



**NEVADA ENERGY COMMISSIONER
RENEWABLE ENERGY AND ENERGY EFFICIENCY AUTHORITY**

Nevada Renewable Energy Tax Abatement Pre-Application Form
(Please refrain from making any changes to this form)

1. **Pre-application Filing Date:** 5/10/11

2. **Applying for:**

Sales and Use Tax Abatement Only Property Tax Abatement Only Both

3. **Name of business applying for the abatement** (Please attach a copy of the Nevada State Business License issued by the Secretary of State):

FRV Spectrum Solar, LLC

4. **Name of the proposed facility:** FRV Spectrum Solar

5. **Type of Nevada Facility** (please check all that are relevant to the proposed facility):

- Process Heat from Solar Energy
- Geothermal
- Solar PV
- Wind
- Biomass
- Waterpower
- Fuel Cells
- Transmission that is interconnected to a renewable energy or geothermal facility (please include an attachment that describes the transmission facility and its function)
- Transmission that contributes to the capability of the electrical grid to accommodate and transmit electricity produced from Nevada renewable energy facilities and/or geothermal facilities (please include an attachment that describes the transmission facility, anticipated capacity of the transmission allocated for the electricity transmitted from the Nevada Renewable Energy and/or Geothermal Facilities, and the possible Nevada renewable energy and/or geothermal facilities that will be connected to the proposed transmission facility.)

6. **List each county, city, and/or town in which the facility will be built:**

Clark County, NV

7. Describe the primary and other sources of energy for the operation of the facility:

Solar Irradiation

8. Nameplate production capacity of the facility:

37.5 MW DC / 30.0 MW AC

9. Anticipated capital investment amount:

\$115 million

10. Describe how the facility will be financed:

Third Party Non-Recourse Project Finance

11. Will the facility or any portion of the facility be located on residential property?

Yes No (Please describe in attachment if yes)

12. Will the facility be built on (please check all that are relevant to the proposed facility):

- Private Land
- BLM Land
- Other Governmental Entity Land
- Other

Please describe each selected:

311 acres of private land.

13. Will the facility or any portion of the facility be owned, operated, or otherwise controlled by a governmental entity?

Yes No (Please describe in an attachment if yes)

14. Will funding be provided by a Nevada governmental entity for the acquisition, design or construction of the facility or for the acquisition of any land?

Yes No (Please describe in an attachment if yes)

15. Will the facility be receiving or be awarded other abatements or exemptions from the sale/use taxes and property taxes?

Yes No (Please describe in an attachment if yes)

16. How long is it anticipated that the facility will be operational?

25 years

17. Name of the utility of company with which the applicant has a long-term power purchase agreement (PPA) and the length of the agreement (if there is no existing PPA, please include an attachment that describes the plan and phase for the PPA):

NEVADA POWER COMPANY

18. Anticipated first date of purchasing tangible personal property for the project:

DECEMBER 2011

19. Anticipated date or time range for the start of construction:

DECEMBER 2011

20. Anticipated date or time range for the commencement of operation of the facility:

DECEMBER 2012

21. Attach a chart or table for the project phases and provide a short description and timeline for each phase:

PLEASE SEE ATTACHMENT

22. How many full-time construction employees will be employed during the second quarter of the construction and how many of them will be residents of Nevada?

160 EMPLOYEES THE MAJORITY WILL BE LOCAL NV RESIDENTS

23. How many full-time and part-time construction employees are anticipated to be employed during the entire construction phase and how many of them will be residents of Nevada? (Please provide estimated break down for each quarter)

400 FULL TIME + 20 PART TIME, MAJORITY WILL BE NV RESIDENTS.

Q1: 100 FT + 20 PT

Q2: 160 FT + 20 PT

Q3: 400 FT + 20 PT

Q4: 200 FT + 20 PT

24. Anticipated average hourly wage paid to the employees working on the construction of the facility during the entire construction period (excluding management and administrative employees) :

