

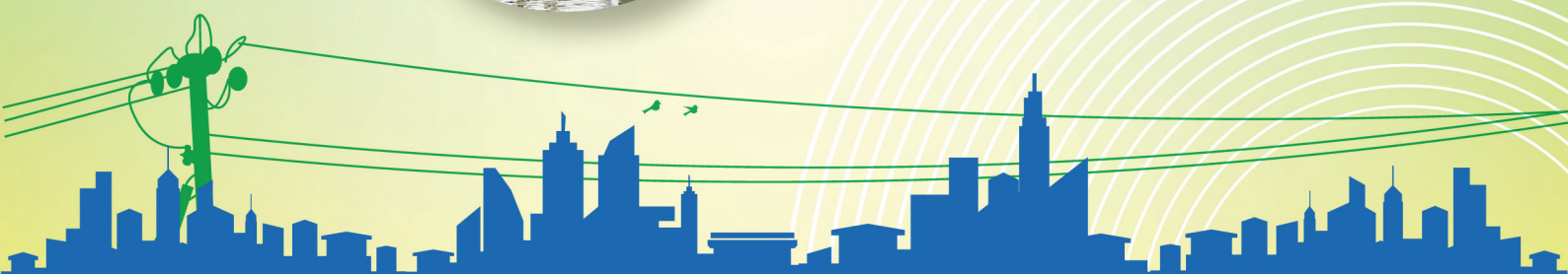
ଆଲୋକର ପଥେ Aalokara Pathe

TPC^{ODL}
TP CENTRAL ODISHA
DISTRIBUTION LIMITED

(A Joint Venture of Tata Power and Government of Odisha)

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ଆପଣଙ୍କ ପାଇଁ, ଆପଣଙ୍କ ସହିତ, ସର୍ବଦା ⚡

For You, With You, Always ⚡

PADMA VIBHUSHAN RATAN NAVAL TATA

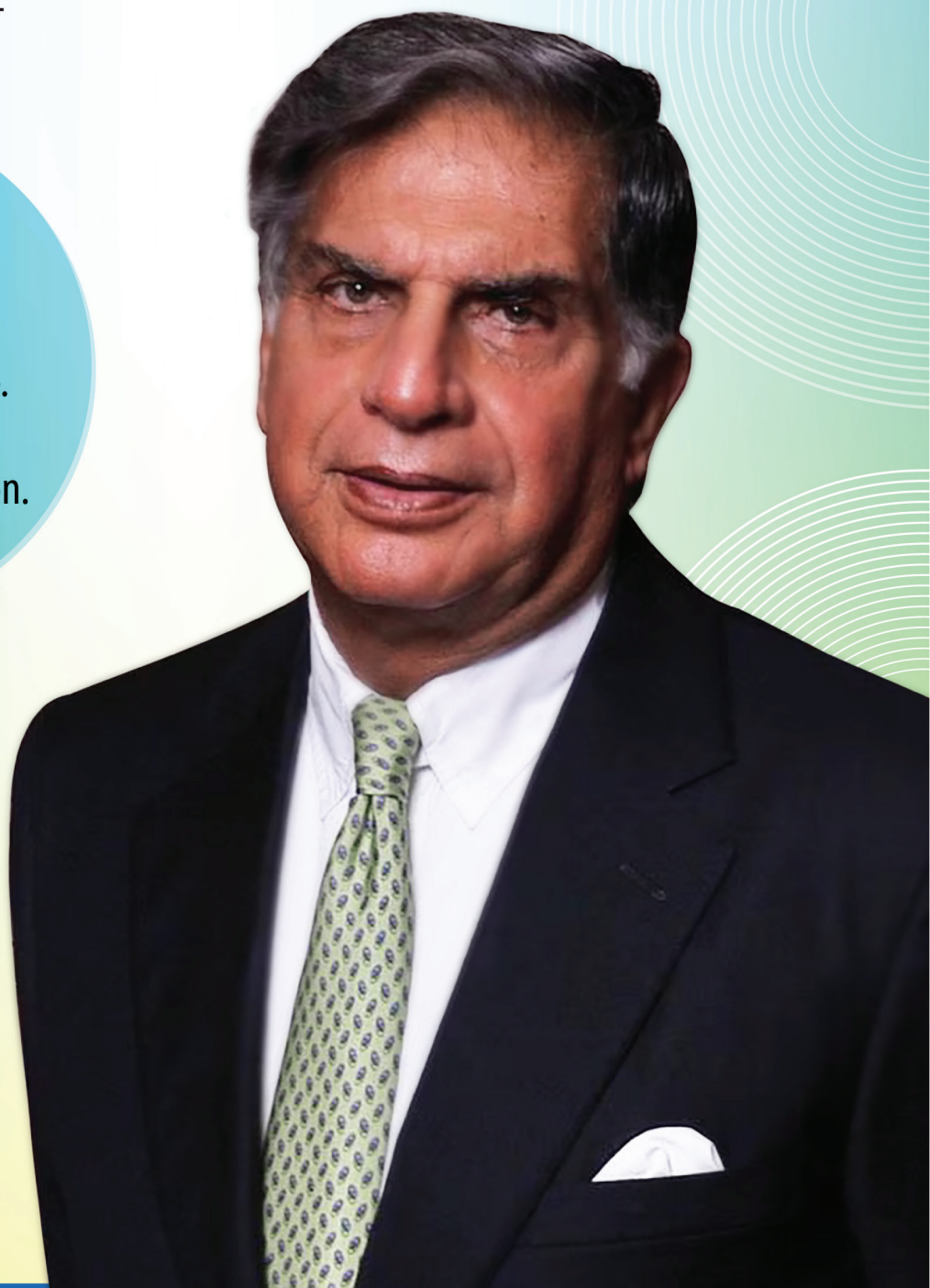
CHAIRMAN EMERITUS, TATA SONS
28.12.1937-09.10.2024

“

His words taught us
the power of humanity.

His actions taught us
the power of leadership.

His deeds taught us
the power of compassion.



From CEO's Desk



Dear Team

It gives me great pleasure to present this edition of our newsletter, capturing the significant progress and accomplishments made by TPCODL from July to December 2024. This period has been marked by consistent growth, operational improvements, and strengthened customer engagement—a true reflection of the dedication and teamwork of our entire workforce.

Our efforts toward enhancing operational efficiency continue to yield positive results. The rollout of smart meters has significantly improved revenue coverage and streamlined processes, reinforcing our commitment to innovation and service excellence. Proactive data analysis and troubleshooting have further enhanced system reliability and strengthened our enforcement initiatives.

Customer satisfaction remains at the core of our operations. Our initiatives to promote digital payment adoption and increase customer awareness have not only enhanced service efficiency but also deepened customer trust and loyalty.

A defining moment this period was our exceptional response to Cyclone Dana. Despite the severe impact, our teams worked tirelessly around the clock to restore power supply in record time. The coordinated efforts, quick mobilization of resources and efficient execution

ensured minimal disruption to our consumers. This remarkable feat reflects the strength of our infrastructure, the effectiveness of our disaster preparedness and the unwavering commitment of our team.

Beyond operations, our commitment to the community remains strong. Through various CSR initiatives, including skills training, empowerment programs and support for sustainable practices, we are contributing meaningfully to the communities we serve.

The recognition we have received from industry bodies and stakeholders is a testament to our unwavering focus on quality, innovation, and service excellence. These achievements motivate us to push boundaries and explore new opportunities for growth and impact.

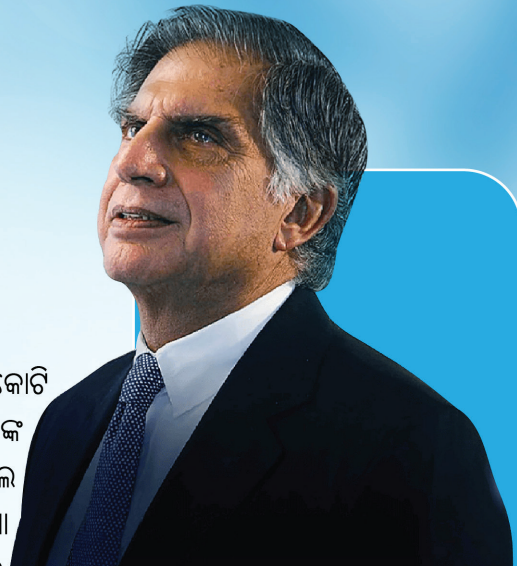
As we move forward, I am confident that our collective efforts and shared vision will continue to drive success. Let us remain focused on innovation, customer satisfaction and operational excellence as we strive to create a brighter future for all.

Thank you for your continued dedication and hard work. Together, we will continue to illuminate lives and set new benchmarks in the industry.

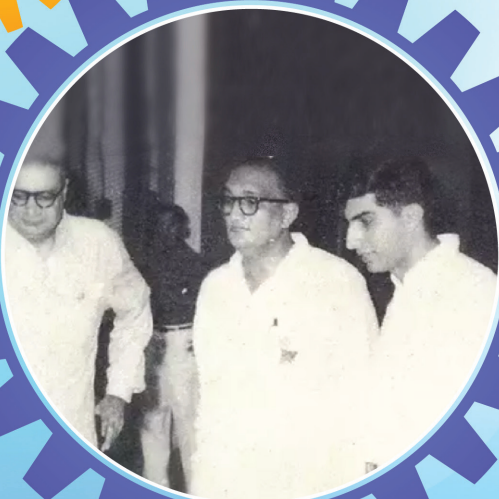
Warm regards,
Arvind Singh
Chief Executive Officer

ରାଷ୍ଟ୍ର ନିର୍ମାତା

ରତନ ଟାଟା



ସେ ଥିଲେ ଭାରତୀୟ ଶିଳ୍ପ ଓ ବ୍ୟବସାୟ ଜଗତର ମୁକୁଟ ବିହୀନ ସମ୍ରାଟ । କୋଟି କୋଟି ଲୋକଙ୍କ ହୃଦୟ ଜିଣିବାରେ ଥିଲେ ସିଦ୍ଧହସ୍ତ । ସମାଜ କଲ୍ୟାଣ ଓ ଦେଶସେବା ଥିଲା ତାଙ୍କ ଜୀବନର ରୁଚ । ସଙ୍ଗେତା, ନୈତିକତା, ପରୋପକାର ଓ ବିନୟ ସ୍ୱଭାବର ପ୍ରତୀକ ଥିଲେ ଶ୍ରଦ୍ଧେୟ ରତନ ଟାଟା । ତାଙ୍କ ଜୀବନ ଯାତ୍ରାର ସଂଘର୍ଷ ଓ ସଫଳତା ସମଗ୍ର ବିଶ୍ୱକୁ ପ୍ରେରଣା ଯୋଗାଇଥାଏ । ତାଙ୍କ ଦେହାନ୍ତ ସହିତ ଏକ ଯୁଗର ଅବସାନ ଘଟିବା ସହ ରାଷ୍ଟ୍ର ପାଇଁ ଏକ ଅପୂରଣୀୟ କ୍ଷତି ହୋଇଛି । ଟାଟା ଗ୍ରୁପକୁ ବିଶ୍ୱରେ ପରିଚିତ କରିବାରେ ସେ ପ୍ରମୁଖ ଭୂମିକା ଗ୍ରହଣ କରିଥିଲେ । ବ୍ୟବସାୟରେ ବିଚକ୍ଷଣ ଗୋଟି ତାଳନାରେ ସେ ଥିଲେ ମାହିର । ଆଜୀବନ ଅବିବାହିତ ରହିଥିବା ରତନ ଟାଟା ସର୍ବଦା ଲୋକମାନଙ୍କ ମଙ୍ଗଳ ଚିନ୍ତା କରୁଥିଲେ । ବ୍ୟକ୍ତିଗତ ସ୍ୱାର୍ଥକୁ ବଳିଦେଇ, ସାମାଜିକ କଲ୍ୟାଣ ପାଇଁ ଉଦ୍ଦିଷ୍ଟ ଥିଲା ତାଙ୍କ ବ୍ୟବସାୟିକ ଲାଭ । ତାଙ୍କ ଭଳି ଜଣେ ଜନ ମଙ୍ଗଳକାରି ଶିଳ୍ପପତିଙ୍କୁ ହରାଇବା ଭାରତ ତଥା ସମଗ୍ର ବିଶ୍ୱ ଲାଗି ଏକ ଅପୂରଣୀୟ କ୍ଷତି । ରତନ ଟାଟାଙ୍କ ଜୀବନରୁ ମିଳୁଥିବା ସବୁଠୁ ବଡ଼ ପ୍ରେରଣା ହେଉଛି ବଡ଼ ସ୍ୱପ୍ନ ଦେଖିବାକୁ ଭୟ କରନାହିଁ । ସ୍ୱପ୍ନ ଦେଖି ଓ ତାହାକୁ ପୂରଣ କରିବା ଲାଗି ଉଦ୍ୟମ କର । ପ୍ରଥମେ ଲୋକମାନେ ଉପହାସ କରିପାରନ୍ତି, କିନ୍ତୁ ସଫଳତା ମିଳିବା ପରେ ସମସ୍ତେ ତାହାକୁ ସ୍ୱୀକାର କରିବା ସହିତ ଗର୍ବିତ ହେବେ ଓ ପ୍ରସଂଶା କରିବେ । ଟାଟା ଗ୍ରୁପକୁ କେବଳ ଭାରତ ଭିତରେ ସୀମିତ ରଖିବାକୁ ରତନ ଟାଟା ଚାହୁଁ ନଥିଲେ । ଏହାକୁ ଏକ ବିଶ୍ୱ ପ୍ରସିଦ୍ଧ କମ୍ପାନୀ ସମୂହରେ ପରିଣତ କରିବାକୁ ଚାହୁଁଥିଲେ । ବିଶ୍ୱର ନାମୀଦାମୀ କମ୍ପାନୀଗୁଡ଼ିକୁ ଅଧିଗ୍ରହଣ କରି ସେ ସାରା ଦୁନିଆରେ ଟାଟାର ପଦଚିହ୍ନ ସୃଷ୍ଟି କରିପାରିଛନ୍ତି, ଯାହା କୋଟି କୋଟି ଭାରତୀୟଙ୍କୁ ଟାଟା ବ୍ରାଣ୍ଡ ପାଇଁ ଗର୍ବିତ ହେବାର ସୁଯୋଗ ଆଣିଦେଇଛି । ତାଙ୍କ ବୈପ୍ଳବିକ ଓ ଅଭିନବ ପଦକ୍ଷେପ ଲାଗି ଟାଟା ଦୁନିଆର କୋଣ ଅନୁକୋଣରେ ପହଞ୍ଚି ପାରିଛି । ତାଙ୍କ ପ୍ରଚେଷ୍ଟା ଯୋଗୁଁ ହିଁ ଟାଟା କମ୍ପାନୀ ସମୂହର ଏକ ତୃତୀୟାଂଶ ରାଜସ୍ୱ ବିଦେଶ ବଜାରରୁ ଆସୁଛି । ଟାଟା ଗ୍ରୁପ ପ୍ରତିଷ୍ଠାତା ଜାମସେଦଜୀ ଟାଟା ଏବଂ ପୂର୍ବଜ ଜେଆରଡି ଟାଟାଙ୍କର ସୁଯୋଗ୍ୟ ଉତ୍ତରାଧିକାରୀ ଥିଲେ ରତନ ଟାଟା । ଟାଟାର ଶିଳ୍ପ କ୍ଷେତ୍ରରେ ରହିଥିବା ସ୍ୱତନ୍ତ୍ର ଛାପକୁ ଆଗକୁ ନେବାରେ ସେ ପ୍ରମୁଖ ଭୂମିକା ଗ୍ରହଣ କରିଥିଲେ । ଟାଟା ଗ୍ରୁପରେ ତାଙ୍କର ଗୌରବମୟ ତିନି ଦଶନ୍ଧିର ନେତୃତ୍ୱରେ ସେ ନିଜକୁ ପୁନଃ ଆବିଷ୍କାର କରିବା ସହ ଅତ୍ୟନ୍ତ ଭଦ୍ର, ନମ୍ର, ଉଦାରଶୀଳ ଏବଂ ଦକ୍ଷ ଉଦ୍ୟୋଗୀ ଭାବେ ନିଜକୁ ଗଢ଼ି ତୋଳିଥିଲେ । ଟାଟା ସନ୍ଦର୍ଭ



