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SARI / Energy

# Training on Metering Technologies and Systems

May, 17 – 29, 2010  
YMPL, Udaipur, Rajasthan,  
India



Yadav Measurements



<b>WEEK 1</b>	<b>May, 17 - 22, 2010</b>
<b>Day 1</b>	<b>Monday, May 17, 2010</b>
09:00 - 09:30	Registration and Introduction
09:30 – 11:00	Refresher Course on Electrical Fundamentals by Mr. B. M.Vyas, AGM, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Measurements of Power in 3 Phase & 1 Phase Circuit by Mr. Kiran Kelapure, Manager, Yadav Measurements Pvt. Ltd.
13:00 – 14:00	Lunch
14:00 – 15:45	<b>Demonstration/Hands-on</b> of Basic Meter Types and Connections by Mr. N. K. Bhati, Managing Director , and Mr. Uttam Jain, Technical Associate, Yadav Measurements Pvt. Ltd.
15:45 – 16:00	Tea Break
16:00 – 17:30	<p style="text-align: center;"><b><u>Inauguration</u></b></p> <p><b>Welcome Address:</b> Mr. Manish Joshi, Manager – Marketing, Yadav Measurements Pvt. Ltd.</p> <p><b>Opening Remarks:</b> Mr. S. Padmanaban, Director SARI/Energy, USAID/India</p> <p><b>Inaugural Address:</b> Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd.</p> <p><b>Vote of Thanks</b> : Mr. Michael Hajny, Chief of Party, SARI/Energy, PA Consulting Group</p> <p><b>Group Photograph</b></p>
<b>Day 2</b>	<b>Tuesday, May 18, 2010</b>
09:30 – 11:00	Import and Export of Electrical Energy by Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Lecture on Electromechanical & Static Metering Technology by Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd.
13:00 – 14:00	Lunch
14:00 – 15:30	Session Continued....
15:30 – 15:45	Tea Break
15:45 – 17:30	Static Meter Hardware Demo and Visit to Meter Manufacturing Unit by Mr. B.M.Vyas, AGM, & Mr. Sunil Harkawat, Scientist, Yadav Measurements Pvt. Ltd

<b>Day 3</b>	<b>Wednesday, May 19, 2010</b>
09:30 – 11:00	Lecture on Metrology ,Calibration and Testing of Energy Meters by Mr. B. M. Vyas, AGM, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Visit to Calibration & Testing Laboratory and its demonstration by Mr. Sanjay Khemnar ,Scientist, Mr. Raguvendra Dewra ,Scientist, Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....
<b>Day 4</b>	<b>Thursday, May 20, 2010</b>
09:30 – 11:00	Lecture on Meter Installation Practices and field testing by Mr. Kiran Shrikant Kelapure, Manager , Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Practical demonstration of the Installation practices and field testing by Mr. Jatin Nandwana , Scientist , Mr. Ravi Nandwana, Scientist, Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....
<b>Day 5</b>	<b>Friday, May 21, 2010</b>
09:30 – 11:00	Lecture on Instrument transformers by Mr. Kiran Shrikant Kelapure, Manager , Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Onsite /field testing of Instrument transformers & Meter by Mr. Kiran Kelapure, Manager & Mr. Jatin Nandwana , Scientist , Mr.Ravi Nandwana, Scientist, Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 6</b>	<b>Saturday, May 22, 2010</b>
09:30 – 11:00	Good Laboratory Practices and Laboratory Management by Mr. B. M. Vyas, AGM, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Demonstration of Good Laboratory Practices and Laboratory Management by Mr. Sanjay Khemnar ,Scientist , Mr. Raguvendra Dewra Scientist, Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....
<b>WEEK 2</b>	<b>May, 24 - 29, 2010</b>
<b>Day 7</b>	<b>Monday, May 24, 2010</b>
09:30 – 11:00	Lecture on Energy Metering Standards by Mr. B. M. Vyas, AGM, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Demonstration of Acceptance tests by Mr. Uttam Jain ,Technical Associate , Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 8</b>	<b>Tuesday, May 25, 2010</b>
09:30 – 11:00	Lecture on Software Features of Static Energy Meters by Mr. B. M. Vyas, AGM, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Demonstration of Software functional features of Energy Meter by Mr. B.M.Vyas , AGM, and Mr. Uttam Jain, Technical Associate , Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 9</b>	<b>Wednesday, May 26, 2010</b>
09:30 – 11:00	Theory Lecture on MRI, BCS and Meter Information Integration by Mr. Vivek Pathak, Manager, Secure Meters Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	<b>Demonstration/Hands-on</b> session on MRI, BCS and Meter Information Integration data by Mr. Vivek Pathak, Manager, Secure Meters Ltd.& Team
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 10</b>	<b>Thursday, May 27, 2010</b>
09:30 – 11:00	Lecture on Revenue protection (tamper and fraud) issues in 1 Phase Energy Meters (Part -1) by Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd.
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Demonstration and Practical's on Revenue Protection issues (Part -1) by Mr. N. K. Bhati, Managing Director, and Mr. Sunil Harkawat, Scientist , Mr. Uttam Jain Technical Associate , Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 11</b>	<b>Friday, May 28, 2010</b>
09:30 – 11:00	Theory Session on Revenue protection (tamper and fraud) issues in 3 phase meters (Part -2) by Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd. (YMPL)
11:00 – 11:15	Tea Break
11:15 – 13:00	Session Continued....
13:00 – 14:00	Lunch
14:00 – 16:00	Demonstration and Practical's on Revenue Protection issues (Part -2) by Mr. N. K. Bhati, Managing Director, and Mr. Sunil Harkawat, Scientist , Mr. Uttam Jain Technical Associate , Yadav Measurements Pvt. Ltd.
16:00 – 16:15	Tea Break
16:15 – 17:30	Session Continued....

<b>Day 12</b>	<b>Saturday, May 29, 2010</b>
09:30 – 10:30	Evaluation of Participants by Mr. Abhijat Dube, Manager, Mr. Abhishek Garg, Scientist , Yadav Measurements Pvt. Ltd.
10:30 – 10:45	Tea Break
10:45 – 11:00	<b>Welcome Address</b> by Mr. Manish Joshi, Manager – Marketing, Yadav Measurements Pvt. Ltd. (YMPL)
11:00 – 11:15	<b>Opening Remarks</b> by Mr. N. K. Bhati, Managing Director, Yadav Measurements Pvt. Ltd. (YMPL)
11:15 – 11:30	<b>Prefatory Remarks</b> by Mr. B. S. Babel, Joint Managing Director, Secure Meters
11:30 – 12:00	<b>Appreciation Address</b> by Nominated participant from the Afghanistan Team
12:00 – 12:15	<b>Vote of Thanks</b> by Mr. Sudhir Vadehra, Consultant, SARI/Energy, PA Consulting Group
12:15 – 12:30	<b>Certificate Distribution</b>
12:30 – 14:00	Lunch
14:00 – 15:30	Unstructured Labs/Hands-ON Session, wherein participants would be taken to their respective areas of interests and there can have a Hands-on Practical session by Mr. Raguvendra Dewra Scientist, Mr. Uttam Jain Technical Associate, Yadav Measurements Pvt. Ltd.
15:30 – 15:45	Tea Break
15:45 – 17:30	Questionnaire Session by Mr. N. K. Bhati, Managing Director, and Mr. B.M. Vyas AGM Yadav Measurements Pvt. Ltd.