

DOCKET

08-AFC-10

DATE DEC 16 2009

RECD. DEC 16 2009


December 16, 2009

California Energy Commission
Docket Unit
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: **LODI ENERGY CENTER FOGGING FREQUENCY CURVE
DOCKET NO. (08-AFC-10)**

Enclosed for filing with the California Energy Commission is the original of the
LODI ENERGY CENTER FOGGING FREQUENCY CURVE, for the Lodi Energy
Center Docket No. (08-AFC-10)

Sincerely,

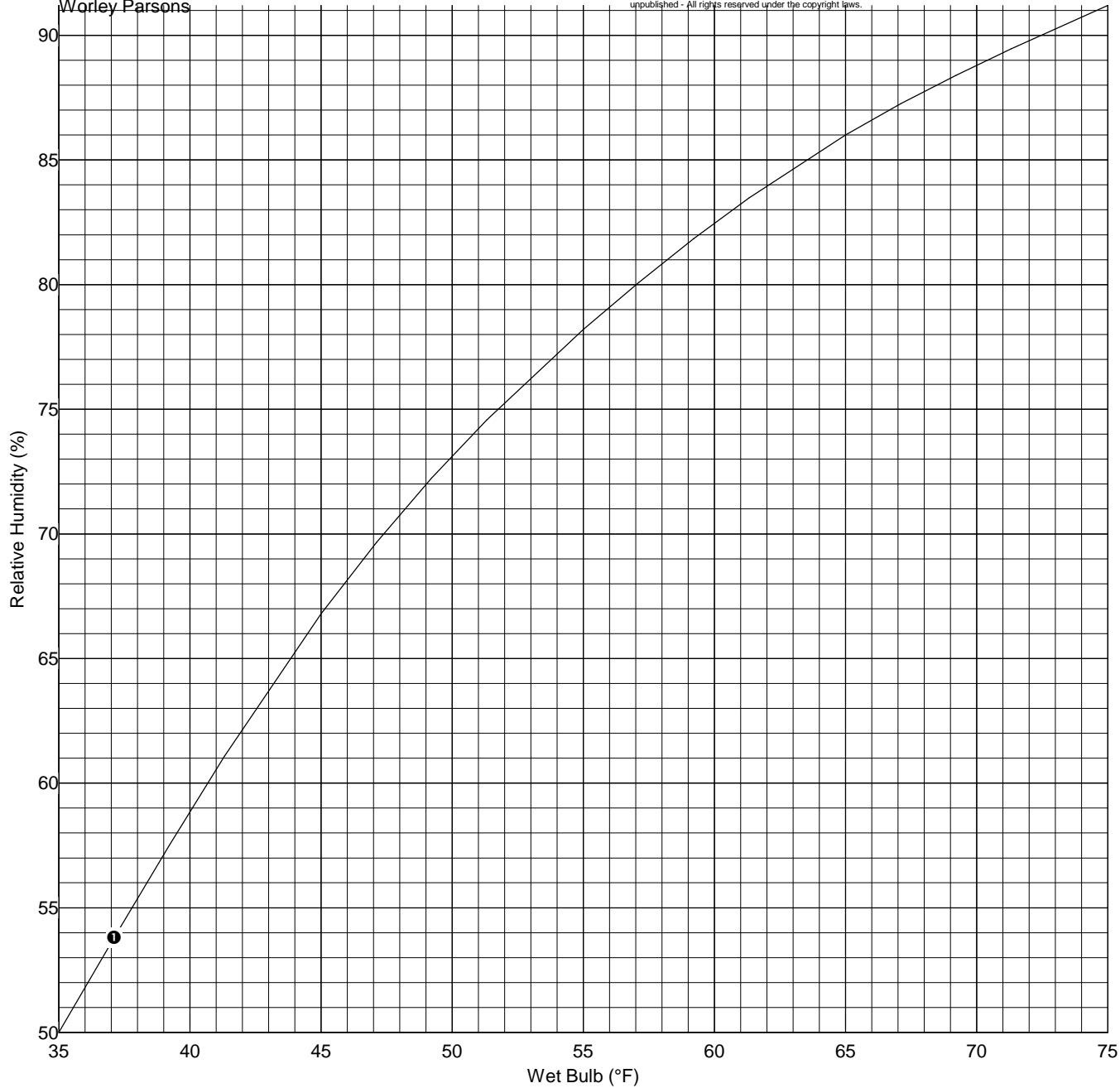


Robert A Gladden
Counsel to NCPA

Estimated Fogging Frequency Curve
 Lodi Project, Lodi, CA
 Worley Parsons

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SPX Cooling Technologies
 TRACS Version 18-SEP-08



Model F478-6.0-7
 Number of Cells 7
 Motor Output 241.7HP
 Motor RPM 1800
 Fan 336HP7-9
 Fan RPM 146
 (Full Speed)

Design Conditions:
 Flow Rate 69000GPM
 Hot Water 95.50°F
 Cold Water 75.50°F
 Wet-Bulb 68.90°F

Curve Conditions:
 Fan Pitch Constant
 Flow Rate 69000GPM
 (100% Design Flow)

Tangency 100.0%

FOGGING FREQUENCY CURVE: The curve shown to the left is referred to as a Fogging Frequency Curve. The Fogging Frequency Curve separates entering cooling tower conditions that produce fog at the discharge (Top-Left region of chart) from those that do not produce fog (Bottom-Right region of chart)

● 20 °F Range



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228- WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION
FOR THE *Lodi Energy Center*

Docket No. 08-AFC-10

PROOF OF SERVICE
(Revised 2/17/09)

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DECLARATION OF SERVICE

I, Ashley Y Garner, declare that on December 16, 2009, I served and filed copies of the attached **LODI ENERGY CENTER FOGGING FREQUENCY CURVE** dated **August 13, 2009**. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:

[www.energy.ca.gov/sitingcases/lodi/index.html].

The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

For service to all other parties:

sent electronically to all email addresses on the Proof of Service list;

by personal delivery or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

For filing with the Energy Commission:

sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (*preferred method*);

OR

depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 08-AFC-10
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.



Ashley Y. Garner