ଅ ଧ ଯ କ୍ଷ

ପାଇଁ ଏକ ଅଭିନବ

ଲାଲସେନ୍ ରାଜ ଚାଲୁଥିବାବେଳେ ଟାଟା ଗ୍ରହଣ କରିଥିବା ଅଭିନବ ପଦକ୍ଷେପ

ଅନେକଙ୍କ ଲାଗି ସେ ସମୟରେ ସ୍ୱପ୍ନ ଭଳି ଥିଲା । ଉଦାରାକରଣ ଆରମ୍ଭ

ହେଉଥିବା ବେଳେ ଟାଟା ଗ୍ରୁପର କାର୍ଯ୍ୟକ୍ଷମ କରିବାକୁ ଅଣ୍ଟା ଭିଡ଼ିଥିଲେ

ରତନ ଟାଟା । ନୂଆ ଟେକ୍ନୋଲୋଜି ଗ୍ରହଣ ସହ ଟାଟା ଗ୍ରୁପରେ ବଡ଼ ବଡ଼

ବ୍ରାଣ୍ଡ ଗୁଡ଼ିକର ମିଶ୍ରଣକୁ ସେ ଦେଇଥିଲେ ଅଗ୍ରାଧିକାର । ଭାରତକୁ ବିଶ୍ୱ

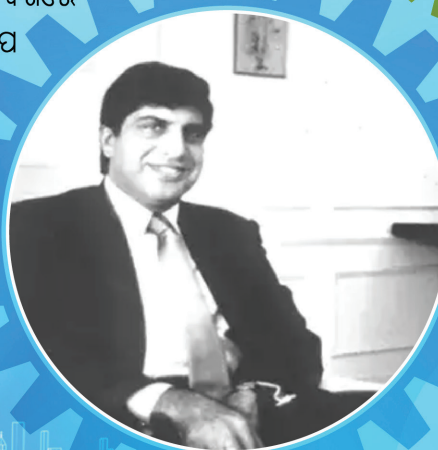
ଅର୍ଥନୀତିର ଏକ ପ୍ରମୁଖ ଅଂଶଦାର ଭାବେ ଦେଖିବାକୁ ତାଙ୍କର ସ୍ୱପ୍ନ ଥିଲା

ଓ ସେହି ସ୍ୱପ୍ନକୁ ସାକାର କରିବା ପାଇଁ କରିଥିଲେ ଅନବରତ ପ୍ରୟାସ ।

୨୦୦୦ ମସିହାରେ ବ୍ରିଟେନର ଲୋକପ୍ରିୟ ଚାହା ପ୍ରସ୍ତୁତକାରୀ

ହେବା ପରେ ରତନ ଟାଟା ଟାଟାଗ୍ରୁପ

ବ୍ୟବସ୍ଥା ଗ୍ରହଣ କରିଥିଲେ । ଦେଶରେ



କମ୍ପାନୀ ଟେବୁଲ୍ ଏବଂ ଷ୍ଟିଲ୍ ଉତ୍ପାଦନକାରୀ କମ୍ପାନୀ କୋରସକୁ ଟାଟା ଗ୍ରୁପ ଅଧିଗ୍ରହଣ କଲା । କୌଣସି ଭାରତୀୟ କମ୍ପାନୀ ପକ୍ଷରୁ ଏହା ସେ ସମୟର ସର୍ବବୃହତ୍ ଅଧିଗ୍ରହଣ ଥିଲା । ଏହା ପରେ ପରେ ୨୦୦୮ରେ ଟାଟା ଗ୍ରୁପ ଅନ୍ୟ ଏକ ପ୍ରମୁଖ ଡିଲ୍ ଦ୍ଵାରା ଜାଗୁଆର ଏବଂ ଲ୍ୟାଣ୍ଡ ରୋଭରଙ୍କୁ ମଧ୍ୟ ଅଧିଗ୍ରହଣ କରିନେଲା । ଇଣ୍ଡିଆ ଭଳି ପ୍ରଥମ କାର କମ୍ପାନୀ ସ୍ଥାପନା, ନାନୋ ଭଳି ସୁଲଭ କାର ପରିକଳ୍ପନା କେବଳ ଟାଟା ହିଁ କରିପାରିଥିଲେ । ଟାଟା ନାନୋ ବିଶେଷ ବ୍ୟବସାୟିକ ସଫଳତା ପାଇ ନଥିଲେ ମଧ୍ୟ ଲକ୍ଷ ଲକ୍ଷ ଭାରତୀୟଙ୍କୁ ସୁଲଭ ଦରରେ ସୁରକ୍ଷିତ କାର ଯୋଗାଇ ସେମାନଙ୍କ ସ୍ଵପ୍ନ ସାକାର କରିଥିଲା । ଦେଶରେ ବିଜ୍ଞାନ ଓ ପ୍ରଯୁକ୍ତିବିଦ୍ୟାର ବିକାଶକୁ ସେ ବେଶ୍ ଗୁରୁତ୍ଵ ଦେଇଥିଲେ । ଟିସିଏସ୍ କୁ ସମଗ୍ର ବିଶ୍ଵର ଅନ୍ୟତମ ସଫଳ ସଫ୍ଟୱେର କମ୍ପାନୀ ଭାବେ ଗଢ଼ି ତୋଳିଥିଲେ । ୨୦୦୪ ମସିହାରେ ଟିସିଏସ୍ ରଚିଥିଲା ଇତିହାସ । ଦେଶର ପ୍ରଥମ ୧ ବିଲିଅନ୍ ପ୍ରାଇଭେଟ୍ ଆଇପିଓର ଉପଲବ୍ଧ ହାସଲ କରିଥିଲା । ସେ ସମୟରେ ୩୨ଟି ଦେଶରେ କାର୍ଯ୍ୟ କରୁଥିବା ଏହି କମ୍ପାନୀ ୫୫ଟି ଦେଶରେ ୩୦୦ ରୁ ଅଧିକ କାର୍ଯ୍ୟାଳୟକୁ ପରିବ୍ୟାପ୍ତ ହୋଇଥିଲା । ତାଙ୍କ ବଳିଷ୍ଠ ନେତୃତ୍ଵ ଯୋଗୁଁ ଏହା ଆଜି ୧୮୩ ବିଲିଅନ୍ ଯୁଏସ୍ ଡଲାର ଠାରୁ ଅଧିକ ମୂଲ୍ୟାଙ୍କନ ହେବା ସହ ବିଶ୍ଵର ଅନ୍ୟତମ ସର୍ବବୃହତ୍ ଓ ସଫଳ କମ୍ପାନୀ ହୋଇ ପାରିଛି ।



ପଶୁଙ୍କ ପ୍ରତି ଥିଲା ତାଙ୍କ ମନରେ ବିଶେଷ ଦରଦ । ନିରୀହ ପଶୁ ପକ୍ଷୀଙ୍କ ପ୍ରତି ତାଙ୍କର ସ୍ନେହ ଓ ଭଲ ପାଇବା ସଭିଙ୍କ ପାଇଁ ପ୍ରେରଣାର ଉତ୍ସ । ଦେଶର ଅନେକ ହୋଟେଲ ଓ ବ୍ୟବସାୟିକ ପ୍ରତିଷ୍ଠାନ ତାଙ୍କୁ ଅନୁସରଣ କରି ପଶୁଙ୍କ ଯତ୍ନ ନେଇଥିଲେ । ପଶୁଙ୍କୁ ଉଦ୍ଧାର କରି ତାଙ୍କ ଚିକିତ୍ସା କରୁଥିବା ବହୁ ସଂସ୍ଥାକୁ ସେ ସହଯୋଗର ହାତ ବଢ଼ାଇଥିଲେ । ଅଧିକାଂଶ ସମୟରେ ନିଜ ପୋଷା କୁକୁର ସହ ତାଙ୍କର ଫଟୋ ଦେଖିବାକୁ ମିଳୁଥିଲା । ନିଜ ବାସଭବନ ପାଖରେ ବୁଲା କୁକୁର ଓ ପଶୁମାନଙ୍କୁ ଖାଦ୍ୟ ଖୁଆଇଥିବାର ମଧ୍ୟ ତାଙ୍କୁ ଦେଖିବାକୁ ମିଳେ । ମୁମ୍ବାଇରେ ଥିବା ତାଙ୍କ ମହଲ ପ୍ୟାଲେସ ହୋଟେଲର ଦ୍ଵାରକୁ ବୁଲା ପଶୁଙ୍କ ଲାଗି ଖୋଲା ରହିବାକୁ ସେ ନିର୍ଦ୍ଦେଶ ଦେଇଥିଲେ । ବିଶେଷ କରି ବର୍ଷା ଓ ଖରାପ ପାଣିପାଗ ପରିସ୍ଥିତିରେ ସେମାନଙ୍କୁ ଆଶ୍ରୟ ଦେବାକୁ କହୁଥିଲେ ।

