



RECSiLICON

FIRST QUARTER
2017

PRESENTATION

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Agenda

REC Silicon Q1 Financial Results

T. Torvund, CEO

Financial Overview

J.A. May II, CFO

PV Market Outlook

T. Torvund

Silicon Gas And Semiconductor Market Outlook

T. Torvund

U.S. / China Trade Dispute Update

T. Torvund

Yulin JV Update

T. Torvund

Guidance

T. Torvund

Q & A

Highlights

Revenues: \$57.5M

EBITDA: \$ 4.6M

FBR Cash Cost of \$10.7/kg

- FBR Facility Continues Operation at ~50% Capacity Utilization
- Demonstrates Low Cost Capability at Reduced Production Rates

Strong Silicon Gas Sales Volumes

- Exceeded Guidance by 70 MT
- 8.8% Silane Gas Price Decrease Due to Different Sales Mix

March 31, 2017 Cash Balance of \$80.9M

- Cash Increase of \$15.2M
- Decrease in Working Capital Investment
- Expect to Remain Near Cash Neutral Throughout 2017
- No Debt Maturities in 2017

Yulin JV on Track for Start-up in Second Half of 2017

Key Metrics

Polysilicon Sales Volume **

Total	2,509MT
Inventory Increase	618MT

FBR Production

Actual	2,416MT
Guidance*	2,320MT
Deviation	4.1%

FBR Cash Cost

Actual	\$10.7/kg
Guidance*	\$11.0/kg
Deviation	-3.1%

Total Polysilicon Production

Actual	3,127MT
Guidance*	3,080MT
Deviation	1.5%

Semiconductor Production

Actual	271MT
Guidance*	350MT
Deviation	-22.6%

Silicon Gases Sales Vol.

Actual	820MT
Guidance*	750MT
Deviation	9.4%

* Guidance Presented February 16, 2016

** Excludes Fines and Powders



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FINANCIAL REVIEW

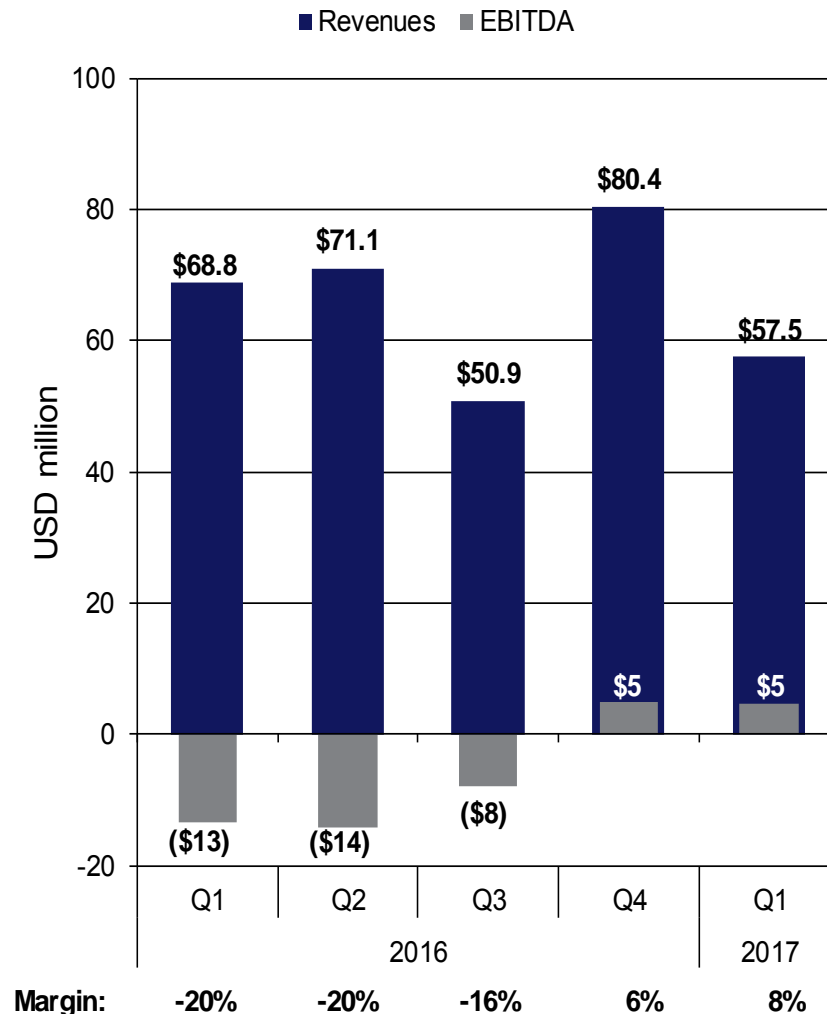
Q1 2017 Key Financial Results

Revenues - \$57.5M

- › 28.5% Decrease vs. Q4 2016
- › Polysilicon Sales Volumes 2,509 MT
(Excluding Fines & Powders)
 - 34.0% Sales Volume Decrease vs. Q4 2016
 - 9.5% Solar Grade Price Increase vs. Q4 2016
- › Silicon Gas Sales Volumes 820 MT
 - Continued Strong Sales Volumes
 - 8.8% Silane Price Decrease vs. Q4 2016

EBITDA of \$4.6M

- › Reflects:
 - FBR Cash Cost of \$10.7/kg
 - Other Income of \$1.2M
 - \$1.8M Collection of Reserved Accounts Receivable
 - Continued Strong Silicon Gas Sales Volumes



