

Annual Energy Outlook 2015: LFMM preliminary results



AEO2015 Liquid Fuels Market Module Results

Office of Petroleum, Natural Gas & Biofuels Analysis

September 24, 2014 | Washington, DC

**WORKING GROUP PRESENTATION FOR DISCUSSION PURPOSES
DO NOT QUOTE OR CITE AS RESULTS ARE SUBJECT TO CHANGE**

Discussion topics

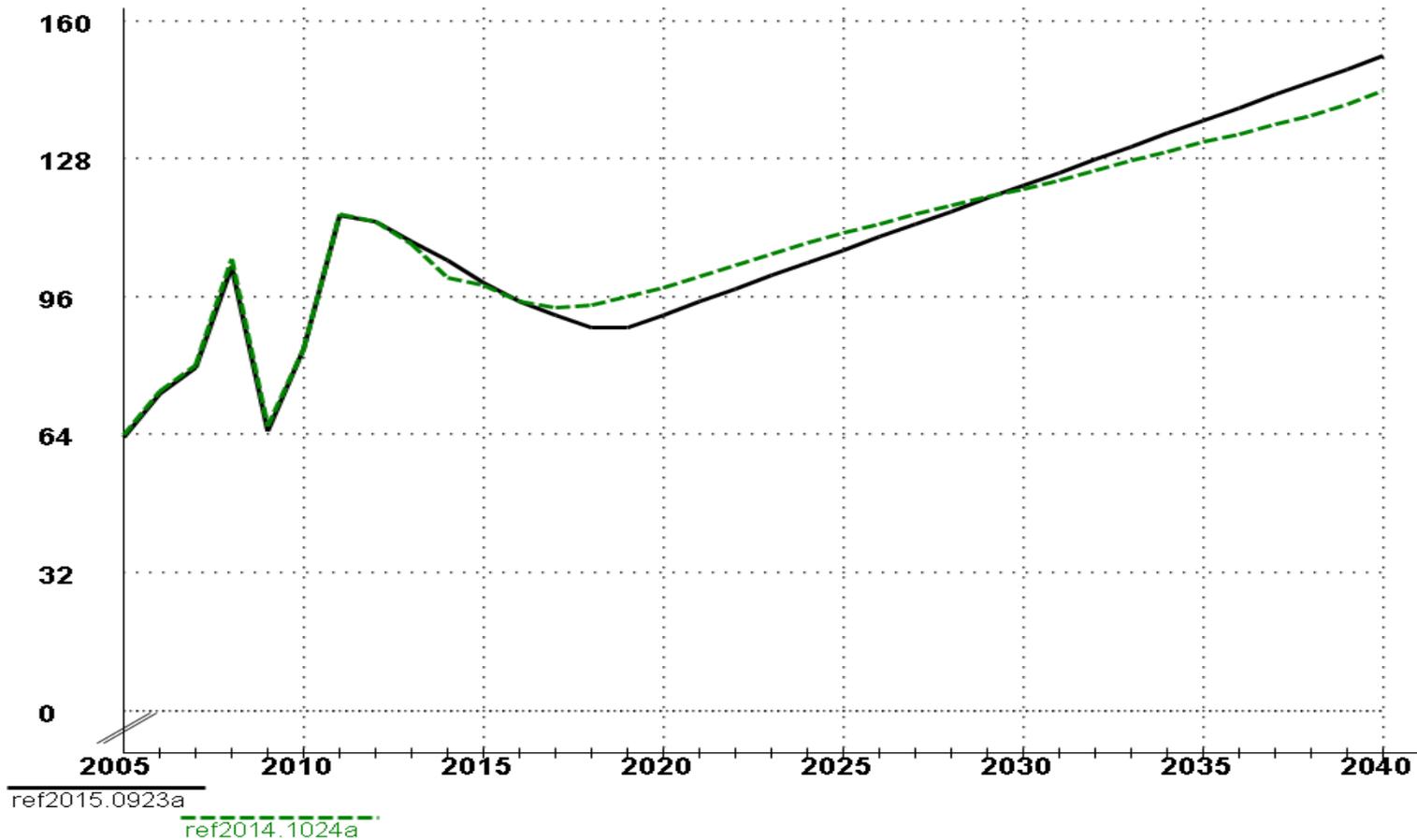
- AEO2015 vs AEO2014 changes in LFMM
- Key preliminary results

AEO2015 vs AEO2014 changes in LFMM

- Crude
 - Light sweet crude (35+ API) broken into 3 API gravity ranges
 - $35 \leq \text{API} < 40$
 - $40 \leq \text{API} < 50$
 - $\text{API} \geq 50$
 - Updated historical crude exports to Canada to current levels
 - Allowed material ≥ 50 API to be exported
 - Revised methodology for determining by-grade crude price response
- Products
 - Modified elasticities representing international product import and export curves (IEM)
 - Represented Tier-3 motor gasoline regulation
- Logistics
 - Updated pipeline and rail capacities and tariffs
 - Updated crude import/export price differentials
- No change in RFS targets over projection period

