



SOLAR RUNWAY LIGHTING
FOR REGIONAL AIRPORTS.
WHY NOT WIRED (6.6A) AGL ?

Selecting runway lighting system for regional airport with non-precision approach is always a challenge. Frequently offered 6.6A powered runway lighting is bulky, expensive to install and to maintain.

Hard-wired AGL system is designed and well suited for larger airports operating few flights in an hour, 24/7.



WORLD'S SAFEST RUNWAY LIGHTING

On the other side - there are hundreds of **regional airports** serving on average 1 to 20 flights. Equipped with no Instrument Landing System, those airports offers only visual approach. Due to **limited flight traffic** – such airports have limited investment capacity. Thus when there is a need to install or upgrade runway lighting: the question usually is – “**Can we do it cheaper without compromising safety**”?

LIMITED BUDGET

The cost of traditional hard-wired AGL powered by 6.6A grid is incredibly high for local government budgets.

NO INFRASTRUCTURE


Many regional airports are located in remote regions with NO access to reliable electrical supply.

COMPLEXITY OF THE SYSTEM

Maintenance of hard-wired AGL requires a team highly qualified electrical engineers to be onsite 24/7. Regional airport with a small amount of commercial operations are usually understaffed and has no easy access to experienced AGL engineers.

S4GA provides **Solar Permanent Airfield Lighting System** - for regional airports looking for a reliable and cost-effective AGL.

S4GA runway lighting operates 365 days on solar energy and has 5-level protection against system failure.



IS THERE ANY ALTERNATIVE AGL SOLUTION FOR REGIONAL AIRPORTS ?

[EXAMPLES OF AIRPORTS](#) USING S4GA SOLAR AIRFIELD LIGHTING AS PERMANENT LIGHTING SYSTEM