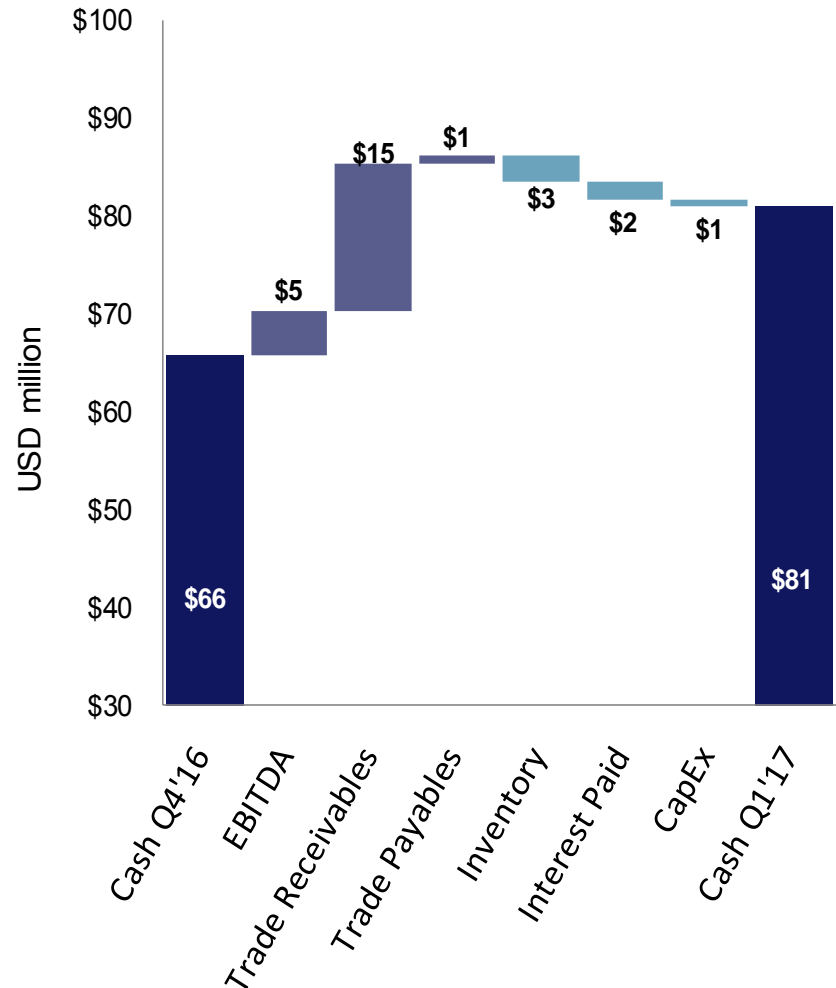
Cash Flows

Cash Flows From Operating Activities \$15.7M

- › EBITDA of \$4.6M
- › Working Capital Decrease \$13.1M
 - Decreased Accounts Receivable \$15.0M
 - Increased Accounts Payable \$0.9M
 - Increased Inventories (\$2.8M)
- › Interest payments (\$1.8M)

Cash Outflows From Investing Activities (\$0.8M)

- › (\$0.8M) CapEx



Liquidity at March 31, 2017

Nominal Debt - \$186M

- › Unchanged Compared to Q4 2016

Nominal Net Debt - \$106M

- › Decreased by \$15M in Q1 2017
 - Increase in Cash of \$15.2M

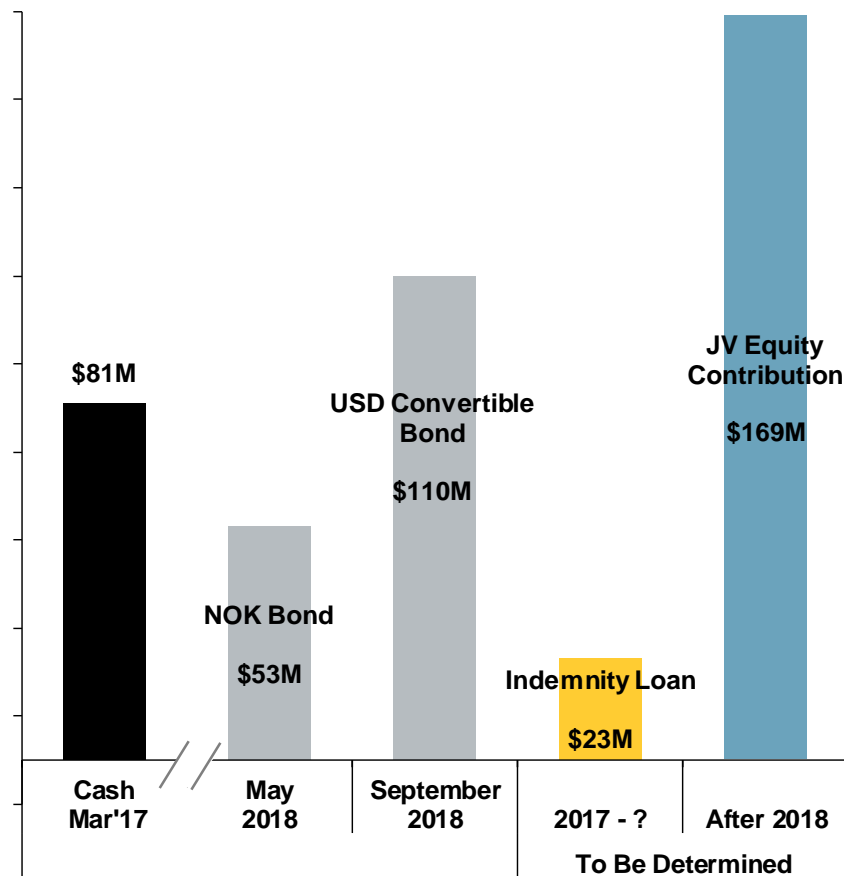
Indemnity Loan (Included in Net Debt)

- › Callable Beginning in February 2016
- › Has not Been Called
- › Due Date is Uncertain

JV Equity Contribution

- › Continued Negotiations to Defer Remaining Contributions Until After 2018
- › Agreements Permit Company to Forego Making Remaining Contribution if Unable to Pay

