DRAFT MINUTES: ***Subject to change prior to approval by Authority or Committee at its next regular meeting***

MINUTES OF THE CONSTRUCTION & DEVELOPMENT COMMITTEE MEETING OF THE CONVENTION CENTER AUTHORITY OF THE METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY

The Construction & Development Committee of the Convention Center Authority of the Metropolitan Government of Nashville and Davidson County (CCA) met on May 31, 2012 at 8:51 a.m., in Room 211 at the Nashville Convention Center, Nashville, Tennessee.

CONSTRUCTION & DEVELOPMENT COMMITTEE MEMBERS PRESENT: Vonda McDaniel, Mona Lisa Warren, and Marty Dickens, Ex-Officio

CONSTRUCTION & DEVELOPMENT COMMITTEE MEMBERS NOT PRESENT: Luke Simons and Leo Waters

OTHERS PRESENT: Francis Guess, Mark Arnold, Mark Sturtevant, Roxianne Bethune, Charles Robert Bone, Kristen Heggie, Larry Atema, Elisa Putman, Patrick Holcombe, Gary Schalmo, Barbara Solari, Ron Merville, Peter Heidenreich, Ryan Johnson, Sharon Hurt, Debbie Frank, and Charles Starks

Vonda McDaniel opened the meeting and noted there was not a quorum present and that any information presented would be for informational purposes only.

Charles Robert Bone was asked to report on the third party use of the Music City Center. (Attachment #1) There was discussion.

Kristen Heggie reported on the solar project and there was discussion. (Attachment #2)

Mark Sturtevant was asked to give an update on the Omni hotel design.

Gary Schalmo gave a construction update. There was discussion.

With no additional business a motion was made to adjourn. With no objection the Construction & Development committee of the CCA adjourned at 9:39 a.m.

Respectfully submitted,

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Larry Atema
Senior Project Manager
Music City Center

Approved:

_____

Vonda McDaniel, Committee Member
CCA Construction & Development Committee
Meeting Minutes of May 31, 2012

Draft
Permanent Use Evaluation Criteria

1. Is the exhibit consistent with the mission of the MCC?

2. Will the exhibit be complementary to the architecture and interior design of MCC, including its scale, color and texture, visual impact, acoustical impact, weight, and lighting requirements?

3. Will the exhibit celebrate and promote Nashville; is it commemorative and/or does it have a broad cultural significance?

4. Will the exhibit assist with attracting business to the MCC?

5. Will the exhibit be respectful to MCC's customers, and not discriminate or offend on the basis of race, color, religion, sex, national origin, physical handicap or disability, veteran status, age, marital status, creed, ancestry, affection preference or status?

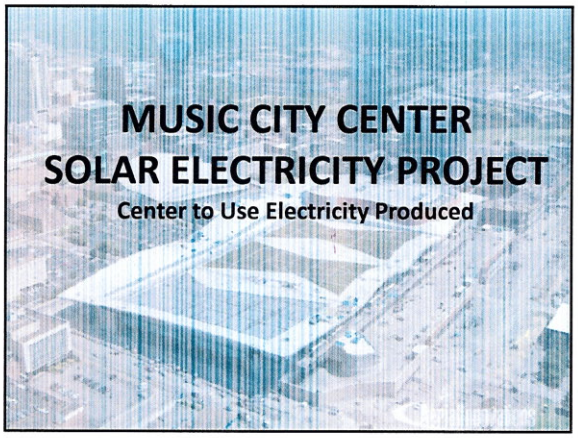
6. What is the cost to the MCC? (Has the financial cost associated with the exhibit been adequately anticipated and funding sources identified?) *All expenses for the proposed exhibit from outside parties shall be the responsibility of the exhibitor/licensor, except in extraordinary circumstances.*

7. What is the maintenance plan? What are the exhibit's maintenance obligations; are they fully understood and how will they be handled?

8. Are any necessary electrical, plumbing and/or other utility requirements defined, available and acceptable?

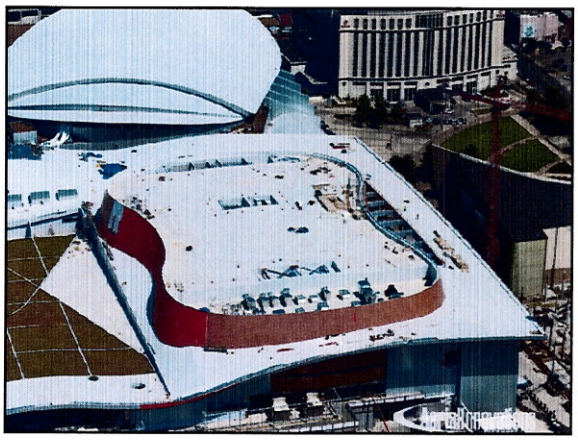
9. Are the safety requirements understood and acceptable? Does the exhibit pose any safety or liability concerns?

