

ANNEX 3 – SUMMARY OF REVENUE FLOWS IN THE U.K. NUCLEAR COMPLEX

Table 19 · Indicative Annual Value Flows to Diverse U.K. Civil and Military Nuclear-Related Activities in 2024

FUNDING SOURCES	£/y billion	Refs	PRINCIPAL ALLOCATIONS	£/y billion	Refs	DETAILED ACTIVITIES	£/y billion	Refs
Electricity Consumers	8.5 – 9.5	a	Capital Costs (Including During Construction)	6.3 – 6.8	b	Financial Services	0.8 – 1.0	b
			Fixed Operations, Maintenance, Backend	1.4 – 1.7	b	Nuclear Engineering	2.0 – 2.2	b
			Variable Operations, Maintenance, Backend	0.8 – 1.0	b	Design Provision	0.25 – 0.35	b
Taxpayers' 'Civil' Budgets	5.4 – 6.4		Direct Capital Support For Construction (SZC)	0.3 – 0.5	c	Conventional Engineering	0.85 – 0.95	b
			Regulated Asset Base Policy (RAB)	0.05 – 0.15	d	Balance of System	1.2 – 1.4	b
			Nuclear Decommissioning Authority (NDA)	3.3 – 4.2	e	Facility Engineering	1.3 – 1.5	b
			Environment Agency (Nuclear)	0.015 – 0.025	f	Initial Commissioning	0.05 – 0.15	b
			Nuclear Liabilities Financing Assurance Board (FAB)	0.5 – 1.5	g	Specialized Transport	0.05 – 0.15	b
			Nuclear Sector Deal Policy (NSD)	0.15 – 0.25	h	Connection & Integration	0.9 – 1.1	b
			Nuclear Skills Allocations (NSA)	0.05 – 0.15	i	Added Capital Equipment	0.09 – 0.11	b
			Nuclear Innovation Programme (NIP)	0.03 – 0.05	j	Fuel Mining, Processing, Enrichment	0.45 – 0.55	b
			National Nuclear Laboratory (NNL)	0.005 – 0.015	k	Fuel Fabrication	0.15 – 0.25	b
			UK Atomic Energy Authority (UKAEA)	0.35 – 0.45	l, m	Spent Fuel & Waste Management	0.45 – 0.55	b
			Great British Nuclear (GBN)	0.45 – 0.55	n, o	Facility Decommissioning	4.3 – 4.5	e
			Office of Nuclear Regulation (ONR)	0.085 – 0.095	p	Third Party Liability Cover	0.05 – 0.15	q
			Civil Nuclear Constabulary (CNC)	0.05 – 0.15	r	Skills, Industry Base, Supply Chains	0.3 – 0.4	k, s, p, t
Taxpayers' 'Defense' Budgets	11 – 12	u	MoD Police (Nuclear) (Mdp)	0.07 – 0.09	v	Safety, Health, Environmental Regulation	0.16 – 0.18	f, p
			Defence Nuclear Safety Regulator (DNSR)	0.05 – 0.09	p, t	Anti-Proliferation Safeguards	0.06 – 0.08	w
			Submarine Delivery Agency (SDA)	4.0 – 4.8	x	Strategy & Promotion	0.07 – 0.09	y
			Atomic Weapons Establishment (AWE)	1.2 – 1.8	v, z	Specialist Nuclear Security	0.17 – 0.19	v
			Royal Navy Submarine Service (RNSS)	0.5 – 0.7	v, aa	General Research & Innovation	0.75 – 0.8	m, o
			Strategic Command Programmes (SCP)	0.03 – 0.05	v, aa	Military Programs Running Costs	0.25 – 0.35	v, aa
			Other Defence Nuclear Enterprise (DNE)	5.0 – 5.5	u	Submarine Waterfront Infrastructure	0.15 – 0.25	v, bb
			AUKUS Submarine Development	0.15 – 0.25	bb			
			Other SSN Procurement & Support	0.55 – 0.65	v, aa			

SSBN Dreadnought Procurement & Support	2.4 – 2.6	bb
Other SSBN Procurement & Support	1.0 – 1.2	cc
Nuclear Reactor Core Production	0.15 – 0.25	bb
Weapons Research & Manufacture	1.4 – 1.6	aa, z
SSN & SSBN Operations	0.55 – 0.65	v, aa
Submarine Dismantling	0.05 – 0.15	v

Notes: In the absence of any official, public attempts at systematic or fully comprehensive accounting, it is challenging to map the combined huge and complex webs of long-term value flow associated with nuclear facility and project financing on both civil and military sides. A key starting point lies in straightforward taxpayer budget allocations and consumer market expenditures, with onward additions and complexities addressed from there.

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