USD Million



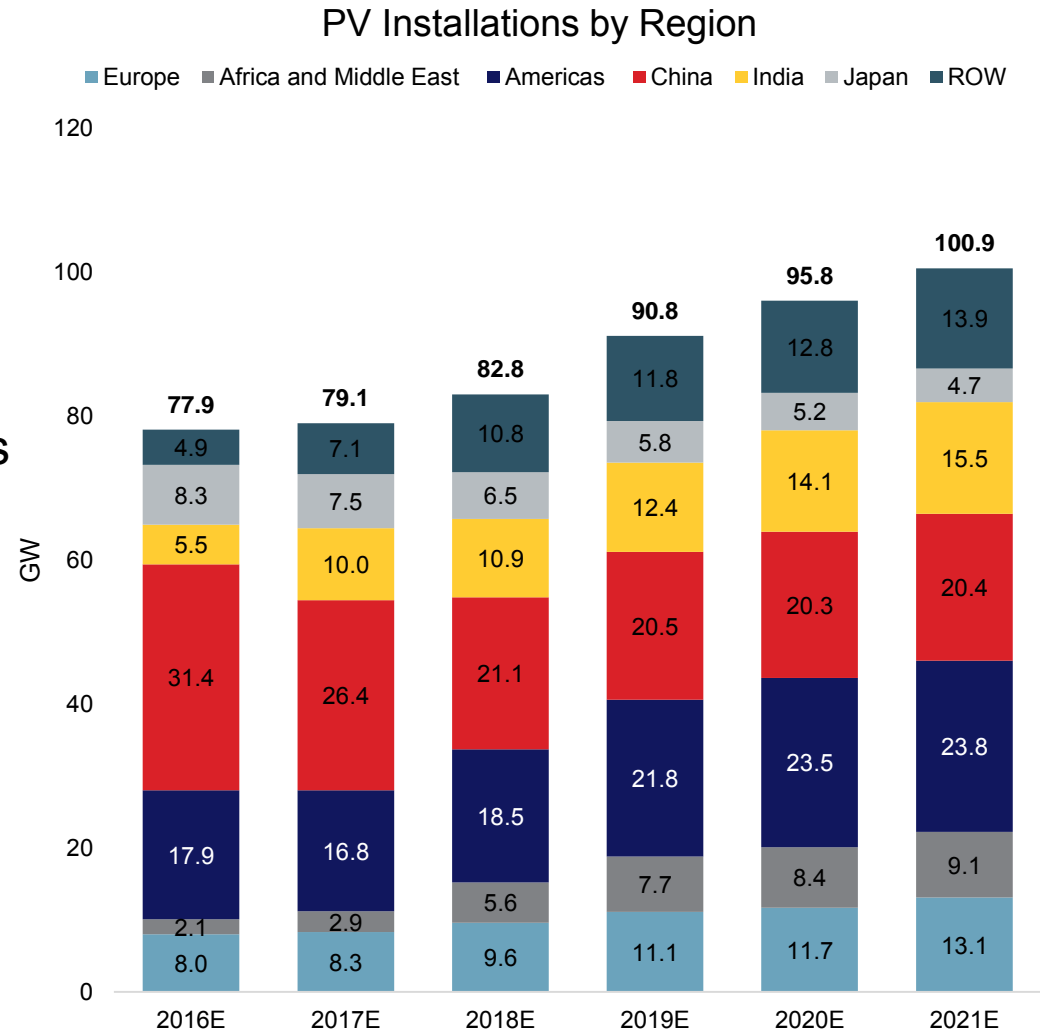


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PV MARKET
OUTLOOK

Strong Global PV Demand Through 2021

- › 70% of 2017 PV Market Demand will Come from Top Four Markets: China, U.S., India, and Japan
- › Lower System Costs Support Demand Growth in New Regions and Emerging Markets
- › 64 GW of Capacity from 2017-2021 Expected from Emerging Markets, Including:
 - Brazil
 - Mexico
 - South Africa

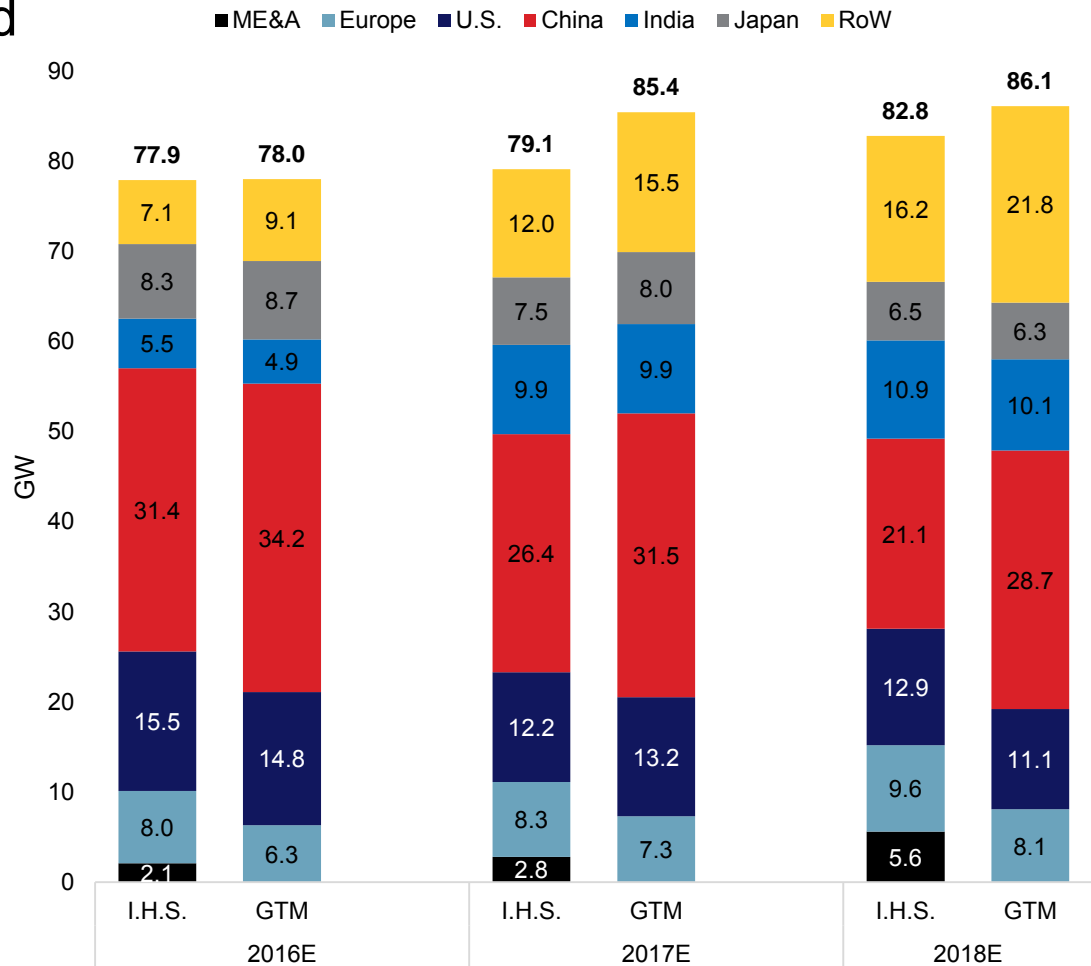


Source: IHS Markit, Technology Group, PV Demand Market Tracker – March 31, 2017

Increased Annual Analyst Installation Forecasts

- › Despite Variability, Market Forecasts Show Increased Demand
- › Record Low Price Levels in India and Emerging Markets Driving Greater Demand
- › Drivers in Many Markets:
 - Increasing Demand for Electricity
 - Greater Electrification
 - Lower LCOE than Conventional Energy

