

**Archived:** Thursday, May 31, 2012 3:40:35 PM  
**From:** Bob Berry  
**Sent:** Thursday, December 15, 2011 7:10:37 AM  
**To:** Christian Whitaker; Jim McMahon; Bill Blackburn; Eric M. Robeson  
**Cc:** Pat Augustine; Girish Mangtani  
**Subject:** RE: Market pricing project  
**Importance:** Normal

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Christian, Monday afternoon or Wednesday afternoon would work best for me.

Bob

**From:** Christian Whitaker [mailto:Christian.Whitaker@PaceGlobal.com]  
**Sent:** Wednesday, December 14, 2011 9:33 AM  
**To:** Christian Whitaker; Jim McMahon; Bill Blackburn; Bob Berry; Eric M. Robeson  
**Cc:** Pat Augustine; Girish Mangtani  
**Subject:** RE: Market pricing project



Eric, Bill, Bob,

I just wanted to check in and see if you have had an opportunity to look at the assumptions and whether an afternoon call tomorrow might work for your team. Let me know and I can schedule a conference bridge. While I am not available Friday, I'm in all week next week if Monday or Tuesday are better options for you. Let me know when you have an opportunity.

Thanks,  
Christian

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**From:** Christian Whitaker  
**Sent:** Monday, December 12, 2011 11:06 AM  
**To:** Jim McMahon; 'bill.blackburn@bigrivers.com'; 'bob.berry@bigrivers.com'; 'Eric M. Robeson'  
**Cc:** Pat Augustine; Girish Mangtani  
**Subject:** RE: Market pricing project

Eric, et al.

Per Jim's note, please find Pace's pricing and load assumptions for the MISO price forecasting work. These assumptions provide the fundamental basis for the stochastic analyses that will be synthesized into the forecast that we provide to Big Rivers. Please let me know if you have any questions or comments on the information contained in the attached spreadsheet.

Also, as Jim mentioned, I was asked to manage this work due to my background and experience with both wholesale power pricing in deregulated markets and the Aluminum industry, and specifically with the critical nature of power supply costs in the overall economics of primary aluminum smelters. With respect to a discussion around these assumptions and smelter economics, Thursday afternoon would be the best time for the Pace team. Please let me know if this is amenable to your schedule. I have attached my vCard to this note as well, so please feel free to contact me at any of the numbers listed.

Best Regards,  
Christian



**From:** Jim McMahon  
**Sent:** Friday, December 09, 2011 3:35 PM  
**To:** bill.blackburn@bigrivers.com; bob.berry@bigrivers.com; Eric M. Robeson  
**Cc:** Christian Whitaker; Pat Augustine  
**Subject:** Market pricing project

Bill, Bob & Eric: We've kicked off the MISO price forecasting work and are scheduled to deliver our market driver assumptions early next week (fuel prices, load, allowances, construction costs, etc). Christian Whitaker – copied – will be project managing that work for our team. Once we've shared and discussed those assumptions with you, we will be producing the stochastic price forecast. We are targeting delivery within December.

I have asked Christian to reach out to you to schedule time next week to review the market assumptions. I would suggest that we take time during that meeting to discuss your companion requirements for understanding smelter economics. Christian and other members of our team are extremely knowledgeable and experienced in that space.

Have a nice weekend.

Jim