China Aluminum Cost Monthly Monitor

Overview of China Aluminum Market
- Capacity and Distribution
- Production in 2011
- Market Concentration

China Aluminum Cost Structure
- Provincial comparison
- Comparison by Power Purchasing Mode (Self Generated Power vs. Grid Power)
- Comparison by Alumina Purchasing Mode (Long-term Contract vs. Spot)

Key Cost Drivers Analysis
- Power
- Alumina
- Prebaked Anode
- Others

China Aluminum Cost Curve
- Cost Curve (Provinces vs. overall China)
- Cost Curve (Smelter Site Cost vs. Full Delivered Cost)

Other Aluminum Reports
- China Aluminum Weekly
- China Aluminum Alloys Weekly
- China Aluminum Monthly
- China Aluminum Raw Material and Supplementary Material Report 2012-2013
- China Primary Aluminum Industrial Chain Report 2012-2013
- China Scrap Aluminum Industrial Chain Report 2012-2013

What is Our Focus
- The geographical distribution of China aluminum smelters;
- Cost elements and drivers of aluminum smelters;
- Cost curves of China aluminum smelting industry.

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This newly launched China Aluminum Cost Monthly Monitor will not only disclose the geographical distribution of most China aluminum smelters through exclusive SMM database research. It will also find out the key cost components as well as cost drivers of the smelters at the different cost levels, beyond which, the most important value is to present the cost curve of China aluminum smelting industry.

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The Highlights of the Report

• How are China aluminum smelters distributed?
• Is China aluminum market highly concentrated?
• What is the cost structure of China aluminum smelters?
• What are the key cost drivers and impact on the total production cost?
• What is the difference of cost structure for different Provinces
  - Power Price (Self Generated Power vs. Grid Power)
  - Alumina Price (Long-term Contract vs. Spot)
• To what extent aluminum smelters will be forced to suspend operation for price changes?

What Makes this Report Unique?

• Huge aluminum value chain sample base including more than 130 smelter samples from 21 China aluminum regions and 40 regular contact with alumina producers from 9 major regions;
• Regular tracking on the operating rate of aluminum smelters and down stream manufacturers as well as emergencies;
• Comprehensive aluminum cost know-how: detailed aluminum smelter cost breakdown and cost forecast.

Example of Charts

Power Price Comparison By Provinces

- Self generated power price is lower than grid power price.
- Among the provinces, Xinjiang enjoys the lowest grid power price and self generated power price.

Aluminum Smelter Sample Distribution

- SMM owns a China aluminum smelter base with 130+ smelters distributed in 21 provinces in China. The smelters capacity of these 21 provinces contributes all Al capacity in China.
- In the Database, SMM selects 80 most representative smelters as samples, the total capacity of which shares over 93% of China total.
- Aluminum smelters cover all provinces (Henan, Shandong, etc), different power purchasing modes (self generated power and grid power) and different alumina purchasing modes (long term contract and spot).