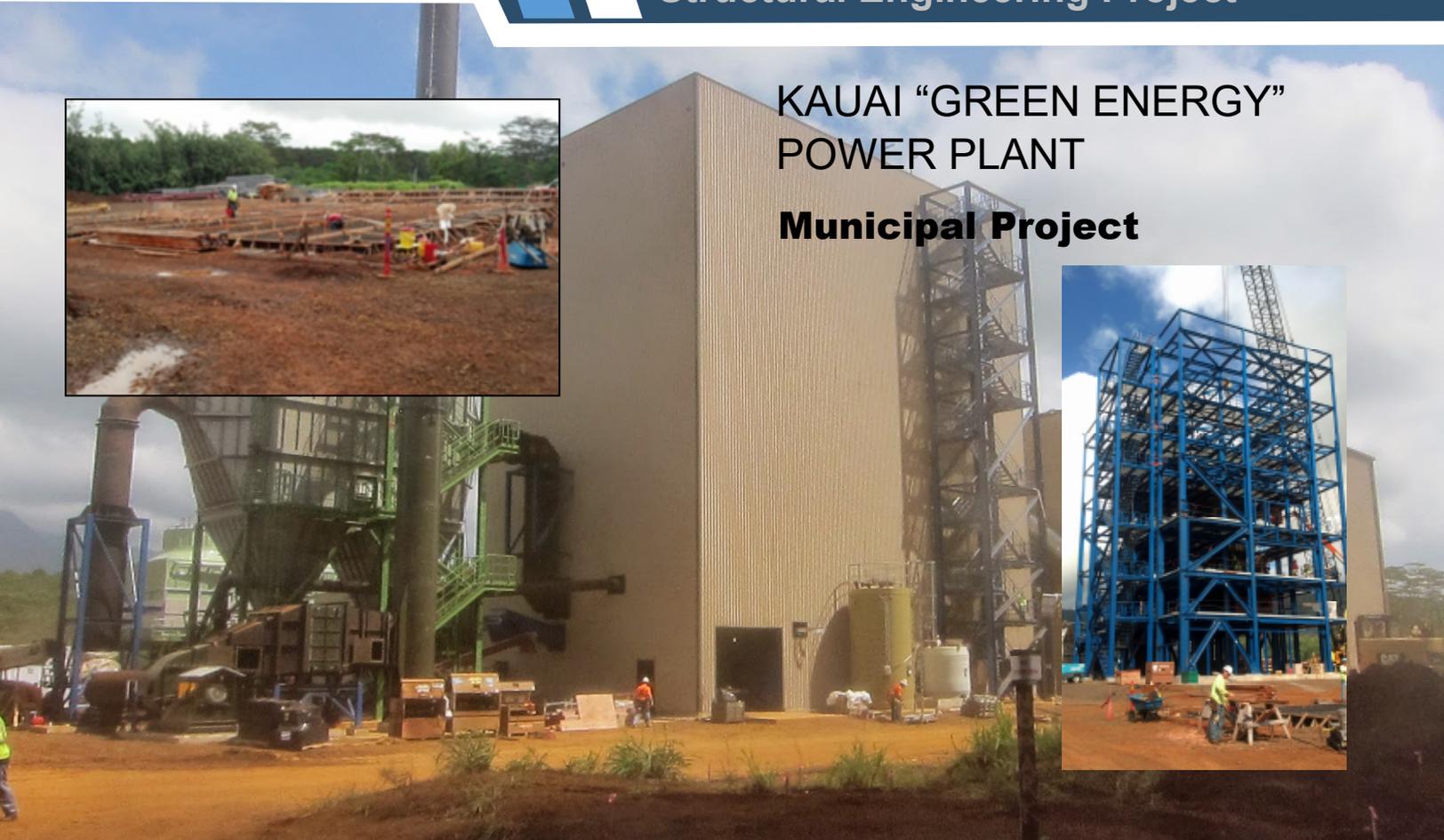


## Structural Engineering Project



### KAUAI "GREEN ENERGY" POWER PLANT

#### **Municipal Project**



#### PROJECT DESCRIPTION:

- ◆ McNeil Engineering's role in the design was that of the structural engineer of record. This project required coordination with fabricators and engineers in Poland and Germany and construction that took place in Hawaii. McNeil Engineering has a commitment to using cutting edge technology not only in their design, but also in their project management. Using this technology, McNeil Engineering was able to maintain communication with all principles of the project from their office in Sandy, Utah by breaking down the traditional work flow boundaries that may limit other firms to their geographic locations.
- ◆ McNeil's team furnished the deliverables (construction documents, calculations, RFI's) electronically to the fabricators, constructors and engineers using the internet. Virtually all communications were done with Skype or other web based communication tools. Tablets and lap tops were used to house and view construction documents. Cell phones were used to capture and document any construction issues.
- ◆ McNeil Engineering's design team was able to not only perform their "regular" duties as structural engineers, but they were also able to coordinate a project that involved principles from three countries, which covered over 7400 miles, using their revolutionary knowledge of the most current engineering and communication technologies.



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