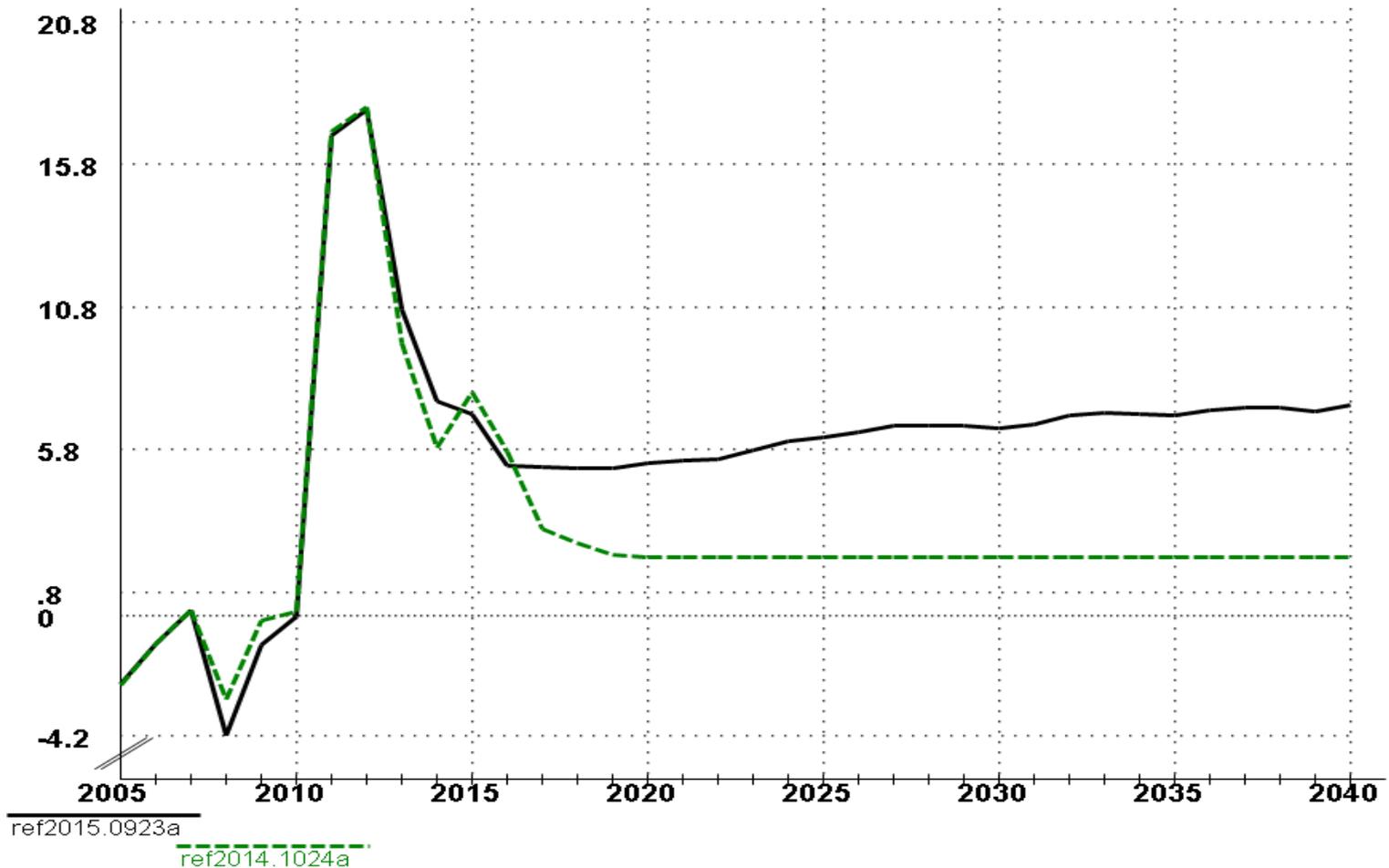
Brent spot price

Real Petroleum Prices : Crude Oil : Brent Spot (2013 \$/bbl)



