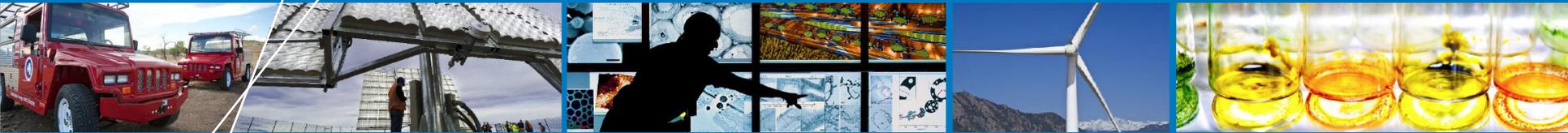
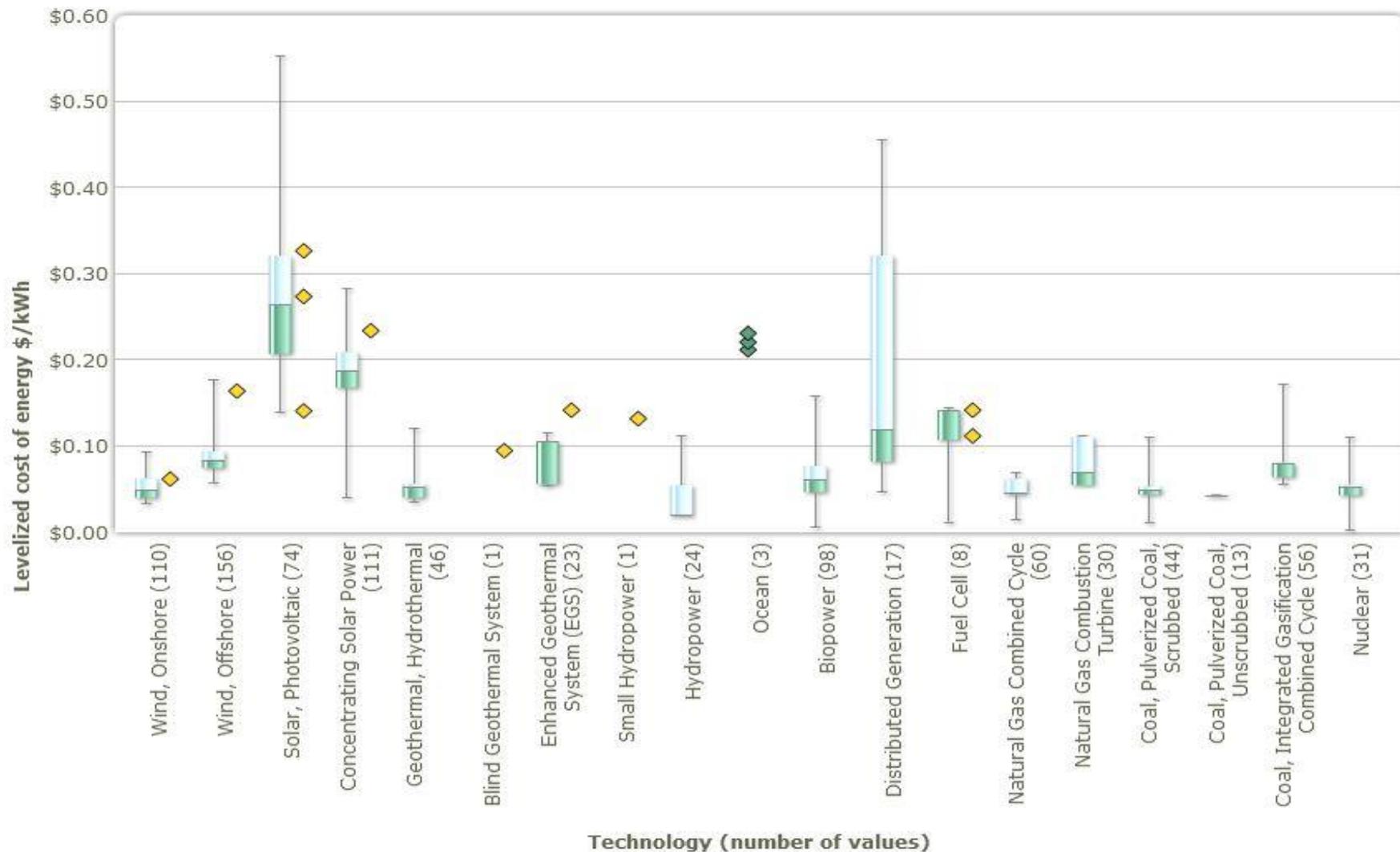


