

## Appendix O

### Natural Gas Supply

**From:** Nasrin Houston [Nasrin.Houston@swgas.com]  
**Sent:** Monday, June 08, 2009 10:28 AM  
**To:** Frederick Redell  
**Cc:** Christopher.Glosemeyer@abencs.abengoa.com; scott.frier@solar.abengoa.com; Erich Trombley  
**Subject:** RE: Gas Interconnection for Solar Project

Fred,

Our Engineering Planning has completed their study and determined that the existing 16-inch pipeline has sufficient capacity to serve the Mojave Solar project with 42Mcfh load at 30 psig delivery pressure. To serve the two solar plants at a minimum the following facilities are required.

- A tap off of the 16 inch pipeline which includes pressure regulation
- Gas line from the tap to each delivery location
- A high pressure meter set at each delivery location

I hope this information helps. If you have any questions please contact me.

Regards,

Nasrin Houston  
 Industrial Gas Engineer  
 Southwest Gas Corporation  
 4300 West Tropicana Avenue  
 Las Vegas, NV 89103  
 P 702-365-2549I M 702-682-9395I F 702-740-9209  
 E [nasrin.houston@swgas.com](mailto:nasrin.houston@swgas.com)

>>> Frederick Redell <[fred@redellengineering.com](mailto:fred@redellengineering.com)> 5/27/2009 7:35 PM >>>  
 Nasrin,

We are set as previously described; no changes needed. Please let me know when can have the engineering study available.

Thanks,  
 -Fred

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**From:** Nasrin Houston [Nasrin.Houston@swgas.com]  
**Sent:** Wednesday, May 20, 2009 2:14 PM  
**To:** Frederick Redell  
**Subject:** RE: Gas Interconnection for Solar Project

Thank you Fred. I will watch for your email with the revised flow/pressure numbers.

Nasrin

>>> Frederick Redell <[fred@redellengineering.com](mailto:fred@redellengineering.com)> 5/20/2009 1:58 PM >>>

Nasrin,

Attached is the project boundary and the approximate locations of the boilers in Google Earth format. You should be able to clearly see where your pipeline (Harper Lake Rd) intersects the project and is with respect to the service locations.

We are re-running our numbers on gas flows and pressures to make sure we have the right values. Please give me a day or so to confirm. Worst case we would need twice the flow and twice the pressure. This should still be well within the capability of that line but I want to be sure we need that before we proceed with those numbers.

Regards,  
Fred

-----Original Message-----

From: Nasrin Houston [mailto:Nasrin.Houston@swgas.com]  
Sent: Wednesday, May 20, 2009 11:42 AM  
To: Frederick Redell  
Subject: Re: Gas Interconnection for Solar Project

Thank you.

-----Original Message-----

From: Frederick Redell <fred@redellengineering.com>  
To: Houston, Nasrin <Nasrin.Houston@swgas.com>

Sent: 5/20/2009 11:39:54 AM  
Subject: RE: Gas Interconnection for Solar Project

Nasrin,

I was out of the office until just now and will put together Google files for your reference.

-Fred

From: Frederick Redell  
Sent: Wednesday, May 13, 2009 8:58 AM  
To: Frederick Redell; 'Nasrin Houston'  
Cc: 'Christopher.Glosemeyer@abencs.abengoa.com'  
Subject: RE: Gas Interconnection for Solar Project

Nasrin,

As we discussed on the phone, if I have 30 +/- 5 psig delivery pressure at each power island, that should be fine.

-Fred

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