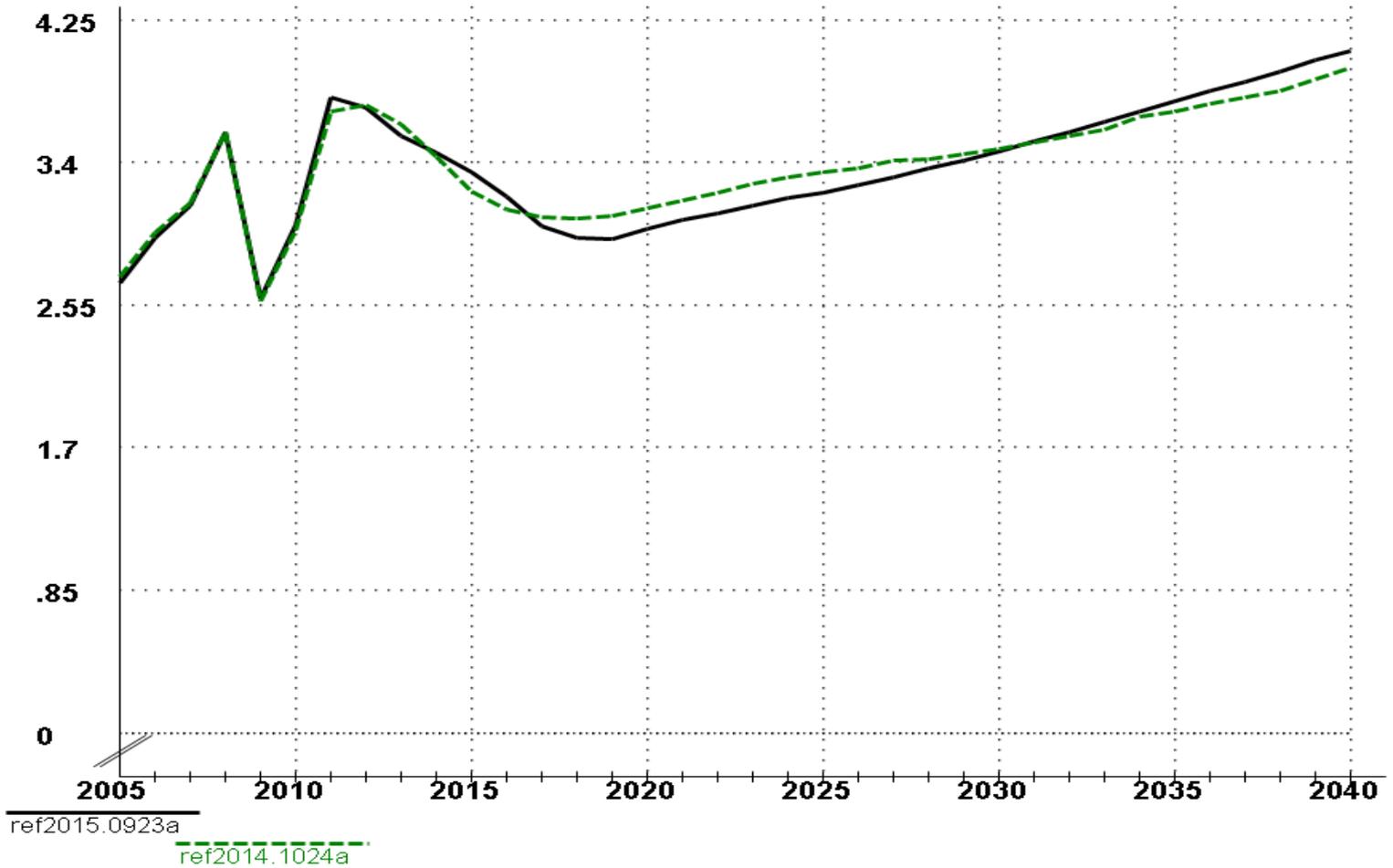
Brent-WTI spread

Real Petroleum Prices : Crude Oil : Brent vs. WTI Price Spread (2013 \$/bbl)



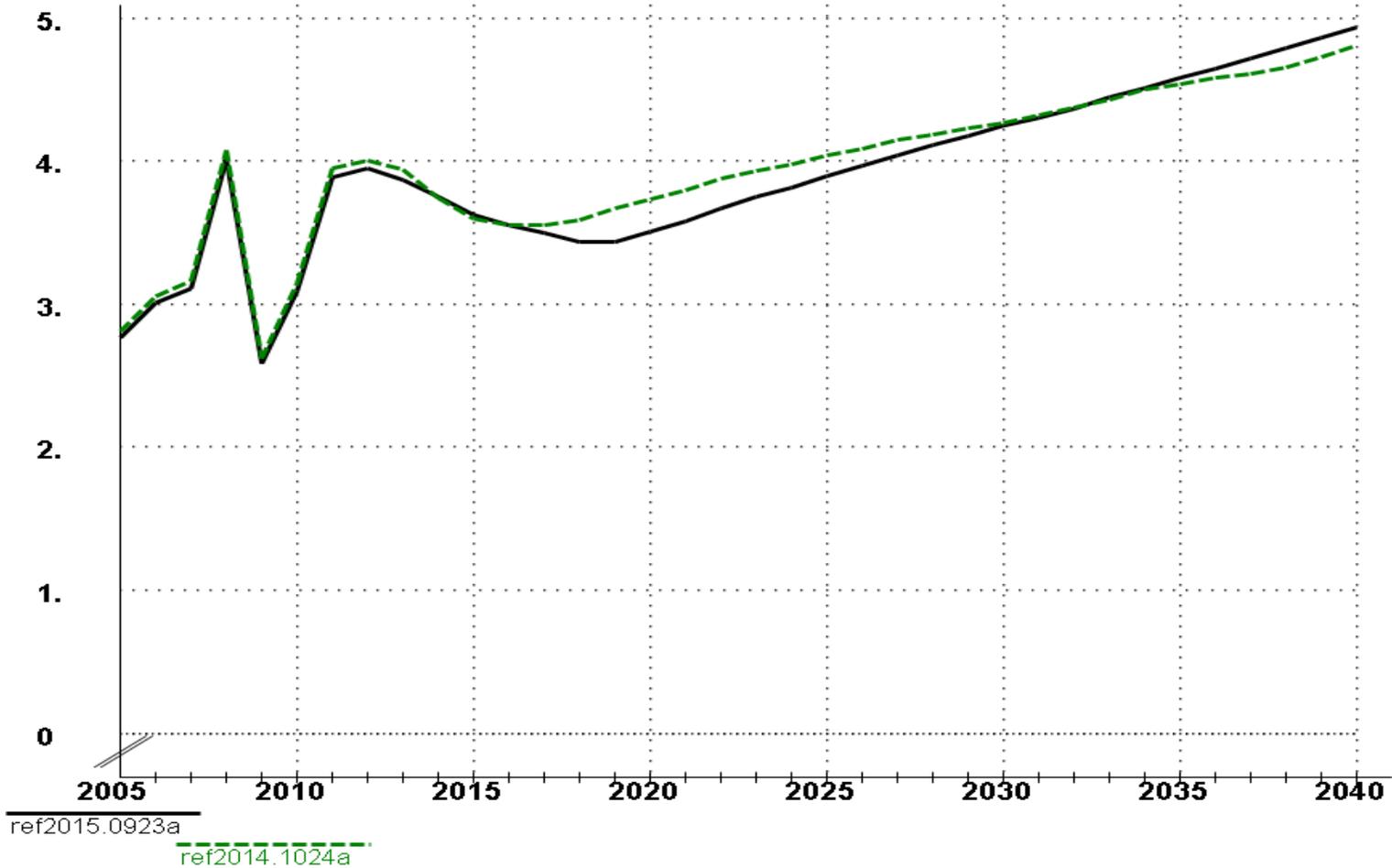
Motor gasoline price

Real Petroleum Prices : Transportation : Motor Gasoline (2013 \$/gallon)



