

# COMPANY PROFILE

## VIDYUT INDUSTRIES

*Pioneers in Dam Automation*

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Odhav, Ahmedabad- 382415  
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+91-9898917744

Email : [vidyut\\_gate@yahoo.com](mailto:vidyut_gate@yahoo.com)  
[www.damautomation.com](http://www.damautomation.com)



## About us

More than 30 years of service in field of Automation Remote Indication and Controls, we provide total automation solutions like Design, Development , Manufacturing, Installations and Maintenance of the Equipment delivering the Turn Key Solutions.

Managed by Engineers having more than 40 years of experience blended with young innovative execution team to attain to the customer's need.

We are well-positioned to provide leading edge solutions for Reservoir Water Level Measurements, Dam Automation & Specialized Automation – Control Equipments with Remote Data Transmission with Remote control.

# Mission & Vision

## Mission

- Dynamism is a key word for us to deliver the latest in Automation Remote Control technology to do the Development in house to give a long service life support to suit to the customer requirement.
- To achieve excellence in product Performance.
- To exceed our customer's expectations.

## Vision

- To build a corporation that will grow in tandem with international development.
- To establish a reputation of quality service and products while maintaining competitive price.

# Our Strength and Capabilities

- Total solution provider for custom built design .
- Original Equipment Manufacturer with total Indigenous Design.
- Installation and commissioning support
- Full service backup up to life time of equipment .
- Maintenance backup and product Up-gradation services provided even for 25 years old equipment supplied .
- Components for automated assembly, wiring and handling
- Turnkey project for Automated Machines & System
- After sales service support.

# Products

- **MECHANICAL DIAL INDICATOR**
- **REMOTE WATER LEVEL INDICATOR**
- **REMOTE CONTROL PANELS FOR HYDRAULIC HOIST**
- **MOTOR CONTROL CENTER**
- **POWER DISTRIBUTION PANEL**
- **REMOTE GATE POSITION INDICATOR**
- **AUTOMATIC DAM CONTROL SYSTEM**
- **PLC AND SCADA AUTOMATION**
- **PLC CONTROLLED PANELS**
- **AUTOMATIC PUMP CONTROLS**
- **FLOAT SWITCH**
- **AUTOMATIC PUMP CONTROL**
- **DIGITAL TIMERS**
- **V-TONE HOOTER**
- **SINGLE PHASING PREVENTER**
- **ANNUNCIATOR WINDOW**
- **ELECTRONIC FLASHERS**
- **SPECIAL RELIABLE AND MAINTAINANCE FREE EARTHING SOLUTIONS FOR DAMS, POWERSTATIONS, INDUSTRIES, ETC .**
- **LIGHTENING PROTECTOR**
- **4 - 20 MA CONVERTER:- CONVERTS VOLTAGE, TEMPERATURE INTO CURRENT SIGNAL.**

# Major Projects Executed

## Some of the major projects Where Our Water Level Indicating Equipment are Supplied are as under:

### **(1) Purulia Pump Storage Project, West Bengal : Year 2007 .**

Measurement of Water Level of Upper Dam and Lower Dam and transferring through Fiber Optic Cable to Switch Yard Control Room at distance of 9 KM and connecting to Turbine Control PLC.

### **(2) Tehri Hydro Development Corporation , Tehri , Uttranchal.**

120 meter Measurement of Water Level for the Reservoir and Displaying in Remote Control Room with RS232 output along with Datalogger with hard copy on Paper.

### **(3) Kurichu Hydro Electric Project, Bhutan. Year 1998 – 2000.**

Measurement of Water level for Dam Upstream, Tail Race Level and Displaying at Dam Control Room and transmission to Remote Display in Power House Control Room on 90 mm large display.

### **(4) Baspa HEP, Himachal Pradesh in the year 2000.**

### **(5) ALLMITY Dam , Karnataka in the year 2002.**

### **(6) Ranganadi Hydro Electric Project , Arunachal in year 1998.**

Measurement for Water Level for the Diversion Dam and Displaying in Dam Control Room with output signal of 0 to 10 VDC.

### **(7) Bisingspur HEP, MPEB, Shedol in the year 1994.**

### **(8) Tanakpur Hydro Electric Project : Year – 1991.**

**Service Back-up provided till 2006 and continued.**

Measurement for Water Level and Displaying in Barrage Control Room complete with Remote control system for 22 nos. Barrage gates & 6 nos. Power Channel gates.

