

History of LAWI – ERK Cooperation

The following projects have been done by LAWI Engineering GmbH in cooperation with ERK (Eckrohrkessel GmbH) since 2008:

2015

Biomass Power Plant 12 MW LAWI EtaPlant®

Commissioning Date: Scheduled April 2017

Design Fuel: Gliricidia

Location: Nabou of Viti Levu/ Fiji

Technical Project Data:

Firing Design Capacity: 49 MW_{th}

Steam Boiler Design Data: 57 tons per hour, 36.3 bar(a), 440°C

Generator Capacity: 12 MW_{el}

Biomass Power Plant 11 MW LAWI EtaComb® 400

Commissioning Date: Scheduled December 2016

Design Fuel: Rice Husk, Eucalyptus Bark, Wood Chip

Location: Kamphengphet/ Thailand

Technical Project Data:

Firing Design Capacity: 40.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485°C

Generator Capacity: 11 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: May 2015

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Sirindhorn/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaComb® 400

Commissioning Date: April 2015

Design Fuel: Rice Husk, Eucalyptus Bark

Location: Pichit/Thailand

Technical Project Data:

Firing Design Capacity: 40.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

2014

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: July 2014

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Thoen/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

2013

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: December 2013

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Srichiangmai/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaComb® 400

Commissioning Date: November 2013

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Buriram/Thailand

Technical Project Data:

Firing Design Capacity: 41 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: June 2013

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Ponthong/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 2x 9.9 MW LAWI EtaPlant®

Commissioning Date: April 2013

Design Fuel: Rice Husk, Wood Chip
Location: Khon Kaen/Thailand

Technical Project Data:
Firing Design Capacity: 40 MW_{th}
Steam Boiler Design Data: 88 tons per hour, 67 bar(a), 485°C
Generator Capacity: 2x9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaComb® 400

Commissioning Date: March 2013

Design Fuel: Para Wood
Location: Tungsong/Thailand

Technical Project Data:
Firing Design Capacity: 40 MW_{th}
Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485°C
Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: January 2013

Commissioning (COD): January 2013
Design Fuel: Eucalyptus Bark, Wood Chip
Client: Advanced Energy Development Co., LTD.
Location: Chokchai/Thailand

Technical Project Data:
Firing Design Capacity: 39.5 MW_{th}
Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C
Generator Capacity: 9.9 MW_{el}

2012

Biomass Power Plant 7.5 MW LAWI EtaPlant®

Commissioning Date: December 2012

Design Fuel: Eucalyptus Bark, Eucalyptus Wood Chip

Location: Kamphaeng Phet/Thailand

Technical Project Data:

Firing Design Capacity: 30 MW_{th}

Steam Boiler Design Data: 33 tons per hour, 68 bar(a), 485°C

Generator Capacity: 7.5 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: October 2012

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Prasat/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 17 MW LAWI EtaPlant®

Commissioning Date: September 2012

Design Fuel: Eucalyptus Bark, Rice Husk, Wood Chip (Multi-Fuel-Design)

Location: Surin/Thailand

Technical Project Data:

Firing Design Capacity: 60 MW_{th}

Steam Boiler Design Data: 67 tons per hour, 66 bar(a), 485°C

Generator Capacity: 17 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: June 2012

Design Fuel: Rice Husk, Eucalyptus Bark

Location: Roi Et/Thailand

Technical Project Data:

Firing Design Capacity: 40 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: May 2012

Design Fuel: Eucalyptus Bark, Wood Chip

Location: Nampong/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: April 2012

Commissioning (COD): April 2012

Design Fuel: Eucalyptus Bark, Wood Chip

Client: Advanced Energy Development Co., LTD.

Location: Ban Bueng/Thailand

Technical Project Data:

Firing Design Capacity: 39.5 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

2011

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: October 2011

Design Fuel: Rice Husk
Location: Korat/Thailand

Technical Project Data:
Firing Design Capacity: 46 MW_{th}
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485°C
Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: October 2011

Design Fuel: Coconut Fiber, Palm Stalk, Wood Chip (Multi-Fuel-Design)
Location: Thap Sakae/Thailand

Technical Project Data:
Firing Design Capacity: 42 MW_{th}
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485°C
Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaComb® 600

Commissioning Date: February 2011

Design Fuel: Bagasse (Multi-Fuel-Design)
Location: Utathani/Thailand

Technical Project Data:
Firing Design Capacity: 53 MW_{th}
Steam Boiler Design Data: 60 tons per hour, 68 bar(a), 485°C
Generator Capacity: 9.9 MW_{el}
Process steam (CHP)

2009

Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: April 2009

Design Fuel: Palm Leaves, Empty Fruit Bunch (Multi-Fuel-Design)

Location: Chumporn/Thailand

Technical Project Data:

Firing Design Capacity: 46 MW_{th}

Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}

Biomass Power Plant 7.5 MW LAWI EtaPlant®

Commissioning Date: March 2009

Design Fuel: Rice Husk

Location: Chon Buri/Thailand

Technical Project Data:

Firing Design Capacity: 32.5 MW_{th}

Steam Boiler Design Data: 35 tons per hour, 69 bar(a), 490°C

Generator Capacity: 7.5 MW_{el}

2008

Biomass Power Plant 10 MW LAWI EtaPlant®

Commissioning Date: October 2008

Design Fuel: Rice Husk, Bark, Corn Cob (Multi-Fuel-Design)

Location: Buriram/Thailand

Technical Project Data:

Firing Design Capacity: 50 MW_{th}

Steam Boiler Design Data: 55 tons per hour, 66 bar(a), 485°C

Generator Capacity: 10 MW_{el}

Biomass Power Plant 9.9 MW LAWI EtaComb® 500

Commissioning Date: October 2008

Design Fuel: Rice Husk, Bark, Corn Cob (Multi-Fuel-Design)

Location: Ubon Ratchathani/Thailand

Technical Project Data:

Firing Design Capacity: 50 MW_{th}

Steam Boiler Design Data: 55 tons per hour, 66 bar(a), 485°C

Generator Capacity: 9.9 MW_{el}