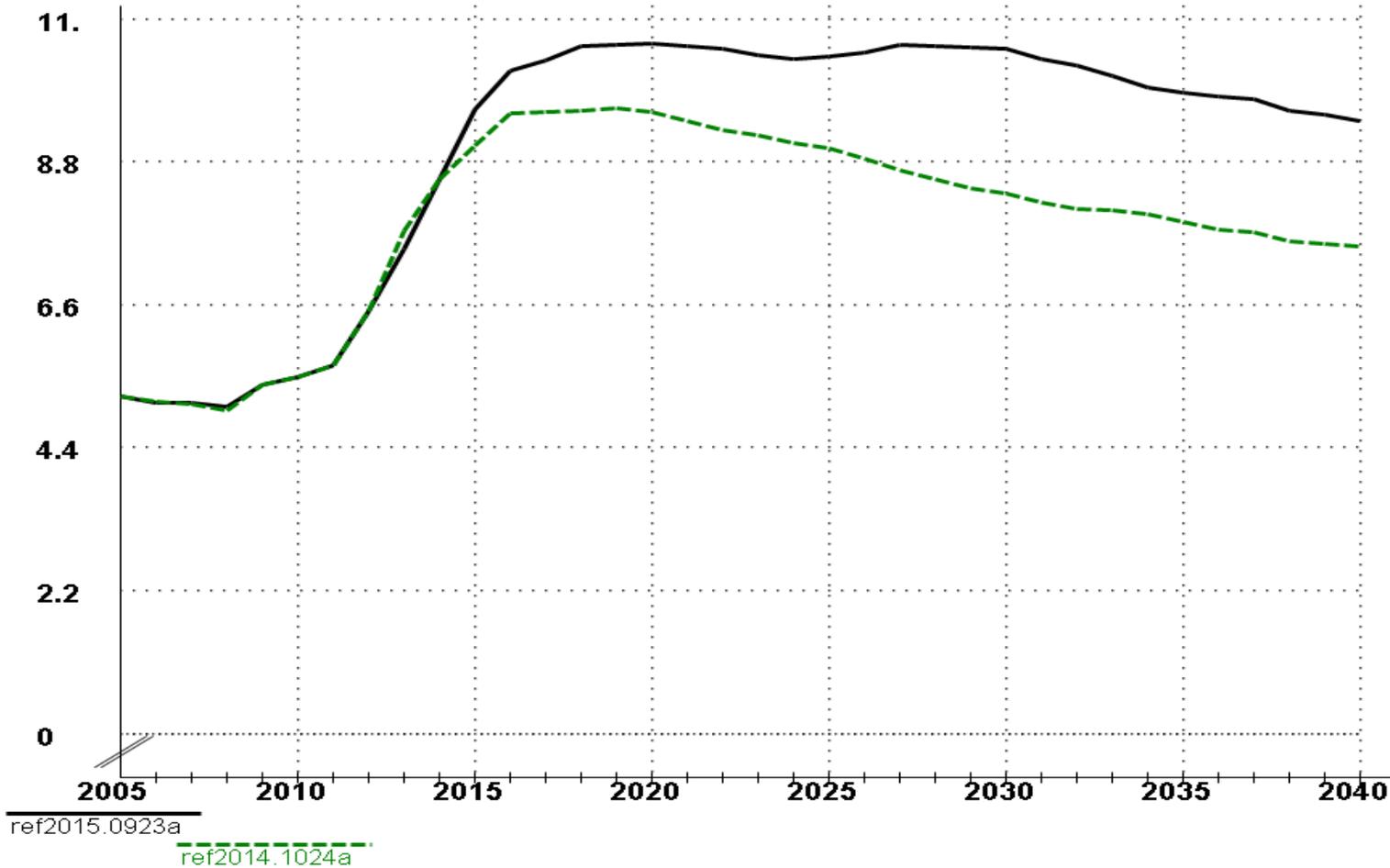
Diesel fuel price

Real Petroleum Prices : Transportation : Diesel Fuel (2013 \$/gallon)



