



Steven Moore &lt;steve@nextgenrd.com&gt;

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## Talk overview paragraph

6 messages

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**Steven Moore** <steve@nextgenrd.com>

Mon, Jun 16, 2025 at 11:12 PM

To: Jason Mies &lt;jmies@raycap.com&gt;, Brock Pellerin &lt;brock@nextgenrd.com&gt;

take a gander at this... it was hard to put it in one paragraph, so here is a two paragraph and one paragraph version...

In nearly every industry, field operations are constrained by a fleet of "one-trick ponies"—the mobile generator that only provides power, the communication trailer that only provides a signal, and the lighting tower that only provides light. This vast collection of underutilized, single-purpose assets creates immense logistical friction and expense. Our journey began not with the intent to solve this universal problem, but with a highly specific and urgent demand: creating a disaster recovery tool for the chaotic aftermath of a hurricane. The mission was to develop a single, deployable system that could simultaneously power, connect, and diagnose critical infrastructure in a hazardous, off-grid environment, a challenge that pushed us to integrate disparate technologies in a novel way.

But as we engineered the solution, a powerful realization emerged. By focusing on creating a scalable and configurable platform built on four core pillars—**configurable energy generation and storage**, **fault-managed power**, **resilient, multi-layered networking**, and **onboard edge compute**—we discovered we had inadvertently created an antidote to the one-trick pony problem itself. This talk shares the story of that evolution, from a niche disaster recovery tool to a new philosophy for mobile infrastructure. It's a journey about how solving a checklist of problems for one specific scenario revealed a multi-functional, ecosystem-based approach that can radically improve the efficiency, capability, and resilience of mobile assets—a mindset applicable whether you're managing a railway, oilfield, a mine, a construction site, or any complex field operation.

one paragraph version

In field operations across every industry, we are constrained by a fleet of "one-trick ponies"—underutilized, single-purpose assets that create significant logistical friction. This talk shares the story of how our team inadvertently discovered an antidote to this universal problem while tackling a completely different challenge: creating a disaster recovery tool for the chaotic aftermath of a hurricane. What began as a mission to simply power, connect, and diagnose critical infrastructure in a hazardous environment led to a powerful realization. We discovered that by building a scalable platform on four core pillars—**configurable energy generation and storage**, **fault-managed power**, **resilient, multi-layered networking**, and **onboard edge compute**—we had created not just a niche tool, but a new philosophy for a truly multi-functional mobile ecosystem. Join me for the story of this evolution, a journey that reveals how solving a specific checklist of problems can lead to a universal solution, offering a new mindset for asset efficiency and resilience whether you're managing a railway, oilfield, a mine, or any complex field operation.

**Enthusiastically,**

Steven Moore

CEO and Chief Innovation Officer

Direct Line: 443-564-6347

[Steve@NextGenRD.com](mailto:Steve@NextGenRD.com)

[NextGenRD.com](https://www.nextgenrd.com)

**Book a Meeting!**

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**Jason Mies** <jmies@raycap.com>

Tue, Jun 17, 2025 at 10:38 AM

To: "steve@nextgenrd.com" &lt;steve@nextgenrd.com&gt;

How about this? Yours was very eloquent, like a well written novel. You missed your calling.

This is a little more railroad style:

*In the world of backup power there are many single-purpose assets that create significant logistical friction. IE: Generators, Fuell Cells, UPS etc. This presentation will explain the antidote to this problem that was originally created as a disaster recovery tool for the aftermath of a hurricane. This new mobile battery energy storage system (BESS) will power, connect, and diagnose critical infrastructure in a hazardous environment. The system has four core pillars—**configurable energy generation and storage** , **fault-managed power** , **resilient, multi-layered networking** , and **onboard edge computing**. Next GenRD created a truly multi-functional mobile back up power system and in this presentation, we will discuss how solving a specific checklist of problems can lead to a universal solution, offering a new mindset for asset efficiency and resilience whether you're managing a railway, oilfield, a mine, or any complex field operation.*

Jason Mies

208-620-7109

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**From:** Steven Moore <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>