\$36.17 / hr

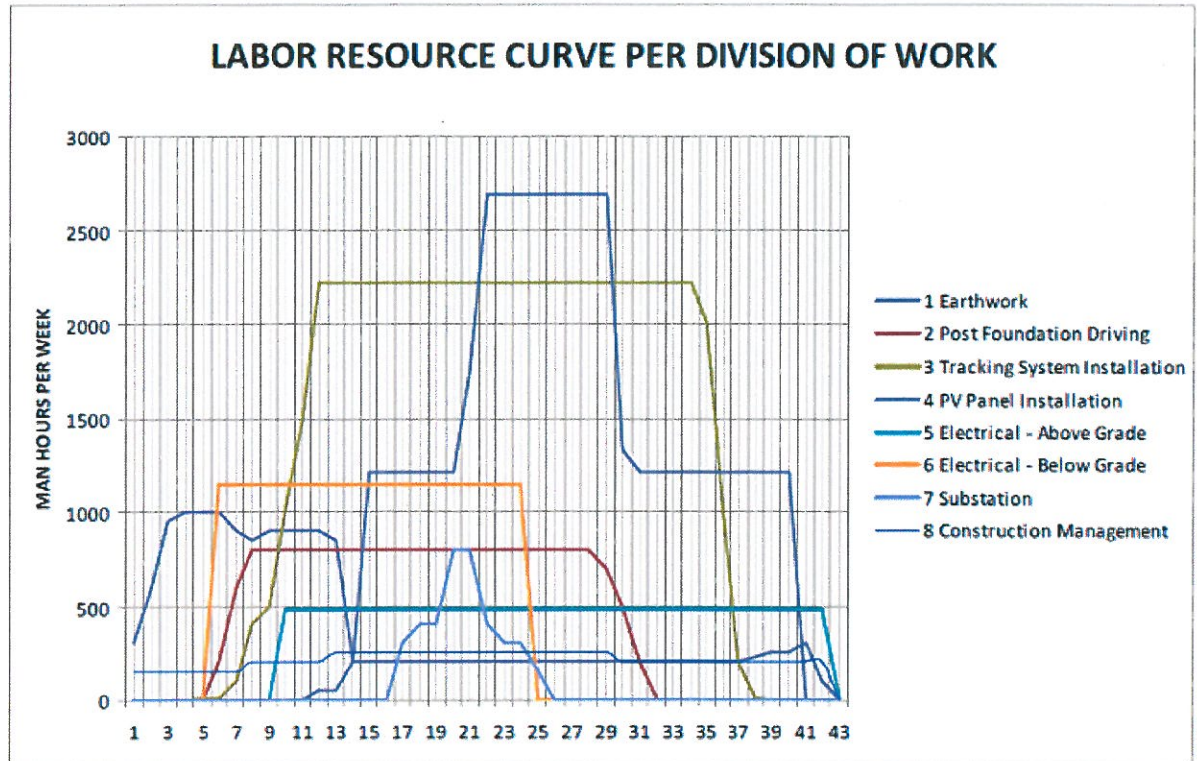
25. How many full-time employees will be employed once the facility is operational?

3-5 FT EMPLOYEES

26. Anticipated average hourly wage paid to the operational employees of the facility :

\$30 / hr

Man Power Curve



- 1- Earthwork: involves all civil work including roads, grading,
- 2- Post foundation driving refers to the structural piles that support the solar tracking system
- 3- Tracking system installation will involve the mechanical structure mounting
- 4- PV Panels installation refers to the mounting of the solar panels on the tracker structure
- 5- Electrical above grade refers to all the DC cabling, combiner box setup, inverters and MV transformers work
- 6- Electrical below grade refers to all the cabling in trenches on the DC and AC side
- 7- Substation work involves all transformer, switchgear, protection work on the high side
- 8- Construction management refers to all managerial activities required to deliver the project.

Statewide wage thresholds available at <https://www.nevadaworkforce.com/article.asp?ARTICLEID-2786>

27. Will health insurance plan for construction employees with an option for dependents be offered to all construction employees?

Yes No (Please describe if yes)

General Contracting will provide Health Care

28. Name, address, telephone number and e-mail of a designated representative(s)

(Please list at least one technical person who is familiar with the proposed facility)

MICHAEL LICHTENFELD, Director of Development - 415-229-8867
AMINE ALAMI, Sr. Manager of Technical - 415-229-8874

29. Name, address, telephone number and e-mail of a designated attorney (if any):

I, JOSE BENJUMEA, by signing this Pre-Application do hereby attest and affirm under penalty of perjury to the following:

- (1) I have the legal capacity to submit this Pre-Application on behalf of the applicant;
- (2) I have prepared and am personally knowledgeable regarding the contents of this Pre-Application; and
- (3) The contents of this Pre-Application are true, correct, and complete.

SIGNATURE

3/10/11

DATE

JOSE BENJUMEA, PRESIDENT, FTV
NAME AND TITLE (Please print)