

JANUARY 2019

AU COURANT

CEB NEWSLETTER
Vol 2, Issue #1

Milestones



Fuel Bunkering Facility

Signing of Loan Agreement for the Home Solar Project



Editor's note

Happy January, Dear Readers,

A year ago, we launched our 1st volume of Au Courant and as I prepare the 1st issue of our 2nd volume, I continue to be staggered by how fast time flies. In just a blink, the year 2018 is gone. But, during 2018, we reached significant milestones and this trend is continuing this year.

We have started the year 2019 by signing a loan agreement with ADFD and IRENA for Rs.350 Million to implement the Home Solar Project.

Moving further into milestones achievements, the production department has successfully completed the construction of the Heavy Fuel Oil (HFO) pipeline from Bulk Sugar Terminal Quay to Fort William. This pipeline has not only enhanced reliability and safety of the transfer of heavy fuel oil from tankers to our storage tanks, but also economically beneficial to the CEB.

I look forward to continue updating you about our achievements and as always, I invite you to share your views on the intranet or by mail.

Wishing you an enjoyable read.

Yours Sincerely,

Dr. Aansa Bedacee
Editor/Corporate Communication Officer





Fuel Bunkering Facility

The CEB embarked on a project to design and construct a Heavy Fuel Oil (HFO) pipeline from Bulk Sugar Terminal Quay to Fort William in July 2016. The construction of the new pipeline of total length of 600 metres costed MUR 31.12 Million and was executed in line with OSHA 2005 and Environmental Protection Act.

The main tasks of project comprised of:

- laying of 250 metres of underground pipes (Ductile Iron DN 400, PN 16 pipes) ,
- laying of 150 metres of above ground pipes (seamless steel DN 400, PN 16 pipes),
- laying of 200 metres of pipe under wharf (seamless steel DN 400, PN 16 pipes)
- a pigging system to empty the line and
- an automatic leak detection system.

The construction was successfully completed in November 2018 without any additional time and cost overrun. This project has not only enhanced reliability and safety of the transfer of HFO from tankers to our storage tanks, but is also economically beneficial to CEB.

Previously, CEB was dependent on an old pipeline belonging to the oil companies and was paying a throughput fee amounting to around MUR 8 Million per year for its utilisation. Hence, the payback time for this project will be in only 4 years' of operation.



Pipe laying along



Pipeline during construction works



Pig Launcher at Quay



Pig Receiver at Fort William

Pipeline after construction



Pipeline along Quay



Pipeline under Quay

Above Ground Pipeline





The pipeline is now fully operational and is being used to transfer Heavy Fuel Oil (HFO) from tanker/ship to the storage tanks at Fort William and Les Grandes Salines. The HFO is then pumped from these storage tanks to Fort Victoria and St Louis Power Stations to run the generating sets. Both power stations produce around 520 GWh of electricity representing 18 % of the country demand.

The pipeline also serves as bunkering facility for sending HFO to CEB power stations in Rodrigues.



Signing of Loan Agreement for the Home Solar Project

In September 2018, IRENA came to Mauritius for an appraisal mission of the Home Solar Project. After a successful assessment of the work which has been carried out by CEB (Green Energy) Co Ltd, on 13 January 2019, the Abu Dhabi Fund for Development (ADFD) and the CEB signed a loan agreement for a sum of Rs 350 million (USD 10 million) for the implementation of the project. The Hon. Ivan Collendavelloo, Deputy Prime Minister and Minister of Energy and Public Utilities, Mr. M. Naidoo, the Chairman of the CEB and Mr. S. Mukoon, the Ag. General Manager of the CEB were present in Abu Dhabi for the signing of the said Agreement.

The project aims at installing solar PV systems on rooftops of 10,000 households in Social Category tariff 110A and social Register, as part of the Government's efforts to alleviate poverty whilst contributing to the national target of achieving 35% of renewable electricity in the energy mix by 2025.

These photovoltaic (PV) kits will be connected to the electricity grid and will enable people in low income communities to benefit from significant electricity bill savings.

The project will bring 10 megawatts of new renewable energy capacity into the grid, resulting in savings of over USD 35 million in fossil fuel imports over the project lifetime and improvements in the energy security of the country.

