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The status of the inclusive electron neutrino charged-current cross-section measurement using the NOvA near detector MATTHEW JUDAH, Univ of Pittsburgh, NOVA COLLABORATION — NOvA is a long-baseline neutrino oscillation experiment hosted by Fermilab. NOvA utilizes two functionally-identical detectors that lie 14.6 mrad off-axis from the NuMI beam line. Positioned 1 km from the beam target, the near detector provides an excellent platform to perform high-statistics studies of neutrino-nucleus interactions. The measurement of charged-current interactions is of great importance to current and future oscillation measurements, as these interactions are the signal for these measurements. This talk details the techniques used to measure the first double-differential electron neutrino charged-current cross section using data from the NOvA near detector.

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