ଓଡ଼ିଶା ସହ ତାଙ୍କର ଘନିଷ୍ଠ ସମ୍ପର୍କ ଥିଲା । ତାଙ୍କ ନେତୃତ୍ଵରେ ଟାଟା ସମୂହର ଅନେକ କମ୍ପାନୀ ବ୍ୟବସାୟିକ ବିସ୍ତାର ଲାଭ କରିବା ସହ ଲକ୍ଷ ଲକ୍ଷ ଲୋକଙ୍କୁ ଆଣିଦେଇଛି ନିଯୁକ୍ତିର ସୁଯୋଗ । ତାଙ୍କ ପ୍ରୟାସରେ ଓଡ଼ିଶାରେ କଳିଙ୍ଗନଗର ପ୍ରୋଜେକ୍ଟ ଠାରୁ ଆରମ୍ଭ କରି ଗୋପାଳପୁର ପର୍ଯ୍ୟନ୍ତ ଅନେକ ବିକାଶମୂଳକ କାର୍ଯ୍ୟକ୍ରମ ସମ୍ପନ୍ନ ହୋଇପାରିଛି । ତାଙ୍କ ସମୟରେ ହିଁ ଟାଟା ଗ୍ରୁପର ଟିସିଏସ୍ ଓ ଜିଞ୍ଜର ଭଳି ଅନେକ କମ୍ପାନୀ ଓଡ଼ିଶାରେ ବ୍ୟବସାୟ ଆରମ୍ଭ କରି ଲକ୍ଷ ଲକ୍ଷ ଲୋକଙ୍କୁ ପ୍ରତ୍ୟେକ୍ଷ ଓ ପରୋକ୍ଷ ନିଯୁକ୍ତିର ସୁଯୋଗ ଦେଇଛି । ବିଶେଷକରି ଓଡ଼ିଶା ଲିଭେବଲ୍ ହାବିଟାଟ୍ ମିଶନ ମାଧ୍ୟମରେ ବସ୍ତିବାସିନ୍ଦାଙ୍କୁ ଜମି ଅଧିକାର ପ୍ରଦାନରେ ରତନ ଟାଟାଙ୍କ ଗୁରୁତ୍ଵପୂର୍ଣ୍ଣ ଭୂମିକା ଥିଲା । ୨୦୨୧ ମସିହାରେ ଟାଟା ଗ୍ରୁପ ଏୟାର ଇଣ୍ଡିଆକୁ ଅଧିଗ୍ରହଣ କଲା । ସିଙ୍ଗାପୁର ଏୟାରଲାଇନ୍ସ ସହ ମିଳିତ ହୋଇ ସେ ଆରମ୍ଭ କରିଥିବା ଭିସ୍ତାରା ଏବେ ଏୟାର ଇଣ୍ଡିଆ ସହ ମିଶ୍ରଣ ହୋଇଛି । ରତନ ଟାଟାଙ୍କ ଦୂରଦର୍ଶିତା ଯୋଗୁଁ ହିଁ ବେସାମରିକ ବିମାନ ଉଡ଼ାଣ କ୍ଷେତ୍ରରେ ଦେଶ ଅନେକ ଉପଲବ୍ଧ ହାସଲ କରିଛି । ମୁମ୍ବାଇରେ ହୋଇଥିବା ୨୬/୧୧ ଆତଙ୍କବାଦୀ ଆକ୍ରମଣ ସମୟରେ ସେ ଲୋକମାନଙ୍କ ସହ ଠିଆ ହୋଇଥିଲେ । ରିଲିଫ୍ ପ୍ରଦାନ ଠାରୁ ଆରମ୍ଭ କରି ପୀଡ଼ିତ ମାନଙ୍କୁ ସାହାଯ୍ୟ କରିବା ପର୍ଯ୍ୟନ୍ତ ସବୁ କିଛିର ସେ ପ୍ରତ୍ୟକ୍ଷ ଭାବେ ଦେଖାଶୁଣା କରୁଥିଲେ । ରତନ ଟାଟା କେବଳ ଜଣେ ଅସାଧାରଣ ବ୍ୟକ୍ତିତ୍ଵ ନଥିଲେ ବରଂ ରାଷ୍ଟ୍ର ନିର୍ମାଣ, ଉଦ୍ଭାବନ ଓ ପରୋପକାର ପ୍ରତି ତାଙ୍କର ନିରନ୍ତର ସମର୍ପଣ ଏ ଦୁନିଆ ପାଇଁ ଏକ ଅବିସ୍ମରଣୀୟ ଛାପ ଛାଡ଼ିଛି । ଭାରତ ପାଇଁ ରତନ ଟାଟାଙ୍କ ଅତୁଳନୀୟ ଅବଦାନ କେବଳ ଶିକ୍ଷ ଓ ବ୍ୟବସାୟ ଜଗତ ମଧ୍ୟରେ ସୀମିତ ନଥିଲା । ଜଣେ ଦୂରଦୃଷ୍ଟି ସମ୍ପନ୍ନ ନେତା ଭାବେ ସେ ଏକତା, ନବସୃଜନ ଏବଂ ଅନ୍ତର୍ଭୁକ୍ତିକୁ ପ୍ରାଧାନ୍ୟ ଦେଇ ବ୍ୟବସାୟିକ ନୈତିକତାକୁ ଏକ ନୂଆ ପରିଭାଷା ଦେଇଛନ୍ତି । ସାଧାରଣ ଲୋକଙ୍କ ପାଇଁ ଟାଟା ସୁମୋ, ଟାଟା ଇଣ୍ଡିକା ଓ ଟାଟା ନାନୋ ସହିତ ଭାରତର ଅଟୋମୋବାଇଲ୍ କ୍ଷେତ୍ରରେ ବିପ୍ଳବ ସୃଷ୍ଟି କରିବା ଠାରୁ ଆରମ୍ଭ କରି ଜାଗୁଆର ଲ୍ୟାଣ୍ଡ ରୋଭର ଅଧିଗ୍ରହଣ ସହିତ ଭାରତୀୟ ଶିଳ୍ପକୁ ବିଶ୍ଵ ମାନଚିତ୍ରରେ ସ୍ଥାନିତ କରିଛନ୍ତି । ବ୍ୟବସାୟ ବ୍ୟତୀତ, ନୈତିକ ମୂଲ୍ୟବୋଧ ପ୍ରତି ତାଙ୍କର ଅବମ୍ୟ ପ୍ରତିବଦ୍ଧତା ଅଗଣିତ ଜୀବନକୁ ଉନ୍ନତ କରିଛି । ତାଙ୍କର ଜନହିତକାରି ପଦକ୍ଷେପ ଦେଶରେ ଶିକ୍ଷା, ସ୍ଵାସ୍ଥ୍ୟସେବା ଏବଂ ଗ୍ରାମୀଣ ବିକାଶକୁ ସଶକ୍ତ କରିଛି । ରତନ ଟାଟାଙ୍କ ନମ୍ରତା ଏବଂ ମାନବିକ ମୂଲ୍ୟବୋଧ ଆମକୁ ମନେ ପକାଇଦିଏ ଯେ ପ୍ରକୃତ ମହାନତା କେବଳ



ବଡ଼ ବଡ଼ ସ୍ଵପ୍ନ ଦେଖି ପରିଶ୍ରମ ବଳରେ ସେହି ସ୍ଵପ୍ନ ସାକାର କରିବା ନୁହେଁ ବରଂ ଲୋକଙ୍କ ସ୍ଵପ୍ନ ସାକାର କରିବା ସହ ତାଙ୍କ ଜୀବନକୁ ଉନ୍ନତ କରିବାରେ ରହିଥାଏ । ରତନ ଟାଟାଙ୍କ ଉପଲବ୍ଧ ଇତିହାସରେ ସ୍ଵର୍ଣ୍ଣ ଅକ୍ଷରରେ ଲେଖାହୋଇ ରହିବ ଓ ସମାଜର ବୃହତ୍ ମଙ୍ଗଳ ପାଇଁ ନିଜକୁ ଉତ୍ସର୍ଗ କରିବାକୁ ସର୍ବଦା ପ୍ରେରଣା ଯୋଗାଇବ ।



CONTENTS





TPC

TP CENTRAL ODISHA
DISTRIBUTION LIMITED

(A Joint Venture of Tata Power and Government of Odisha)



*Safety is our
Identity*



TPCODL's School Safety Awareness Program: Empowering Young Minds

Safety is at the core of our operations. As part of our commitment to public safety, we conduct School Safety Awareness Programs to educate children about electrical safety, fire hazards and emergency preparedness. By instilling a safety-first mindset in young minds, we empower them to protect themselves and spread awareness in their communities, building a safer future for all.



Empowering Our Workforce through Felt Leadership & Capability Training

We believe a skilled workforce is the foundation of a safe and efficient power distribution network. Through Felt Leadership Training and Employee Capability Development Programs, we enhance leadership qualities and technical expertise. By investing in our people, we ensure a safety-conscious, high-performing team dedicated to delivering excellence.



SANMAN: Strengthening Coordination & Safety Leadership

Effective teamwork is vital for a safe power distribution system. Our SANMAN program is a Behavioral Safety (BS) Intervention designed for Senior Linemen and BA Supervisors to:

Improve coordination
for safe and efficient
operations

Foster mutual respect,
accountability and
teamwork

Enhance safety
awareness and
adherence to SOPs

Strengthen decision
making in high-
risk situations

Through interactive sessions and real-life case studies, SANMAN builds a culture of trust, communication and leadership for a safer workplace.



Celebrating National Electrical Safety Week 2024

Safety is our way of life. During National Electrical Safety Week 2024, we reinforced safe electricity usage and accident prevention through:

Safety awareness programs for employees, consumers and school children

Training and workshops on safe work procedures and PPE use

Public engagement campaigns, including door-to-door awareness drives

Safety pledge and recognition of outstanding performers

Mock drills on fire safety and emergency response



With these initiatives, we continue to strengthen safety awareness across our communities.

Suraksha Bandhan: Honoring Safety with a Rakhi

To reinforce the bond between our workforce and their protective gear, we celebrated “Suraksha Bandhan” by tying Rakhis to safety tools and PPEs. This symbolic act reminded employees that safety is their strongest safeguard, renewing their commitment to accident prevention and workplace discipline.



TATA Fire Prevention & Preparedness Week 2024

Fire safety is a priority for us. During Fire Prevention & Preparedness Week 2024, we conducted mock drills across all divisions, focusing on:

Emergency response training on fire hazards and evacuation

Practical use of fire extinguishers and hydrants

Simulated fire scenarios for real-time response practice

Coordination with fire safety teams for effective preparedness

Fire safety pledge to commit to risk mitigation



These efforts strengthened our fire safety awareness and response capabilities.

Cyclone DANA Restoration: Power Restored in 48 Hours with Zero Injuries

Demonstrating resilience and efficiency, we restored power within 48 hours post-Cyclone DANA while ensuring zero injuries. Key efforts included:

-  Rapid response and deployment of field teams
-  Seamless coordination with authorities
-  Strict adherence to safety protocols
-  Constant customer communication through helplines

A special recognition was awarded to the Paradeep Circle Team for their exceptional efforts in the restoration process.



Innovative Safety Initiatives for Risk Reduction

To enhance workplace safety, we introduced:

-  **Step Change**
Transforming safety culture through new policies and processes
-  **Safety Interventions**
Audits, hazard identification and real-time risk assessments
-  **Horizontal Deployment**
Standardizing safety best practices across all divisions

Key Infrastructure Enhancements:



Service Distribution Boxes on LT Poles

Secures electrical connections for safer maintenance



Fire Retardant Glass Doors

Enhances fire safety while allowing visibility for early detection



Electrically Adjustable Consoles

Improves ergonomics for control room operators



Conductor Gripping Clamp Modification

Ensures secure grounding during maintenance



Snake & Ladder Game for Field Workforce

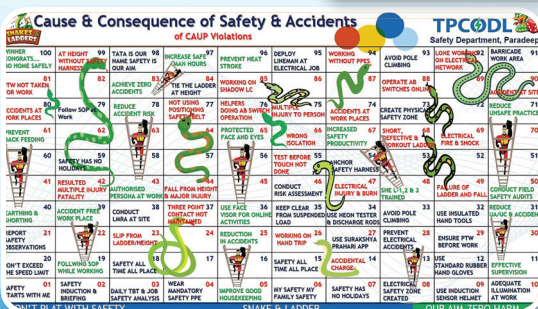
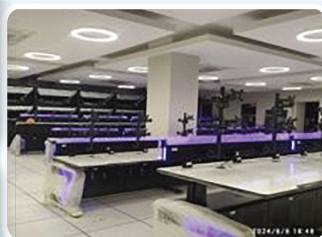
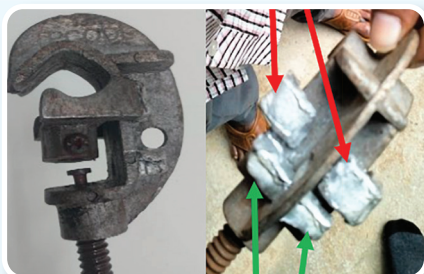
An interactive way to educate employees on unsafe practices and safety measures



Terminal Protector Boot for HT Bushings

Prevents animal electrocution by covering exposed electrical terminals

These innovations reflect our unwavering commitment to safety, efficiency and operational excellence. Together, we build a safer workplace for all!



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Journey Towards Customer Delight



Consumer Awareness & Gaon Chalo Camps

To promote digital payments and create awareness about our initiatives, we organized:

360+

Consumer Awareness Camps

600+

Gaon Chalo Camps

43,000+

Customers Reached



Digital Payment Growth

Our efforts have led to a remarkable increase in digital transactions in December 2024 compared to the previous year.



46% increase in digital transactions



7.97 lakh transactions Recorded

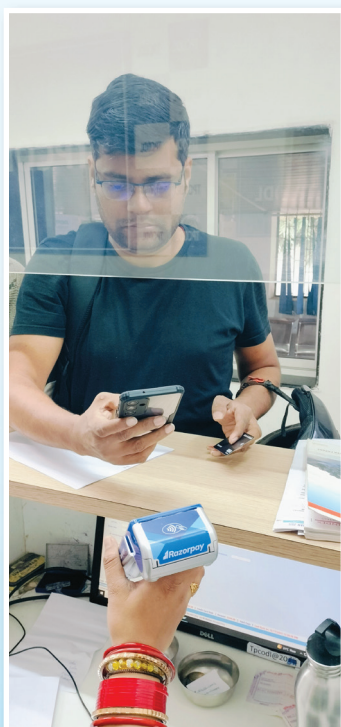
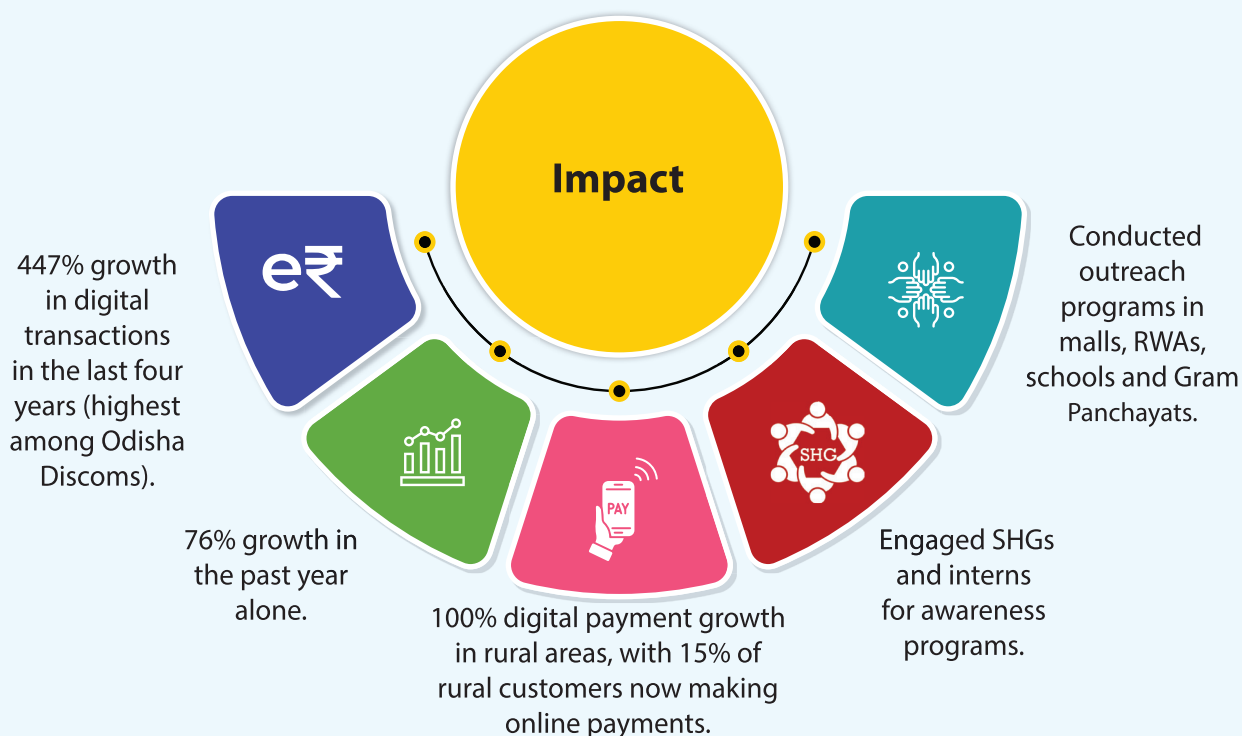
Synopsis of Digital Transaction Comparing the current month v/s same month of Previous FY
(Transaction Counts In Lakhs)



