

CENTRAL BOARD OF IRRIGATION & POWER

OFFICE BEARERS

President	:	Mr. A.B. Pandya , Chairman, CWC
(i) Vice President	:	Mr. Major Singh , Chairperson, CEA
(ii) Vice President	:	Mr. K.S. Popli , CMD, IREDA
(iii) Vice President	:	Mr. Ashok Sethi , COO & ED, Tata Power
Secretary	:	Mr. V.K. Kanjlia
Director	:	Mr. P.P. Wahi
Director (WR)	:	Mr. A.C. Gupta
Director (E)	:	Mr. C.S. Malik



- The statements and opinions expressed in this Journal are not necessarily of Central Board of Irrigation & Power.
- Reproduction of articles from Water and Energy International is subject to approval of the Editor.
- Interested authors from India and abroad are requested to contribute their articles to this Journal and send the same to Secretary, Central Board of Irrigation & Power, well in advance.

All communications should be addressed to :

Secretary

Central Board of Irrigation & Power
Malcha Marg, Chanakyapuri
New Delhi 110 021

Ph. : 91-11-2611 5984

Fax : 91-11-2611 6347

E-mail : cbip@cbip.org

Website : www.cbip.org

Total Pages 84

Monthly Subscription ₹ 200/-
Annual Subscription ₹ 2400/-

FROM EDITOR'S DESK

V.K. Kanjlia, Secretary, CBIP 5

Energy Section

Role of HVDC Transmission in India –
Introductory Paper 6

NEWS LETTER

CIGRE International Tutorial & Colloquium on
“HVDC & STATCOM” – 24th–26th September,
2015, Agra, India Report and Recommendations 13

Training Programme on Current Practices in
Power System Protection Conducted at –
KPCL, BBMB & OPTCL 22

W&E INTERNATIONAL

• *Energy Section*
– Discom Problems & Rescue Plans 28

INTERNATIONAL EDITORIAL ADVISORY BOARD

V.C. Patel - Distinguished Professor and Director,
University of IOWA, U.S.A.

Donggi Zuo - Prof. & President's Advisor of Hichai University,
Ministry of Water Resources, People's Rep. of China,

K.G. Ranga Raju - Former Professor of Civi. Engineering
University of Roorkee (Now IIT Roorkee)

Secretary General, CIGRE, France,

Jose M. Martin Mendiluce - Doctor Ingeniero de
Caminos ASINC, S.L., Spain,

Alison Bartle - Editor, Aqua-Media International Ltd.,
United Kingdom.

Publisher, Printer and Editor Shri V.K. Kanjlia on behalf of Central Board of Irrigation and Power, Printed at M/s Chandu Press, D-97, Shaktipur, Delhi, published from Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021

W&E INTERNATIONAL• *Water Resources Section*

- Status of Tannery Effluent in Ganga River Basin – *Shyamli Singh, Lolita Pradhan, V.K. Sharma and Usha Mujoo Munshi* 47
- Commercial Viability of New Hydro Projects in Arunachal Pradesh, India : A Discussion – *Ranendra Sarma* 53
- Environmental Tracer Techniques in Groundwater Investigations – *Gopal Krishan* 57
- Basin Planning for Water Resources Development using Web-enabled GIS-based TN-WRIS, Tamil Nadu – *S.S. Rajagopal and D. Pannaeriselvam* 64

STATISTICAL DATA

- *Water Resources Section* 71
- *Energy Section* 73

WATER & ENERGY ABSTRACTS*

- *Energy Section* 75
- *Water Resources Section* 76


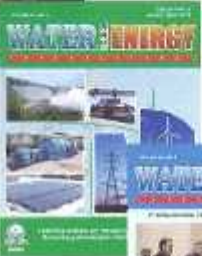

FAR & NEAR IN WATER AND ENERGY

- *News - Energy Section* 78
- *News - Water Resources Section* 80

BOOK ADVERTISEMENT TODAY

IN CBIP W&E INTL. JOURNAL

(Monthly Issue)

Tariff

Back Cover	Rs. 35,000/-*
2nd /3rd Cover	Rs. 25,000/-*
Inner Pages	Rs. 15,000/-*

* Service tax extra @ 12.08%

For Advertisement Please Contact:
Secretary
Central Board of Irrigation & Power
Malcha Marg, Chanakypuri, New Delhi 110 021
Ph. :91 - 11 - 2611 5984, Fax : 91 - 11 - 2611 6347
E-mail: cbip@cbip.org