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Results from the PandaX-II commissioning run (15' + 5')

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The PandaX dark matter experiment searches WIMP-nucleon scattering signals in China JinPing Underground Laboratory (CJPL) with a rock burden of 2400 m, employing the dual-phase xenon Time Projection Chamber (TPC) technology. After the completion of PandaX-I, the upgraded experiment, PandaX-II, has been equipped with a 580 kg active xenon target, with a major change on the detector itself, including a cleaner vessel, more photocathode coverage and larger TPC. A commissioning run was carried out in CJPL in late 2015. In this talk, we will present the results from the commissioning run, as well as the current status of the experiment.

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