Digitally Karan Initiative

Our “Digitally Karan” initiative, aligns with the Government of India’s vision for a cashless economy. Since our inception, we have:

- Increased the digital rebate from 3% to 4%.
- Partnered with CSC, Paytm, Canara Bank, HDFC and IDBI for digital payment solutions.
- Introduced dynamic QR-based payments and instant digital rebates.
- Launched promotional schemes like Bill Pay and Win.

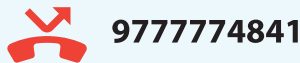


**Digital
Rebate 4%**



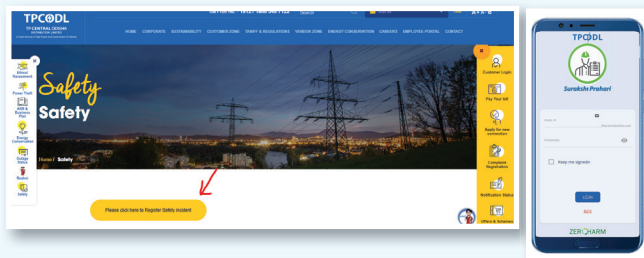
Missed Call Services for Outage & Complaint Registration

Customers can now check outage status or register complaints by giving a missed call to 9777774841 from their registered mobile number, eliminating the need for a call center interaction.



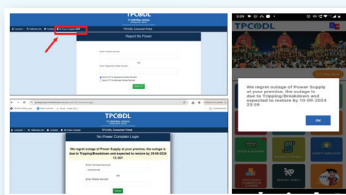
Reporting Safety Incidents via Website & Chatbot

We have enabled safety issue reporting through our website and chatbot, linking directly to the Suraksha Prahari App for immediate action. Customers can upload photos to assist in accurate assessments.



Single-Click Outage Information & Complaint Registration

Customers can now access outage details and register complaints with a single click via our website and the Mitra App.



Interactive WhatsApp Chatbot

Our WhatsApp chatbot at 9937875999 enables customers to check bills, payments, service connections and complaints conveniently by sending a simple "Hi."



Bill Pay and Win Scheme

To encourage digital payments, we launched the "Bill Pay and Win" scheme with 160+ prizes, including iPhones, in September and December 2024.



Amazon Cashback Offer

We partnered with Amazon to offer cashback incentives: Rs. 50 on first-time bill payments and up to Rs. 10 for regular payers, with three lucky customers winning iPhones.



Multilingual Virtual Assistant "Roshni"

We expanded our chatbot "Roshni" to Odia and Hindi, making us the first Odisha Discom to offer multilingual AI assistance. Customers can access various services and search information with ease.



Launch of Anubhav Portal

Our new "Anubhav Portal" captures customer feedback to improve our services. Customers and employees can log feedback, helping us enhance convenience and streamline processes.

Meter Management Group: Advancing Metering Excellence at TPCODL

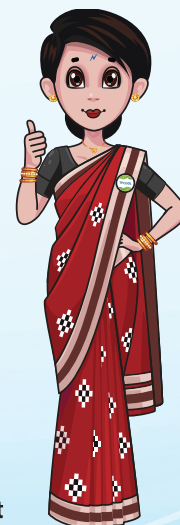
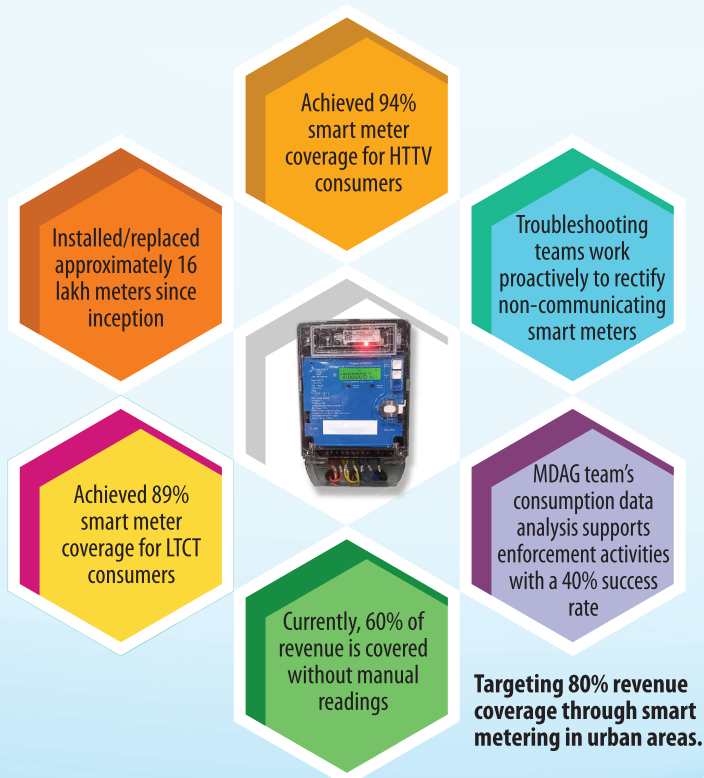
At TPCODL, our Meter Management Group (MMG) plays a pivotal role in ensuring efficient metering operations across all consumer categories, distribution transformers and feeders. We are responsible for new meter installations, replacements and maintaining the highest standards in metering quality. Beyond routine tasks, our MMG team also monitors high-value consumer consumption, conducts meter readings for HT consumers and performs on-site and lab-based meter testing.

Commitment to Safety

Safety remains our top priority. Every first Monday, we observe a Safety Pause, where the Head-MMG addresses the team on best safety practices. Daily sunrise meetings include extensive PPE checks, tool and vehicle audits and surprise safety inspections. Job Safety Analysis (JSA) and Toolbox Talks (TBT) are conducted before starting any work. Our leadership actively participates to reinforce safety protocols. Regular SOP training and SHE-L1 sessions further strengthen our safety culture.



Operational Achievements



Business Associate Transition

August 2024 marked a significant transition as we moved from a circle-wise to a division-wise Business Associate (BA) model. This shift increased the number of BAs from 3 to 10, ensuring smooth operations from day one. To enhance coordination, MMG now operates from 20 distribution divisions.

Consumer Awareness & Training

To promote smart metering, MMG organized an interactive session in September 2024 for potential smart meter consumers in Bhubaneswar. Our CEO, Chief Commercial Services and Head-MMG led the discussion, followed by a live demonstration at our NABL-accredited central lab. Consumers highly appreciated this initiative.

Further, we conducted training sessions for engineering students from reputed colleges in Bhubaneswar and Cuttack, educating them on advanced metering technologies. These sessions provided insights into meter functionality, testing equipment and MMG processes.



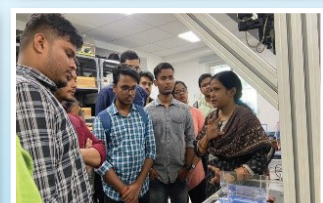
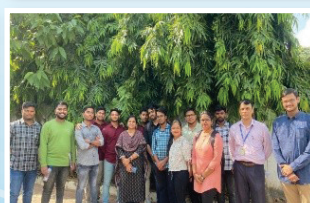
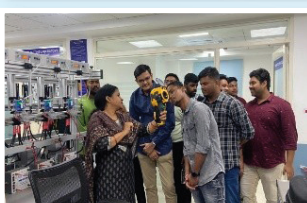
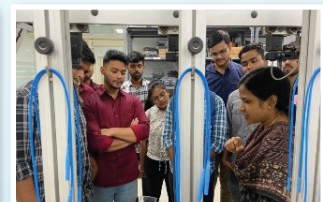
Upholding Quality Through Meter Testing

Ensuring accuracy and reliability in metering remains a top priority. We conduct rigorous quality checks at multiple levels, from production to installation. In case of discrepancies, we facilitate transparent meter testing at our NABL-accredited labs in Bhubaneswar and Cuttack, in the presence of consumers. Enforcement-detected cases and sample testing are also performed to uphold metering standards.

Our NABL-accredited labs underwent a successful onsite surveillance audit in August 2024, retaining their accreditation. This reaffirms our commitment to maintaining the highest metering standards.



MMG continues to drive innovation, safety and efficiency, ensuring seamless service for our consumers while strengthening TPCODL's reputation as a leader in metering excellence.



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HR Initiatives - Nurturing Excellence



Trainings Across TPCODL

To strengthen our workforce, we have identified key training needs and rolled out multiple programs covering Safety, Technical Skills, Business Excellence, HR, Vigilance and MRT. These programs ensure that our employees stay updated with the latest industry practices and continue to deliver exceptional service.

From July 1st to December 31st, 2024, we conducted 450+ training programs, engaging more than 9000 employees across various disciplines. Our in-house Functional Subject Matter Experts from Safety, Operation Services, Business Excellence, HR, Vigilance and MRT led these sessions, ensuring high-quality learning experiences.

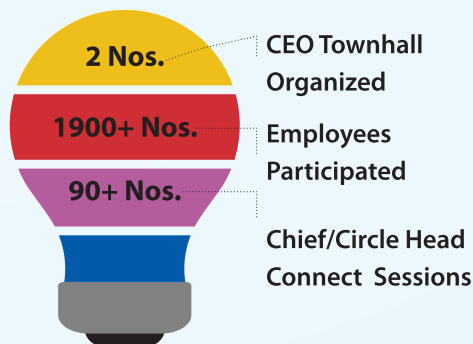
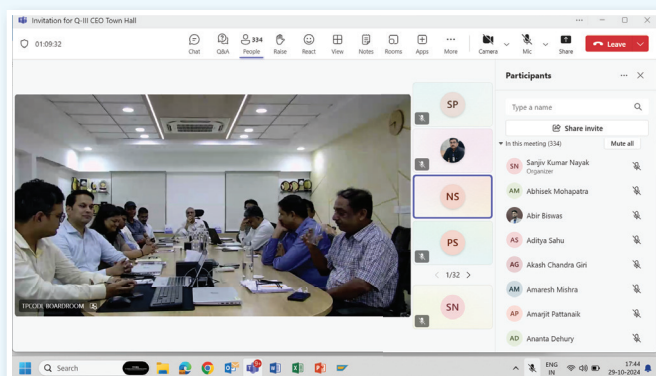
In addition to instructor-led training, our employees leveraged the Gyankosh e-Learning portal, powered by LinkedIn Learning, to enhance their skills at their own pace. This blended learning approach has significantly contributed to professional development, reinforcing our culture of continuous learning and operational excellence.



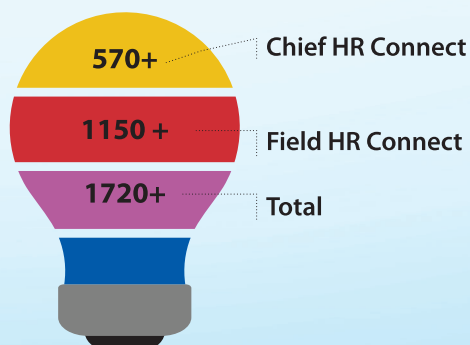
EMPLOYEE ENGAGEMENT AND WELFARE

In Q2 & Q3 of FY 24-25 -

CEO TOWN HALL



HR CONNECT



POLICY AWARENESS SESSIONS



Quarterly AT&C incentive
scheme awareness



Policy on Housing Benefits
for CTC employees



Car Related
Benefits

HEALTH & AWARENESS



Doctor Consultations -
6 nos - 300+
Employees touched



Health Awareness
Sessions - **5 nos - 300+**
Employees Touched



Outreach Clinics
Organized - **2 nos - 50**
Employees Examined



WILL: Next Gen Women Leaders Workshop

At TPCODL, we are committed to fostering gender diversity and empowering women to take on leadership roles. As part of the Women in Leadership League (WILL) initiative, we organized the Second Residential WILL Program: Next Gen Women Leaders Workshop from August 5th–7th at XIM University, Bhubaneswar. Senior and middle-level women managers from all four Odisha DISCOMs-TPCODL, TPNODL, TPSODL and TPWODL-actively participated in this three-day workshop. By breaking gender barriers and promoting inclusivity, we aim to create a stronger, more diverse leadership pipeline within our organization.



