



## SPECIAL AWARDS

### Energy Performance Contracting (EPC)



## NATIONAL ENERGY AWARD (NEA) 2021 CHAMPION

Amidst the hardship and difficulties leading to a depressing atmosphere for all of us, the recent announcement of NEA 2021 winners has brought a burst of joy and pride to Cofreth. Cofreth was bestowed the honour of being awarded Champion for the NEA 2021 Energy Performance Contracting (EPC) special award category. The award is a joint recognition for Cofreth in the capacity of appointed ESCO and Besi Apac in the capacity of facility owner. This happens to be the second time Cofreth has won the NEA, our first success being under the NEA 2018, whereby Cofreth HQ has emerged as Champion for the energy management in small and medium building category.

There are 3 main award categories for NEA 2021: Energy Efficiency, Renewable Energy and Special Awards. Each main categories

have a number of sub-categories, of which a champion and a runner-up is announced for each sub-category. Cofreth submitted the Besi Apac high efficiency AHU direct drive fan retrofit EPC project under the EPC Special Awards category. The EPC project involves installing direct drive fan with high efficiency motor and Variable Speed Drive (VSD) for AHUs' in Besi Apac. The project has achieved 45 % average energy reduction from baseline.

The installation works were carried out by our in-house team consisting of ESD, Central Team and site support staff. Throughout the installation works, the team has faced numerous challenges. Firstly, the team had to tackle the AHU room space restrictions by assembling the direct drive fan, motor and mounting frame inside the AHU itself.

Furthermore, as Besi Apac operates 24/7, the installation works has to be done overnight on Sunday to minimise disruption to the production activities. The team was allocated a working timeframe starting from 6 pm and all the necessary works are to be completed before the Monday morning production shift commences.

It was a tough and gruelling experience, with the team working several Sundays till the early hours of the following day with heavy eyelids and exhausted bodies. However, the recognition given by emerging as NEA 2021 Champion for EPC Special Award category is the largest token of gratitude for the hard work and dedication by the team. We can proudly claim that Cofreth is now a two-time NEA champion. 🏆