



QUARTERLY BRIEF N°3

The CEE Comp is a national initiative that encourages and recognizes energy efficiency efforts among businesses in Cambodia. It aims to promote sustainable practices, reduce energy consumption, and foster a culture of energy conservation. By engaging companies across various sectors, the competition strives to create a collective impact on energy efficiency in the country.

CEE Comp stands out as the inaugural and only Energy Efficiency competition in Southeast Asia. **Sevea** takes the lead in its organization, backed by the generous sponsorship of **Soma Group** and **Schneider Electric**. This competition forges significant partnerships with WWF-Cambodia, EnergyLab Cambodia, EuroCham Cambodia, and All Dreams Cambodia. Media backing comes from Sabay, WeWatch Pte Ltd, អំពីថាមពល - About Energy. Adding to the prestige, both the Ministry of Environment and the Ministry of Mines and Energy have officially endorsed this competition.



ORGANIZED BY:



SPONSORED BY:




ENDORSED BY:




IN PARTNERSHIP WITH:






WITH THE MEDIA SUPPORT OF:





Overview and Purpose

This issue is your go-to source for the latest updates and insights from the CEE Competition. Our newsletter is designed to keep you informed about the dynamic efforts and achievements of our candidates, offering a window into the impactful actions taken to promote energy efficiency. We aim to inspire and educate our readers by sharing success stories, detailed performance metrics, and invaluable feedback from participants. Join us in celebrating the strides we are making together toward a greener, more energy-efficient Cambodia.

Importance of energy efficiency in Cambodia



ACKNOWLEDGEMENTS MESSAGE

We are profoundly grateful for the endorsement of the CEE Competition by the Ministry of Mines and Energy and the Ministry of Environment. Your support has been pivotal in advancing our mission. A special thanks to our esteemed sponsors, Schneider Electric and Soma Group, whose generous contributions have fueled our journey. We also extend our sincere appreciation to WWF-Cambodia, All Dreams Cambodia, EnergyLab Cambodia, Sabay, អំពីថាមពល-About Energy, WeWatch Cambodia, and EuroCham Cambodia for their unwavering support and collaboration.

Energy efficiency is a cornerstone of Cambodia's sustainable development. As our nation rapidly grows, the demand for energy escalates, making it imperative to implement smart, efficient practices. Embracing energy efficiency helps us reduce our carbon footprint, conserve vital resources, and enhance our energy security.

For commercial buildings, this translates to significant cost savings and a more economic landscape. Moreover, energy-efficient practices pave the way for innovative solutions and new opportunities in the green energy sector. By prioritizing energy efficiency, Cambodia can secure a brighter, more sustainable future, benefiting both our environment and our economy.



Actions carried by Candidates

Raising Awareness:



- Keeping the first-floor meeting room door closed; install door closer if possible.
- Promote the CEE Competition to employees via email or stickers.
- Place reminder stickers near A/C remotes, light switches, and other equipment to encourage energy-saving behaviors.
- Inform employees about the importance of closing doors during A/C operation.
- Encourage employees to turn off or unplug appliances when not in use.
- Use stickers to remind employees to turn off equipment and close doors.

Temperature:

- To keep A/C units in good condition, service indoor units every three months and outdoor units every six months.
- Set server room A/C to 25°C.
- Ensure cold rooms and freezers are set to appropriate temperatures.
- Remove automatic morning A/C turn-on; let employees turn it on as needed.
- Set automatic A/C turn-off times at the end of working hours and at night.
- Continue raising office temperatures if currently set below 25°C.



Lighting



- Utilize natural light to reduce energy consumption.
- Adjust lighting programs and install astronomical timers for outdoor lights.

- Retrofit offices with LED technology and ensure proper light intensity.
- Disconnect unused lights and check if the intensity remains sufficient.

Device Utilization

- Turn off elevator sensors when not in use.
- Stop using air conditioning in restaurant/bar and other areas when windows are open.
- Build an energy management dashboard to track building performance.
- Install timer plugs to turn off water dispensers during unoccupied times.

Why do those actions bring energy-saving success?

- **Behavioral Change and Awareness:** Educating employees about energy-saving practices leads to consistent actions, such as turning off devices and closing doors, which collectively reduce energy consumption.
- **Optimized Temperature Settings:** Setting A/C units to 25°C-26°C and performing regular maintenance ensures efficient operation, reducing energy use and extending equipment lifespan.
- **Efficient Lighting Use:** Utilizing natural light, retrofitting with LED technology, and implementing smart lighting controls minimize electricity consumption from artificial lighting.
- **Effective Device Management:** Monitoring and managing devices through audits, dashboards, and automated schedules prevent unnecessary energy use and optimize overall energy efficiency.

How our participants say about CEE Comp?



"This competition is a great motivator for any company that wants to implement an energy saving plan. The feedback we get from the other companies is very valuable and we don't feel like being alone when it comes to deploy environmental measures."



"Resistance to change and employee engagement were challenges during the implementation phase. But after we invested time and effort in educating and involving employees, emphasizing the benefits of the initiatives, [...] we resulted in numerous achievements."



"Since joining the competition we went through many situations. We are proud to say many unproductive habits and energy usage behavior was a lot improved following the implemented action thanks to CEE Comp and the whole."



"It's not all about the numbers, it's more about coming together, learning, and spreading knowledge. The lessons learned in the competition will go on to impact our lives far in the future as well."



"It is a great opportunity for us to raise awareness, educate, reduce our energy consumption, save money, and save the world!"



Accumulative Savings Performance

From
beginning to April:

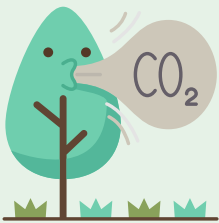
Total cumulative Savings
(MWh):

551MWh

Best accumulative
energy savings up to



29.7%



Total cumulative savings
(t.CO2):

285 t.CO2

Approximately \$ saved

\$ 87 k

Coaching sessions

Since the competition's inception, we have conducted a total **coaching sessions**, with over **100 participants** benefiting from the knowledge shared, and the knowledge of it has spread to **thousands of employees across 22 workplaces**:

- Participants who regularly attended monthly coaching meetings with the CEE Comp team showed more energy-saving efficiency compared to those who did not.
- Some participants have expressed intentions to continue their energy-saving practices even after the competition concludes, indicating sustained benefits beyond the coaching sessions.

The one-on-one coaching sessions received high praise from our participants, leading to increased energy-saving actions within their teams. Despite some challenges, particularly regarding availability, the coaching sessions have been instrumental in driving positive change.



Candidates meetings

The Candidates Meeting serves as a platform for interaction where all participants come together to share, learn, and exchange information and updates with each other, including info about the competition.

In the 2nd candidates meeting, our candidates had the chance to:

- Offer feedback to the CEE Comp team to improve the organization.
- Present the competition's results and feedback received from the CEEcomp team.
- Develop a practical strategy to boost the organization's performance under the guidance of the CEEcomp team.

During the 3rd candidates meeting, the focus was on:

- Raising awareness among participants about the impact of Energy Consumption on Climate Change.
- Outlining their commitments in a detailed plan for energy efficiency.

Following this meeting, candidates gained more knowledge about energy-saving techniques and recommended technical devices to enhance their energy-saving practices.