Fact Sheet
Pinjarra Alumina Refinery

Region: Australia
Product: Smelter-grade alumina
Certifications: ISO 9001 and ISO 14001
Manager: Mark Hodgson

Operations
- Pinjarra Alumina Refinery was commissioned in 1972 and as one of the world’s largest refineries, has an annual nameplate production capacity of 4.2 million metric tons.
- It is supplied with bauxite ore via overland conveyor from the Huntly Bauxite Mine near Dwellingup.
- Pinjarra refinery is located within the Shire of Murray in the Peel region south of Perth, Western Australia and approximately six kilometres east of the Pinjarra town site. The refinery is sited at the foot of the Darling Scarp and incorporates the refinery footprint, the residue storage area and surrounding cattle grazing areas encompassing an area of 6,772 hectares of freehold property.
- The refinery implements a wide range of world-leading technology innovations that continuously improve production and environmental performance. In 2019 new residue filtration technology was commissioned at Pinjarra to reduce freshwater use by more than 2.5 gigalitres annually as well as delay the need for new residue storage areas.

Economic Impact
- Approximately 1,100 employees and 250 contractors work at the refinery, with an estimated 60 per cent of employees living in the local Pinjarra and Mandurah communities.
- In 2018, the refinery injected approximately AU$145 million into the local community through direct salaries, wages and benefits and approximately AU$550 million in Western Australian supply contracts.
- In 2018, Alcoa’s Australian operations injected approximately AU$690 million into Australia’s local, state and federal governments through the payment of royalties, taxes, rates and charges. Approximately AU$114 million was paid to Western Australian local and state governments.
- More than 65 per cent of Alcoa of Australia’s total annual revenue stays in Australia through wages, local purchasing, taxes, royalties and dividends to Australian shareholders.
- Alcoa of Australia produces an annual Tax Transparency Report and voluntarily established an Annual Compliance Arrangement with the Australian Tax Office in 2012.

Community Engagement
- Refinery management engage with the community through the Community Consultative Network to facilitate dialogue on key social, economic and environmental issues.
- The Environmental Improvement Plan (EIP) consultation process is a working example of community, government and industry coming together for a common purpose. The most recent EIP outlines Alcoa’s commitment to continuously improve Pinjarra refinery’s environmental performance, reduce environmental impacts and develop more sustainable operating practices.
- In 2018, the Pinjarra Alumina Refinery invested approximately AU$425,000 in local community partnerships in Pinjarra, Mandurah and surrounding communities along with further in-kind contributions.
- Overall, Alcoa Foundation and the Australian operations invested AU$3.8 million into areas of need and worthy causes in communities near where we operate in Western Australia.
- In 2018, Alcoa employees initiated 52 Alcoans Coming Together In Our Neighbourhoods (ACTION) events which saw local community organisations benefit from employees’ volunteer support.

Environment and Sustainability
- A partnership between Alcoa and Alinta has created cogeneration power units at Pinjarra refinery, delivering energy efficiencies and significant greenhouse gas benefits. In 2015, the refinery reduced its greenhouse gas emissions by approximately 40,000 tons, mostly due to the cogeneration partnership.
- The refinery has had its own worm farm since 1995. Almost 80 tonnes of organic waste from Alcoa operations is fed into the worm beds each year, with vermicast used for composting and garden fertiliser.
- Pinjarra refinery maintains an Environmental Management System accredited to international standard ISO14001:2015.
Alcoa in Australia

- Alcoa has operated in Australia for more than 56 years and in this time more than AU$12 billion has been invested by its Australian operations.
- Alcoa’s Australian operations represent one of the world’s largest integrated bauxite mining, alumina refining and aluminium smelting systems.
- Two bauxite mines and three alumina refineries in Western Australia produce almost 45 per cent of Australia’s alumina. In Victoria, Portland Aluminium Smelter (which is 55 per cent owned by Alcoa of Australia) produces approximately 19 per cent of the nation’s aluminium.
- Alcoa employs thousands of people, predominantly from regional Western Australia and Victoria, and adds value to Australia’s local, state and national economies at every stage. Alcoa employs 4,250 employees and in 2018 paid AU$668 million in wages and benefits.
- Alcoa’s values ensure that we act with integrity, operate with excellence and care for people.
- Alcoa has been named an employer of choice for 17 consecutive years by the Federal Government’s Workplace Gender Equality Agency (WGEA). Flexible work practices at Alcoa mean that employees can balance their personal interests and family life alongside their work commitments.

Alcoa Corporation

- Alcoa Corporation is a global industry leader in bauxite, alumina and aluminium products, and is built on a foundation of strong values and operating excellence dating back more than 130 years to the world-changing discovery that made aluminium an affordable and vital part of modern life.
- Since developing the aluminium industry, and throughout the company’s history, our talented employees have followed on with breakthrough innovations and best practices that have led to efficiency, safety, sustainability and stronger communities wherever we operate.
- Alcoa was named the Aluminium Industry Leader in the 2019 Dow Jones Sustainability Index (DJSI); a respected benchmark for corporate sustainability. Only the most sustainable companies in each industry are considered for DJSI membership.
- Visit us online at www.alcoa.com, follow @Alcoa on Twitter and on Facebook at www.facebook.com/Alcoa.