

Trilateral energy information update



For

Midwest-Canada Relations Committee

July 2015 | Bismarck, ND

By

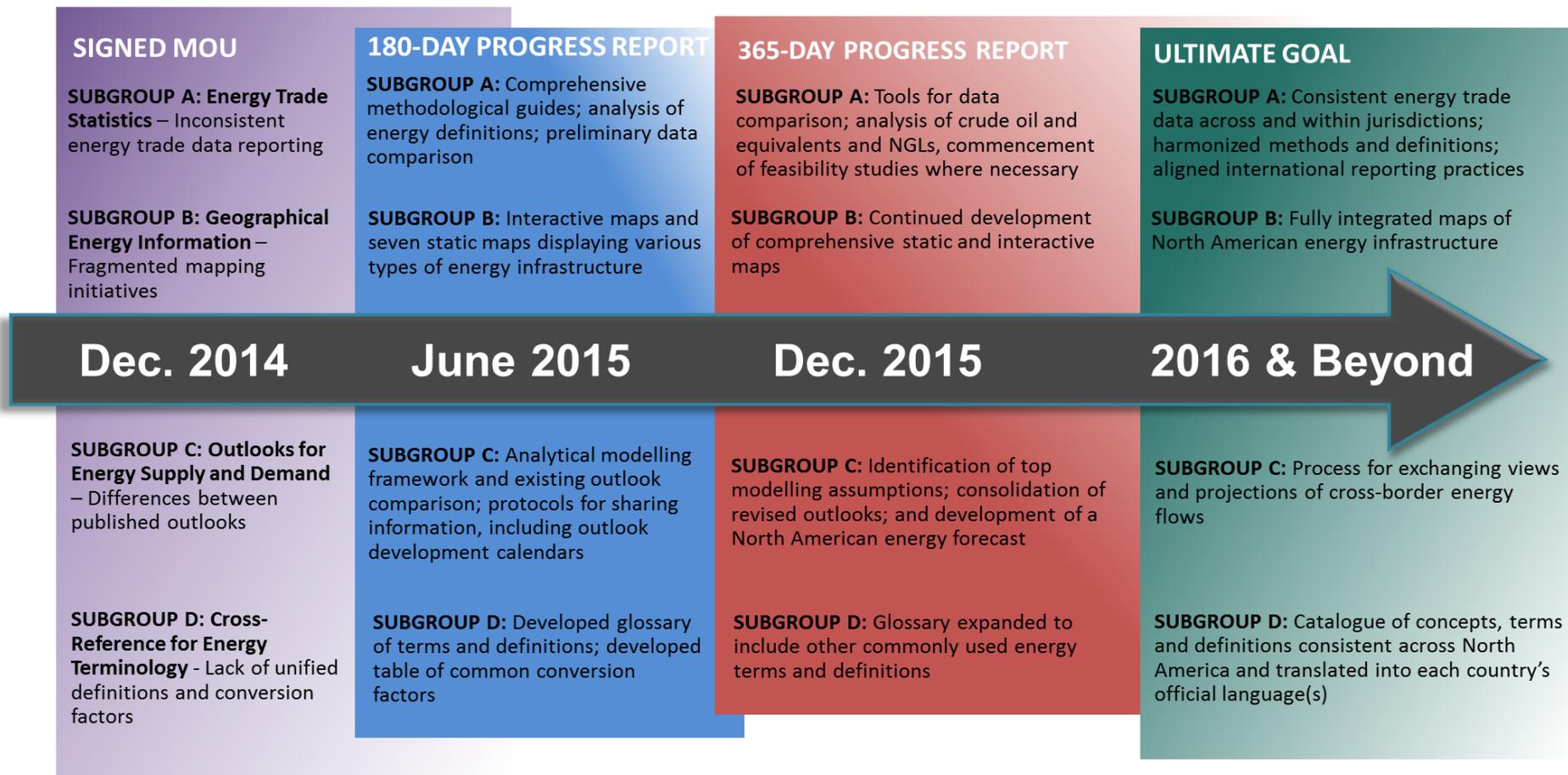
Adam Sieminski

U.S. Energy Information Administration

Goals of trilateral cooperation on energy information

- Energy trade statistics
 - Consistent energy trade data across and within jurisdictions; harmonized methods and definitions; aligned international reporting practices
- Geographical energy information
 - Fully integrated maps of North American energy infrastructure
- Outlooks for energy supply and demand
 - Process for exchanging views and projections of cross-border energy flows
- Cross-reference for energy terminology
 - Catalogue of concepts, terms and definitions consistent across North America and translated into each country's official language(s)