**Sent:** Monday, June 16, 2025 11:13 PM

**To:** Jason Mies <[jmies@raycap.com](mailto:jmies@raycap.com)>; Brock Pellerin <[brock@nextgenrd.com](mailto:brock@nextgenrd.com)>

**Subject:** Talk overview paragraph

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But as we engineered the solution, a powerful realization emerged. By focusing on creating a scalable and configurable platform built on four core pillars—**configurable energy generation and storage** , **fault-managed power** , **resilient, multi-layered networking** , and **onboard edge compute** —we discovered we had inadvertently created an antidote to the one-trick pony problem itself. This talk shares the story of that evolution, from a niche disaster recovery tool to a new philosophy for mobile infrastructure. It's a journey about how solving a checklist of problems for one specific scenario revealed a multi-functional, ecosystem-based approach that can radically improve the efficiency, capability, and resilience of mobile assets—a mindset applicable whether you're managing a railway, oilfield, a mine, a construction site, or any complex field operation.

one paragraph version

In the world of backup power there are many single-purpose assets that create significant logistical friction. IE: Generators, Fuell Cells, UPS etc. This presentation will explain the antidote to this problem that was originally created as a disaster recovery tool for the aftermath of a hurricane. This new mobile battery energy storage system (BESS) will power, connect, and diagnose critical infrastructure in a hazardous environment. The system has four core pillars—**configurable energy generation and storage** , **fault-managed power** , **resilient, multi-layered networking** , and **onboard edge computing**. Next GenRD created a truly multi-functional mobile back up power system and in this presentation, we will discuss how solving a specific checklist of problems can lead to a universal solution, offering a new mindset for asset efficiency and resilience whether you're managing a railway, oilfield, a mine, or any complex field operation.

[Quoted text hidden]

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**Steven Moore** <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>

To: Jason Mies <[jmies@raycap.com](mailto:jmies@raycap.com)>

Tue, Jun 17, 2025 at 11:00 AM

perfect!

**Enthusiastic as always,**

Steven Moore

CEO and Chief Innovation Officer

Direct Line: 443-564-6347

[Steve@NextGenRD.com](mailto:Steve@NextGenRD.com)

[NextGenRD.com](http://NextGenRD.com)

**Book a Meeting!**

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**Steven Moore** <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>  
To: CJ Williams <[Cwilliams@wilmotmodular.com](mailto:Cwilliams@wilmotmodular.com)>

Tue, Jun 17, 2025 at 9:10 PM

So, this is what my talk at arema will be on. It's a go!

It's about to get wild.

Enthusiastically,

Steven Moore

CEO and Chief Innovation Officer

Direct Line: 443-564-6347

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[NextGenRD.com](http://NextGenRD.com)

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Sent from a mobile device

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**Steven Moore** <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>  
To: Chris Scruggs <[chrisscruggs2480@gmail.com](mailto:chrisscruggs2480@gmail.com)>

Tue, Jun 17, 2025 at 9:15 PM

This is the talk at arema... So exciting! I hope I'm not boring. Lol

Enthusiastically,

Steven Moore

CEO and Chief Innovation Officer

Direct Line: 443-564-6347

[Steve@NextGenRD.com](mailto:Steve@NextGenRD.com)

[NextGenRD.com](http://NextGenRD.com)

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Sent from a mobile device

----- Forwarded message -----

From: **Jason Mies** <[jmies@raycap.com](mailto:jmies@raycap.com)>

Date: Tue, Jun 17, 2025, 10:38 AM

Subject: FW: Talk overview paragraph

To: [steve@nextgenrd.com](mailto:steve@nextgenrd.com) <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>

[Quoted text hidden]

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**Steven Moore** <[steve@nextgenrd.com](mailto:steve@nextgenrd.com)>  
Draft To: Israel Cohen <[israel@monogoto.io](mailto:israel@monogoto.io)>

Fri, Jun 20, 2025 at 3:28 AM

**Enthusiastic as always,**

Steven Moore

CEO and Chief Innovation Officer

Direct Line: 443-564-6347

[Steve@NextGenRD.com](mailto:Steve@NextGenRD.com)

[NextGenRD.com](http://NextGenRD.com)

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