

1 [Solar Power Projects Long Term Interconnection Agreements.]

2

3 **Resolution authorizing the San Francisco Public Utilities Commission General Manager**  
4 **to enter into long term interconnection agreements for photovoltaic power plants**  
5 **projects on City buildings, pursuant to San Francisco Charter Section 9.118.**

6

7 WHEREAS, The San Francisco electorate in November 2001 adopted Propositions B  
8 and H, requiring the development and use of renewable energy on buildings owned by the  
9 City and County of San Francisco; and

10 WHEREAS, The San Francisco Public Utilities Commission (SFPUC) was given  
11 responsibility for implementing those renewable energy projects; and,

12 WHEREAS, The SFPUC has installed several photovoltaic power plant systems on  
13 City Buildings, including the Moscone Center, the Southeast Treatment Plant and the  
14 recycling facility at Pier 96; and

15 WHEREAS, the construction, or installation and operation agreements for these  
16 Projects were approved by the Board of Supervisors respectively in the following resolutions:  
17 Moscone Center, Resolution 621-02; Southeast Treatment Plant, Resolution 443-04; and Pier  
18 96, Resolution 189-06; and

19 WHEREAS, The SFPUC has authorized and developed five additional projects that  
20 are nearing completion, including Chinatown Public Library, Maxine Hall Medical Center, City  
21 Distribution Division (CDD) Warehouse, North Point Treatment Plant and San Francisco  
22 International Airport Terminal 3 rooftop (the Solar Projects); and

23 WHEREAS, On August 8, 2006, the SFPUC authorized a contract with Design-Build  
24 Solutions, Inc, the Power Enterprise funded agreement No. DB 112, Solar Photovoltaic  
25 Renewable Energy Plants, for turnkey design and construction of two solar photovoltaic

\*\*Supervisor Mirkarimi\*\*

**BOARD OF SUPERVISORS**

1 renewable energy plants, for an amount not to exceed \$492,964.16 over the life of the  
2 Chinatown Branch Public Library and Maxine Hall Neighborhood Medical Center projects;  
3 and,

4 WHEREAS, On September 26, 2006, the SFPUC authorized a contract with Stellar  
5 Energy Solutions, the Mayor's Energy Conservation Account-funded agreement No. DB-110-  
6 R, Photovoltaic Power Plants at CDD and North Point, to provide design, construction, and  
7 commissioning of a 86.75 kW photovoltaic system at City Distribution Division's warehouse  
8 and a 157 kW system at North Point Wet Weather Facility for an amount not to exceed  
9 \$2,968,434 ; and

10 WHEREAS, The Airport Commission awarded Airport Contract No. 8684, Terminal 3  
11 Solar Power System to Bay Area Systems and Solutions, dba Bass Electric Company, in the  
12 amount of \$5,533,608.00 and approved an additional \$100,000.00 for Type I Modifications;  
13 and

14 WHEREAS, The SFPUC must enter into Generating Facility Interconnection  
15 Agreements (GFIs) with Pacific Gas and Electric Company (PG&E) to interconnect and  
16 operate the Solar Projects in parallel with PG&E's Distribution System and to serve the  
17 electrical loads at the City buildings in question, and

18 WHEREAS, The GFIs for the Solar Projects are based on a form agreement  
19 approved by the California Public Utilities Commission; and

20 WHEREAS, The term of the GFIs for the Solar Projects is indefinite and hence  
21 exceeds ten (10) years, and thus is subject to approval by this Board of Supervisors pursuant  
22 to San Francisco Charter section 9.118; and

23 WHEREAS, The GFIs for the Solar Projects are subject to termination by the City for  
24 any reason upon sixty days notice; and

25

\*\*Supervisor Mirkarimi\*\*

**BOARD OF SUPERVISORS**

Page 2

9/10/2007

d:\insite\files\sfrn\attachments\17522.doc

1           WHEREAS, It is to the City's benefit for the GFIA's to have indefinite terms since this  
2 allows the Solar Projects to remain interconnected indefinitely subject to the City's right to  
3 terminate the GFIA's and disconnect the Solar Projects for any reason, upon sixty days notice;  
4 and

5           WHEREAS, In order to qualify for financial incentives for each of the pending Solar  
6 Projects (with the exception of Chinatown Library, which is below the limit to qualify), the  
7 SFPUC must execute the GFIA for each of the projects by certain deadlines to provide PG&E  
8 with Proof of Authorization to interconnect the solar systems; such dates being Maxine Hall  
9 (11/6/2007); City Distribution Division (11/8/2007); North Point (12/13/2007); and San  
10 Francisco International Airport (12/29/2007); and

11           WHEREAS, Because of time considerations related to obtaining a sizeable financial  
12 incentive, the SFPUC entered into a GFIA with PG&E for a solar project at Pier 96 with a term  
13 of 9 year 11 months; and

14           WHEREAS, The SFPUC desires to amend the GFIA for Pier 96 to extend the term to  
15 an indefinite term, subject to termination by the City for any reason, upon sixty days notice,  
16 consistent with the GFIA's for the Solar Projects; and

17           WHEREAS, The City Risk Manager has approved the Limitation of Liability language  
18 set forth in section 7 and the Insurance language set forth in section 8 of the GFIA's for the  
19 Solar Projects and for Pier 96; and

20           WHEREAS, The SFPUC may also be required by PG&E to enter into an Export  
21 Addendum (Uncompensated) to the GFIA to address the distribution of any unused energy  
22 produced by those projects (the Export Addendums), which addendums modify the GFIA and  
23 will remain in effect for the same term as the GFIA; and

24  
25

\*\*Supervisor Mirkarimi\*\*

**BOARD OF SUPERVISORS**

Page 3

9/10/2007

d:\insite\files\sfrn\attachments\17522.doc

1           WHEREAS, A copy of the GFIA's for the Solar Projects, with the exception of the  
2 Chinatown Library project GFIA, which will be in substantially the same form as the other  
3 Solar Project GFIA's, and the form of the Export Addendums are on file with the Clerk of the  
4 Board of Supervisors in File No.     , which is hereby declared to be a part of this resolution as  
5 if set forth fully herein; and,

6           WHEREAS, This Board supports the use and development of renewable energy on  
7 City Buildings; now, therefore, be it

8           RESOLVED, That this Board of Supervisors authorizes the San Francisco Public  
9 Utilities Commission General Manager to enter into the GFIA's for the Solar Projects, and to  
10 amend the Pier 96 GFIA to extend the term to an indefinite term, and to enter into Export  
11 Addendums where required, pursuant to San Francisco Charter section 9.118.

12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25