



**ELECTRICAL WORKERS
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NORTH AMERICA
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ENAM

*National School of Arts and Trades
Port-au-Prince, Haiti*



ENAM main building prior to the 2010 Earthquake



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Electrical Workers
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North America



In February 2018 an EWWBNA team traveled to Port-au-Prince and conducted a preliminary assessment for electrical upgrades and training needs at the **ENAM**.

Meetings with Father Zucchi, ENAM Executive Director



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The **ENAM** was established by the Salesian Order of the Catholic Church in 1932. It is considered the flagship educational and training complex of the Salesians in Haiti.



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The **ENAM** provides primary/secondary education and vocational training in electrical, several other construction and metal trades as well as auto mechanics. Over 2000 students attend classes at ENAM.



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In 2010 a catastrophic earthquake, measuring 7.0 on the Richter Scale, devastated Port-au-Prince.



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The **ENAM** complex was all but destroyed, and over 200 students and teachers perished under the rubble. Many were buried on the very grounds of **ENAM**.



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Mass grave at **ENAM** with remains of several students and instructors

Father Atillio, director of the Fondation Vincent orphanage, was one of many trapped under the rubble. He survived but suffered debilitating injuries.



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Italian union leaders launched a fund-raising campaign to help rebuild **ENAM**. IBEW agreed to participate providing all electrical installation in the reconstruction.



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Following an engineering assessment conducted by Fuellgraf Electric, IBEW Local 349 Miami sent volunteers to **ENAM** to work alongside apprentices.



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In 2015 two buildings housing dozens of classrooms and training shops were completed.



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June 2015 over 1000 attended the inauguration of the new buildings, including the Prime Minister, Vatican officials, a trade-union delegation from Italy and several leaders from the IBEW.



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EWWBNA team observations:

- **ENAM** has three diesel generators with a capacity of 400kw, but the generators are very expensive to run
- **ENAM** could use a solar system, and contemplates roof-top installation on five of its buildings. An assessment from a German member of the Salesian order estimates potential solar production at 120kw.
- Lighting should be converted to LED to reduce load on proposed solar system



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EWWBNA team observations:

- **ENAM** aspires to be the premier electrical training program in Haiti.
- EWWBNA volunteers could assist in solar installation as a train-trainers exercise.
- An electrical engineer is needed to complete assessment and action plan before EWWBNA volunteers can be mobilized.
- Electrical Workers Without Borders Italy has agreed to recruit electrical engineer.



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Projection of the future **ENAM** training complex.



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EWWBNA

Solar Installation and Train-the-Trainers Project with

ENAM

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Port-au-Prince, Haiti*

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