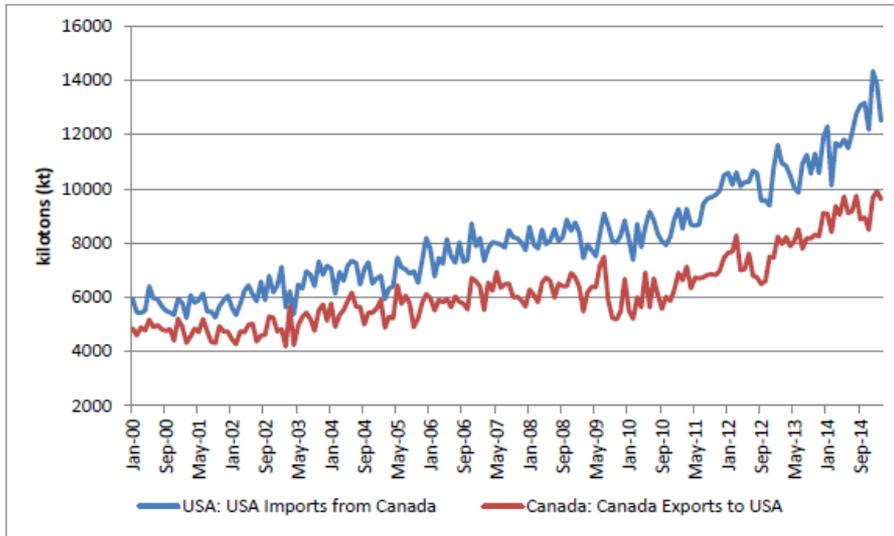
TRILATERAL MOU CONCERNING COOPERATION ON ENERGY INFORMATION



Different definitions leads to different measurements

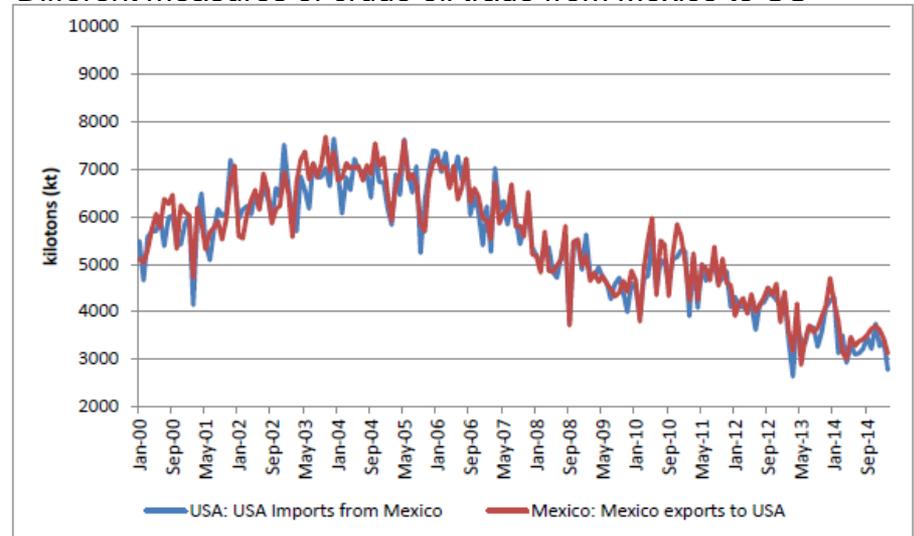
IEA	Canada	Mexico	United States
<p><u>Crude oil</u> is a mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur. It exists in the liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. This category <u>includes field or lease condensate</u> recovered from associated and non-associated gas where it is commingled with the commercial crude oil stream.</p>	<p>Includes:</p> <p>Current approach</p> <ul style="list-style-type: none"> - Crude oil <p>Future approach based on IEA recommendation (starting mid 2015)</p> <ul style="list-style-type: none"> - Crude oil - Condensates (field and plant) - Pentanes plus (all) 	<p>Includes:</p> <ul style="list-style-type: none"> - Crude oil - Condensates (field) when commingled with crude oil stream 	<p>Includes:</p> <ul style="list-style-type: none"> - Crude oil - Condensates (field and plant) - Pentanes plus (imports only) when commingled with crude oil as a diluent