Skill Development Training for ITI Students

In partnership with the Skill Development and Technical Education Department, Government of Odisha, we have launched a transformative training program across 20 Government ITIs. This initiative is designed to equip students with industry-relevant skills, enhancing their employability in the evolving power sector. With five ITIs under TPCODL's jurisdiction, the program kicked off in September with sessions at Government ITIs in Dhenkanal, Cuttack, Pattamundai, Bhubaneswar and Puri. Led by our L&D team, these sessions emphasized hands-on training and skill enhancement, paving the way for a brighter future for young talent in the energy sector. This initiative underscores our commitment to building a skilled workforce and contributing to Odisha's development.



Capability Building: T&D Cluster Training Workshops

The Central L&D – Odisha DISCOMs has conducted 10 Cluster level training programs across all Discoms i.e TPDDL, TPC-Mumbai, TPCODL, TPWODL, TPSODL and TPNODL.

Technical excellence is at the core of our operations. To enhance technical competencies across our teams, we participated in T&D cluster level Capability Building Workshops alongside other Tata Power DISCOMs. These workshops focused on crucial topics such as best practices for power utilities, underground cable management, electrical equipment testing and loss reduction strategies, SCADA, Automation & Distribution Management System, Energy Audit & Accounting etc.,. Conducted across multiple locations including TPDDL-Delhi, TPC-Mumbai and all four Odisha DISCOMs, these sessions provided hands-on-training and knowledge sharing , reinforcing our commitment to operational excellence and continuous learning.



Advancing Digital Transformation: D&AI Academy FY25

At TPCODL, we are committed to fostering a digital-first culture and equipping our workforce with future-ready skills. Under the leadership of Mr. Himat Tewari, CHRO & Chief-Sustainability and CSR, Tata Power, the D&AI Academy has been instrumental in building AI and digital capabilities since FY21.

Continuing this journey, we officially launched D&AI Academy FY25 on November 26, 2024, at our Management Development Centre, Bhubaneswar, led by Mr. Manoj Kumar Singh, COO, TPCODL. Strengthening our focus on data-driven decision-making, we successfully conducted the Data Evangelist (Track-2) Workshop on December 20th-21st, 2024, in partnership with AntWalk. This initiative marks another step in our digital evolution, empowering teams to drive business success.



Skill Development Centres: Empowering Our Workforce

At TPCODL, we believe in operational excellence through continuous skill enhancement. To achieve this, we have established five Skill Development Centres (SDCs) and thirteen Practice Yards across our distribution circles, focusing on both classroom and hands-on trainings.

Comprehensive Training Approach:

Business Associate employees from AMC up to 33 kV, MMG, RRG, STS and Project groups, along with on-role frontline supervisors, engineers and technicians, have undergone technical and safety training at skill development centres and practice yards through class room as well as hands-on training. Post training sessions, each employee undergoes evaluation of functional competency level as per TPCODL competency framework

Impact on Safety & Competency:

Enhanced competency levels and improved safety compliance have resulted in fewer safety-related incidents.

Employees of other utility:

72 TPNODL on-role technicians have received hands-on technical training on O&M of various distribution equipment and their related safety at SDC-Cuttack.

Training Beyond Employees:

ITI, Diploma and Degree engineering students from TPCODL's licensed area have benefited from technical hands-on training and Train-to-Hire programs.

Milestone Achieved:

By December 2024, SDCs have successfully delivered over 29,000 training man-days, reinforcing our commitment to skill development and safety excellence.

The objective of these training programs is to equip participants with the necessary skills, knowledge and attitude to excel in their roles, drive business growth and stay ahead of the competition.

Our Skill Development Centres are situated in



Welcome to TPCODL Family



Mr Dushyant Kumar Tyagi



Ms Subhashree Dash



Mr Pramod Kumar Das



Ms Ananya Swain



Mr Akash Agarwall



Mr Rishikesh Rajesh Sudke



Ms Monalisa Parida



Ms Neha Marjara



Ms Upasana Mishra



Mr Dhruba Banerjee



Mr Ramesh Koul



Mr Abhishek Mohanty



Ms Sayesha Mohanty



Ms Pratikshya Mohapatra



Mr Priyadarshi Jena



Mr Prafulla Ku. Sahoo



Mr Raja Nayak



Ms Ananya Muduli



Mr Srikanta Bera



Ms Dipti Satapathy



Mr Debananda Sahoo



Mr Shashi Sekhar Biswal



Mr Rudra Pratap Nayak



Ms Manisha Priyadarshinee



Ms Ganda Swatirekha



Mr Debadutta Sahu



Mr Ansuman Parida



Mr Srustiraj Senth



Mr Soumya Prakash Mishra



Mr Subhankar Jena



Mr Ankit Ray



Mr Priyanshu Kumar Sahoo



Mr Himansu Bhusan Panda



Mr Abhyudoy Senapati



Mr Sandeep Mohapatra



Mr Pranit Bhuyan



Mr Manabesh Sahu



Mr Alok Acharya



Mr Piyush Ku. Jena



Mr Ranjan Kumar



Mr Aditya Ku. Sahoo



Mr Subhasis Panda



Mr Pratyush Samal



Mr Amlan Chhotaray



Mr Satyam Kumar



Mr Rohan Ku. Mishra



Mr Surya Narayan Barick



Mr Akash Bhuyan



Mr Gopinath Budek



Mr Pitambar Sahu



Mr Debanjan Sau



Mr Sriman Sathya Prasad



Mr Biswaranjan Sahoo



Mr Ritik Ranjan



Mr Prabhudatta Sethi



Mr Ramprasad Saha



Mr Chandan Kumar



Mr Shuvajit Das



Mr Abhishek Raj

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Operational Initiatives



RELIABILITY INITIATIVES TILL DECEMBER 2024 IN FY 24-25

3188
Nos. Service Distribution
Box added

613
Nos. Distribution Transformer
Added

28
Nos. Power Transformers
refurbished

34
Nos. Power Transformers
Upgraded

6537
Nos. Kit Kat fuse Installed

673
Nos. Dissolved Gas Analysis
of Power Transformer

489
Nos. Partial Discharge of
Ring Main Unit (RMU)

4132
Nos. Thermography of
Distributibon Sub-Station

617
Nos. Thermography of
Primary Sub-Station

753
Nos. Thermography of 33 kV
Feeder

302
Nos. Partial Discharge of
Primary Sub-Station

5656
Nos. Wedge connectors
installed

3.5
km. Insulation Sleeves
installed

1185
Nos. Earthing repair

5704
Nos. Polymeric Lightning
Arresters installed

332
km. New LT ABC stringing

1454
Nos. LT Distribution
Box

NEW INITIATIVES

ESE type Lightning diverter in PSS

At TPCODL, we are steadfast in our commitment to ensuring a robust and resilient power distribution network. As part of our latest initiative, we have commenced the erection of ESE-type lightning diverters in our Primary Sub-station to enhance protection against lightning strikes. These advanced arresters offer a wider protection range, reducing the need for multiple units while ensuring the safety of our infrastructure, equipment and personnel. With an inbuilt ion generator, they proactively intercept lightning, providing immediate grounding and minimizing risks. Their maintenance-free operation and ability to withstand harsh environmental conditions make them a reliable, long-term solution for uninterrupted power distribution.



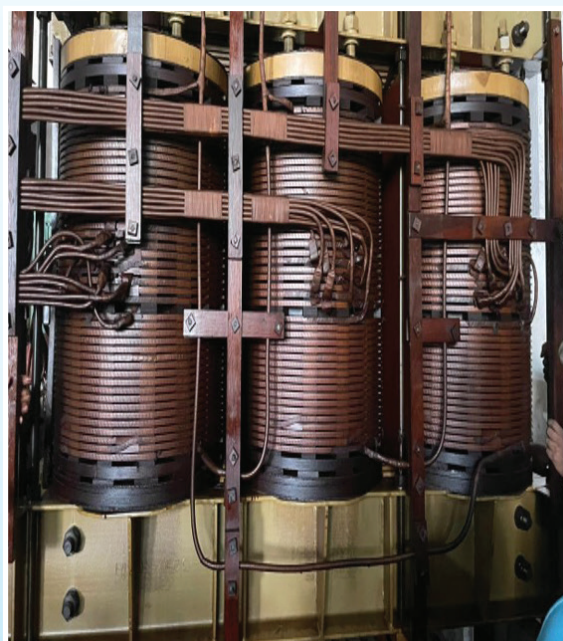
PSS refurbishment work in coastal area

We are upgrading four Power Substations at coastal areas to enhance durability and reliability. Old structures and defunct equipment have been removed and replaced with **new GI channel structures**. This is crucial in **coastal areas**, where high salinity affects infrastructure. Strengthening our grid, one substation at a time!



Life Enhancement of old Power Transformer

We have taken the initiative to improve **IR and Tan Delta values** for PTR above **5MVA**. A complete overhaul of **four PTR (3x 8MVA & 1x 5MVA)** has been carried out, ensuring better efficiency and reliability for system augmentation.



In-house developed Dehumidifier to avoid moisture ingress

We have successfully installed in-house developed de-humidifiers at Chhatabar and Nagpur PSS, with plans for deployment at more substations. This initiative helps prevent flashovers in HV indoor switchgear, enhancing system safety and reliability.



INITIATIVES FOR RELIABILITY & SAFETY



Powering Navy Day Celebrations

TPCODL ensured an uninterrupted and reliable power supply during Navy Day celebrations, supporting the grand event with seamless electricity. Our team worked tirelessly to keep the lights shining bright, honoring the spirit and valor of the Indian Navy.



Powering Progress: Strengthening Reliability in Cuttack & Bhubaneswar

At TPCODL, our commitment to enhancing power reliability, reducing overloading and strengthening infrastructure remains unwavering. Through strategic projects, we are ensuring seamless electricity supply and improved service quality for our consumers.

Transforming Power Distribution in Cuttack Circle

We have undertaken key initiatives to upgrade our network and enhance reliability across Cuttack Circle:

33 kV Bahugram Line (Salepur Division): A new 33 kV line from 132 kV Atoda Grid to Bahugram PSS (6.5 ckm) now serves 16,000 consumers, reducing dependency on the OPTCL Balia Grid.

- ⚡ **11 kV Patpur-Padmapur Linking Line:** Constructed to balance the load between Padmapur Industrial Feeder and Patpur Feeder, benefiting 3,000 consumers.
- ⚡ **33 kV Balikuda Feeder:** Replacing overloaded 80 sq mm & 55 sq mm conductors, ensuring reliable power for 8,000 consumers during peak summer.
- ⚡ **33 kV Jagatpur-Bahugram Line:** A 9 ckm industrial feeder with two 33 kV RMUs, mitigating summer overloading in Jagatpur Industrial Area.
- ⚡ **11 kV Switchgear at Chowdhur PSS:** 13 new switchgear panels commissioned to boost power reliability.
- ⚡ **LTDB Charging in CDD1 Division:** 70 LTDBs energized, benefiting 5,000 consumers.
- ⚡ **RMUs for Industrial Reliability:** Two 33 kV and three 11 kV RMUs installed in Jagatpur Industrial Area.
- ⚡ **CMPDP Project:** New Transformer Installations: 50 new Distribution Transformers (DTRs) commissioned for capacity expansion.
- ⚡ **LT ABC Stringing for Loss Reduction:** 34 km of LT Aerial Bunched Cable (ABC) installed to replace bare conductors, strengthening network resilience.

Enhancing Power Supply in Bhubaneswar

In Bhubaneswar, we continue our efforts to meet growing demand and ensure uninterrupted power supply:

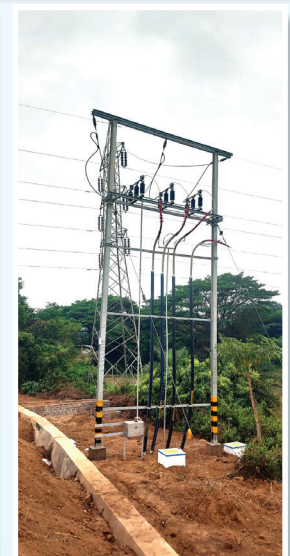
- ⚡ **25 MVA Power Transformer at Pandra PSS:** Successfully charged, benefiting 10,000 consumers and addressing future load demands.
- ⚡ **2 ckm Underground Cable with RMU at Waterwork Feeder:** Energized to enhance reliability for 2,000 consumers.

Through these proactive upgrades, we reinforce our commitment to a stronger, more efficient, and future-ready power distribution network. TPCODL remains dedicated to delivering reliable electricity to every consumer, every day!

Strengthening Network Reliability Through O&M and Capex Initiatives

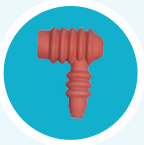
At TPCODL, we are dedicated to enhancing power reliability by implementing best Operation & Maintenance (O&M) practices and capital expenditure (Capex) projects. Our continuous efforts are driving efficiency, resilience and service excellence for our consumers.

Glimpses of Reliability Improvements in Cuttack & Bhubaneswar

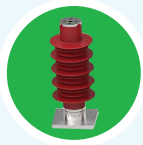


O&M Initiatives: Driving Reliability Improvement

We have adopted best-in-class O&M practices to enhance network performance, including:



Installation of Bushing Boots for better insulation and reduced failures.



HV Insulation Sleeves to strengthen high-voltage equipment protection.



Shear Bolted DTR Connectors for enhanced distribution transformer reliability.

Additionally, we have implemented a TQM-based approach to improve critical feeder reliability in Bhubaneswar and Cuttack City Divisions. 52 feeders (Bhubaneswar-I: 32, Cuttack: 20) have been identified, with maintenance being carried out under the TQM methodology to ensure sustained performance and minimal disruptions.

