

## EGAT Research and Development Completed Project 2010

- A Research of the Addition of Additive to Palm Empty Fruit Bunch for Using as Fuel for Electricity Generation
- Dissolved Oxygen Increasing in Downstream by Aquatic Plants
- Biohydrogen production by cyanobacteria
- The Study on Potential of Fish Yield Enhancement in Srinagarind Dam
- Development of Dynamic Rule Curve for Mae Klong Multireservoir System
- Effects of terminating cooling units during daily peak period on product quality stored in cool storage.
- The Development of Bottom ash and Disposed Ash based Geopolymeric Materials
- Environmentally Friendly Fuel I: Isolation and Identification of Phototrophic Bacteria for the Production of Biohydrogen
- The study of social capital for sustainable community development: case study of Tumbon Khlongkanan; Pakasai; and Talingchan communities, Amphoe Nue Klong, Krabi province
- Investigation of fatigue behaviors and fracture mechanics of Manual Metal Arc Welding (MMA), MIG/MAG and FCAW Resurfacing on Low Alloy Steels AISI 4340
- An Analysis of Investment Options and Approaches in EGAT Renewable Energy Plan.
- The development of software to calculate transmission line performance indices for evaluating performance of a transmission system (Phase 1)
- The Evaluation of Successful Forestation and Reforestation Growing by EGAT
- Developing Optimization Model for Daily and Weekly Planning of Power Generation