree and the power values are deduced from the formula $P=CxFxV^2$ by the energy model in the kernel.

Unfortunately, the description is a bit fuzzy if the device is using the Adaptive Voltage Scaling or not performance based, as a battery or a back light.

On the other side, complex energy models exist on out of tree kernels like Android, meaning there is a need for such a description.

A generic energy model description will help to have a clear of view of the power contributors for thermal, power consumers for accounting and performance.

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Yes

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