Trends in Renewable Energy Costs



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November 6, 2013

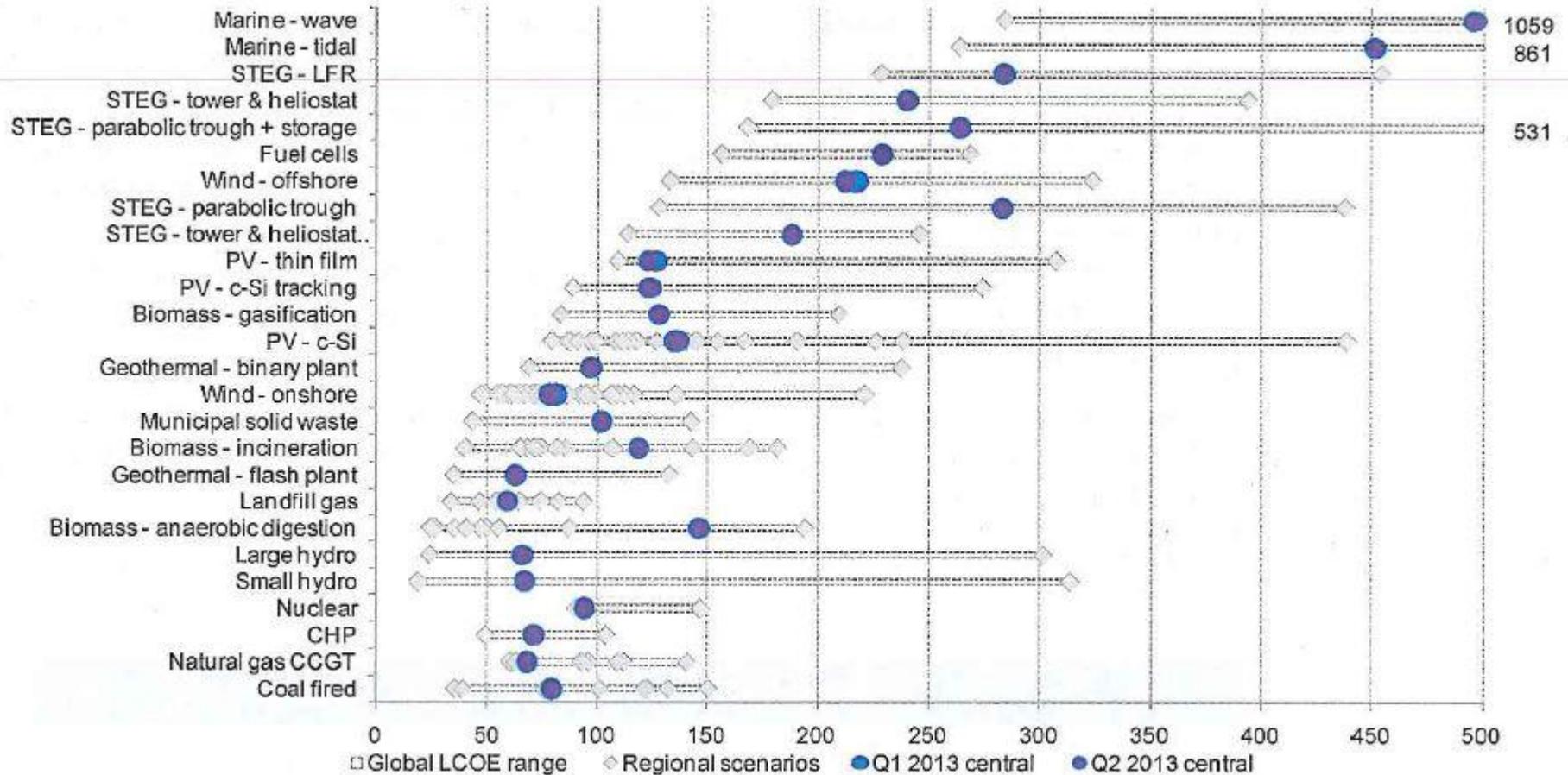
LCOE Comparison – Transparent Cost Database



Source: Transparent Cost Database <http://en.openei.org/apps/TCDB/>

LCOE Comparison Global

Figure 1: Levelised cost of electricity, Q2 2013 (\$/MWh)



Source: Bloomberg New Energy Finance. Note: Regional scenarios are shown to demonstrate the richness of the dataset and are discussed further in the sector-specific sections of the Note.

