

# LIDAR REMOTE POWER SOLUTIONS

NRG Systems is proud to offer its Lidar customers a range of powering options to keep their Spidar, ZX 300, and Windcube vertical profilers running at 100% uptime, regardless of the location or duration of their measurement campaign.

We have several standard power supplies that are suitable for a variety of sites, or we can custom-build a system tailored to your specific needs. NRG can also provide power to you as a service where and when you need it.

We currently offer the following technologies so that you can maximize uptime and further reduce the cost of Lidar ownership:

- Trailer-based photovoltaic power supplies
- Ground-based photovoltaic power supplies
- Propane-powered solid oxide fuel cells (SOFC)
- Diesel generators



|                                      | SITE CONDITIONS |          |     |                      |    | SYSTEM TYPE |        |          |                                 |
|--------------------------------------|-----------------|----------|-----|----------------------|----|-------------|--------|----------|---------------------------------|
|                                      | SOLAR RESOURCE  |          |     | ROAD ACCESS REQUIRED |    | Spidar      | ZX 300 | Windcube | Scanning Lidar, Multiple Lidars |
|                                      | High            | Moderate | Low | Yes                  | No |             |        |          |                                 |
| <b>Trailer-based, PV + Batteries</b> | -               | X        | X   | X                    | -  | X           | X      | X        | -                               |
| <b>Ground-based, PV + Batteries</b>  | X               | X        | -   | -                    | X  | X           | X      | X        | -                               |
| <b>SOFC</b>                          | -               | -        | X   | -                    | X  | X           | X      | X        | -                               |
| <b>Diesel Gensets</b>                | X               | X        | X   | X                    | -  | -           | -      | -        | X                               |

All remote power systems are monitored daily by NRG, allowing you to focus on what matters to you – developing and operating wind farms with infrequent visits and low costs.

Please contact us at [sales@nrgsystems.com](mailto:sales@nrgsystems.com) to learn how we can help you make your next off-grid Lidar measurement campaign a total success.