Thermal capacity - Longcross Data Centre

Ref	Emission Source Description	Supplier	Gen set model	Engine Manufacturer	Engine Model	output rating (kVA)	Output rating (kWe)	Max fuel (l/hr)	Assumed efficiency	Thermal capacity (MWth)	Cumulative thermal capacity
EP1	DCO1 - gen 1	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**8.01**
EP2	DCO1 - gen 2	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**16.02**
EP3	DCO1 - gen 3	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**24.03**
EP4	DCO1 - gen 4	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**32.04**
EP5	DCO1 - gen 5	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**40.04**
EP6	DCO1 - gen 6	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**48.05**
EP7	DCO1 - gen 7	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**56.06**
EP8	DCO1 - gen 8	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**64.07**
EP9	DCO1 - gen 9	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**72.08**
EP10	DCO1 - gen 10	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**80.09**
EP11	DCO1 - gen 11	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**88.10**
EP12	DCO1 - gen 12	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**96.11**
EP13	DCO1 - gen 13	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**104.12**
EP14	DCO1 - gen 14	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**112.12**
EP15	DCO2 - gen 1	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**120.13**
EP16	DCO2 - gen 2	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**128.14**
EP17	DCO2 - gen 3	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**136.15**
EP18	DCO2 - gen 4	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**144.16**
EP19	DCO2 - gen 5	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**152.17**
EP20	DCO2 - gen 6	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**160.18**
EP21	DCO2 - gen 7	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**168.19**
EP22	DCO2 - gen 8	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**176.20**
EP23	DCO2 - gen 9	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**184.20**
EP24	DCO2 - gen 10	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**192.21**
EP25	DCO2 - gen 11	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**200.22**
EP26	DCO2 - gen 12	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**208.23**
EP27	DCO2 - gen 13	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**216.24**
EP28	DCO2 - gen 14	AVK	DS4000	Rolls Royce MTU	20V4000 G94LF	4000	3,200	818	39%	**8.01**	**224.25**
									Total NET input Thermal capacity (MWth) (MWth)	**224.25**	**224.25**