

Method and appliance for cooling a low-pressure turbine stage, in which for the low-pressure turbine stage included in the steam turbine steam-water circuit cooling heat carrier flows through the parts of the low-pressure turbine stage, in particular, in the off-cycle. For the most effective cooling, with simultaneous utilization of the heat obtained at that, as heat carrier condensate taken from the condenser included after the steam turbine is used, it gives the heat collected at cooling to steam-water circuit. That for, the low-pressure turbine stage is connected to the cooling pipeline that is connected to the lower side of the condenser, in the pipeline a heat exchanger included to the steam-water circuit is provided.