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Calibration techniques for the STAR Forward Electromagnetic Calorimeter[1] HANNAH HARRISON, University of Kentucky, STAR COLLABORATION — The STAR Collaboration at RHIC is installing a forward detector upgrade in preparation for the 2021 $\sqrt{s}$ =500 GeV p+p run. The new instrumentation, comprised of an electromagnetic calorimeter (ECAL), a hadronic calorimeter (HCAL) and a combination of small strip thin gap chamber and silicon microstrip tracking detectors, will allow for the full reconstruction of jets in the region spanning a range of 2.5 - 4 in pseudorapidity . These jets will provide access to low-x gluon helicity and high-x quark transverse momentum dependent parton distribution functions. Prototypes of the HCAL and ECAL were positioned at STAR during the 2019 run. Ongoing efforts to calibrate the ECAL using minimum ionizing particles will be presented.

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