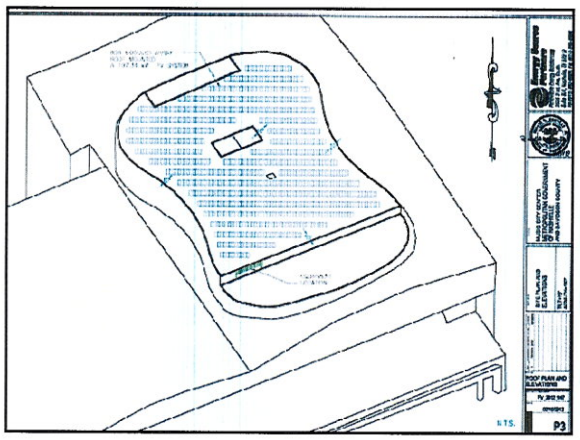
10. What if the exhibitor/licensor goes out of business or otherwise abandons the exhibit?



Background

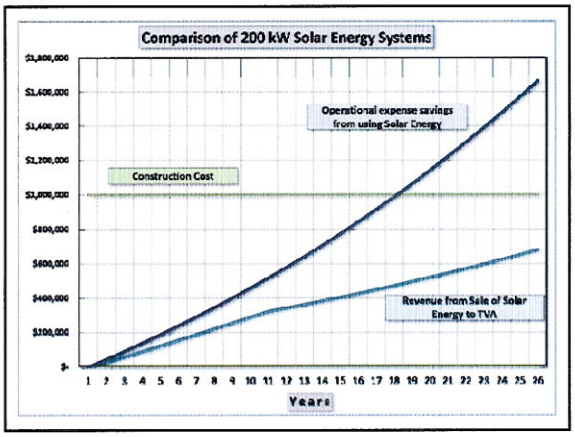
- Size
  - <50kW, 50kW, 100kW, 200kW, >200kW
- System Tie-In
  - Grid-Tied System
  - Load-Tied System
- Financial Return
  - TVA Programs/Financial Incentives
  - Financial Impact of Reduction in Electricity Usage

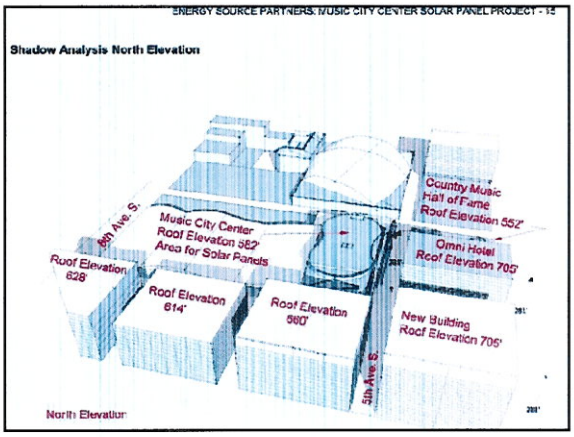
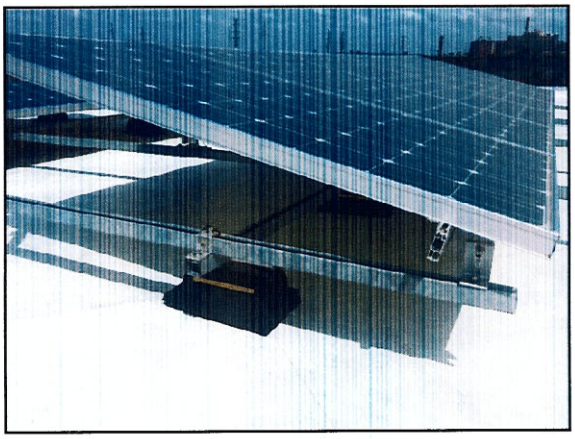




Numbers and Facts

- **Size: Approximately 200 kW System**
- **Load Tied System – Use electricity in the building**
- **Budget: $950,000 – $1,000,000**
- **Electricity produced will feed the electrical room on the 6th floor which powers some HVAC fans and concourse lights**
- **Each panel weighs about 4 lbs. and is about 3.5ft by 5ft in size**
- **The system can sustain winds up to 125mph (F2 tornado)**
- **No roof penetrations**


Comparison of 200 kW Solar Energy Systems
$1,800,000
$1,600,000
$1,400,000
$1,200,000
$1,000,000
$800,000
$600,000
$400,000
$200,000
$-
Operational expense savings from using Solar Energy
Construction Cost
Revenue from Sale of Solar Energy to TVA
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
Years


ENERGY SOURCE PARTNERS: MUSIC CITY CENTER SOLAR PANEL PROJECT - 15
Shadow Analysis North Elevation
8th Ave. S.
Music City Center
Roof Elevation 582'
Area for Solar Panels
Country Music
Hall of Fame
Roof Elevation 552'
Omni Hotel
Roof Elevation 700'
Roof Elevation
628'
Roof Elevation
614'
Roof Elevation
580'
New Building
Roof Elevation 705'
5th Ave. S.
North Elevation