POWER LABS ECOSYSTEM

Happy Customer

Region: Bahrain

University: Bahrain Polytechnic

Department: Electrical Engineering

Date: September 2021

Product: Power Labs Ecosystem

YouTube link:
https://youtu.be/_UVCxrfmFZ0

Customer feedback

"Bitlismen has incorporated industrial based teaching into their Academic Trainers. This is quite helpful for the students to have an industrial experience. In terms of the hardware, they have a good quality. Besides the experiments which are provided, students will be able to do more experiments on these trainers because we will be able to customize them. This is one of the advantages. The researchers also can extract the data while performing some experiments and this will be beneficial for them also."

Dr. Ramani Panda, Electrical Engineering Department, Bahrain Polytechnic

"It was very nice to see the wind trainer", "The electrical students as well as the mechanical students can study this", "One of the benefits is that we can simulate here the whole power systems' infrastructure for example we can have solar, wind, transmission line all integrated together. In addition, we can have real loads and can inject some harmonics and noise into the system.", "The whole power system simulation is done through the real hardware", "The students will get the real feeling of the real hardware for the entire power grid", "Another benefit is the centralized monitoring and control over the entire microgrid", "With this trainer you can do so many additional analyses, for example power outage, how it affects the power system or the loads, including transient analyses", "With these trainers students can understand the economic aspect of the power transmission and losses as well"

Other professors, Electrical Engineering Department, Bahrain Polytechnic