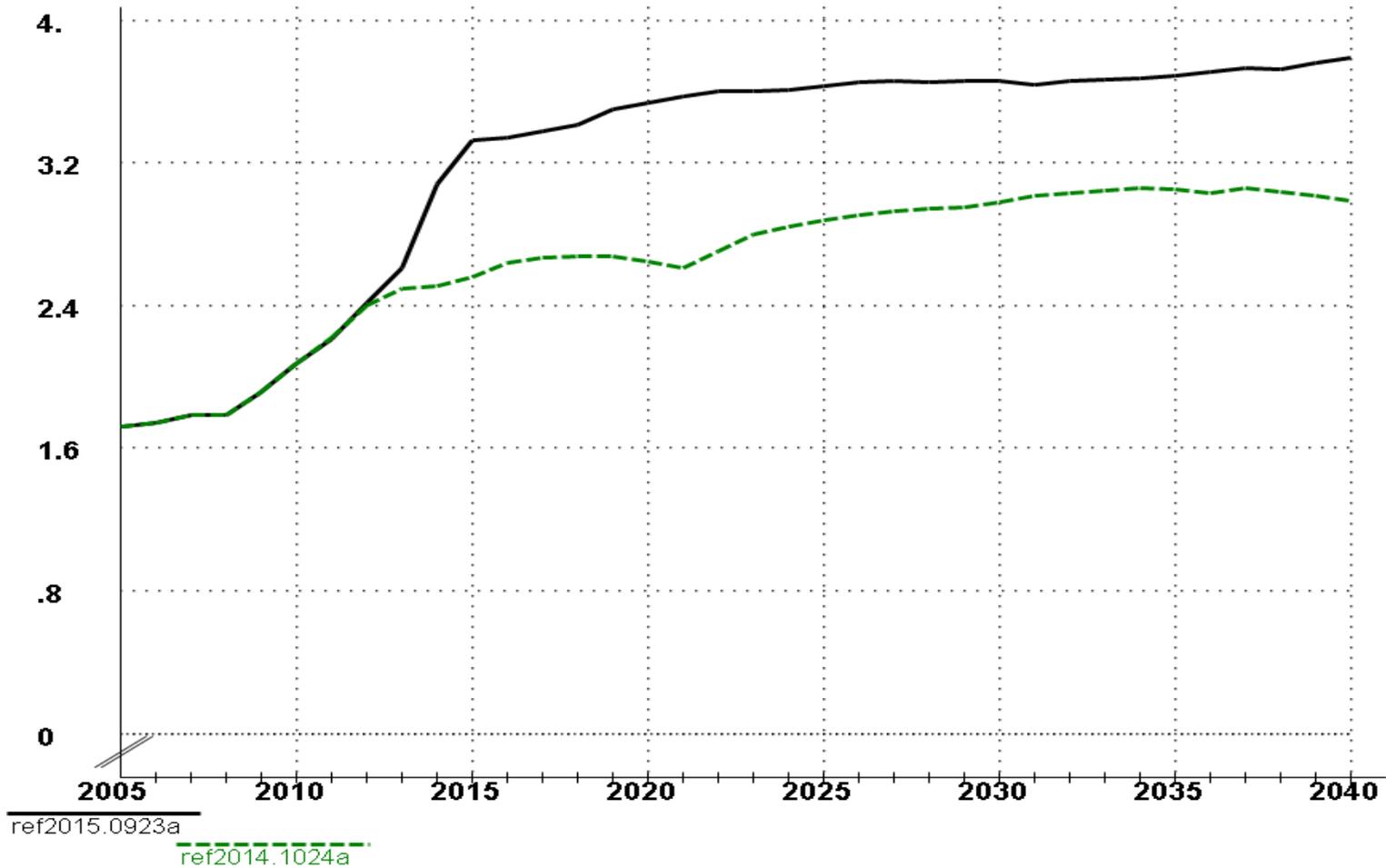
Domestic crude oil production

Liquid Fuels : Crude Oil : Domestic Production (mill bbl/day)



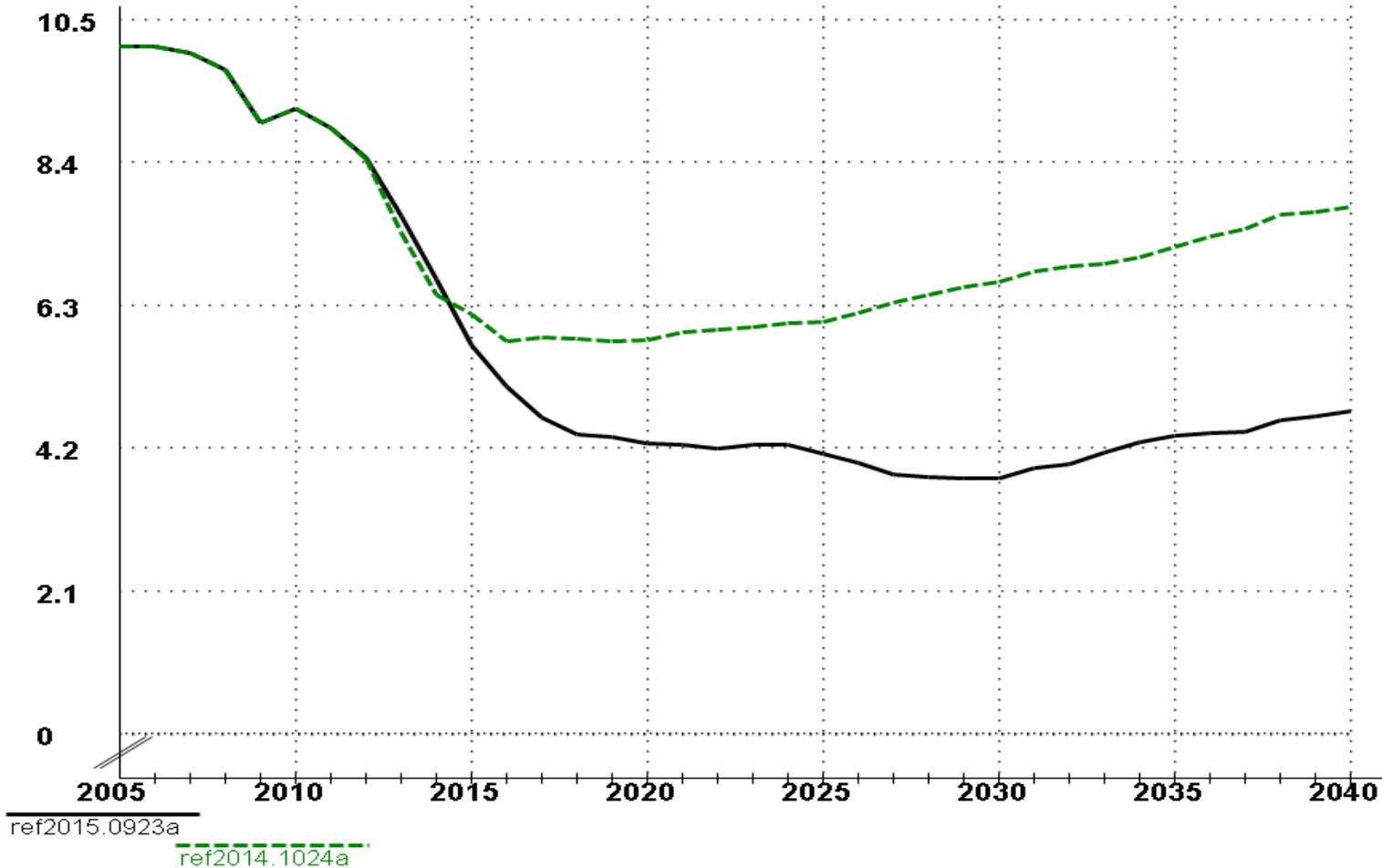
Domestic NGPL production

Liquid Fuels : Natural Gas Plant Liquids (mill bbl/day)