2016-2018 Installation Forecasts



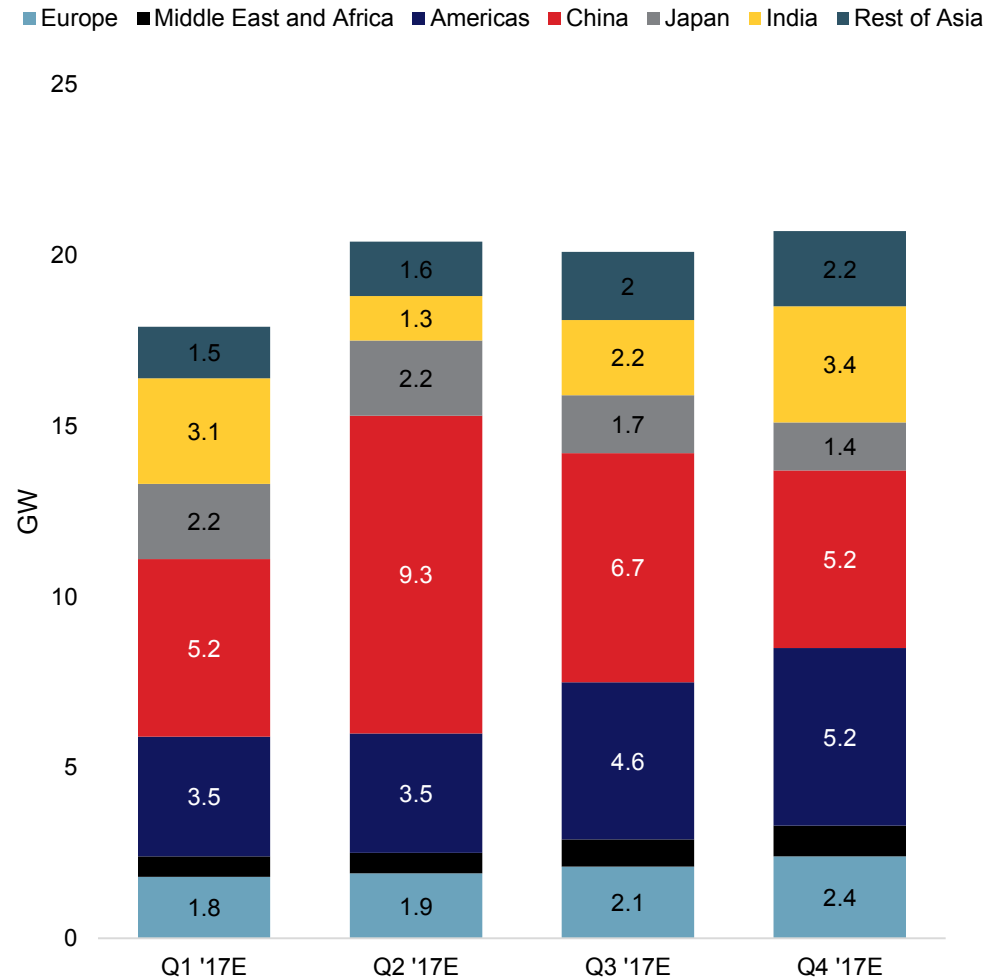
Source: IHS Markit, Technology Group, PV Demand Market Tracker – March 31, 2017

GTM Research, PV Pulse: April 2017

2017 Quarterly Module Installations by Region

- › I.H.S. Continues to Expect Higher Installations in Q2 Than Q1
 - China Accounts for Roughly 40% of H1 2017 Demand
 - China 2016 FIT Grace Period Expires June 30, 2017, but Rumors of Further Extension
 - H2 2017 Installations in China Also Dependent on Timing of 2017 FIT Expiration
- › More Balanced Demand Profile in H2 2017 Predicted Compared to H2 2016
 - Strong Demand in India, Americas and Europe Offsets Slowdown in China

IHS 2017F Quarterly Installations



Source: IHS Markit, Technology Group, PV Demand Market Tracker – March 31, 2017

Polysilicon Spot Price Rebounds in H1 2017

› REC Silicon Average Solar Grade Sales Price Increased 9.5% vs. Q4 2016

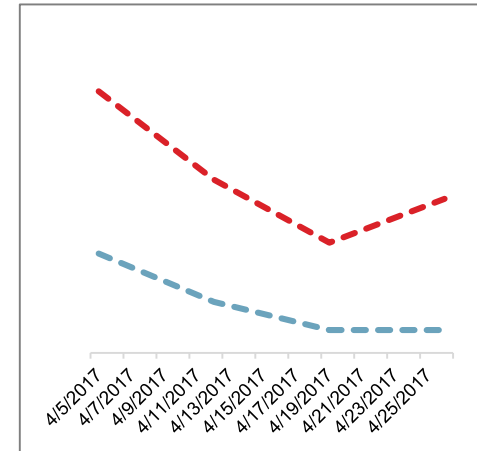
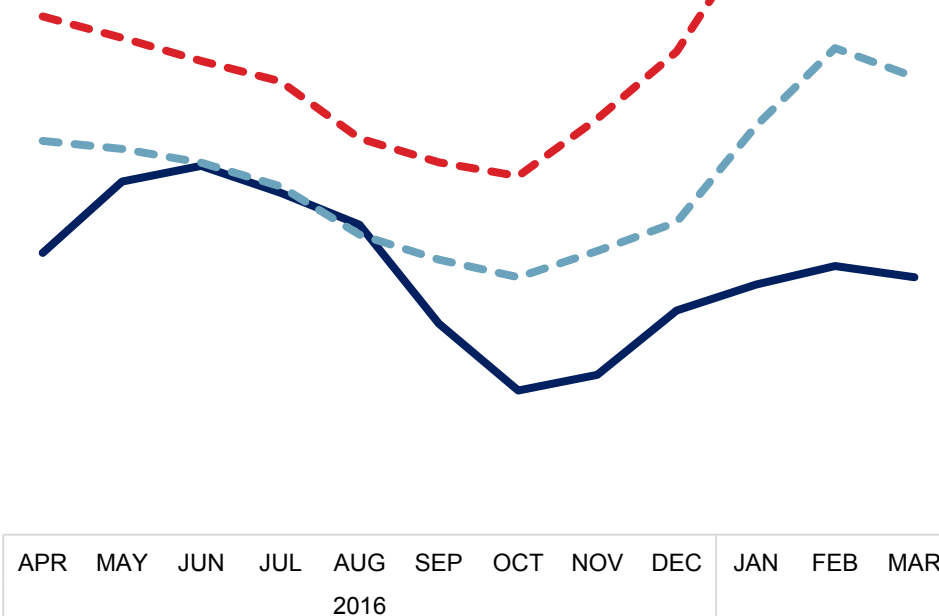
› Average Solar Spot Market Price Increased Approximately 9% vs. Q4 2016

