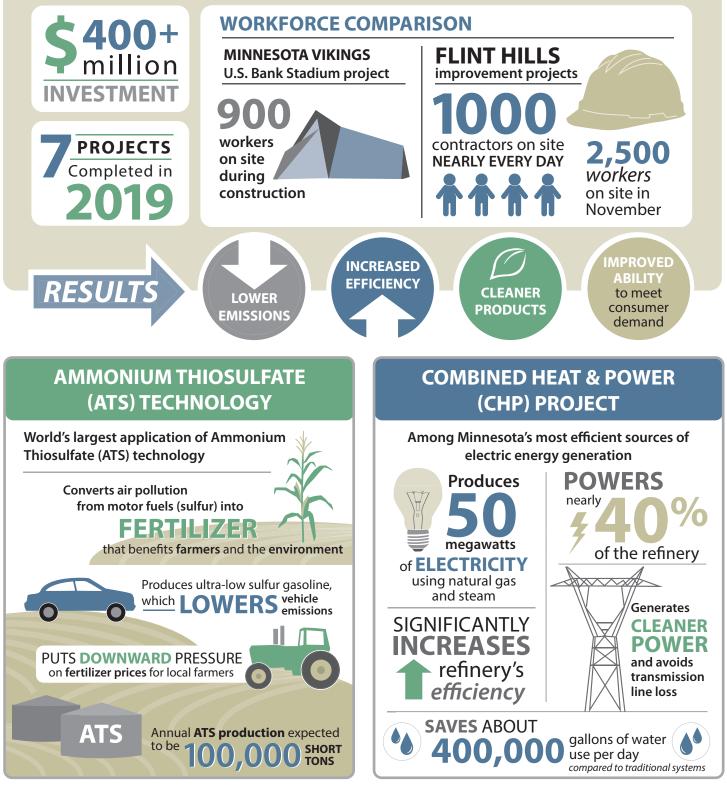
**FLINT HILLS** resources® Pine Bend Refinery

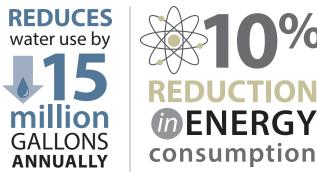
Flint Hills Resources Pine Bend is one of the nation's most efficient oil refineries – and it continues to improve.

# INNOVATION, TECHNOLOGY AND EFFICIENCY IMPROVEMENT PROJECTS

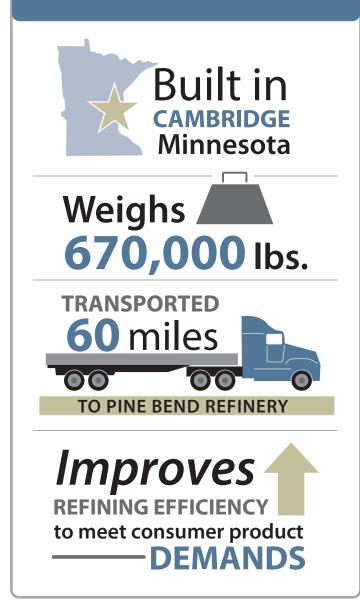


### **MODERNIZED COOLING TOWERS**

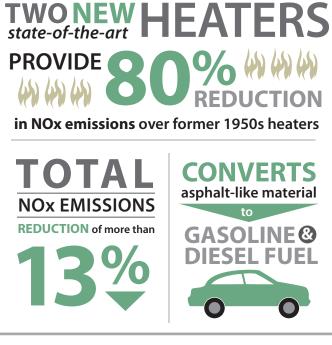
Allows the refinery to more efficiently control its ability to rapidly heat and cool refining products



## **NEW GAS OIL FRACTIONATOR**



#### **NEW HEATING ELEMENTS**



#### WESCOTT PROPANE STORAGE TERMINAL



especially in winter - when demand is highest

#### INVER GROVE HEIGHTS STORAGE TANKS



## EFFICIENT PRODUCT

inventory management

even during maintenance periods – to meet consumer demand during reduced operations



**Pine Bend Refinery**