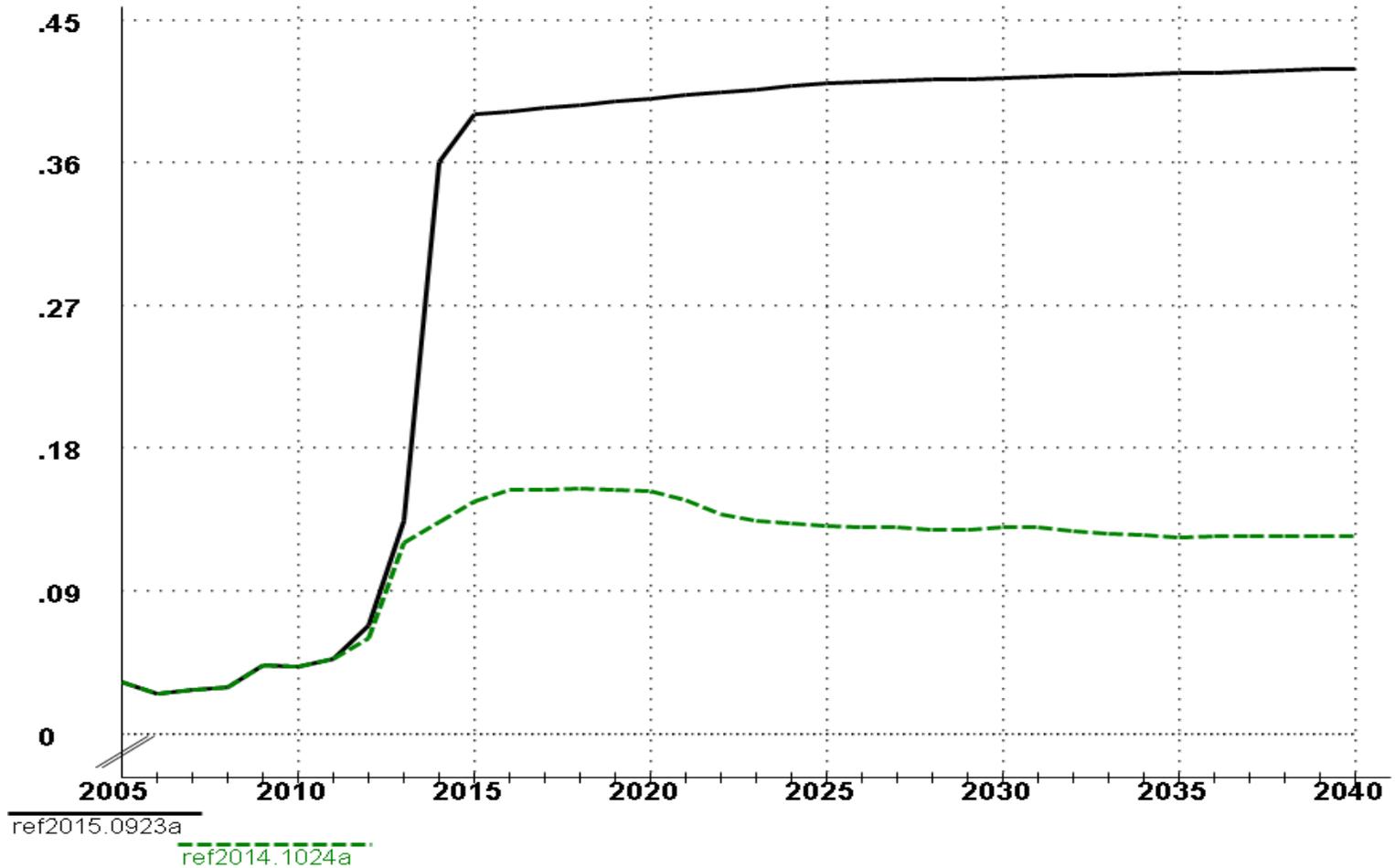
Net imports of crude oil

Liquid Fuels : Crude Oil : Net Imports (mill bbl/day)