› Spot Price Increase Due to:

- Continued Strong End Use Demand
- High Wafer Capacity Utilization

FBR Prime vs. Solar Price Indices

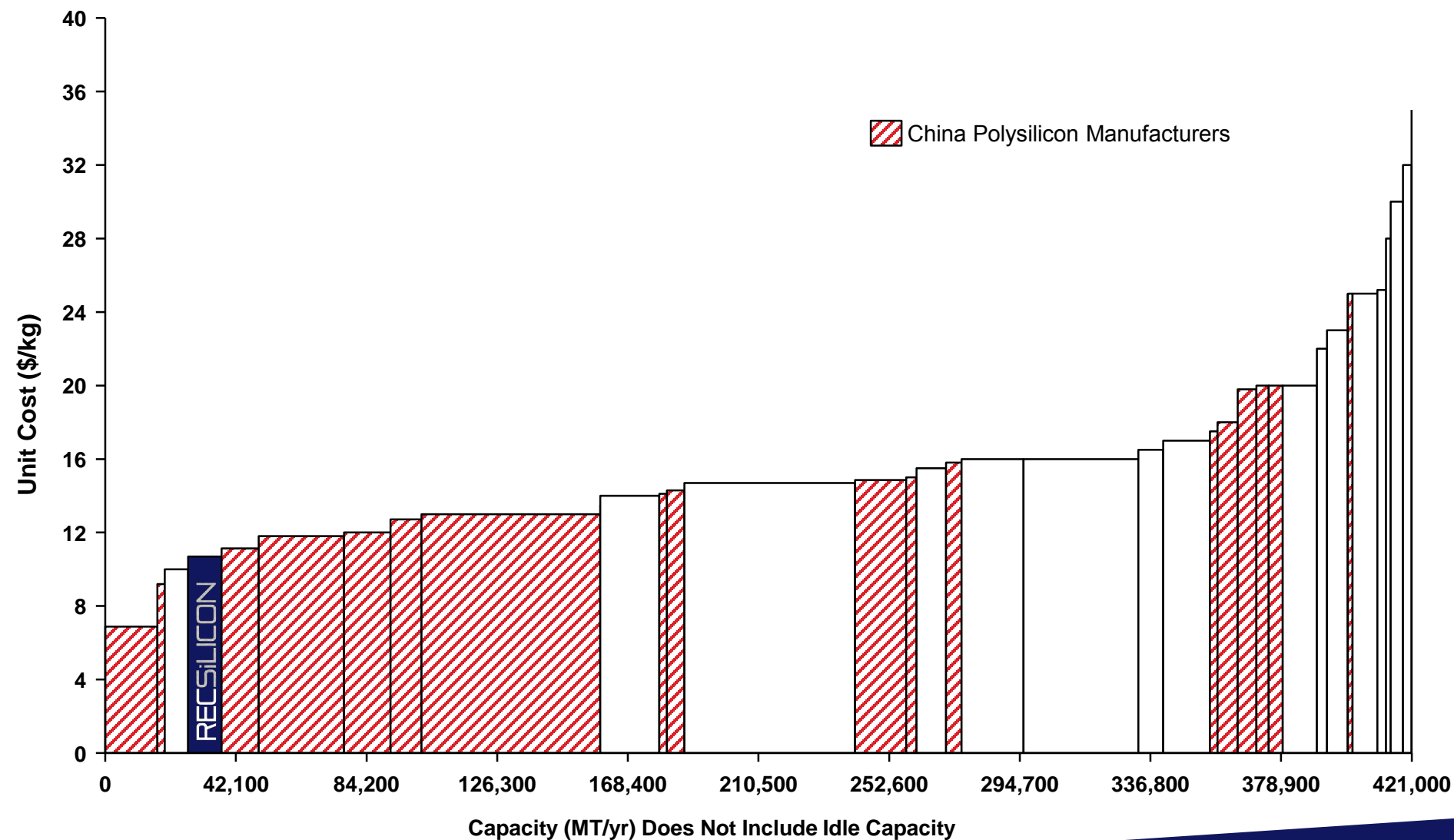
— FBR PRIME - - - Inside China - - - Outside China



REC Silicon Remains Cost Leader of Outside China Polysilicon Manufacturers at Half Capacity

