



# CASE STUDY:

## CBRS Broadband for Education and Remote Work

McAllen, Texas is a community with 140,000 residents, and was hit especially hard by the COVID-19 pandemic. With over **23,000 K-12 students**, mainly in low-income neighborhoods, going to school remotely wasn't an option, as many **didn't have access to internet connectivity**. CARES Act funding was awarded to provide a CBRS network that blankets the city - deployment of a **reliable, high performance network** was key, but the problem was the power source. Utilizing Solis Energy's Lightpole Power Tap (LPT148), **PoE was able to be drawn directly off of streetlights** throughout the city, powering over 1,000 Cambium access points, making it possible for students and families to work from home.



### THE CUSTOMER

The City of McAllen, TX



### THE CHALLENGE

To quickly provide a reliable, high performance network for students to access remote schooling



### THE SOLUTION

Solis Energy provided the Lightpole Power Tap: a rapidly-deployable power solution for streetlights



### THE RESULTS

A successful network that gives the entire community access to internet connectivity



**POWER WHEN YOU NEED IT.**

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