

ORDER NO. 04-682

**SIGNATORY PAGE**

DOCKET NO. UE 170

**I. Consent to be Bound-**

This Protective Order governs the use of "Confidential Information" in this proceeding.

Henwood Energy Services, Inc.

d/b/a Global Energy Decisions agrees to be bound by its terms of this Protective Order.

By:

[Signature] For  
Signature & Printed

3-2-05  
Date

Derek Porter, Sr VP

**II. Persons Qualified pursuant to Paragraphs 3(a) through 3 (d)**

\_\_\_\_\_ identifies the following person(s) automatically qualified under paragraph 3(a) through (d).

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**III. Persons Qualified pursuant to Paragraph 3(e) and Paragraph 10.**

I have read the Protective Order, agree to be bound by the terms of the order, and will provide the information identified in paragraph 10.

By:

  
Signature & Printed

ADRIAN CHIOSEA  
PROJECT MANAGER

2/25/05

Date

By:

  
Signature & Printed

Erik Skaden  
SENIOR CONSULTANT

03/01/05

Date

By:

Signature &amp; Printed

Date

By:

Signature &amp; Printed

Date

# 1 COMPANY BACKGROUND

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## 1.1 OVERVIEW

Global Energy Decisions (Global Energy) provides the energy industry with software solutions, energy markets data, advisory services and strategic consulting that are based on a common framework and enable industry professionals to make better economic and strategic decisions. Our customers rely on our solutions to:

- Forecast electricity pricing and demand
- Conduct resource planning
- Manage risk
- Trade energy and schedule delivery
- Value assets
- Optimize generation performance.

Global Energy has worldwide relationships with nearly 400 energy market participants, generators, transmission firms, load serving entities, co-operative enterprises and the firms that finance, analyze and consult to them. This includes upwards of 175 installed software clients and 50 installed database clients, positioning the company as a category leader in electric market simulation, planning and risk and operations products serving the energy industry.

Privately held and headquartered in Boulder, CO, Global Energy has regional offices in Sacramento, CA, Columbus, OH, Kansas City, MO, London, England and Brisbane, Australia.

## 1.2 EXPERIENCE

Since 1985, Global Energy and its predecessor companies (i.e. Henwood) have been a trusted advisor performing over 2,500 project assignments for energy industry participants worldwide. Since 1997 alone, we have provided independent market opinions for over \$17 billion in short and long-term project financing of more than 70,000 MW of energy projects.

Global Energy's personnel are economists, programmers, financial analysts, and civil, electrical, mechanical, software and systems engineers all focused on serving the energy industry. Our staff brings to bear thousands of years of experience, more than 85 advanced degrees and 15 Ph.D.'s and experience in working with almost every major energy industry participant domestically and abroad. Our management personnel have been involved in the energy business, technology, and information fields for decades.

Global Energy is committed to significant R&D investments. During 2003 and 2004 R&D spending comprised 35% of our revenues. While we have distinct software, data and information services, advisory services and strategic consulting offerings, each offering is based on an integrated, common framework of energy markets data and industry-leading simulation and analytics software platforms.

### 1.3 ADVISORY SERVICES AND STRATEGIC CONSULTING

Since 1985, Global Energy Advisors (Henwood Consulting) has been a trusted advisor leveraging our software and data solutions to offer strategic consulting services in Power Market & Transmission Analysis, Energy Portfolio Risk Analysis & Resource Planning, Asset Valuation & Project Finance, and Global Fuels Analysis.

Our advisory services utilize the advanced analytics methodology in our EnerPrise software across seventy five North American price zones to produce the *Power Markets Advisory Service*, the industry standard long term electricity and gas price forecast that is updated every six months.

Investors, lenders, banks and rating agencies like Fitch Ratings rely on Global Energy Advisors' independent opinions on project financing and restructuring.

### 1.4 SOFTWARE

Global Energy's EnerPrise software solutions are based on a shared data model and database business objects, a common object model, and a user interface that provides shared operating database for use of application modules. Our simulation engines, PROSYM, MIDAS, and Cougar are the most broadly adopted in the industry today.

EnerPrise software utilizes state-of-the-art technologies and processes, including:

- Stochastic technology
- Chronological power systems simulation engine
- Sequential linear programming algorithm
- Dynamic programming algorithm
- Finely tuned RDBMS for large volume transactions
- Latin Hypercube for scenario analysis
- OLAP reporting engine
- .NET framework for n-tier platform

Energy companies deploy our software modules and components in various configurations to meet their market analytics, risk and planning, and operations needs. These configurations vary from using a single module to managing all primary energy market interactions using multiple modules. Customer support is coordinated through a corporate-wide tracking system. New product development is closely coordinated with existing customers.

### 1.5 DATABASE AND INFORMATION SERVICES

Global Energy delivers energy markets databases and analytics to energy market participants. The *Velocity Suite* is our comprehensive electric power, fuels and market databases providing statistical and geographic energy markets data. *Virtual Analysts* are fast-query tools providing statistical and geographic information to reveal the players and the workings of energy markets.

The *Velocity Suite* also provides simulation ready data, enabling users of our market analytics software to drive their models utilizing one consistent platform for historic and forecast data and analysis. Unlimited customer support is provided to *Velocity Suite* users and data updates are provided weekly and monthly.



**DEPARTMENT OF JUSTICE**  
GENERAL COUNSEL DIVISION

March 3, 2005

Public Utility Commission of Oregon  
Attn: Filing Center  
550 Capitol Street, NE  
PO Box 2148  
Salem, Oregon 97308-2148

Re: UE 170

Filing Center:

Enclosed for filing please find a signatory page for OPUC Order No. 04-682, the protective order issued in Docket No. UE 170. Staff of the Public Utility Commission of Oregon has contracted with Henwood Energy Services, Inc., dba Global Energy Services, to provide services in connection the staff's review of PacifiCorp's filing in UE 170. The Senior Vice President of Global Energy Services has executed the Consent to Be Bound portion of the protective order, and two employees of Global Energy are listed as qualified persons to receive confidential material.

Attached to the signatory page is information regarding Global Energy as required by Section 10.e. of Order No. 04-682.

Thank you for your attention.

Very truly yours,

Stephanie S. Andrus  
Assistant Attorney General

Enc.  
c. Service List

CERTIFICATE OF SERVICE

I hereby certify that on the \_\_\_\_\_ day of March 2005, I served the within Signatory Page upon the persons listed below, by electronic mail, and by then depositing in the United States Post Office at Salem, Oregon, a full, true and correct copy thereof addressed to:

RATES & REGULATORY AFFAIRS PORTLAND GENERAL ELECTRIC RATES & REGULATORY AFFAIRS 121 SW SALMON STREET, 1WTC0702 PORTLAND OR 97204 pge.opuc.filings@pgn.com	JIM ABRAHAMSON COMMUNITY ACTION DIRECTORS OF OREGON 4035 12TH ST CUTOFF SE STE 110 SALEM OR 97302 jim@cado-oregon.org
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and prepaying the postage thereon.

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Stephanie S. Andrus, #92512  
Assistant Attorney General  
Of Attorneys for Defendant