

#### **Presentation Overview**

Dundee overview

Geothermal development and cost timeline

Investor risk and financing options for each stage



### **Dundee Corporation Overview**

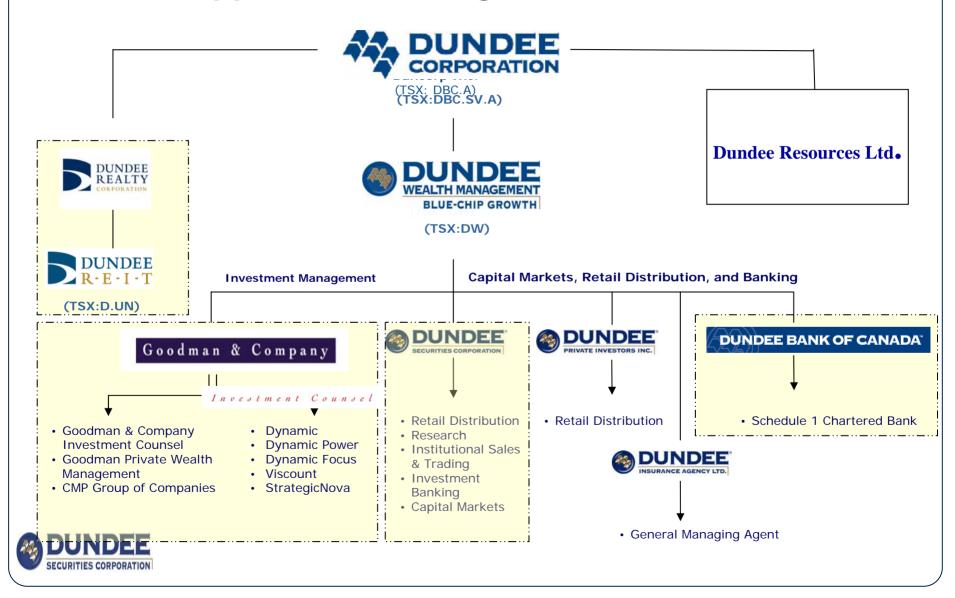
#### Wealth Management, Resources & Real Estate

- Dundee Corporation (TSX:DBC.SV.A) is a holding company dedicated to wealth management and financial services, resources and real estate
- Current market capitalization is approximately \$1.3 billion
- Domestic financial services activities are carried out through a 64%owned subsidiary, Dundee Wealth Management Inc. (TSX:DW)
- Resource activities are conducted through wholly-owned Dundee Resources Ltd., which owns 21% of Dundee Precious Metals Ltd., 19% of Breakwater Resources and 51% of Eurogas Corporation
- Real estate activities are carried out through its 86%-owned Dundee Realty Corporation and 30%-owned Dundee REIT, which owns approximately 16 million square feet of properties
- International financial services businesses are conducted in Bermuda and the Cayman Islands through the Dundee Bank
- Dundee Bank of Canada is a Schedule I bank with almost \$2 B in deposits

# The Dundee Family



#### The Full Support of an Integrated Financial Partner



# Dundee Securities Corporation Involvement In the Alternative Energy Market

- ➤ Over the past 3 years, Dundee has been the lead underwriter for over \$250 million and a syndicate member for in excess of \$1.1 billion in capital transactions within the alternative power sector
- **▶** \$150 MILLION OF CAPITAL RAISED FOR GEOTHERMAL POWER PROJECT DEVELOPERS
- Dundee has a focused mandate to provide aftermarket support for its alternative power universe
- ➤ Within the alternative power sector, Dundee has acted as an underwriter/advisor and as a principal investor for select transactions

