

# Performance improvements in power-sharing scenarios

*Friday, August 28, 2020 9:20 AM (25 minutes)*

There are use cases in which the processor shares power budget with some other data-processing devices, like a GPU. In those cases it may be possible to improve the performance of the system by limiting the maximum frequency of CPUs. We will discuss possible ways to utilize this observation in the Linux kernel.

See <https://lore.kernel.org/linux-pm/20200428032258.2518-1-currojerez@riseup.net/> for one possible approach to this problem.

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**Session Classification:** Power Management and Thermal Control MC

**Track Classification:** Power Management and Thermal Control MC