



Powering Progress: Circutor Meet 2025 Focuses on Harmonic Solutions for National Power Quality

"We need to take care of our plants," declared Engineer Rodolfo R. Peñalosa, CEO and President of WESTCO Electrical and Equipment Corporation, as he launched the Circutor Meet 2025. This significant event bore the theme "**Launching the Next Evolution in Power Quality and Innovative Solutions for Stability and Efficiency**". Engr. Peñalosa's opening statement highlighted a central idea: the urgent need for **maintenance** and **quality** of power for **industrial facilities** and plants across the country.

Engr. Peñalosa initiated the orientation by zeroing in on the paramount importance of addressing harmonics to effectively resolve the country's persistent power quality issues. He stated that solving the analysis and harmonic problems across many generation and industrial facilities is not solely a technical issue, but rather a critical step in ensuring electric stability on a national scale.

He clarified that harmonic distortion can cause damage to equipment, negatively impact efficiency, and contribute to escalating operational expenses. Therefore, addressing harmonic distortion is front of mind to engineers and industry alike. He noted that historically, companies failed to address **harmonics mitigation** when making power factor improvements, which led to a variety of issues, including **exploding, bulging, and leaking capacitor cells** due to **design defects**.

The Role of Regulation in Driving Innovation

In addition, Engr. Peñalosa highlighted the crucial presence of Republic Act (RA) 11285— the **Energy Efficiency and Conservation Act**, an energy-mandated program in the Philippines. He further claimed that this **regulatory framework** had been a catalyst for the Philippines, making it a leading destination for **international experts** and solution providers, such as Circutor, to step in and help the Philippines address **energy challenges** and share **best practices**.

Under RA 11285, the government is **very focused on energy efficiency**, and **Designated Establishments (DEs)** are required to comply with various reporting and audit mandates. For instance, facilities with an annual energy consumption of **1 million to 4 million kilowatt-hours** are **mandated** to report their consumption to the **DOE**.

The Circutor Meet 2025

The Circutor Meet 2025 took place on Wednesday (October 1, 2025) in the afternoon at 68 Kalayaan VCP Building, Training Room 702, sponsored by WESTCO, VCP, and Pamav Training Institute. The meet was again a great event that brought together company representatives to strategize solutions to raise company knowledge on the important necessity for thorough application of power quality analysis. The universal goal for all of the orientation was to advocate the substantial need for comprehensive power quality analysis. All conference participants are aspiring to bring every related company and establishment to diversify participation, collaborations, and accelerate alternatives, such as Circutor's alternatives, to produce upgraded electrical infrastructure to be more sound and efficient electrical infrastructure into this country.

The MYeBOX-1500, Circutor's latest generation portable power analyzer, was unveiled by Engineer Alex Sanchez at the well-attended Circutor Meet 2025, featuring advancements in **Wi-Fi | 3G/4G communications** and **Class A** legal adherence.

Engineer Alex Sanchez, a Product Manager at Circutor, presented the MYeBOX-1500, as Circutor, a key principal of WESTCO, highlights this innovative portable meter for monitoring and analyzing power quality.

In Engr. Sanchez's discussion, he emphasized the newest advancements in portable power quality assessment with the remotely measured MYeBOX-1500. The MYeBOX-1500 features a **Cloud platform** connection and is categorized as a **Class A** device that adheres to the **EN 50160** standard for **network quality**.

Advanced Features for Comprehensive Analysis

The presentation highlighted the analyzer's capability to measure and record not only the main **electrical parameters** of **voltage, current, power, and energy** but to also carefully record voltage quality events per EN 61000-4-30 and capture high-speed waveform transients. An important characteristic is its capability for consumption and generation (4Q) analysis under single-phase, two-phase or three-phase **installations** (with and without a **neutral**).

The MYeBOX-1500 is characterized by:

- ❖ Five voltage measurement inputs (including Uref) and **five measurement current channels** (with one leakage **current measurement input**).
- ❖ Built-in Wi-Fi and 3G/4G communications that allow for remote configuration and data access in real time via a dedicated app or website. Accessing the data in the cloud platform allows for remote audits and remote analysis, allowing engineers to troubleshoot from anywhere.
- ❖ The capability to automatically detect the clamps and color code the phases (**Identification of phases with colours**), greatly simplifying the installation and configuration capabilities.
- ❖ Two transistor outputs for alarms and two digital inputs for centralizing **impulses / tariff / state**, broadening your integration and control capabilities.



Engr. Alex Sanchez Unveils Circutor's Next-Gen Power Analyzer: The MYeBOX-1500 Takes Center Stage at Circutor Meet 2025 with Cloud Connectivity and Class A Accuracy

Engr. Sanchez emphasized the device's **accuracy** (e.g., **Class 0,2** for **voltage** and **current** measurement) and ease of use and indicated it has **power supply independent of the measurement** circuit and a **capacitive keypad** is used for the **local configuration** on its **LCD Screen**.

The **MYeBOX-1500** is an essential tool for preparing **complete electrical installation studies, analyzing load curves**, conducting **harmonic studies** (up to the 50th harmonic), and performing **flicker measurements**, solidifying its role in helping engineers maintain **electrical stability** and **efficiency** across the national grid.

Circutor Meet 2025: A Key Event for Power Quality

Engr. Alex Sanchez from Circutor, a trusted technology principal of WESTCO, demonstrated this as a key aspect of Circutor Meet 2025. This was a successful event hosting industry partners to reinforce the commitment to "The Next Evolution in Power Quality and Innovative Solutions for Stability and Efficiency" for the country. In addition, the outcome and key power quality items such as the MYeBOX-1500 reinforce the future emphasis of the energy industry toward proactive power quality management.