BNEF 2013. Levelised Cost of Electricity Update, Q2 2013.

Geothermal LCOEs

Figure 10: Geothermal LCOEs (*central scenario, nominal prices, \$/MWh*)

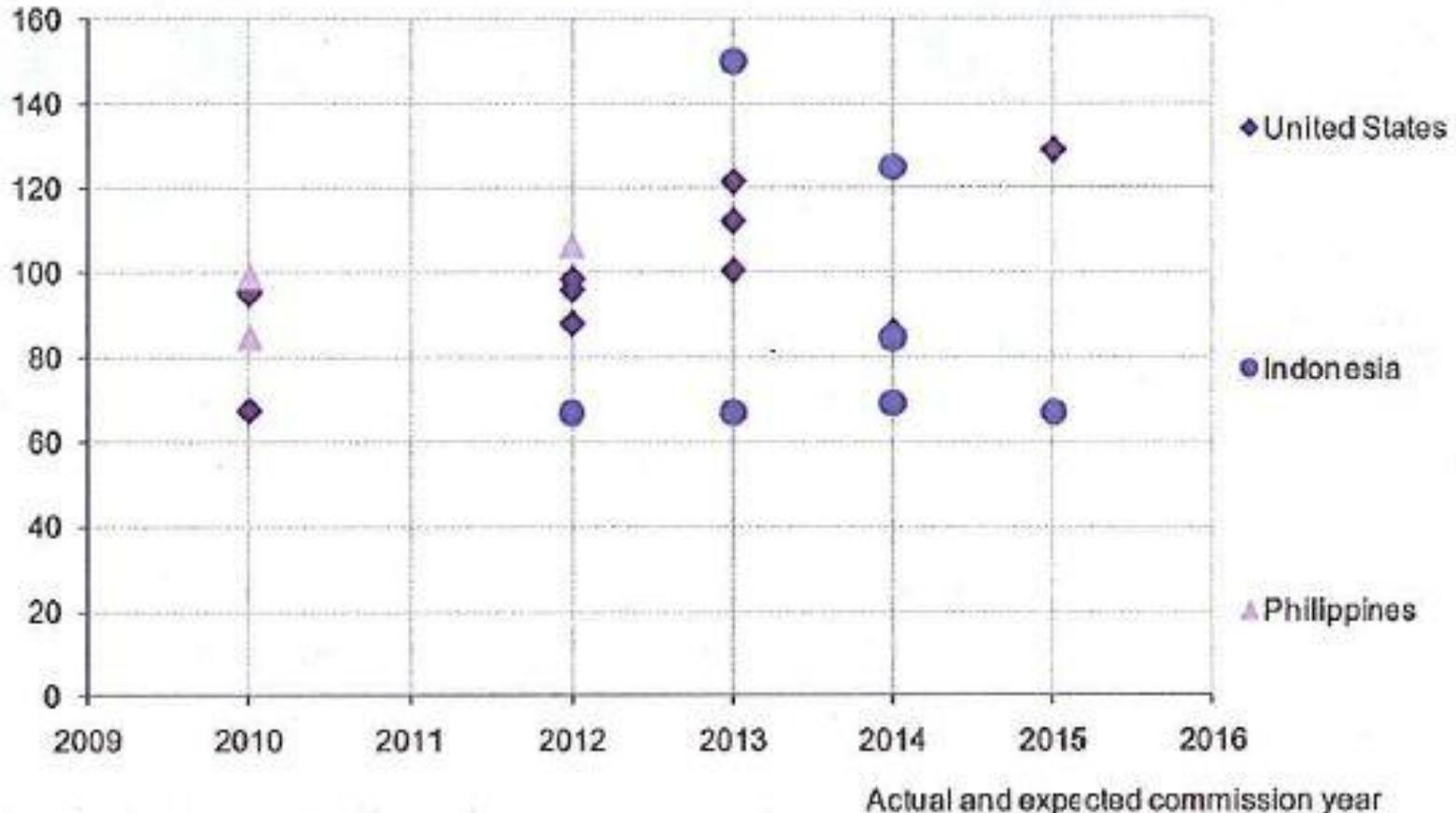


Source: Bloomberg New Energy Finance

BNEF 2013. Levelised Cost of Electricity Update, Q2 2013.

Geothermal PPA Prices

Figure 1: PPA prices in the US, Indonesia, and Philippines 2009–16 (\$/MWh)

