RBE - Retiro Baixo Energética



Hydro Power Plant

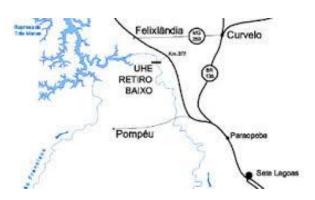
HPP Retiro Baixo

- ▶ 82 MW installed capacity
- Located between the municipalities of Curvelo and Pompéu (MG), on the low course of Paraopeba River, a tributary of São Francisco River. The Paraopeba River rises in municipality of Cristiano Otoni and is 512 km long until meets São Francisco River.
- ► Retiro Baixo HPP is located near municipality of Felixlândia, approximately 5 km from reservoir of Três Marias HPP.
- Geographic coordinates:
- ▶ 18 ° 52'47.62 "S
- ▶ 44 ° 46'34,080 "

HPP Retiro Baixo

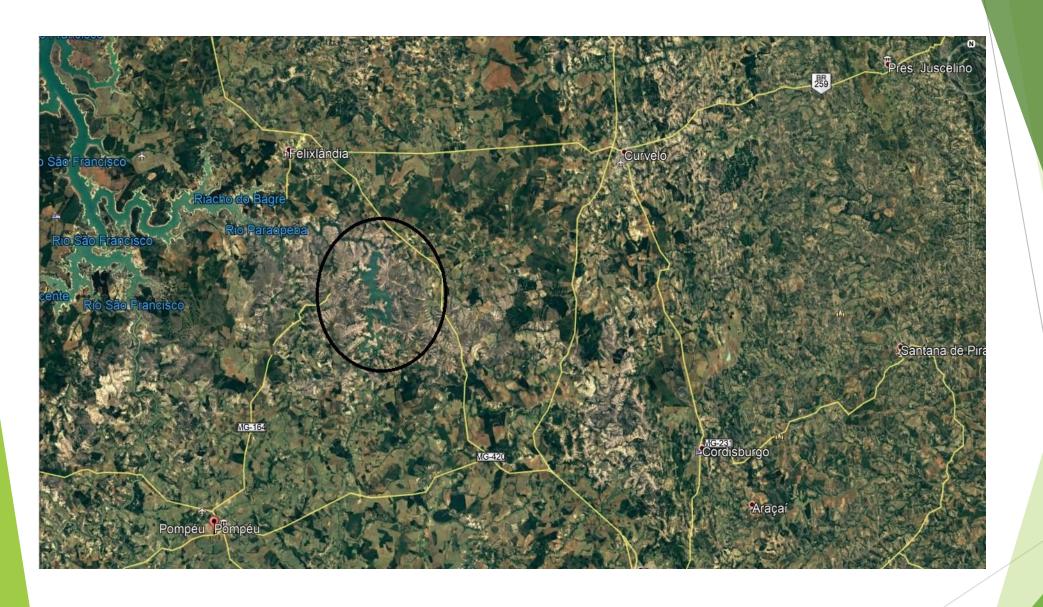
- Power: 82 MW (2 41MW generators)
- ► Firm Energy: 38.5 MW
- Turbines: Two Kaplan type
- Reservoir Area: 22.58 km2
- Level of the Crest of the Bus: 619 m
- Bus Length: 1.3 km
- Maximum Bus Height: 44 m
- AT. Normal minimum: 614 m
- ► AT. Normal maximum: 616 m
- AT. Max. Maximorum: 617 m
- Maximum depth: 44 m
- Average depth: 22 m

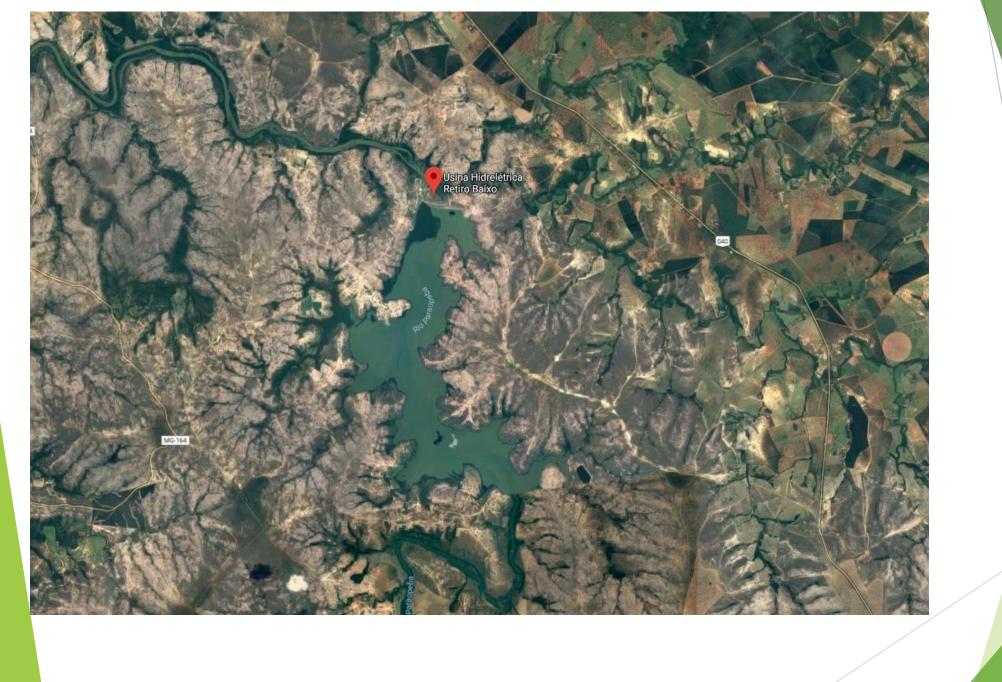
Location





18°40'48.68"S 44°55'01.63"O





General information

HPP- Retiro Baixo Energia

- Installed capacity: 82 MW
- Production 19.67 MWm
- Physical Guarantee: 35.62 MW
- Capacity factor = 43% physical guarantee
- Capacity factor = 24% production-
- Compensated in the MRE, energy reallocation mechanism
- WEB SITE: http://rbe.com.br/rbe/