

TABLE S1 | Technical characteristics of hydroelectric plants that make up the Rio das Antas Energy Complex.

Technical Features	HPPCA	HPPMC	HPP14
Started comertial operation (year)	2008	2004	2008
Installed power (MW)	130	130	100
Flooded area (km ²)	5.0	1.4	5.0
Storage capacity (m ³)	91.77 x 10 ⁶	11.28 x 10 ⁶	55.0 x 10 ⁶
Residence time (days)	1.44	0.09	0.84
Diversion flow (m ³ /s)	73.32	150.06	132.77
Minimum remaining discharge (m ³ /s)	17.0	28.6	28.2
Spillover frequency (days)	2.2	5.9	6.8
Determination of minimum discharge	Q _{Tennant}	Q ₉₅	Q _{Tennant}
Dam height maximum (m)	45.0	25.0	35.0
River width at dam (m)	338.3	229.6	366.8
Mean width of reservoir (m)	202.5	149.2	209.1
Minimum width of reservoir (m)	97.3	82.2	100.5
Length of reservoir (km)	25.0	11.0	27.0
River segment converted into RDS/Site	RDS/S2	RDS/S3	RDS/S4
Length of RDS (km)	21.4	17.9	10.8



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Official Journal of the
Sociedade Brasileira de Ictiologia

HOW TO CITE THIS ARTICLE

- Ticiani D, Bialezki A, Silva JC, Souza MBV, Delariva RL. Ichthyoplankton in a regulated river: community structure and distribution patterns in a run-of-river dam cascade system in the Neotropics. Neotrop Ichthyol. 2025; 23(4):e250083. <https://doi.org/10.1590/1982-0224-2025-0083>