

S-Kaplan solutions for low head design

From design to modernization, through manufacturing and commissioning, GE Renewable Energy supports you throughout your projects. Combined with Services offering for lowered lifecycle costs, our small hydropower solutions pave the way to a faster energy transition.



Faster assembly & installation

< 2-3 months

lower lead-time*



Easier & safer maintenance

1 floor

for all equipment



Better reliability & availability

Up to 98%

availability**



*Compared to vertical design

** based on Latin American installed base

Performance predictability

Full solution tested and validated on laboratory

Double regulation system

Enhanced operational range

Draft tube aligned with runner

Improving efficiency, reducing excavation.

Limited civil works cost

Fewer interfaces with civil work

Higher efficiency

High efficiency at the generator output due to the optimization of electrical losses

Maintenance

Easy maintenance access for each equipment

Modernized blade profile

Available up to 43 meters of head

Compact solution

Horizontal solution with faster design phase