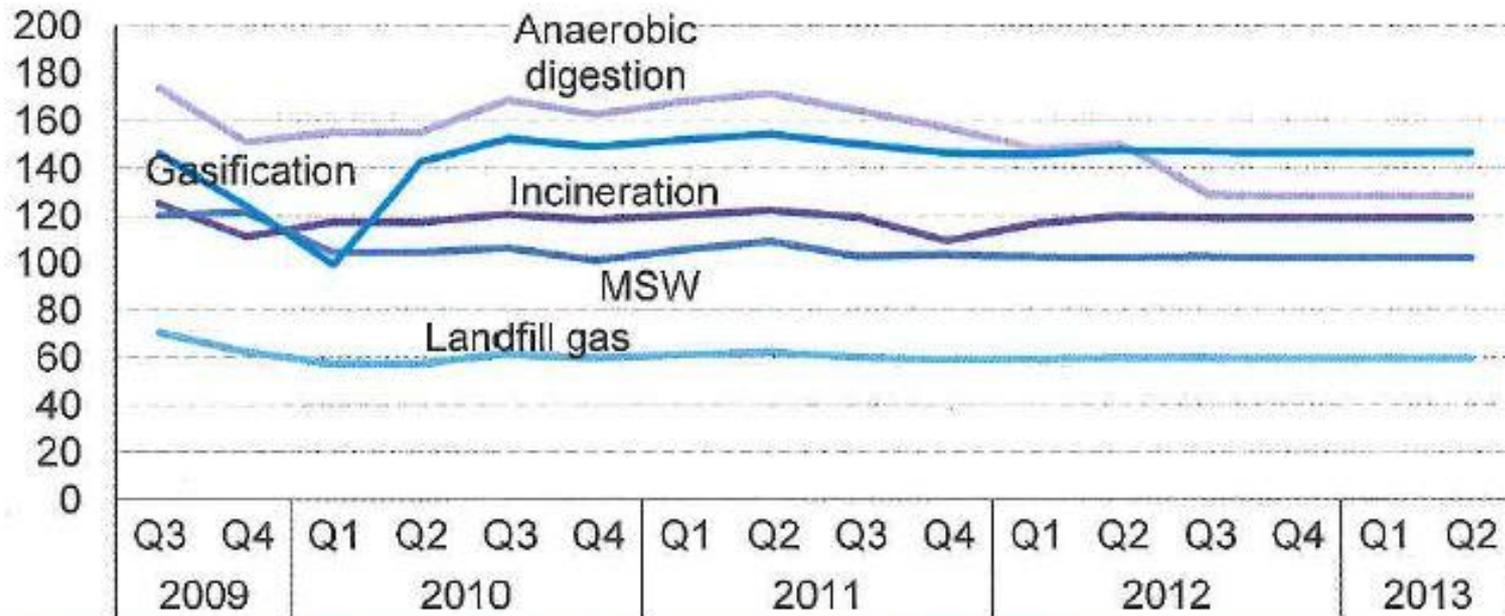


Source: Bloomberg New Energy Finance. Note: Years represent date of actual or expected commissioning date.

Source: BNEF 2010. Heat Flow to Cash Flow: Geothermal PPA Pricing Trends

Biomass LCOEs

Figure 9: Biomass LCOEs (central scenario, nominal prices, \$/MWh)



BNEF 2013. Levelised Cost of Electricity Update, Q2 2013.



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