# Major Projects Executed

**Some of the major projects where we have supplied our Control equipments are as under:**

- (1.) 14 Gates of Mahanadhi Project, Raipur, M.P.
- (2.) 24 Gates of Behar Project, M.P.E.B(M.P)
- (3.) 21 Gates of Bargi Reservoir Project, via.Jabalpur, M.P.
- (4.) 8 Gates of Dev Project, via Halol, Gujrat
- (5.) 13 Gates of Somsil Project, A.P.
- (6.) 13 Gates of Som-Kamla Project, Rajasthan.
- (7.) 13 Gates of Tawa Reservoir Project, Via.Itarsi, M.P
- (8.) 18 Gates of Bisalpur Irrigation Project, Rajasthan.
- (9.) 87 Gates for Sardar Sarovar, Narmada Main Canal from 13 Km to 263 Km.
- (10.) 28 Gates of Tanakpur Barrage, NHPC, U.P.
- (11.) 7 Gates for Owen Falls, Project, Uganda.
- (12.) 9 gates of Kaka Saheb Gadgil Project, Mandson, M.P
- (13.) 10 Gates of Madikheda project, MP
- (15.) 33 Gates Goshikurd Irrigation Project, Maharashtra
- (16.) 12 Gates, AD Hydro, Himachal Pradesh

# Certificates and Testimonials

FROM : KPA(BRANC- OFFICE MONGAR)

PHONE NO. : 9754 744145

Jul. 23 2004 06:19AM P01



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**KURICHHU HYDRO POWER CORPORATION LTD.**  
(A Royal Government of Bhutan Undertaking)  
OFFICE OF THE CHIEF ENGINEER


HQs: Gyalpozhing  
Mongar, Bhutan  
Tel: 04-744208/744161  
Fax: 04-744130/744145  
Email: khpc@dnuknef.bt

KHPC/O&M/PH-EM/F...../2004/ 410

Date: 19/07/04

## TO WHOM IT MAY CONCERN

This is to certify M/s. Vidyut Industries, Mumbai-Ahemdabad, have manufactured and supplied Digital Water Level Indicator and remote reservoir water level Indicator for Kurichhu Power House. The Digital level Indicator supplied and Installed for main reservoir since 2001 and for tailrace water level remote indicator for powerhouse are working satisfactorily.

  
CHIEF ENGINEER

Chief Engineer  
Kurichhu Hydro Power Corporation  
Gyalpozhing : Bhutan



# Certificates and Testimonials

## **mitsui & co., ltd.** **Purulia Power Office**

PROJECT OFFICE: THE METROPOLITAN CENTRE, HOTEL NIKKO, BANGLA SAHIB ROAD, NEW DELHI 110001  
PROJECT SITE OFFICE: A-1 MODULE, D-QUADRANT, 2<sup>ND</sup> FL. CYBER TOWERS, HITEC CITY, MADHAPUR, HYDERABAD 500 081

24/12/2007


### **To whom so ever it may concern**

This is to certified that M/s. Vidyut Industries has carried out Supply, Erection, Testing & Commissioning work of Remote Indication of Water Level for Upper Dam & Lower Dam for our 2 \* 225 Mw Purulia Pumped Storage Project thru Mitsui & Co. Ltd. For West Bengal State Electricity Distribution Company Limited, Purulia West Bengal in the year 2006-07.

The total works executed value is Rs. 2,697,549.00.

The system is working satisfactorily since its commissioning.

For Mitsui & Co. Ltd.

  
Sanjay Kumar  
Asstt. Project Manager

# Certificates and Testimonials

## TO WHOM SO EVER CONCERN

This is to certify that Remote Control Panel and Digital Gate Position Indicators, supplied and installed for 21 Nos. Radial Gates of Bargi Dam in the year 1989 by M/s. VIDYUT INDUSTRIES, MUMBAI, is working satisfactorily. The equipments are serviced and repaired regularly as and when required by the Department.



TRUE COPY

*S.S. Shah*  
(SMT. S. J. SHAH)  
A. O. & D.D.O.  
CIT, GANDHINAGAR,  
AHMEDABAD.

*M.K. Veshwara*  
07/10/04  
Executive Engineer,  
EPA Division No. 2  
Bargi Nagar.

# PHOTO-GALLERY

## POWER DISTRIBUTION PANEL



## REMOTE PENSTOCK GATE OPERATION



## PLC BASED HYDRAULIC HOIST PANEL



## REMOTE INDICATION PANEL



## AUTOMATIC DAM CONTROL SYSTEM