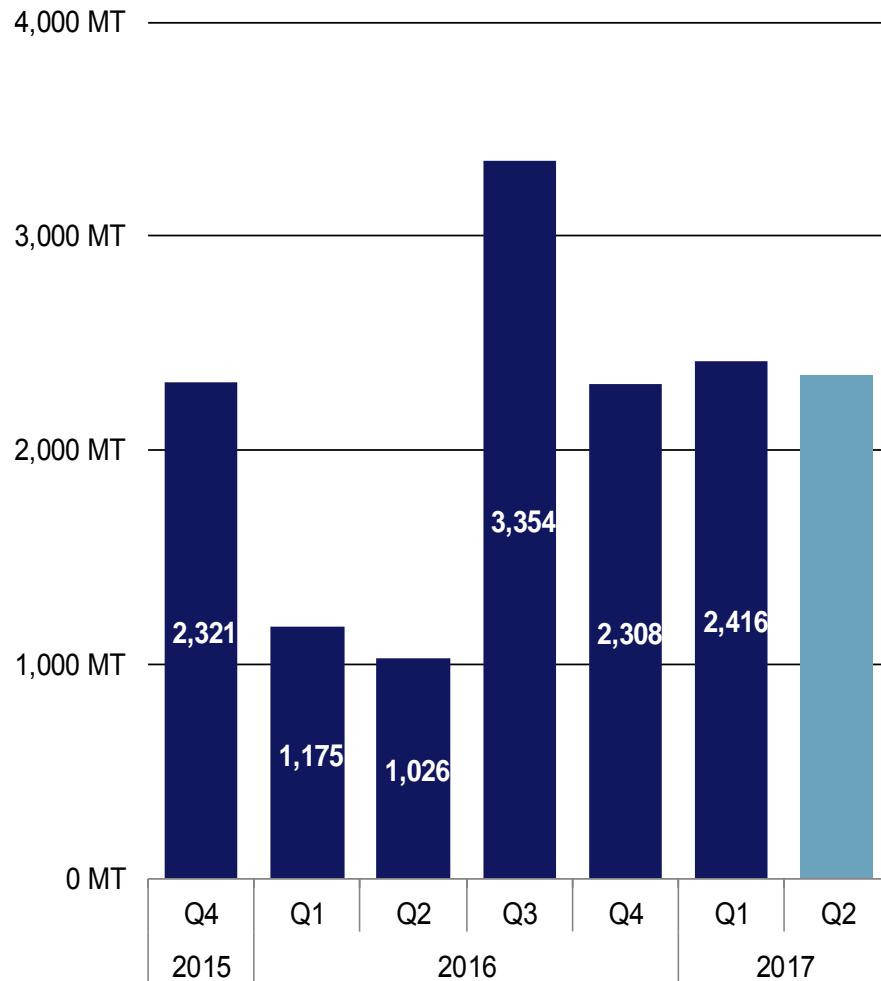
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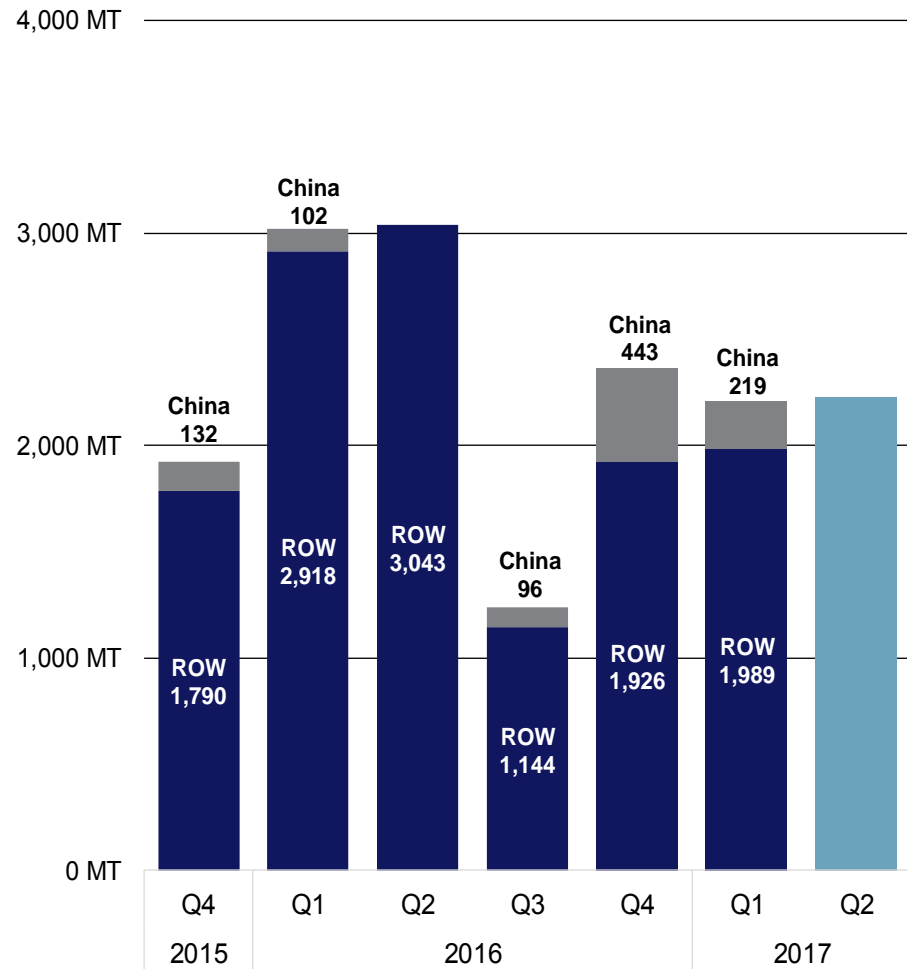