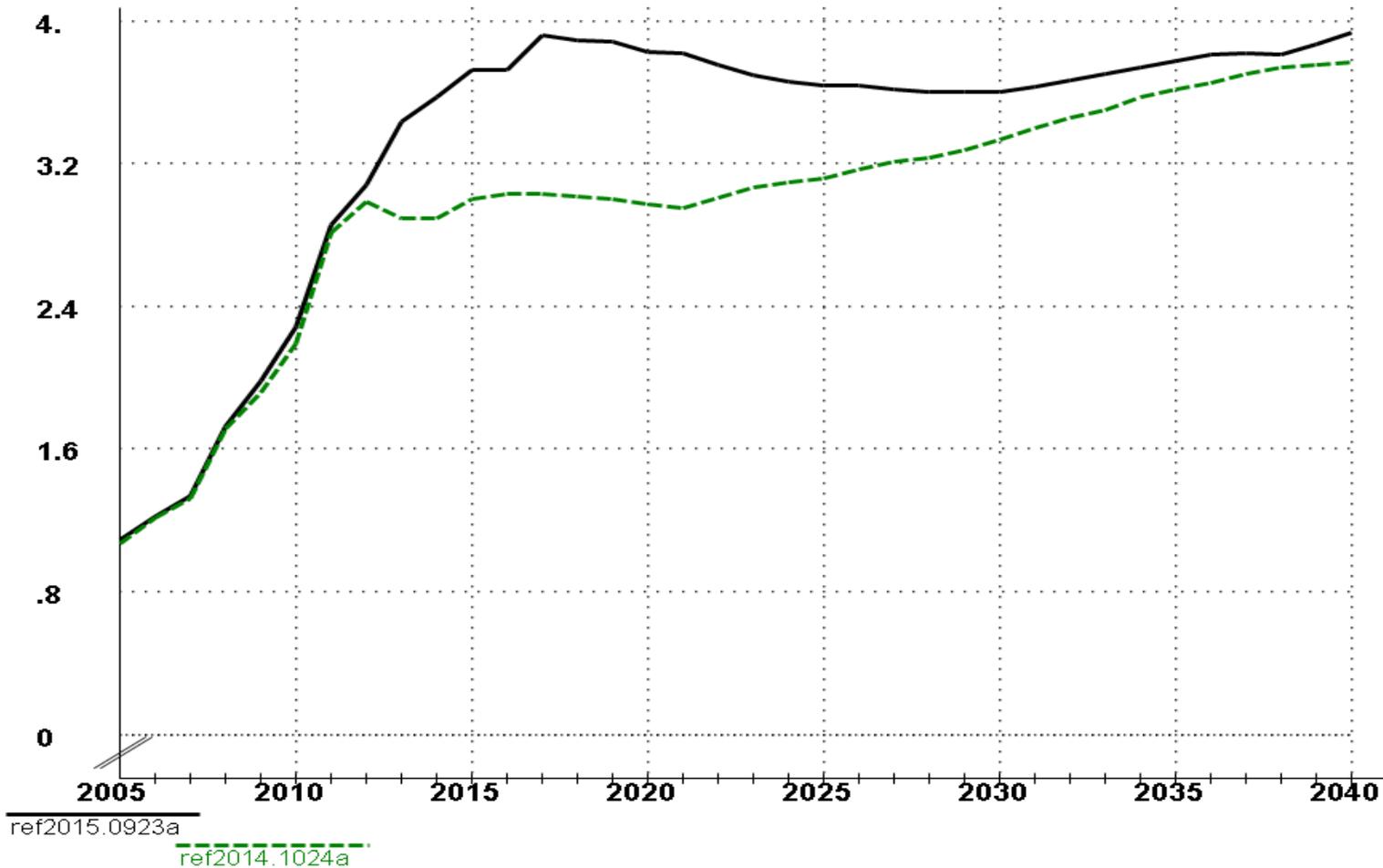
Crude oil exports (mainly to Canada)

Liquid Fuels : Crude Oil : Exports (mill bbl/day)



