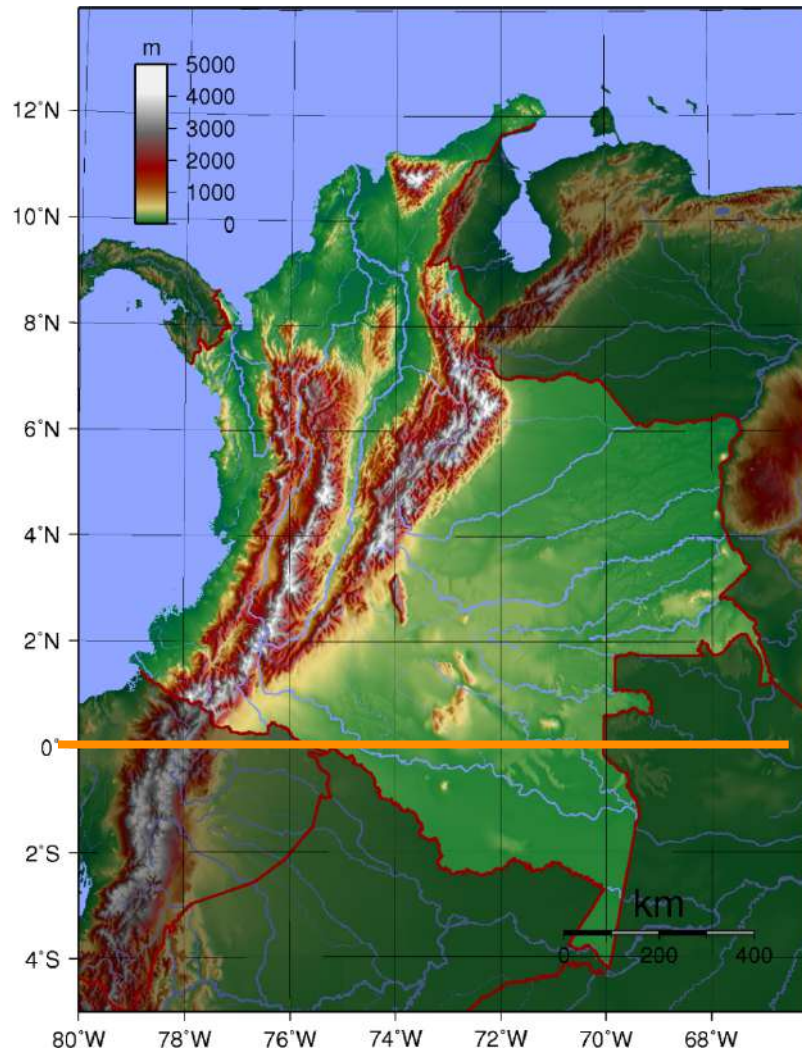


CURRENT STATE OF ALTERNATIVE ENERGY IN COLOMBIA

OVERVIEW

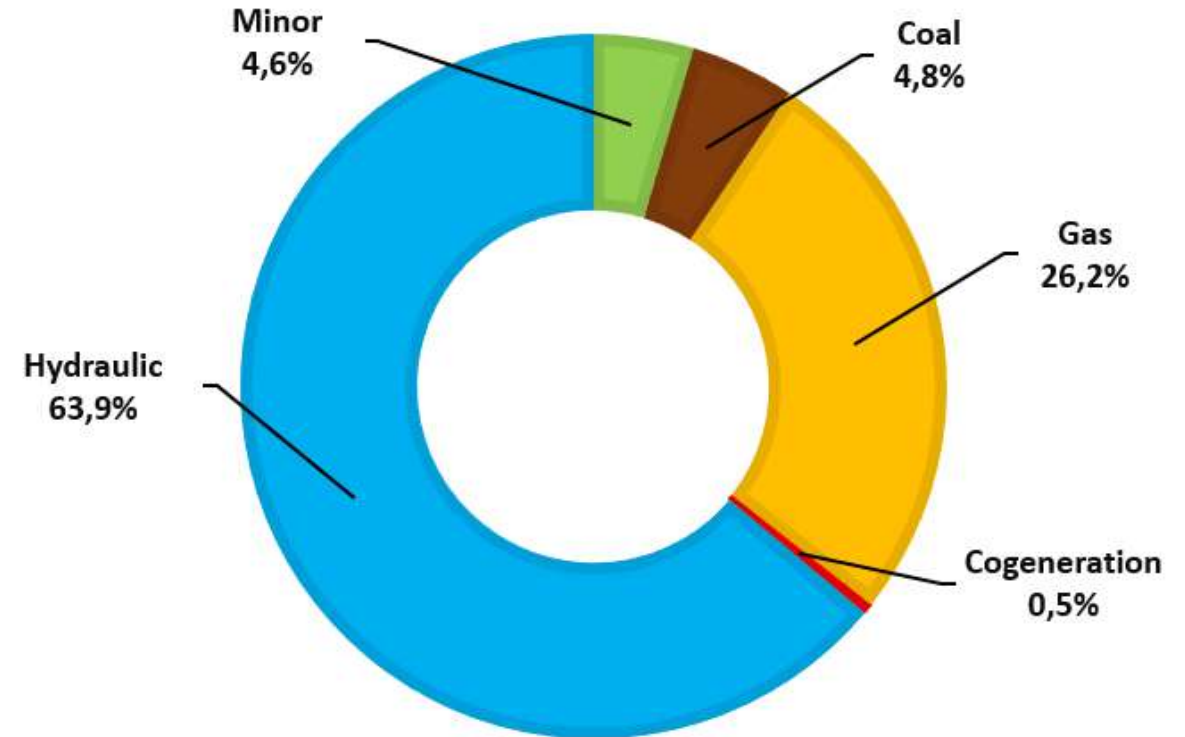


Source: <http://www.lahistoriaconmapas.com/atlas/colombia-maps/mapa-cordilleras-de-colombia.htm>

- ✓ Located in the northwest side of South America.
- ✓ The Latin America's most important mountain range, the Andes, divides into three branches within the Colombian territory.
- ✓ Variety of climates determined by altitude (temperature drop in 1°C for every 160 meters).
- ✓ The climate remains relatively stable year round, with a dry season from December to March and July to August; and intense rains from April to June and October to November.

POWER GENERATION IN COLOMBIA

Under normal hydrologic conditions, 80% of generation is hydroelectric. In dry season, thermal generation becomes important and comes to meet up to more than 50% of the energy demand in the country.



Source: (UPME, 2015)

Participation by source of installed capacity 2014

LAW 1715/ 2014

THE INTEGRATION OF RENEWABLE ENERGY TO THE NATIONAL SYSTEM IS REGULATED

The purpose of this law is to promote the development and use of unconventional sources of energy, mainly those of a renewable nature, in the national energy system, through its integration into the electricity market, its participation in non-interconnected areas and in other areas Energy uses as a necessary means for sustainable economic development, reduction of greenhouse gas emissions and security of energy supply. For the same purposes, it seeks to promote efficient energy management, which includes both energy efficiency and demand response.