



Microsoft Sustainable Partner Solutions
Good for your business, good for the planet

LandView and Peloton Map

Manage and track land agreements at scale
to monitor and grow your renewables business

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Ten thousand landlords: using land for sustainable energy production in the U.S.

Energy organizations have begun building the next generation of U.S. renewable energy infrastructure to drive a sustainable future. Many have encountered a classic energy industry challenge—managing large numbers of land agreements.

Many land agreements for energy production in the United States are for private land. Landowners in the United States have experience leasing to energy companies stretching over one hundred years. Landowners are often very savvy and sophisticated with their asks and, in many jurisdictions, agreements also contain obligations for environmental compliance. Additionally, a single energy project can span many separate agreements simultaneously.

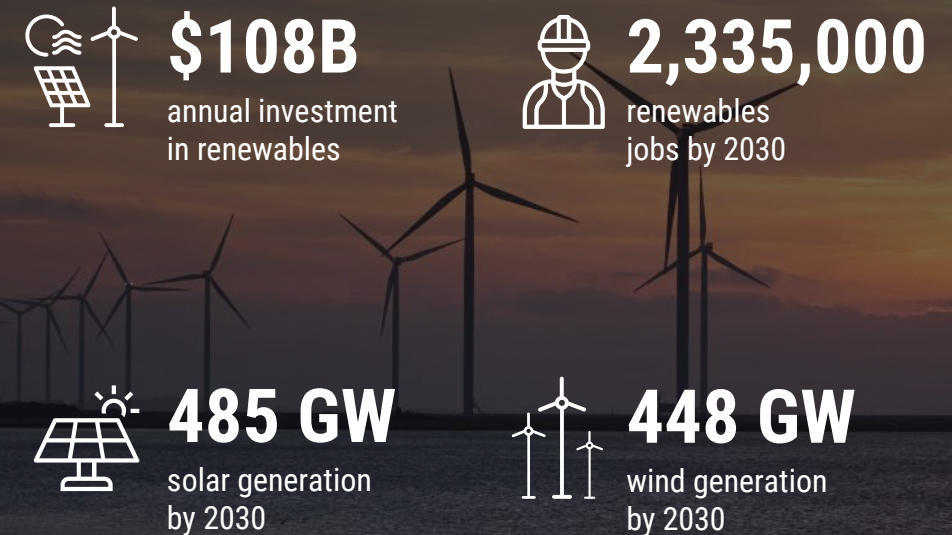
All of these factors conspire to make land agreement management at scale enormously difficult—especially for renewable energy organizations accustomed to doing business in other markets, where land is typically leased directly from governments.

Completing the transition to renewable energy in North America will require using vast areas of private land. The renewable energy industry will thereby generate millions of new private agreements. Achieving a climate-stable future will therefore require a resilient and adaptable agreement management solution that can scale on demand.

1. IRENA, [Global Renewables Outlook: Energy transformation 2050](#), 2020.

Renewables poised for North American growth

The International Renewable Energy Agency (IRENA) lays out an energy transformation pathway that creates a clean, sustainable energy future.¹ Under this scenario, North America experiences:



Managing land agreements at scale creates complexity for renewables

Wind, solar, and geothermal production are not location-neutral; operations must be built in areas where those resources are most abundant.

Private energy agreements can contain dizzying complexity, and often include:



Compliance with surface, mineral, and air rights agreements



Chain of title issues



Complex calendars for payments and other obligations



Protections for endangered species and migrating wildlife

Water use compliance:

Renewable energy organizations preparing to deploy at scale in the U.S. and Canada need a complete land data management system capable of meeting today's challenges and the challenges of the future.



LandView and Peloton Map solve agreement management at scale

LandView and Peloton Map, two offerings within the Peloton integrated land data management solution, join forces to give energy organizations the tools to manage land agreements at scale.

LandView is the agreement management solution of choice for major energy organizations across the U.S. and Canada. LandView, a cloud-first SaaS data management solution built on Microsoft Azure, manages the legal description of agreements and all their obligations. Together, LandView and Peloton Map give renewable energy organizations the insights they need to manage land agreements at scale and leverage agreement data to make decisions quickly. You can:



Manage your payments and obligations in a timely manner to prevent unnecessary or accidental penalties.



Stop downloading software updates and maintaining installations.



Automate acreage inventory updates to receive real-time reporting data.



Integrate your existing GIS infrastructure with the Peloton Platform.



Interface with third-party systems to automate data hand-offs and eliminate human error.



Manage land mapping with confidence.

SaaS-first for scale

The Peloton Platform, including LandView and Peloton Map, was developed in partnership with Microsoft Azure. The Peloton Platform delivers an enhanced user experience to energy companies worldwide.



