

### **IWMI staff troubleshoots in-situ instrumentation of the SoLAR project in Chakwal, Jhang, and Rahim in Khan districts**

In June 2022, in-situ instrumentation was done at 12 sites (six with diesel pumps and six with solar irrigation pumps) across the Chakwal, Jhang, and Rahim Yar Khan districts to record the actual discharge flow of the tube wells connected to these pump sets. As initial technical glitches were reported from these sites, IWMI staff, Muhammad Zain Akbar, traveled to these sites between July 29 and August 20, 2022, to resolve the issues. Officials from Buraq Integrated Solutions accompanied him.

The standard errors reported from the instrumentation sites were erratic or no readings on the installed flowmeters and malfunctioning ambient sensors at the solar sites. Either the flowmeter(s) were replaced to resolve these problems, or the transducers were re-installed on the pipes; the sensors were replaced, or the inverters were shifted to compatible converters, respectively.



IWMI team troubleshooting a solar pump in the Jhang district.

Credit: SoLAR-Pakistan