Capex Initiatives: Strengthening Infrastructure

To boost network capacity and reliability, we have undertaken key Capex projects, including:



Augmentation of 212 Distribution Transformers (DTRs) to meet increasing demand.



Installation of 20 ckm of additional LT Aerial Bunched (AB) Feeders for improved distribution efficiency



Installation of 720 LT Distribution Boxes (LTDBs) for enhanced DTR protection and network stability.

These initiatives reflect our commitment to modernizing the grid, minimizing outages, and delivering uninterrupted power to our consumers. TPCODL remains dedicated to powering progress with innovation and excellence!



Ensuring Reliable Power Supply for Baliyatra 2024

We delivered a safe and reliable power supply for Baliyatra 2024, Asia's largest open trade fair. As the festival kicked off on November 15, we took extensive measures to ensure uninterrupted electricity across the 130-acre fairground.



1,000+ temporary connections provided to stall owners through a seamless application process.



10 Fuse Call Centers set up for quick response to any technical issues



Enhanced safety measures including substation fencing, conversion of bare conductors to LT AB cables and strategically placed fire extinguishers.

With these initiatives we proudly powered Odisha's rich maritime heritage and ensured a smooth experience for all visitors.



Cyclone Dana: Our Commitment to Swift Power Restoration

As Cyclone Dana approached Odisha, we at TPCODL took proactive measures to ensure minimal disruption and rapid recovery. We activated L2 Alert, mobilized 7,200 personnel and pre-positioned essential materials and equipment to tackle the impact head-on. Our preparations included tree trimming across 419.95 km, stocking up 7,069 poles, 173 DTRs and 142.35 km of ABC cables and reinforcing strict safety protocols.



Mobilized 7,200 Personnel



across 419.95 km



stocking up 7,069 poles



173 DTRs



142.35 km of ABC cables

Impact & Restoration Highlights

Landfall:

Between Bhitarkanika and Dhamra (Jagatsinghpur & Kendrapada) at 100-120 kmph



Network Damage:

57 (33kV) feeders, 79 substations, 457 (11kV) feeders, 39,030 DTRs affected

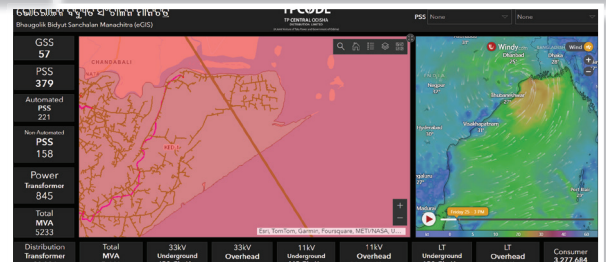
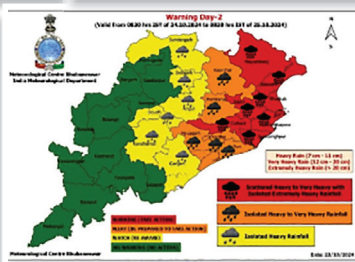
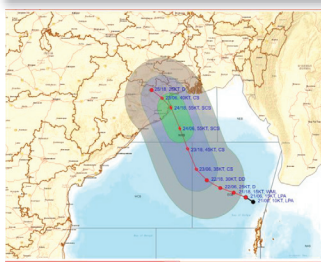
Rapid Recovery:

We restored 90% of power supply within 24 hours and 100% within 48 hours, benefiting over 10 lakh consumers

Critical Infrastructure:

District hospitals and major water supply points were powered within 6 hours

With e-GIS tracking, real-time monitoring and seamless coordination, we ensured swift and efficient restoration. Our leadership, along with the Deputy CM Shri Kanak Vardhan Singh Deo and Principal Secretary Shri Hemant Sharma, remained actively involved, guiding and reviewing progress on the ground.



Our power warriors, from linemen to senior leadership, worked tirelessly to restore electricity across affected regions. This experience reinforces our commitment to strengthening network resilience, enhancing GIS-based disaster response and improving feeder-wise consumer mapping for quicker restoration in the future.

RCC Fencing of Distribution Transformers in Elephant Corridor: Enhancing Safety for Elephants

At TPCODL, we are committed to sustainable infrastructure development that prioritizes both human progress and wildlife conservation. One of the key challenges we face is ensuring the safety of elephants in designated elephant corridors, where power infrastructure intersects with their natural habitat.

Distribution transformers, essential for electrification in rural and industrial areas, can pose a serious risk to elephants. Being naturally curious, elephants may come in contact with electrical infrastructure, leading to fatal electrocution incidents. To prevent such tragic occurrences and promote peaceful coexistence, we have implemented Reinforced Cement Concrete (RCC) fencing around transformers in these corridors.

Why RCC Fencing?

Unlike traditional fencing methods such as barbed wire or chain-link, **RCC fencing offers superior strength, durability and safety**. Its key advantages include:



High Strength & Durability :

RCC structures can withstand the immense force exerted by elephants, preventing accidental breaches and ensuring long-term protection of electrical equipment.



Non-Conductive Properties

Unlike metal-based fences, RCC fencing eliminates the risk of electrocution, adding an extra layer of safety.



Weather & Maintenance Free –

Built to last for decades, RCC structures require minimal upkeep, making them a cost-effective and sustainable solution.



Customizable & Eco-Friendly –

Designed to seamlessly integrate with the surroundings, RCC fencing ensures that elephant movement remains undisturbed while effectively securing electrical assets.

100+ LOCATIONS IN ELEPHANT CORRIDOR AREA HAVE BEEN MADE SAFE THROUGH RCC FENCING

A Sustainable Approach to Wildlife Conservation

By adopting RCC fencing, we are taking proactive measures to protect elephants while ensuring uninterrupted power supply to communities. The benefits of this initiative include:

Reducing Elephant Fatalities:



Preventing direct contact between elephants and transformers significantly lowers the risk of electrocution.

Preserving Elephant Corridors



Strategically placed RCC fencing ensures transformers are secured without disrupting elephant movement.

Promoting Human- Wildlife Coexistence



Demonstrating our commitment to responsible development fosters goodwill among conservation groups, government authorities and local communities.

Balancing Development with Conservation

At TPCODL, we believe that progress should never come at the cost of wildlife. Through **Mission Gaja Sanrakshan**, we are reinforcing our commitment to **sustainable infrastructure practices** that protect both people and nature. By prioritizing **safety and coexistence**, we are building a future where **humans and elephants can thrive together in harmony**.



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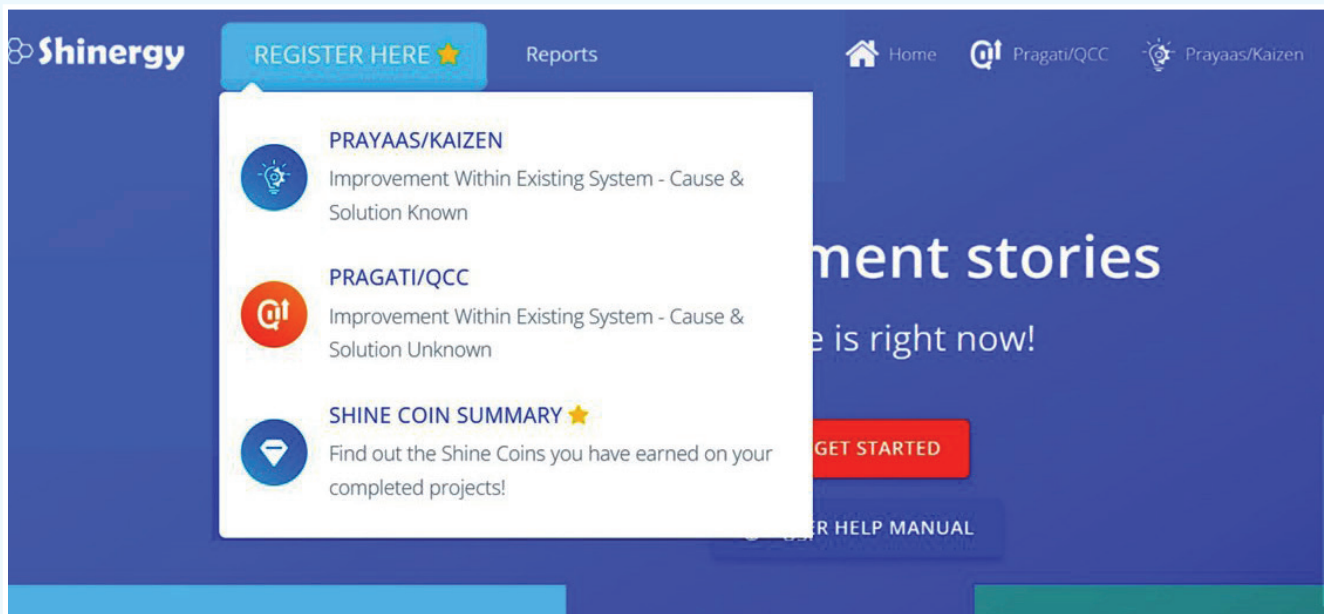
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*Business
Excellence*



Launch of Shinerger Application for registering Improvement and Innovation Project

We are excited to announce the launch of *SHINERGY*, our Continual Improvement Platform designed to streamline processes, enhance project visibility and uphold the highest standards of quality. Open to all employees, this platform supports projects like *Prayaas/Kaizen*, *Pragati/QCC* and Innovation initiatives, creating a repository of improvement efforts. Aligned with the TQM framework, *SHINERGY* manages the complete project lifecycle, from registration to assessment, ensuring seamless monitoring and evaluation of all initiatives.



TQM Practitioner Program

We conducted a 2-Day TQM Practitioner Program for all Odisha DISCOMS at our Management Development Centre, Bhubaneswar, on 11th & 12th July 2024. This transformative workshop, attended by more than 50 senior leaders, marked a significant milestone in our journey toward excellence. We were privileged to have TQM Guru Dr. Pankaj Kumar, renowned for his role in TATA Steel's Deming Prize achievements, as the faculty. The program provided valuable insights into Total Quality Management, empowering participants with practical guidance for TQM implementation.



Annual QCC & PRAYAAS Competition FY24

Continuing our focus on continual improvement, we successfully conducted the Annual PRAYAAS and QCC competition for FY24 virtually from 18th to 20th July 2024. A total of 72 PRAYAAS projects and 14 QCC projects from diverse functions such as E&MR, Projects, Customer Services, Safety and more were presented. These projects were evaluated by a cross-functional jury on problem selection, solution implementation, business impact and process improvement, showcasing our commitment to driving innovation and excellence.

Innovation Workshop FY25

We organized the 1st Innovation Workshop for FY25 to review FY24 innovation projects and plan new ones aligned with LAKSHYA FY27. Reflecting on our journey, we have achieved 113 innovations, with 3 projects registered for patents.

In collaboration with Odisha DISCOMs, we launched specific eHacks on Tata Ideas, garnering over 1,000 submissions from across Tata Group Companies. Of these, 8 winning ideas have been developed into projects currently being executed.

The workshop concluded with the presentation of selected ideas from the 'Innocean' competition for GETs. Winners were felicitated by our CEO and Senior Leadership Team, celebrating the spirit of innovation.



Business Excellence Champions Programme

In FY24, Tata Power joined an elite group of companies scoring 700+ in the TBEM Assessment-a milestone achieved through leadership commitment, strategy deployment, customer focus, data integrity, workforce management, operational excellence and safety.

Continuing this journey, we organized the 3-Day Business Excellence Champions Programme from September 4-6, 2024. Facilitated by Mr. Sayantan Roy and Ms. Loveleen Mishra, the program focused on embedding the TBEM framework into our business processes to drive exceptional results.

The session, attended by over 36 participants, reinforced our commitment to making Business Excellence a way of life at TPCODL.



TQM Workshop : Driving Strategic Projects Using QC Story

We successfully conducted a 2-Day TQM Workshop on “Driving Strategic Projects Using QC Story” at our Management Development Centre on September 2-3, 2024.

Led by TQM expert Dr. Pankaj Kumar, the workshop provided practical insights into the QC Story methodology and tools to enhance our strategic projects. With around 50 participants, the program focused on empowering project teams working on critical FY25 initiatives, which are closely monitored by our senior leadership.



5S Workplace Management

To assess and enhance 5S Workplace Management across the organization, we conducted a 3-day site visit from July 22-24, 2024, in collaboration with Mr. Satyawan Nayak, QCFI Consultant.

We visited 2 Customer Care Centers, 1 Division, 6 Primary Sub-stations and 4 Stores, interacting with around 150 employees. Valuable inputs were shared to strengthen 5S practices, fostering a culture of efficiency and organization.



Quality Month 2024: From Compliance to Performance

At TPCODL, we are committed to fostering a culture of excellence through Total Quality Management (TQM). This commitment was reinforced during the fourth edition of Quality Month, launched on 4th November 2024 in hybrid mode to maximize engagement. Our theme this year, "Quality: From Compliance to Performance," emphasized going beyond regulatory expectations to drive sustained performance excellence.

Opening Ceremony

Our **CEO and Chairperson, TQM Core Committee, Mr. Arvind Singh**, along with the senior leadership team, inaugurated the event at the Corporate Office. The session reflected on past initiatives and laid out the **Quality Month 2024** roadmap. Our CEO reinforced the importance of **"First Time Right"** and minimizing the **"Cost of Poor Quality"**, urging us to **move beyond compliance and embed quality in every process**. COO **Mr. Manoj Singh** highlighted the need for **Quality Circles** at every level to drive continuous improvement.

A key milestone was the unveiling of the **first edition of the TQM Workbook on Daily Management** (ଦୈନିକ ପରିଚାଳନା), providing a structured approach to integrating quality into daily operations.



