



ENERGY MISUSE HAS NO EXCUSE.

Currently, USA alone has the capacity to produce **14.6 million** tons of wood pellets every year, which means over **2.4 billion** U.S Dollars in revenue.

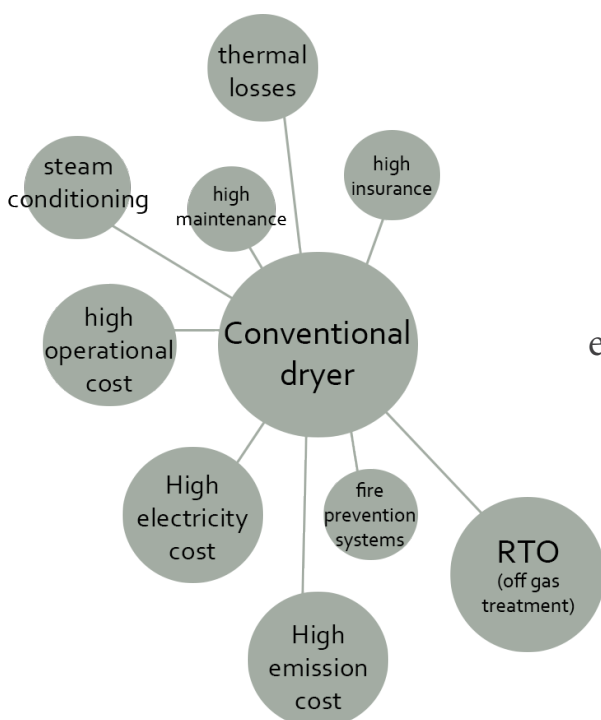


The American pellet export industry has the potential to reach **35 million** ton - or **5.8 billion** USD - as a yearly production just in the southeast US.

However, wood pellet production today is a costly affair.

The dehydration process, today, is the **number one culprit** when it comes to energy consumption and revenue loss.

The most common dehydration technology used in the wood pellet industry, *directly fired drum dryers with off gas treatment (RTO)*, generate high **emissions** and **waste** energy along with being the number one cause of monetary loss due to **high fire** and **explosion** risk.



Every ton of wood pellet produced using drum dryers with RTO means:

CO₂ emission of **409 kg**
1160 kWh net heat consumption
energy consumption of **145 kWh**

Looking for better is not an option, it's a **necessity**.



By adopting the Exergy Pressurized Superheated Steam dryer, ExergyPSSD, you will **reduce** your waste energy, turn air emissions to **zero** and **maximize** your profits.

But how?

We start with a dehydration technology that eliminates the need for RTO, eliminate fire- & explosion risk and implement energy recovery.

The ExergyPSSD is a closed loop system using superheated steam as drying media, allowing the ExergyPSSD to:



95% energy recovery
 pellets with high **durability**
Zero CO₂ emission
 steam **conditioning**
Low operating cost
 combustion property **improvement**
Uniform drying
 no **odor**
100% sterilized product

Choose a solution that will reduce; your carbon footprint, water usage, energy waste and production cost, all while you increase the production safety, reliability and maximize profits.

Create new opportunities with the most energy efficient and green dehydration solution with the lowest life cycle cost in the world.

Let's talk.



Swedish Exergy
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