



Plan to compensate the delay of the operation of SuperKEKB

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- **Operation loss: 4/Apr to 24/Apr : 3 weeks**
- **Roughly 80% of operation time could be compensated in the autumn runs (starting Oct.) or winter runs (starting Jan.)**
 - We are not considering to extend operation in July
 - So many maintenance works are waiting (Linac and Ring)
 - July operation will be fairly inefficient (due to high temperature)
 - Open end-cap in summer (need shield works in both side)
 - We plan to move-out the L-side of QCS (for the QC1-L bellows and BPM cables works)
 - Linac might need to have longer maintenance time in this summer for the full recovery from fire.
 - Starting earlier in autumn runs will be fairly difficult
 - Currently, our target day of starting operation will be 15/Oct (may change)

Other external conditions

- **Major maintenance works on the primarily power supply line (154 kV) to KEK (TEPCO) is planned in Dec./2019 and Jan/2020.**
 - Maximum power to KEK will be limited lower than 50 MW— impossible to operate the rings during that period.
 - Currently scheduled as: 13/Dec to 28/Dec, 24/Jan to 31/Jan and 20/Mar.
- **We are currently considering to start winter runs earlier (for example, starting mid. Jan mainly for the scrubbing runs).**

FY2019 SuperKEKB Winter Operation Plan (2019/5/9)