Key Initiatives & Achievements

1. Continual Improvement

A

10 Quality Circles (QCCs) were established across departments, aligning with our **Total Employee Involvement (TEI)** framework.

B

The **Annual QCC and Prayaas competition** saw participation from **72 Prayaas and 14 QCC teams** across Engineering, Customer Services, Operations, Safety, Corporate Communications, and more.

C

Our achievements included **9 Gold Awards at ICQCC** and a **QCC project ranking 3rd in the T&D Cluster Delta Competition**.

2. Capability Building

Over the month, we facilitated numerous learning sessions:

A

SEEKH session on IMS & TQM by the Business Excellence Team.

B

TQM Experience Sharing by COO, Mr. Manoj Singh.

C

Train-the-Trainer program by Dr. Pankaj Kumar, TQM Guru.

D

5S Best Practices Session by QCFL Consultant, Mr. Satyawan Nayak.

3. Visual Workplace Management

A

30 model locations have been identified across Division Offices, Section Offices, Customer Care Centers and PSS.

B

A **self and management audit-based competition** was conducted and winners were recognized.

4. Rewards & Recognition

We celebrated our **quality champions**, including:

A

Winners of the QCC and Prayaas competitions.

B

Gold Awardees at ICQCC.

C

Top performers in 5S, quizzes, poster and slogan competitions.
COO **Mr. Manoj Singh** was felicitated for his outstanding contribution to our **TQM journey**.

Closing Ceremony

The **Quality Month 2024** concluded on **12th December** at the **Management Development Centre, Bhubaneswar**. Our CEO emphasized that **customer expectations will continue to evolve** and we must **deliver superior service efficiently through structured quality practices**. COO Mr. Manoj Singh and CGM Mr. Dipankar Behera reinforced the **integration of risk-based thinking** and the **importance of cross-functional process ownership**.

With **over 2,500 employees engaged**, **Quality Month 2024** has strengthened our collective commitment to excellence. We move forward with a renewed focus on **embedding quality in every process, ensuring compliance and driving performance at all levels**.



**Together, We Drive
Quality Forward!**

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Corporate Social Responsibility



Women Literacy Center (VIDYA)

At TPCODL, we are empowering non-literate women in rural and slum areas through our 25 Women Literacy Centers across Khordha, Cuttack, Puri and Angul. These centers provide functional, digital and financial literacy in Odia while fostering community participation through volunteering and national event celebrations.

With each batch, we see inspiring progress. Beneficiaries complete the six-month course, earn certificates and become functionally literate, spreading awareness about the power of education. Our second batch of trainees has now enrolled, ensuring the program's continued impact.

To further strengthen the initiative, we conducted refresher training for Peraks (Tutors) with the TCS team and facilitated enrollments in government schemes. We also paid tribute to Shri Ratan Tata on his birthday and organized a sports meet, encouraging confidence and camaraderie among our beneficiaries.

Through VIDYA, we continue to transform lives, empowering women with knowledge and new opportunities for a brighter future.

25

Women Literacy Centers



Women Literacy Centers : Khordha, Cuttack, Puri and Angul



Club Enerji

At TPCODL, our **Club Enerji** sessions continue to inspire students on energy conservation, natural resource management and Sustainable Development Goals. Our newly launched '**Generation Green**' campaign, covering **33 schools and 2,902 students**, has driven student-led efforts in resource conservation, reinforcing our motto, "Powering Transformation" and our vision that "Sustainable is Attainable."

Building on this momentum, we hosted the **first edition of the State Level Urja Mela** on **November 13**, bringing together **500+ students from 75+ schools** across TP Odisha Discoms. The event featured **competitions** such as **Science Exhibition, Best Out of Waste, Quiz, Poster Making and Essay Writing**, alongside **stalls showcasing the best CSR practices across TP Odisha Discoms** and informative exhibits. Participating **Tata Power entities** were honored with the '**Urja Samman Award**' for their contributions.

A key milestone was the **launch of the Club Enerji module in vernacular language**, ensuring broader outreach. The occasion was graced by **Padma Shri awardee Shri Sabarmatee**, with enthusiastic participation from **Tata Group entities (Tata Steel, IHCL, Tata Strive, Tata Trusts, TCS), government stakeholders, UN agencies and industry partners.**

Through such initiatives, we continue to empower the next generation with knowledge and action, driving a sustainable future for all.



**500+ students
from 75+ schools**



**33 schools and
2,902 students**

Adhikaar – Facilitating Access to Government Entitlements

At TPCODL, our flagship program, '**ADHIKAAR**,' continues to enhance inclusivity by ensuring marginalized communities access government schemes. Successfully piloted in **five Gram Panchayats of Daspala Block (Nayagarh)**, the program has set up **Block-level Adhikaar Information Centers** and deployed **Adhikaar Mitras** to assist individuals in availing entitlements. **Adhikaar Sathis** have been conducting awareness sessions with active participation from the Nayagarh Electrical Division Team.

To further strengthen the initiative, we hosted a **Block-Level Adhikaar Dissemination Workshop** to promote stakeholder collaboration. A **comprehensive booklet** outlining various government schemes has been developed for rural beneficiaries. **Sankirtan** has been leveraged as a mass media tool to create awareness, ensuring deeper community engagement.

So far, **5,225 beneficiaries** have been enrolled under different government schemes. Additionally, we observed '**Seva and Sraddha Mahotsav**' in collaboration with the **Forest and Panchayati Raj Departments** of Odisha. With strong government partnerships, we continue to empower communities, bridging gaps and transforming lives.

5225 Beneficiaries



Skill Development and Entrepreneurship Center (DAKSH)

At TPCODL, our **Skill Development and Entrepreneurship Center (DAKSH)** continues to empower youth with industry-relevant training. We successfully concluded **Security Guard Training for 30 students** under the NSDC-certified module, equipping them with practical skills and behavior change communication. A **Parent-Teacher-Trainee** interface meeting, featuring a special **march past and guard of honor**, created an emotional moment as guardians appreciated the program's impact. All trainees have been successfully placed in various organizations.

Expanding our efforts, we have now trained **60 students** under DAKSH. We also inaugurated the **Odisha Green Job Academy in Bhagatpur, Cuttack** and initiated training for **EV Technicians and Solar Technicians in Tangi, Cuttack**. Additionally, we are developing a **WASH Model Village in collaboration with UNICEF** and enhancing student exposure through **Expert Talk Sessions** via online participation.

Through strategic collaborations, including discussions with **Tata Strive** for hospitality and service sector training, we continue fostering employability and economic growth in our communities.

30 STUDENTS SECURITY GUARD TRAINING

60 STUDENTS UNDER DAKSH



Vocational Training Cum Jute Production Center (ROSHNI)

At TPCODL, our **Roshni Training Cum Jute Production Center** in Khordha continues to empower rural women with stitching and tailoring skills. With **50 women successfully trained** and the second batch now enrolled, we are fostering financial independence and entrepreneurship.

Our women-led **Common Need Group** is actively fulfilling market orders, having further honed their skills under expert training from a **Jute Board (Government of India) master trainer**. To expand market reach, they showcased their products at **Baleswar Mela, Rakhi stalls and Baliyatra**, enhancing brand visibility and sales.

Reinforcing holistic well-being, we also conducted a **Breast Cancer Awareness session** under Tata Power's '**Ganthpe Dhyam**' campaign, emphasizing early detection and prevention. Through **ROSHNI**, we continue to uplift women, equipping them with skills, confidence and market opportunities.

50

**WOMEN
SUCCESSFULLY
TRAINED**



Dhokra Metal Craft Cluster (SAMRIDDHI)

At TPCODL, we are committed to preserving heritage and empowering artisans through the **Dhokra Metal Craft Cluster** in **Saptasajya, Dhenkanal**. Our **first batch of 40 craftsmen** successfully completed training under a master trainer and we continue to support them through government linkages and market-led interventions.

To enhance visibility and sales, artisans showcased their work at **Baliyatra** and we organized a **Dhokra Metal Craft Dissemination Workshop** at **Nuagaon** with key stakeholders, including **Mission Shakti, ORMAS and the District Handicraft Department**. A **special training session** with a **Chhattisgarh-based expert** introduced product innovation through fusion techniques.

Furthering our commitment to holistic development, we conducted a **special medical camp** for artisans and strengthened government partnerships for **social security scheme access**. Through these initiatives, we continue to uplift traditional craftsmanship, ensuring sustainability and growth for the artisan community.

40

FIRST BATCH
OF CRAFTSMEN

Local Art Cluster (SAMRIDDHI)

At TPCODL, our **Samriddhi Training Center** in Baliana continues to empower **240 women artisans** through training by **National Award-Winning Trainers**. Linked with the '**Kalapunaruthan**' **Producer Company**, these artisans now have better market access, supporting our mission to revive heritage crafts and promote sustainable livelihoods.

To expand outreach, we organized a **Buyer Interface Meeting** at Baliana and introduced a **Pattachitra Training Program** to diversify skills. Artisans also showcased their products at **Baliyatra** and during **Tata Sustainability Month** at TPCODL's **Management Development Centre**, where appreciation from our **CEO and senior leadership** boosted their confidence.

Through skill-building and market connections, we continue to drive economic empowerment while preserving Odisha's rich cultural heritage.



240

WOMEN
ARTISANS

Mobile Health Dispensary (AROGYA)

At TPCODL, **Program Arogya** continues to make a significant impact by bringing essential healthcare directly to underserved rural areas. Our **four Mobile Health Dispensaries (MHDs)**, equipped with doctors, pharmacists and attendants, have served over **92,569 beneficiaries** till December 2024. The MHDs played a crucial role during **Puri Rath Yatra**, benefitting **8,212 individuals** and also supported the **Odisha State Level Skating Competition** in Bhubaneswar, where their presence was highly appreciated.

In addition to medical support, we've conducted 131 awareness camps, educating communities on healthcare, hygiene and sanitation. The program also provided medical support in Cyclone 'Dana'-affected areas of

Kendrapada and Jagatsinghpur. On Gandhi Jayanti, we organized exclusive medical care for sanitation workers in Boinda, Angul, further emphasizing our commitment to community well-being and holistic development.

92,569

BENEFICIARIES

8,212

INDIVIDUALS

131

AWARENESS
CAMPS

Volunteering Activities (ARPAN)

At TPCODL, we continue to drive positive change through a wide range of **volunteering activities** aligned with our core values. During **Tata Volunteering Week 2022**, **2,326 volunteers** contributed **14,281 hours**, benefiting **28,592 lives**.

In **Q3**, our volunteers participated in a **Mega Volunteering Camp at Cuttack Baliyatra**, promoting **cleanliness and Sustainable Development Goals (SDGs)**. We recycled **100+ kgs of plastic**, raised awareness on 'Be My Scribe' for visually impaired students and celebrated **Shri. Ratan Tata's Birthday** with **specially-abled students** under 'Divya Jyoti'.

Further, volunteers supported **children at orphanages**, showcased **origami products** made by students and promoted **employment opportunities for youth** with **Tata Strive**. The **Nayagarh Electrical Division Team**

also distributed blankets at an **old age home** and we celebrated a **Green Diwali** by distributing food packets to **sanitation workers**. Through these initiatives, we continue fostering **inclusivity** and **holistic growth** in our communities.



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Solar Awareness Programme for

TPC[⚡]ODL

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BHUBANESHWAR, ODISHA

FRIDAY, 06 SEPT '24

Events



INDEPENDENCE DAY CELEBRATIONS

We proudly celebrated India's 78th Independence Day across all our circles with immense enthusiasm and patriotic spirit. The celebrations began with the hoisting of the National Flag at all locations, with our CEO, Shri Arvind Singh, hoisting the flag at the Corporate Office in Bhubaneswar.



Fostering Integrity: Vigilance Awareness Week at TPCODL

We at TPCODL observed Vigilance Awareness Week from October 28 to November 3 under the theme “Culture of Integrity for Nation’s Prosperity.” The week featured integrity pledges, outreach programs and educational events across all locations, reinforcing our commitment to transparency and ethics.



Vishwakarma Puja Celebrations across TPCODL

We celebrated Vishwakarma Puja across all our offices with devotion and enthusiasm. The occasion honored Lord Vishwakarma, the divine architect, as we sought his blessings for safety, innovation and excellence in our work.



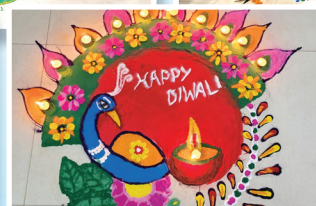
Bachha Party 2024

Celebrating the joy and innocence of childhood we hosted a fun-filled Baccha Party on Children's Day, filled with exciting games, interactive activities and joyful moments. It was a heartwarming celebration, creating cherished memories for our young stars-the bright future ahead.



Diwali Celebrations Across TPCODL

We at TPCODL celebrated Diwali with great enthusiasm across all our offices. With vibrant decorations, diya lighting and festive cheer, we came together to share sweets, exchange greetings, and embrace the spirit of togetherness. It was a celebration of light, joy and unity, reflecting our commitment to illuminating lives in every way.