Different measures of crude oil trade from Canada to US



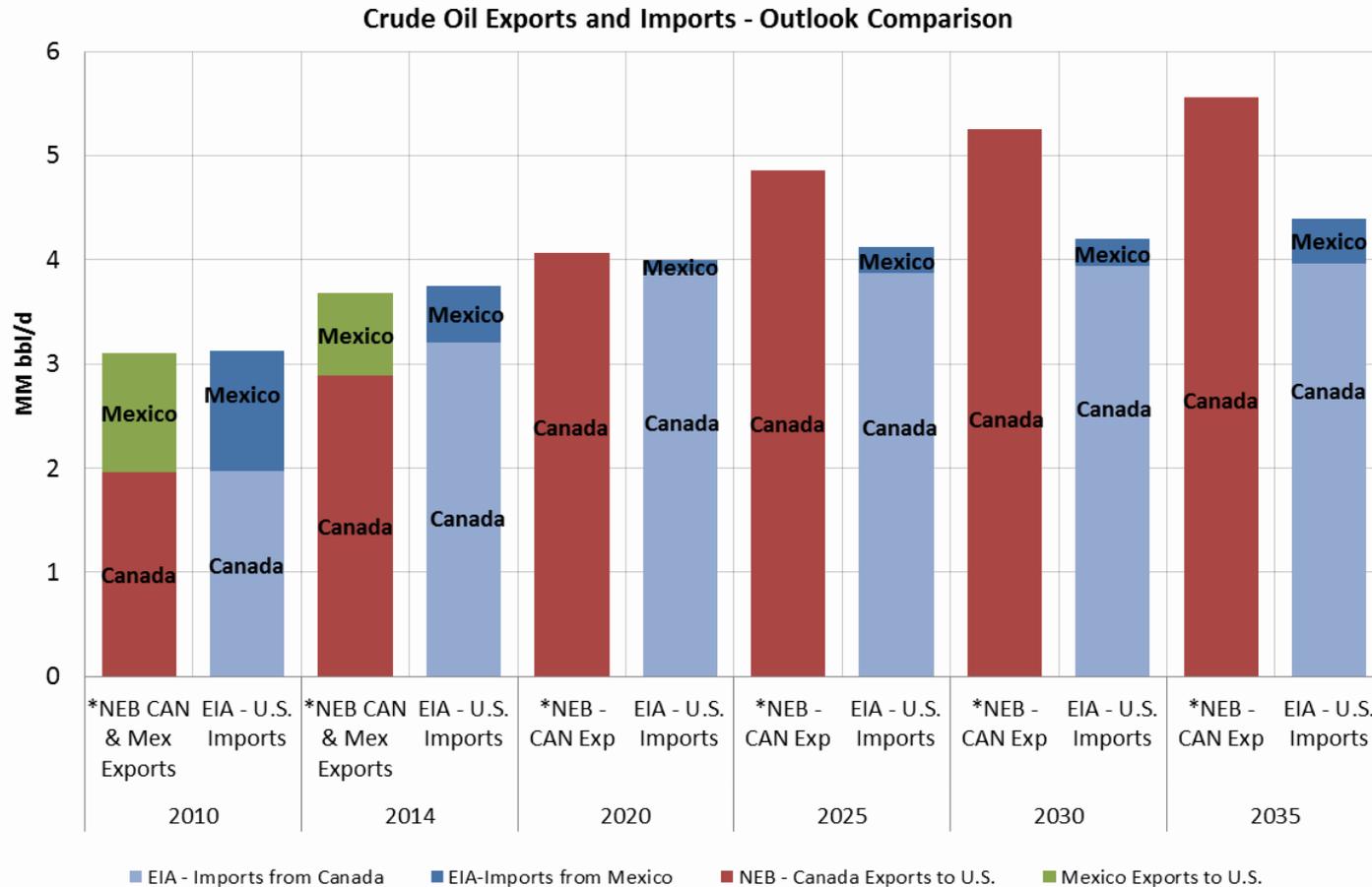
Source: Monthly Oil Data Service, IEA

Different measures of crude oil trade from Mexico to US



Source: Monthly Oil Data Service, IEA

Two measures of crude oil trade to US from Canada and Mexico

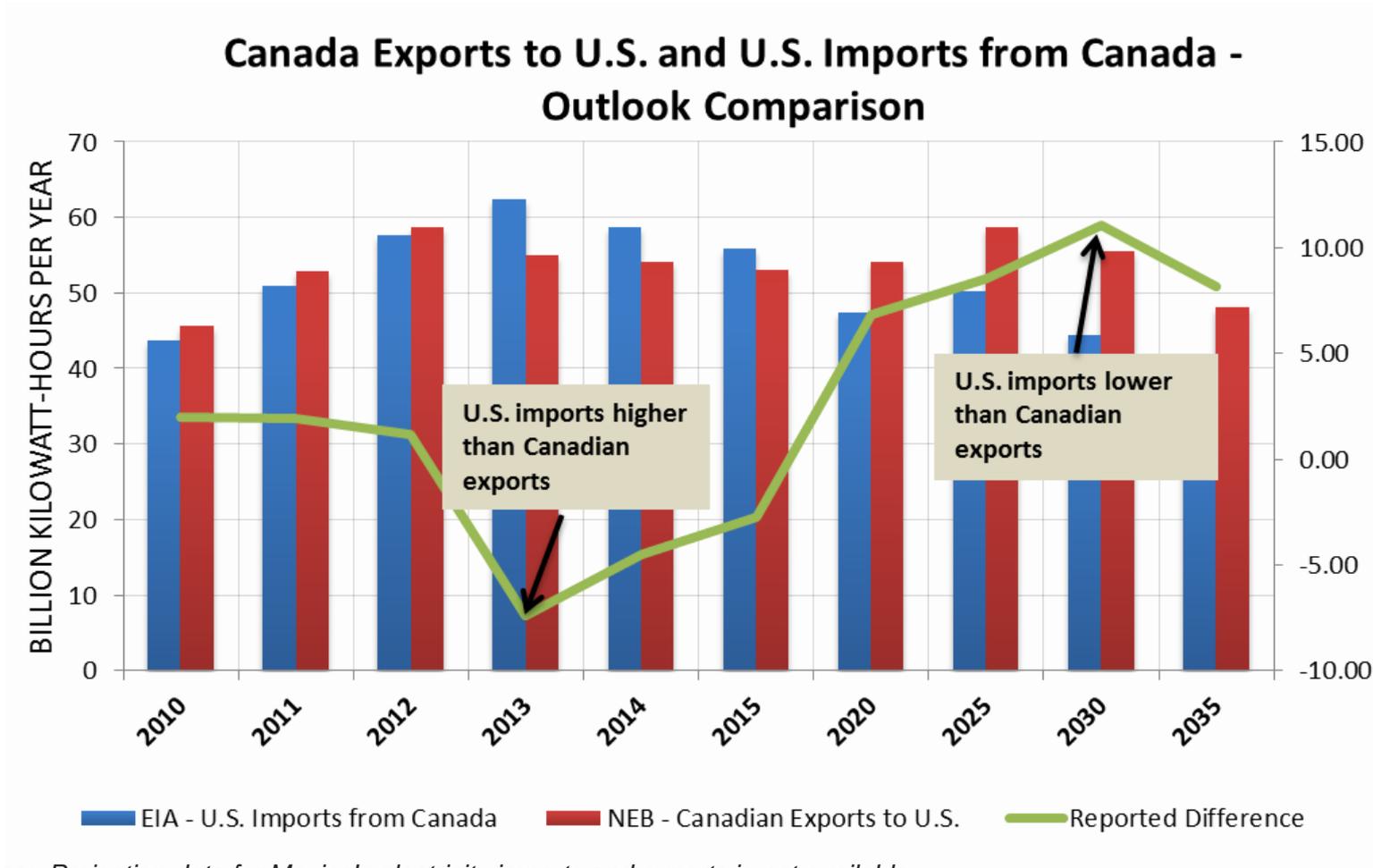


Notes: Projection data for Mexico's crude oil exports to U.S. is not available

U.S. projections are based on EIA's Annual Energy Outlook 2015

Canada projections are based on NEB's Energy Futures 2013

Two measures of electricity trade from Canada to US



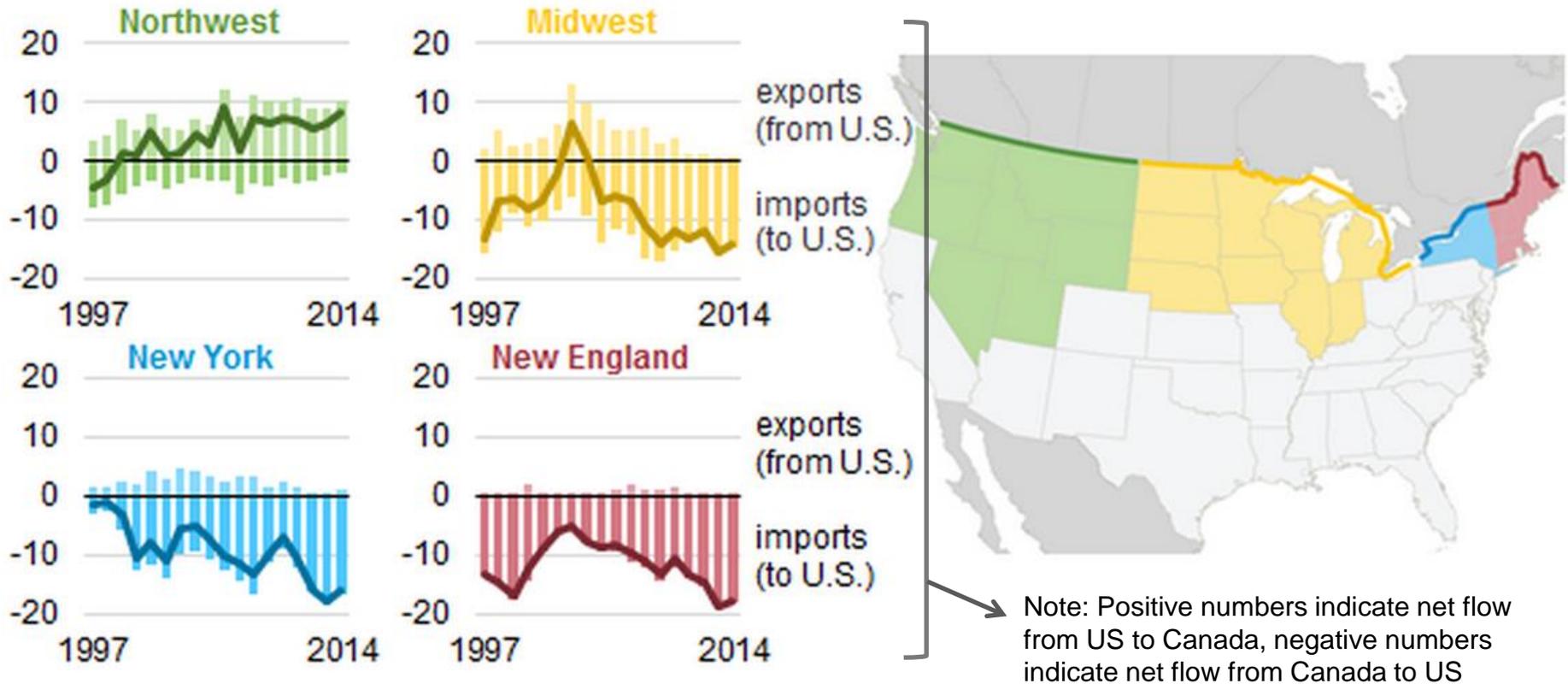
Notes: Projection data for Mexico's electricity imports and exports is not available

U.S. projections are based on EIA's Annual Energy Outlook 2015

Canada projections are based on NEB's Energy Futures 2013

