

Table 3 · Typology of Nuclear Power Programs in the Middle East

Country	Nuclear Capacity	Grid size (Year)	Fuel Arrangements	Fuel Chain Activities
<b>Iran</b>	Operating: 915 MW Under construction: 974 MW	83 GW (2020)	Russia to supply and take back spent fuel under JCPOA terms	Uranium mining, milling, conversion and enrichment; fuel fabrication
<b>UAE</b>	Under construction: 5.4 GW	31 GW (2017)	Diversified fuel supply (six contracts); Long-term spent fuel policy is being developed	None
<b>Turkey</b>	Under construction: 2.2 GW “Committed”: 3.6 GW	~91 GW (2019)	Russia to supply and take back spent fuel	None
<b>Egypt</b>	“Committed”: 4.8 GW	42 GW (2018)	Russia to supply and take back spent fuel	None
<b>Saudi Arabia</b>	“Committed”: 2 GW	89 GW (2017)	Unknown	None
<b>Jordan</b>	Unknown	~5 GW (2017)	Unknown	None

Sources: Various, compiled by WNISR, 2020

Notes: UAE = United Arab Emirates; JCPOA = Joint Comprehensive Plan of Action.