Continued Alignment of FBR Production with Market Demand

FBR Production



FBR Sales



Note: Excludes Fines & Powder

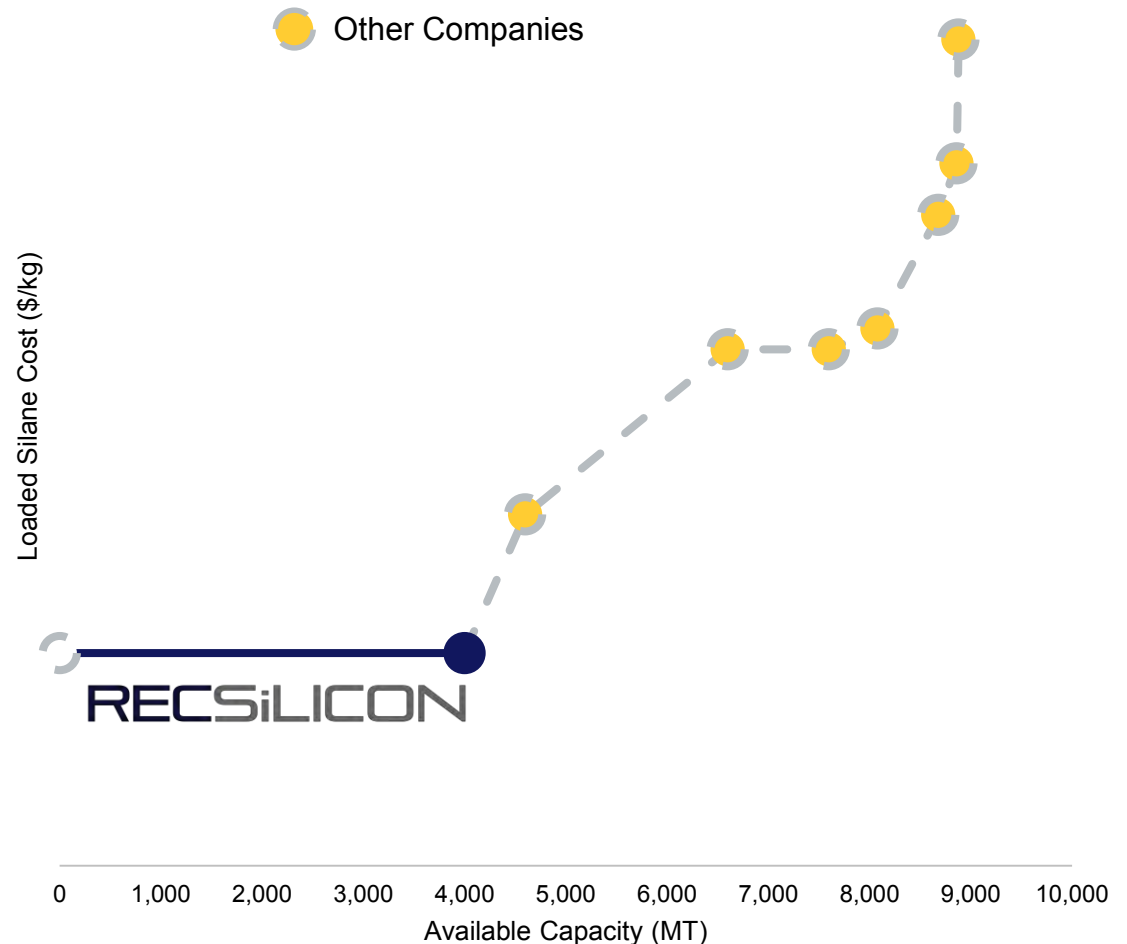


SILICON GAS AND SEMICONDUCTOR MARKET OUTLOOK

Lowest Cash Cost and Highest Production Capacity

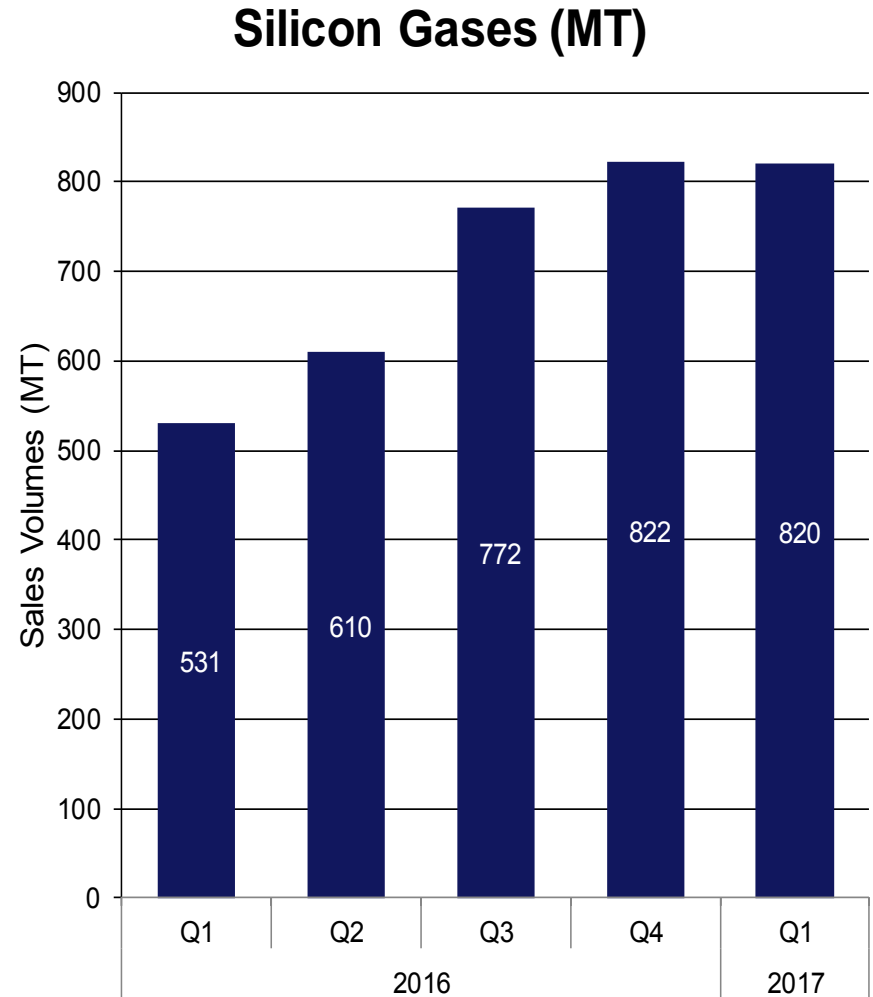
- › REC Silicon Maintains Lowest Silane Cash Cost and High Production Capacity
- › Leader in Value Added Services, Consistency, Safety, Redundancy, and Responsibility

Silane Cash Cost Stack (Loaded Cost Estimate)



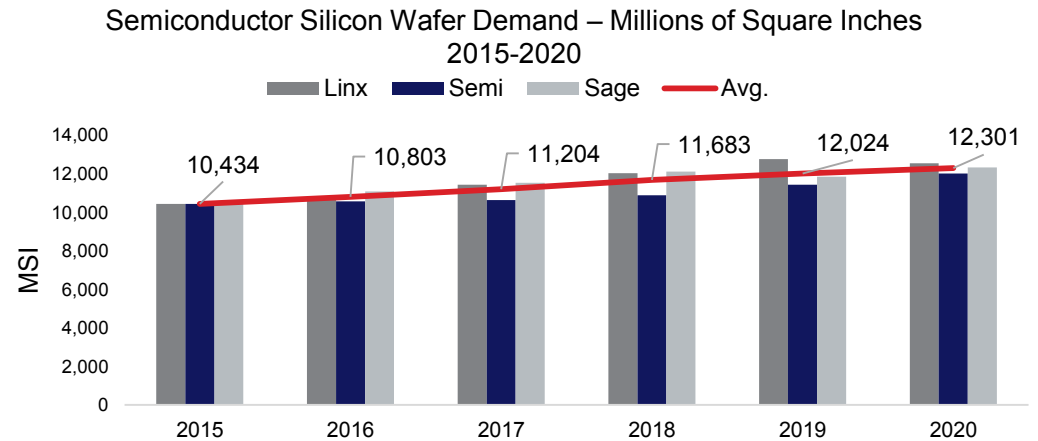
Strong Silicon Gas Sales in Q1 2017

- › Strong Silicon Gas Sales Volumes Despite Historically Weak First Quarter
 - 820 MT Compared to Guidance of 750 MT
 - 35% Increase Compared to Q1 2016 Sales Volumes
- › Q2 2017 Sales Volumes Expected to Remain at Comparable Level
- › 8.2% Lower Silane Sales Prices on Account of Different Sales Mix