Canada exported 58.4 terrawatthours (TWh) of electricity to the US, mostly to New England, New York, and the Midwest

terawatthours of electricity



Source: U.S. Energy Information Administration, *Today in Energy* (July 9, 2015)

<http://www.eia.gov/todayinenergy/detail.cfm?id=21992>

Lead agencies

Canada	Mexico	United States
Department of Natural Resources	Secretariat of Energy	Department of Energy
Minister Greg Rickford	Secretary Joaquín Caldwell	Secretary Ernest Moniz
Jay Khosla, Assistant Deputy Minister for the Energy Sector	Leonardo Beltrán Rodríguez, Deputy Secretary for Planning and Energy Transition	Adam Sieminski, Administrator of U.S. Energy Information Administration (EIA)
James Zeni, Chief of Economic Analysis & Statistical Information	Rafael Alexandri Rionda, General Director for Planning and Energy Information	Shirley Neff, Senior Adviser to the Administrator of EIA

Partners

- United States

- Department of Energy
- U.S. Energy Information Administration

- Canada

- Department of Natural Resources
- National Energy Board
- Statistics Canada

- Mexico

- Secretariat of Energy
- National Hydrocarbons Commission
- National Statistics and Geography Institute
- National Energy Control Center
- Federal Electricity Commission
- National Electricity Control Center
- National Natural Gas Control Center
- Energy Regulatory Commission
- PEMEX

For more information

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

Annual Energy Outlook | www.eia.gov/aeo

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

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer

Today in Energy | www.eia.gov/todayinenergy

State Energy Profiles | www.eia.gov/state

Drilling Productivity Report | www.eia.gov/petroleum/drilling/

International Energy Portal | www.eia.gov/beta/international/?src=home-b1