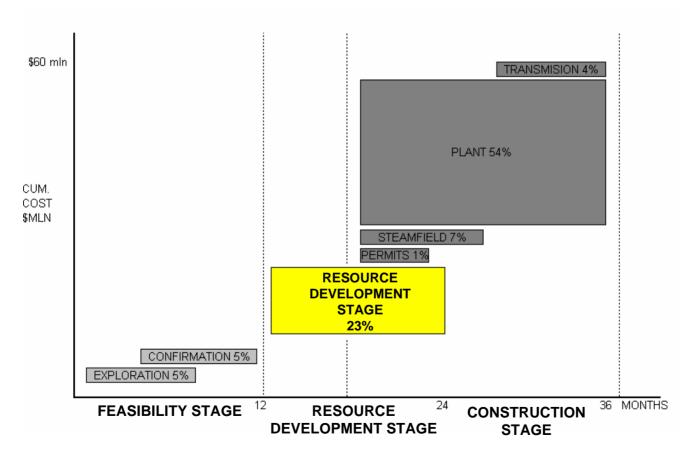


# **Geothermal Development and Cost Timeline**



# **Capital Cost and Timeline**

20 MW example (approx \$3 million per MW to build)





# Feasibility Stage

## Milestones / Financing

- 1. Secure land lease rights (license for 1% to 5% of revenue)
- 2. Conduct geologic surveys to determine the size, location and temperature of the resource mapping, testing, slim holes
  - Slim holes or temperature gradient well drilling (300' to 1,500') \$150,000 to \$800,000 per well (3 to 10 wells required)
- 3. Drill and test exploration/production well \$2 \$5 million per well
- 4. Drill confirmation wells/injector usually about ½ the required resource for the project, i.e. for 20MW = 2 production wells, 1 injector \$2 \$5 million per well
- Approx \$7-\$10 million+ of capital required (the 20 MW example) or 10% of budget
- Financed usually with equity from personal resources, industry partners (farm-in), private equity and/or grants such as from the DOE



# **Resource Development Stage (Drilling)**

#### **Milestones / Financing**

- Produce Feasibility Study which provides data for plant design
- Drill remaining producers and injectors.
  - Each well will cost \$2 million to \$5 million
- Production flow tests are conducted to assess resource economics
  - **Temperature of resource**
  - Flow per well
  - Fluid chemistry
- Approx \$15 million capital required at this stage
  - **Equity** 
    - Public equity available but subject to market forces
    - Private equity available, but can be expensive
    - Debt capital not easily available at this stage





# **Construction Stage (post feasibility)**

### Milestones / Financing

- A feasibility study should enable:
  - permitting
  - the PPA
  - Traditional project finance debt financing of approx 70% the other 30% will be raised as equity, private or public
- Costs include: Permits \$1 million, plant \$32 million, Steam gathering system \$4mm, transmission line and tie-in \$2mm, financing and "soft costs"
- Approx \$35-\$40 million required at this stage
  - A combination of equity, debt and tax-driven financing
- Tax-driven deal / Production Tax Credit \$19/MWh tax credit
  - Allows developer to monetize full tax benefits which might expire worthless
  - Utilize flip structure to transfer tax benefits to a taxable investor
  - The federal incentives (PTC) form part of the return to the taxable investor and thereby reduces the borrowing cost to the project
  - Other incentives include Accelerated depreciation, Depletion allowance & First year write-off of intangible drilling costs



# **CONCLUSIONS**

- ➤ There is capital available in the market for experienced/capable developers with solid resource prospects
- TAX AND OTHER INCENTIVES AT THE FEASIBILITY AND RESOURCE DEVELOPMENT STAGES ARE ESSENTIAL TO ATTRACTING RISK CAPITAL AND DRIVING GEOTHERMAL DEVELOPMENT IN THE U.S.!



# **Alternative Power Expertise**

#### Recent Power Financings



Co-Manager





Lead Underwriter

# **Alternative Power Expertise**

#### Recent Power Financings

\$122,000,000 \$15,000,000 \$4,000,000 \$5,000,000 **Project Equity** Common Share Issue Common Share Issue Common Share Issue Lead Underwriter Co-Arranger Lead Underwriter Lead Underwriter \$3,400,000 US\$34,000,000 \$10,000,000 \$10,000,000 **USG**eothermal Run of River Power Inc. **USG**eothermal FINAVERA RENEWABLES 100 RTO and Common Share **Project Equity** Common Share Issue Common Share Issue Issue Lead Underwriter Co-Manager Co-Manager Co-Manager



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