Secure



Optimized



Scalable



Supported 24/7, 365 from North America

Visualize your land agreement data

Rich and accurate visualizations on dynamic maps makes land use decision-making easier.

LandView and Peloton Map work together to layer information about land agreements with any other dataset, public or private, and surface easy-to-understand insights to facilitate strategic planning, operations, and intra-company communications. Mapping occurs in real-time as data enters the system.



Legend

- COO
- CUA
- Contract
- Division Order
- Easement
- Fee Title
- Federal Lease
- Lease Sharing
- Lease
- Mineral
- Mineral Deed
- Ownership
- Pooling
- RUA
- Surface
- Surface/RW

#	File Number	Category	Type	Name/Ref.#	Prospect	State/Province	Action
1	000024	Contract	Joint Operating Agreement	Cotton Delawares Creek	Delawares Creek	Oklahoma	
2	02N-19E-06	Ownership	Ownership Report	-	Blueberry	Oklahoma	
3	09280001000	Lease	Federal Offshore (Lease)	856-020870	Great White - Gotcha	Northern Gulf of Mexico	

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- Pooling
- RUA
- Surface
- Surface/RW
- Surface With Tracts
- Title Opinion
- Third Party
- Unit
- Wind Easement

#	File Number	Category	Type	Name/Ref.#	Prospect	State/Province	Action
1	992184	Easement	Wind Easement	David Prowse	Adon	Iowa	

Incorporate, report, and query your complete data

Legacy data systems often cannot incorporate land agreement data with the numerous and diverse datasets that energy companies maintain—let alone leverage that integrated data into intelligent action. LandView and Peloton Map bridges this gap.



Incorporate diverse datasets

- Manage your data migrations in-house with data import templates and standard APIs.
- Integrate your existing GIS infrastructure with land agreement data.
- Leverage the power of the cloud to manage data at scale.



Report

Report on integrated data, including accurate maps, to empower employees worldwide and provide information to regulators and investors.



Query

Use our powerful and intuitive query tool to filter data using terms familiar to your employees. Build the queries you need most and get customized reports that can visualize as a map. Answer important questions like:

- How much available acreage has been developed?
- How many agreements and assets exist in a specific county or state?
- Which agreements will expire soon?
- What payments are coming due?

Customer success: independent oil & gas company

Customer profile

Our customer, one of the largest independents in the United States, struggled to maintain data that covered:

- 400K+ land agreements covering 25M+ acres of land
- 900K+ owners
- 135K+ wells
- 700K+ documents

The total number of lines of legal descriptions, and associated polygons mapped from those descriptions, well **exceeded one million**.

Problem

Our customer was using legacy systems that presented large usability issues for their employees.

- Outdated and under-supported applications.
- Non-intuitive interface made decision-making unnecessarily difficult.
- Multiple on-premises solutions needed to maintain land agreement data.

Solution

LandView and Peloton Map provided the cloud-first solution our customer needed.

- Single SaaS application replaces multiple on-premises solutions for land agreement data management.

Benefits

Centralizing land agreement data into a single source of truth, easily visualized through map layers, opened diverse opportunities to enhance operational efficiencies. Outdated and under-supported applications.

- Reduced overhead for IT department, including hardware.
- Implementation process provided opportunity for data cleanup and identifying data shortfalls.
- Additional data sources now flow into land agreement data, including checks and invoices, legal holds, wells, and owners.
- Employees can access the platform from everywhere at a high level of performance.

Peloton + Microsoft: partners for sustainability

Peloton and Microsoft help build a sustainable future by empowering renewable energy organizations to manage agreements at scale.

LandView and Peloton Map run exclusively on Microsoft Azure. A 2018 study found that using the Microsoft Azure cloud platform can be **up to 93% more energy efficient and up to 98% more carbon efficient than on-premises solutions.**¹



1. The Carbon Benefits of Cloud Computing: a study of the Microsoft Cloud, 2018



Peloton, an established provider of energy sector software, recognizes the challenges faced by the energy sector as the global economy moves toward sustainability. Peloton offers their comprehensive Peloton Platform to help their customers manage greenhouse gas emissions, water use, regulatory reporting, and more. Renewable energy companies and renewables organizations within larger companies can trust Peloton to help them grow and move the whole world in a sustainable direction.

By 2030 Microsoft will be carbon negative, and by 2050 Microsoft will remove from the environment all the carbon the company has emitted either directly or by electrical consumption since it was founded in 1975. Microsoft has also made major commitments in waste, water, and ecosystems. [Learn more about Microsoft and sustainability.](#)



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Get started

Contact us today to learn how Peloton and Microsoft help you manage and track land agreements at scale to monitor and grow your renewables business.

Email: info@peloton.com

Visit: [Land Data Management from Peloton](#)

Visit: [LandView on Microsoft AppSource](#)

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