

About Arencibia



- Founded in 1986 as part of the Ben Franklin Technology Partnership in PA
- East coast HQ in Coopersburg, PA (USA); West coast office in Denver, CO (USA)
- First Argon & Helium Recycle Systems Launched 1989
- Global leader in noble gas recycle for PM and AM applications
- Systems substantially built in Pennsylvania
- 150+ Year Operating History Across All Systems

Value Proposition



Transform Supply Chain Economics

- Use low-cost, high-availability resources like power and nitrogen to recover high-cost, low-availability resources like argon and helium

Mitigate Supply Uncertainty

- Argon supplies are often curtailed when industrial gas companies don't have markets for other air products: oxygen and nitrogen
- Helium supplies are subject to geopolitical risks and constraints and limited availability

Support Your Community and Environment

- Improve your competitiveness through technology transformation, not job cuts or production compromises
- Generate a substantial carbon and energy footprint reduction and receive credits

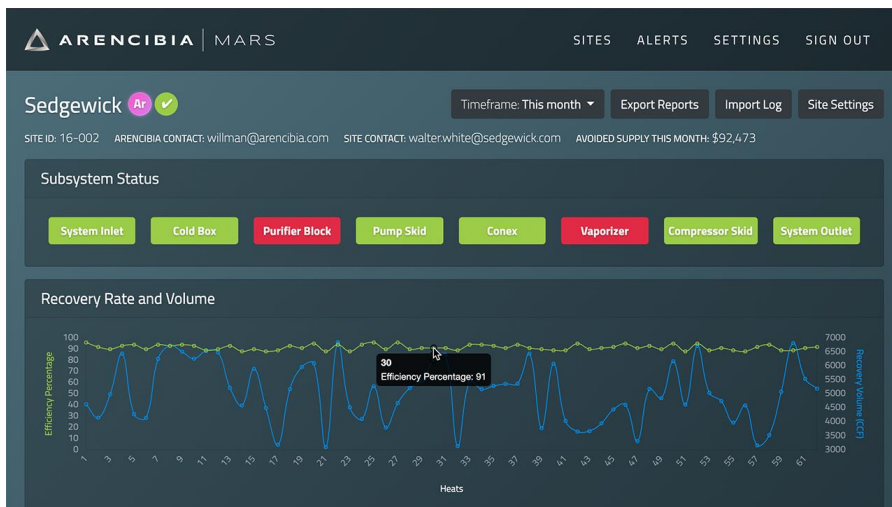
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Gas Recovery Systems



Images

MARS: The only Big Data Platform for Monitoring, Analytics, & Recovery of Industrial Gases



ARENCEBIA | MARS SITES ALERTS SETTINGS SIGN OUT

Alerts

Status	Date	Time	Site	Type	Alert
!	08/15/2019	7:13:56 AM	Bastogne	Ar	RECOVERY EFF 92% FOR 24 HRS; BELOW 95% TARGET
✓	08/16/2019	8:25:35 AM	Amaro	He	CUST. PROD. CHANGE REPORT: OFFLINE/IDLE START 2019-08-17 15:30:00 END 2019-08-18 04:30:00
✓	08/17/2019	7:06:01 AM	Cochrane	Ar	TWR-EIGA-2: RunTime:00:12:05 GoodGas:92% O2max:3ppm DewPmax:-82degF GasCo:2030psi Virgin:229in ARS:910gal Tubes:2320psig TE501max:89F GoodO2:99% GoodDewP:93%
✓	08/17/2019	7:25:22 AM	Liverpool	Ar	HIP12 VENT: RunTime:00:06:45 TkBLinLvl:213in Tubes:5827psig
✓	08/17/2019	7:36:21 AM	Canora	Ar	CUST. PROD. PREDICTED GRADE CHANGE 13 DAYS. ACK SCHEDULED
✓	08/17/2019	7:52:22 AM	Devonport	Ne	C300B PM REQUIRED IN 7 DAYS; ACK SCHEDULED
!	08/18/2019	7:43:19 AM	Wolfsburg	Ar	TWR-A: RunTime:00:52:13 GoodGas:88% O2max:2ppm DewPmax:-73degF GasCo:4589psi Virgin:422in ARS:339gal Tubes:3387psig TE501ax:262F GoodO2:93% GoodDewP:90%

Images

Arencibia Logos



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