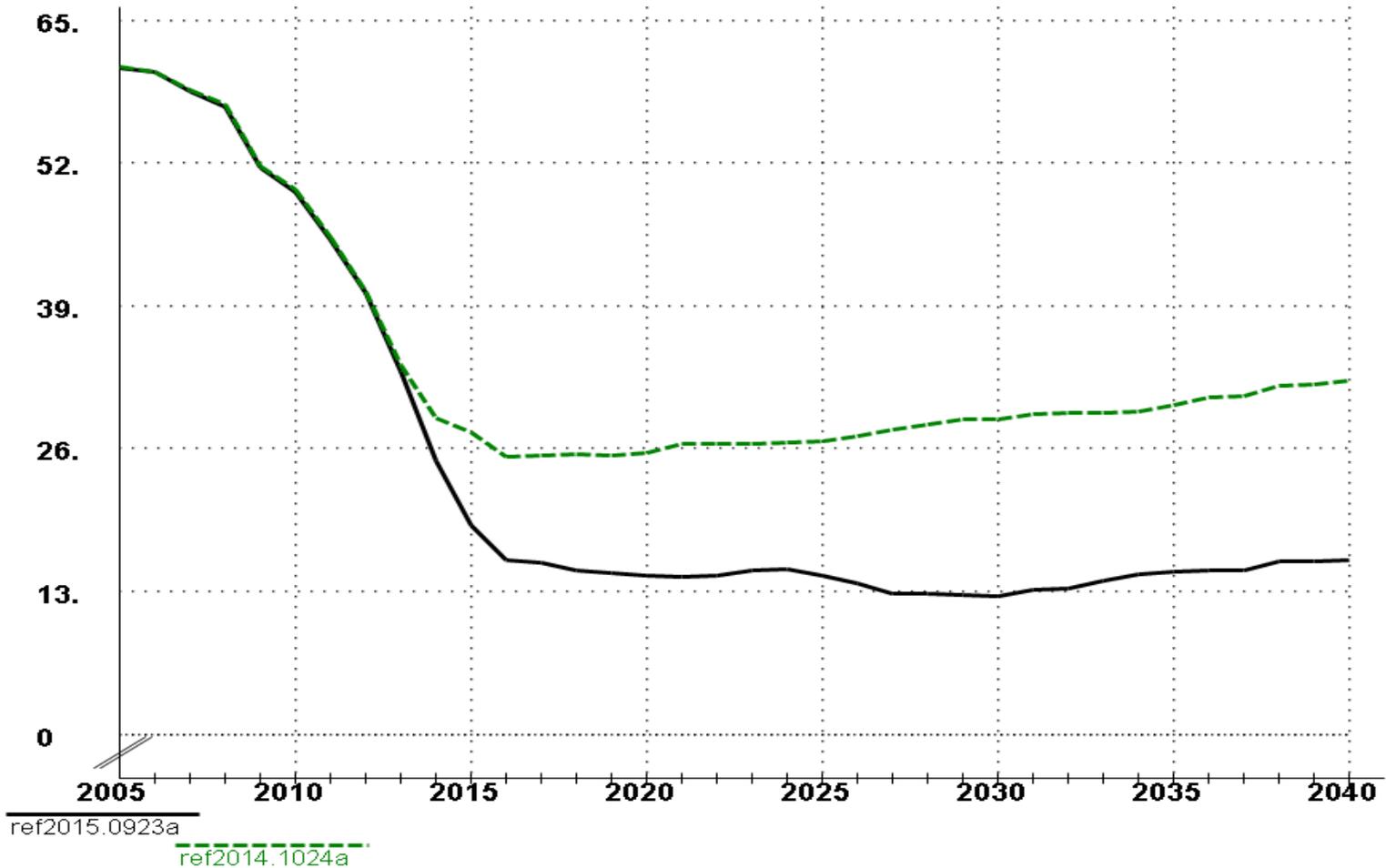
Product exports

Liquid Fuels : Net Product Imports : Exports (mill bbl/day)



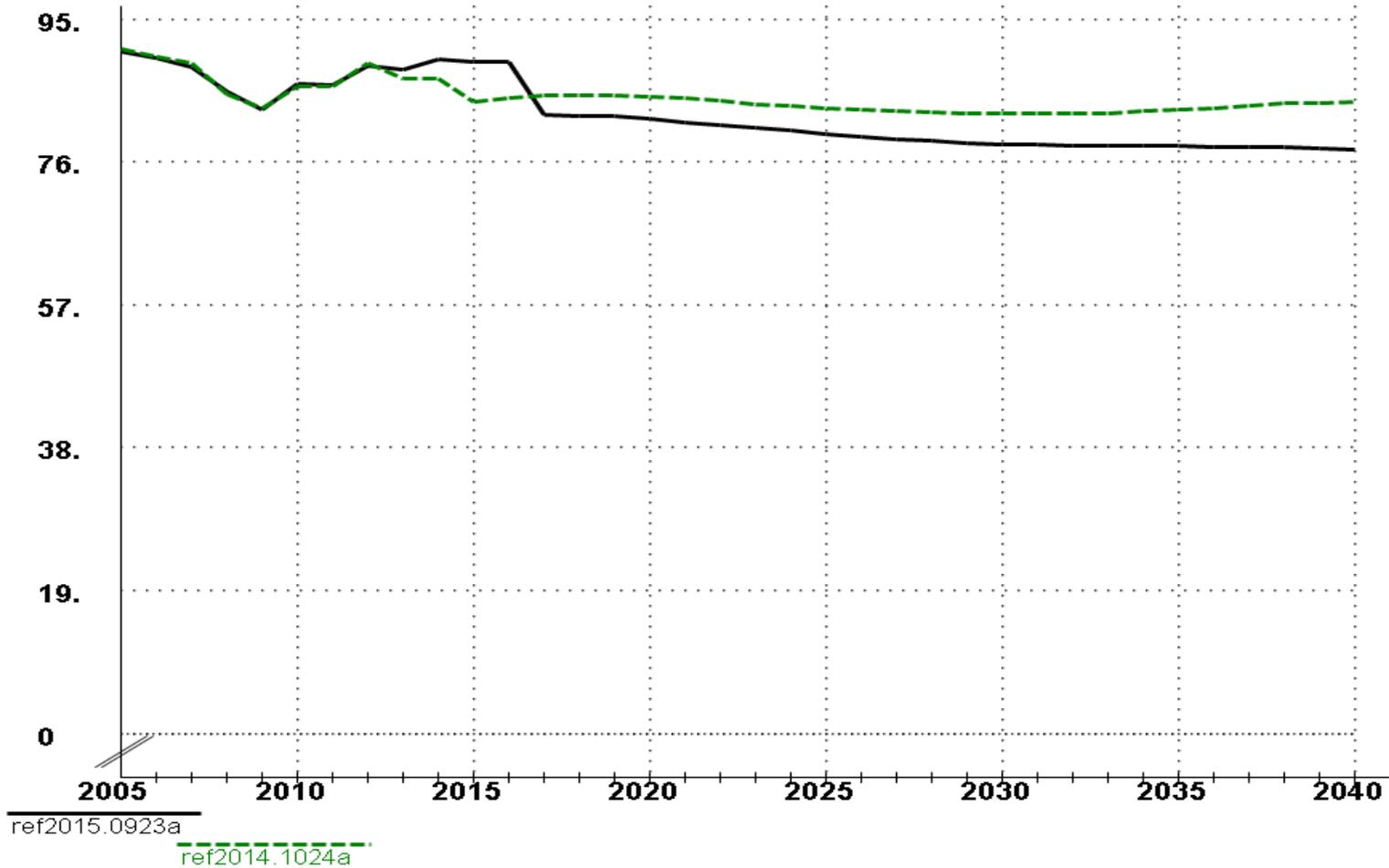
Net import share of product supplied

Liquid Fuels : Net Import Share of Product Supplied (percent)



Refinery utilization

Liquid Fuels : Capacity Utilization Rate (percent)



Contacts

John Powell: john.powell@eia.gov

Mindi Farber-DeAnda: mindi.farber-deanda@eia.gov

Beth May: elizabeth.may@eia.gov

Michael Cole: michael.cole@eia.gov

Adrian Geagla: adrian.geagla@eia.gov

Next Working Group Meeting

Tentatively planned for July 2015.

Will present assumptions for *AEO2016*.

For more information

U.S. Energy Information Administration home page | www.eia.gov

Short-Term Energy Outlook | www.eia.gov/steo

Annual Energy Outlook | www.eia.gov/aeo

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer

EIA Information Center

(202) 586-8800 | email: InfoCtr@eia.gov