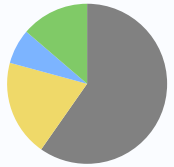


# United States of America • Electricity • Hydro and Nuclear

## Gross electricity generation 2021, TWh (%):



- Fossil fuels 2503.97 (60.1)
- Nuclear energy 778.15 (18.6)
- Hydroelectricity 260.22 (6.2)\*
- Other renewable sources 627.33 (15.1)

**Total: 4164.56 (100)**

Source: Based on the U.S. Energy Information Administration data (Sep 2023).

\* including pumped storage



### Nuclear power plants over 2300 MW, MW:

- 1 Palo Verde 1-2-3, 3937
- 2 Browns Ferry 1-2-3, 3310
- 3 South Texas 1-2, 2560
- 4 Oconee 1-2-3, 2538
- 5 Susquehanna 1-2, 2520
- 6 Comanche Peak 1-2, 2406
- 7 Byron 1-2, 2336
- 8 Salem 1-2, 2332
- 9 Braidwood 1-2, 2330
- 10 Limerick 1-2, 2317
- 11 Vogtle 1-2, 2302

- 500 kV and greater lines in service
- 230-499 kV lines in service
- National grid 500 kV and greater of other power plants, grid connection points, substations
- National grid 230-499 kV of other power plants, grid connection points, substations
- Border crossing



### Major uranium mines:

- 1 Smith Ranch-Highland, WY
- 2 White Mesa, UT
- 3 Lost Creek, WY
- 4 Nichols Ranch, WY
- 5 Crow Butte, NE
- 6 Lance, WY
- 7 Willow Creek, WY



### Major lithium mine:

- 1 Silver Peak (Clayton Valley), NV (brine)



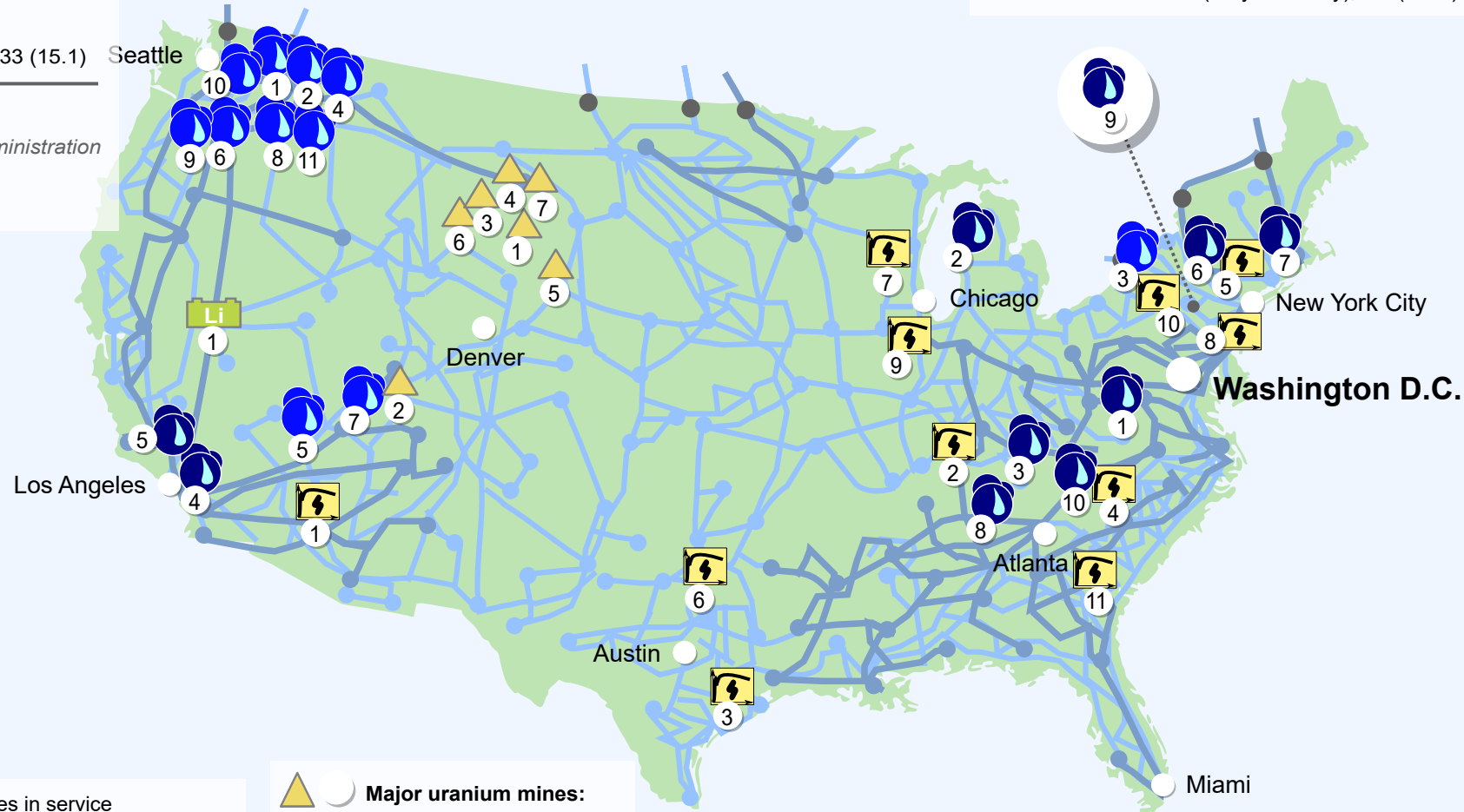
### Key hydro power plants over 1000 MW, MW:

- 1 Grand Coulee Dam, 6809
- 2 Chief Joseph Dam, 2620
- 3 Robert Moses Niagara, 2525
- 4 John Day Dam, 2160
- 5 Hoover (Boulder) Dam, 2080
- 6 The Dalles Dam, 1878
- 7 Glen Canyon Dam, 1320
- 8 Rocky Reach Dam, 1299
- 9 Bonneville Dam, 1242
- 10 Wanapum Dam, 1092
- 11 Boundary Dam, 1050



### Key pumped-storage plants over 1000 MW, MW:

- 1 Bath County, 3003
- 2 Ludington, 1872
- 3 Raccoon Mountain, 1652
- 4 Castaic, 1247
- 5 Helms, 1212
- 6 Blenheim-Gilboa, 1160
- 7 Northfield Mountain, 1119
- 8 Rocky Mountain, 1095
- 9 Muddy Run, 1070
- 10 Bad Creek, 1065



In 2020 the United States of America had 1143.3 GW of electricity installed generating capacity. Gross theoretical hydropower capability, related to the United State of America is 2040.0 TWh/year. As of 2017, the United States of America registered 1646 small-scale hydropower plants up to 10 MW with a total installed capacity of 3612 MW.

Sources: U.S. Energy Information Administration (2020); World Small Hydropower Development Report 2019; Used by permission of the World Energy Council (2013).