Stable Growth in Semiconductor Silicon Wafer Demand 2017

- › Wafer Demand is a Driver of Semiconductor Grade Polysilicon and Silane Gas Demand
- › Consistent, Stable Growth Expected in Semiconductor Market
- › Wafer Suppliers Seeking Long Term Contracts Amid Tight Supply



Sources: Semi Spreadsheet: 3rd Qtr, Sage 2016 Polysilicon Report, Table 8-1., Linx-Consulting, April. 25, 2017



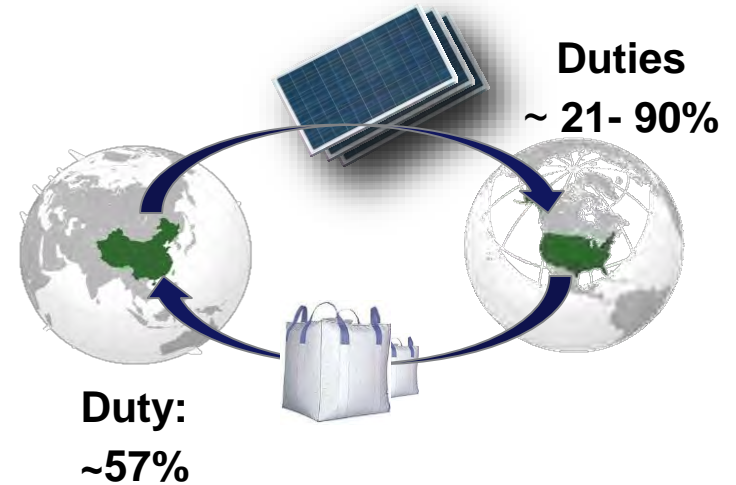
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U.S./ CHINA TRADE DISPUTE UPDATE

US / China Solar Trade Dispute Continues

- › Higher Prices Inside China Continue
- › China Investigation of Korean Polysilicon On-going
- › Following Recent Xi Jinping Meeting with Trump in Florida, US and China Focus on Trade Wins and Cooperation
- › New USG Rhetoric Suggests It Values US Polysilicon Manufacturing Capacity – Material Potential Contributor to Reduction in Trade Deficit



Spring 2015 Spring 2017

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YULIN JV UPDATE

Yulin JV – On Track for H2 2017 Start-up

Construction Progressing

- › Over 6.3 Million Man-hours Worked To Date - No Reported Safety or Environmental Incidents
- › Majority of Project Equipment and Supplies On-site, Quality Testing of Welded Pipe, Electrical and Instrumentation Systems Underway
- › REC Silicon Commissioning Team and Start-up Support Personnel Already On-site in Yulin

Capital Contributions

- › Continued Negotiations to Defer Remaining Contributions Until After 2018
- › Agreements Permit Company to Forego Making Remaining Contribution if Unable to Pay





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GUIDANCE

Q2 and Updated 2017 Guidance

FBR Production	
Q2	2,350MT
2017	9,510MT

FBR Cash Cost	
Q2	\$11.0/kg
2017	\$11.0/kg

Total Polysilicon Production	
Q2	3,040MT
2017	12,320MT

Semiconductor Production	
Q2	280MT
2017	1,060MT

Silicon Gas Sales	
Q2	800MT
2017	3,300MT

CapEx *	
Maintenance	\$10M
Expansion	\$ 0M
2017 Total	\$10M

* Additions to Property Plant and Equipment

Financial Options: 2018 Bonds and the Yulin JV Contribution

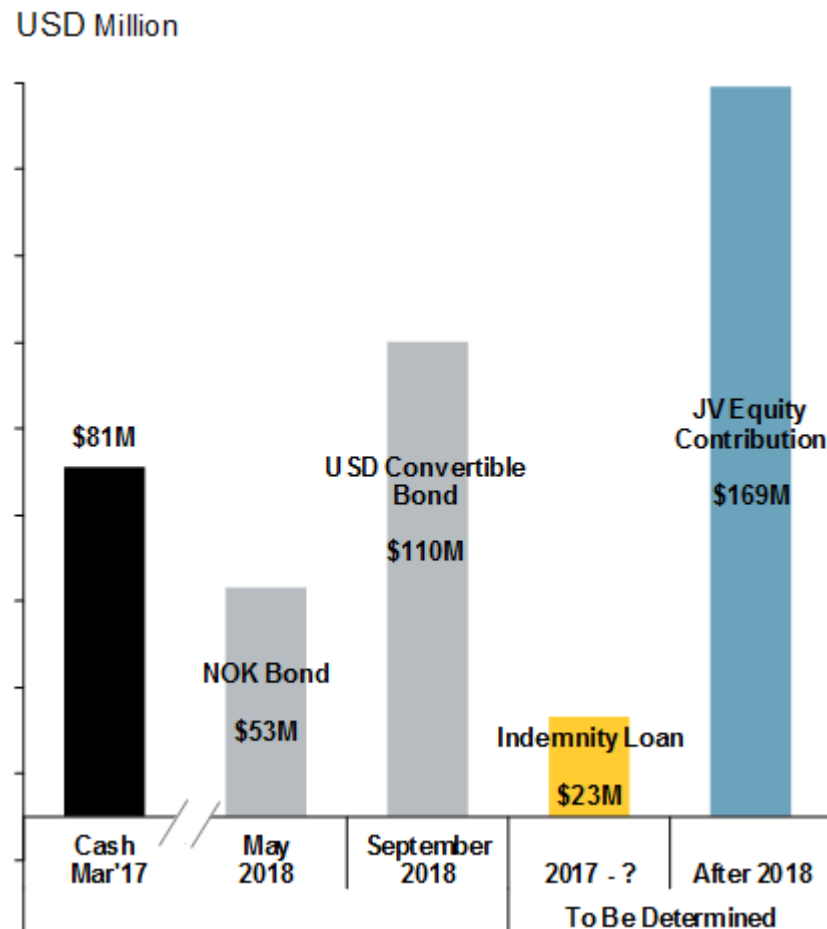
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Nominal Net Debt - \$120M

- › Several Sources will be Evaluated in H2 2017 for the 2018 Bonds and Indemnification Loan
 - I. Cash from Operation
 - II. Refinancing
 - III. Divestment of Non-core Assets
 - IV. New Equity

JV Equity Contribution

- › Continued Negotiations to Defer Remaining Contributions Until After 2018
- › Agreements permit company to forego making remaining contribution if unable to pay



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SILANE



MADE IN USA

DOT SP-14977
DOT SP-14453

AVSZ000293

Q2 2017 Reporting
July 20, 2017