Mass Awareness Campaign to drive widespread Solar Rooftop Solutions

To promote solar adoption across Central Odisha, we at TPCODL organized an awareness event, kickstarting a major push for **rooftop solar installations**. The initiative aims to educate **residential, commercial and industrial consumers**, encouraging a shift towards sustainable energy



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Awards and Accolades





Kalinga Safety Excellence Award at National Safety Conclave 2024



ICC Innovation with Impact Awards for Discoms 2024



Gold Award for Digitally Karan - Online Payment Journey at the 99th SKOCH Summit 2024



International Convention on Quality Control Circles 2024



Silver Award for Digitalisation of Procurement Process at the 99th SKOCH Summit 2024



Odisha CSR & Leadership Summit & Awards 2024 by Odisha CSR Forum



Rolling Trophy for Achieving Safety Targets



TPCODL wins BIG at CCQC 2024 Bhubaneswar Chapter



Odisha CSR & Sustainability Excellence Award 2024 by ASSOCHAM



Recognition by Indian Red Cross Society for exemplary support through Blood Donation Camps under Mission Jeevan



CII Energy Conservation Award (ENCON) 2024



Odisha CSR & Leadership Summit & Awards 2024 by Odisha CSR Forum



Special Jury Award in 3rd Edition of Social Leadership Conclave and Awards-2024, by Bengal Chamber of Commerce and Industry



Silver Award for Digitalisation of Procurement Process at the 99th SKOCH Summit 2024



Reward & Recognition for Paradeep Circle Team by President T&D for Swift and Safe Power Restoration after Cyclone DANA



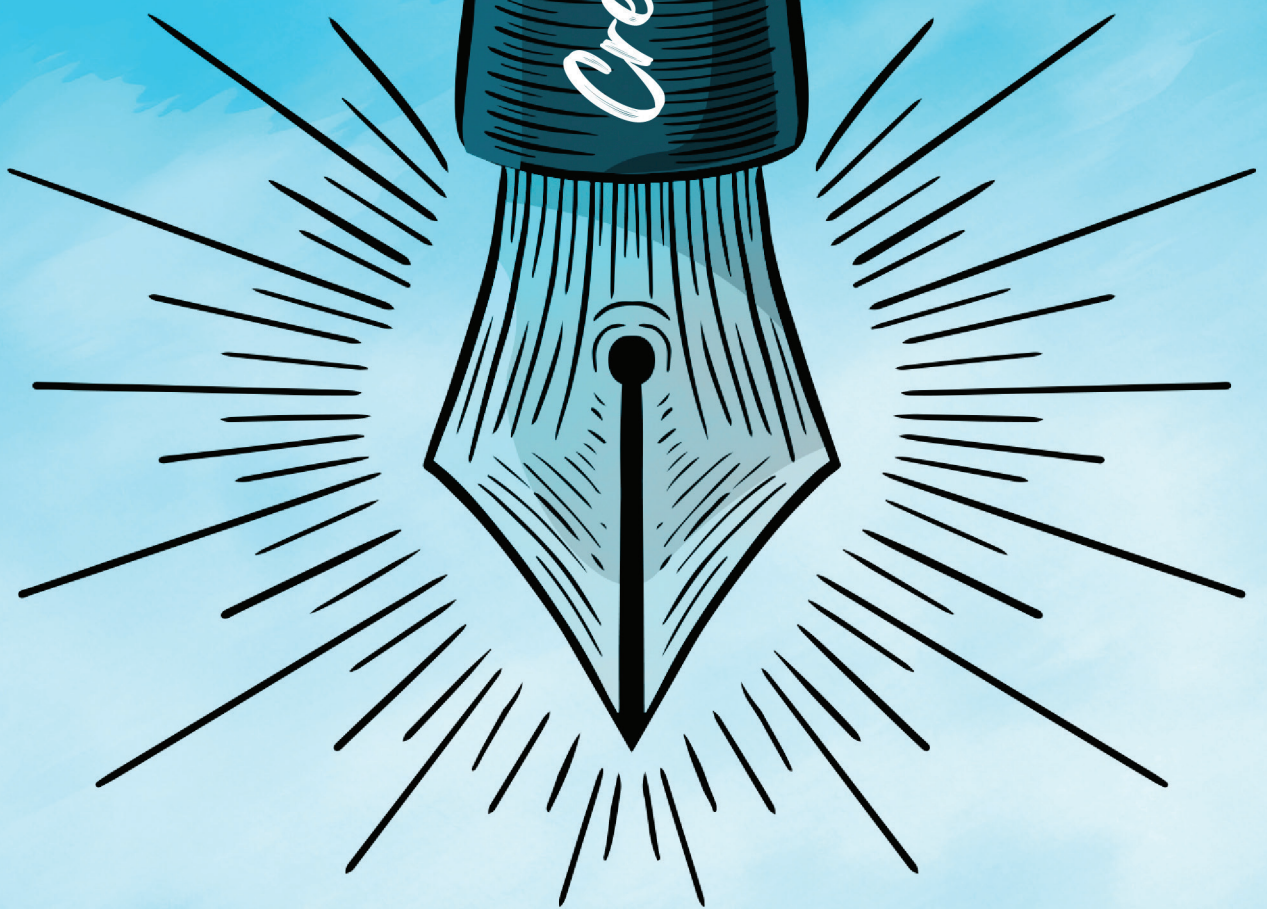
CII Odisha State Level Excellence Awards 2024

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Creative Sparks



Centralized & Decentralized Approach for Safe, Reliable Power Supply using IT-OT

Chintamani Chitnis

Chief - PSCC, Automation & GIS



Abstract: Conventionally it has been observed in the Country that OT systems such as SCADA, DMS, OMS, and GIS etc. are largely implemented in Urban areas of the Distribution Utility. By virtue of the same a better visibility and control is achieved on the urban network distribution network. Although better operational control is achieved, however an effective system of operational, safety, outage & reporting management is far from reality. Add to this fact that we gain control only on a part of the discom under the OT system while the balance (mostly larger part) of the system continues to operate as per the historical approach creating a disparity both for the consumers and the discom. This would become more of a reality when Tata Power took over the Central Odisha Discom. We went ahead with actually developing a kind of Prototype for network management of Automated–Non Automated and Urban–Rural setup which can be replicated elsewhere in the country. The significance of this approach is that that this probably the only example in the country for a Distribution Utility of this expanse for having managed its network operations with a composite Centralized and Decentralized approach. This approach has brought about a paradigm shift in the way large Distribution Utilities with an Urban and Rural footprint are operated.

Keywords- Power System Control Centre (PSCC), Area Power System Control Centre (APSCC), Permit To Work (PTW), Suraksha, SCADA, Information Technology (IT), Operations Technology (OT)

I. Introduction

TP Central Odisha Distribution Ltd (TPCODL) came into inception on 1.6.2020 on taking over the operations of Odisha State's Central Electricity Supply Utility (CESU) as a JV between Tata Power and Govt. of Odisha. One of the foremost task of the organization in the area of Operations was to quickly make operational a Centralized Mechanism for Reporting, Monitoring of Critical operational parameters on a daily basis to the Management so that better visibility was available for decision making. This would at the same time build a data repository for reference and analysis as we mature into the journey. Getting the

visibility of Power Distribution Network and Control for ensuring Safe Operations and also ensure Safe Maintenance practices was the next objective in the journey of Operations Excellence. The core at all this was to adopt and implement automated processes for Support functions with minimal or no manual intervention.

TPCODL has managed to achieve this by leveraging power of Information Technology (IT) & Operations Technology (OT) integration by deployment of critical in-house developed tool "Suraksha Kavach" on the IT side and SCADA on the OT side. With Suraksha Kavach tool, a plethora of modules have been developed for catering to the customized needs of all connected stakeholders. This has brought about remarkable change in

- Delivering promising results towards ensuring safety
- Achieving operational excellence
- Managing events database for effective reporting
- Systematic planning of maintenance activities
- Information delivery to consumers regarding supply restoration
- Live feed of power status to Customer Care/ Call Center
- Conducting Energy Audits

This was made possible by a systematic module based training, monitoring and retraining around 4400 in-house employees and more than 22,000 business associates. Crucial data points were now available in livestream to our Call Center and could also be shared to immediately with Customers via SMS, WhatsApp etc. The huge amount of data gathered could now be used for analytics and systematic deduction and works as a trigger for planning maintenance or infrastructure development accordingly.

II. Establishment of Power System Control Centre (PSCC)

Earlier all network operations were carried out in a decentralized manner locally by Substation

Operators or Line staff as required for each of the Divisions/Sub Divisions/Sections of the Discom. With this approach an overall monitoring and status of the network would therefore be difficult. Further though there existed a process of Permit to Work (PTW), the practices followed across Divisions were not uniform. Monitoring of Operational parameters at a centralized level was not possible.

Normally the concept of a Centralized Control Centre for Control, Monitoring and Reporting on a daily basis would be the panacea to begin with, as is the case with most of the progressive discoms in the country and elsewhere in the world as a Distribution System Operator (DSO) with the only difference being that it has a full scale deployment of SCADA for complete visibility and control.

To begin with a 24 x 7 Control Centre or Power System Control Centre (PSCC) was institutionalized with manning round the clock and to begin with only reporting in the Form of a Daily Flash Report which would have reporting of critical network parameters.

III. Expanse of the Geographical area & Network Demographics

The essential point to be noted and which reinforces the requirement of a Central Network Control Centre is the sheer expanse of the proposition in the sense that we are talking of an area of 30,000 Sq. Kms, consumer base of about 27,00,00 consumers catered by 220,33 kV Feeders, 370, 33 /11 kV Primary Substations (PSS), 1200, 11 kV Feeders and about 71000 Distribution Transformers which are spread across twenty Divisions in urban, semi urban and rural areas of the discom.

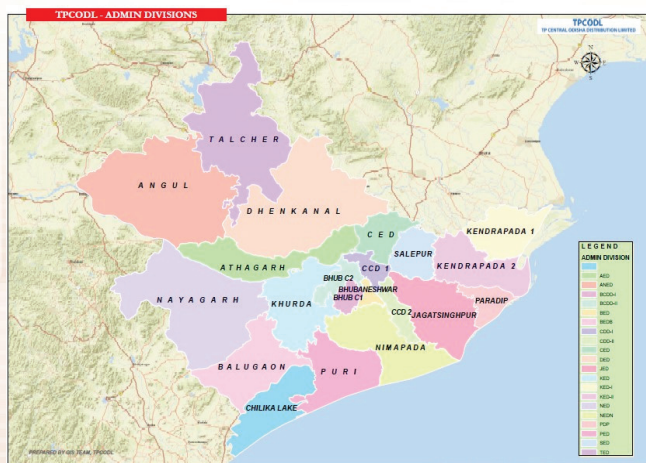


Fig 1 Geographical Spread

This becomes more complex when we consider the fact that the PSS are mixed of Automated and Non Automated or integrated to SCADA & remotely controlled or not.

IV. Approach

The consolidated approach for taking control of the distribution network across the discom has been exemplified in Fig 2. The OT system in terms of SCADA was to be made operational and functional. While the SCADA system is made Go Live, its sustenance, operations and scale up is a challenge in most of the geographically spread discoms.

Start of the journey was in a similar fashion wherein the SCADA system was to be made functional. In terms philosophy of operations, a shift from totally manually operated PSS to automated PSS by integrating to SCADA for remote operations was the first phase. This phase involved a lot of ground work in terms of change management in terms of people and processes. Detailed Standard Operating Procedures (SOP) were developed, extensive training was imparted to the PSCC Desk Engineer's, Line staff and Engineers in the field with respect to Operations and Safety.

As these PSS matured in terms of the changed philosophy of operations, they were then taken to the next level in terms of Unmanning of the remotely operated PSS. This was effected by clubbing 3 to 4 PSS and operating them through a Mobile Operations Crew (MOC) normally stationed at any one of the PSS.

Considering the expanse of the network, it was not possible to cover all the PSS under automated

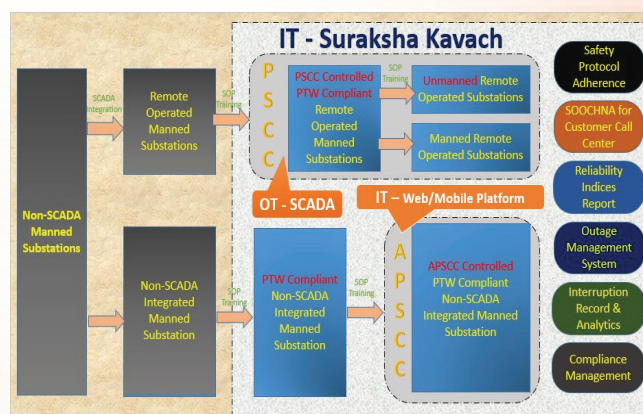


Fig 2 Centralized & Decentralized control with OT on one side and IT on the other side

operations and therefore we have now landed up into a situation where we had one set of PSS which were centrally monitored and controlled and other set of PSS which were not monitored or controlled at all and were on a standalone basis. This is the situation which we needed to alleviate and see that even though PSS were not SCADA integrated we needed to have a near real time view of network through some IT intervention that could be common to both remote Operated and manually operated stations or in effect an approach of Centralized & Decentralized control with OT on one side and IT on the other side.

This is kind of framework was needed to be developed for adopting a mix of Centralized and Decentralized control for these PSS. Also as we moved ahead in the journey need was also felt to Unman PSS and actually reap the benefits of Automation. Arising out of this, various combinations of control were required to be established:

- 1) Centralized Automated Remotely operated manned PSS
- 2) Centralized Automated Remotely operated unmanned PSS
- 3) Decentralized Non Automated Locally operated manned PSS

All the above was to be ensured to be done safely and through authorized and competent field personnel too.

Basis the above another layer of control center in addition to centralized PSCC was introduced as decentralized Area Power System Control Centre (APSCC) which was will essentially take care of the Non Automated Locally Operated manned PSS. One APSCC was established for each division which would in turn have about 10 PSS under its umbrella. In this fashion all the non OT operated PSS were brought on a common platform. This has been explained in Fig 2 above.

While the normal SCADA functionalities were being reaped from the OT System, certain Niche requirements were also developed for efficient control and monitoring of the distribution network.

As seen above, a dedicated overview dashboard for monitoring and control of particular divisional area is seen. This is especially useful during the peculiar Kal

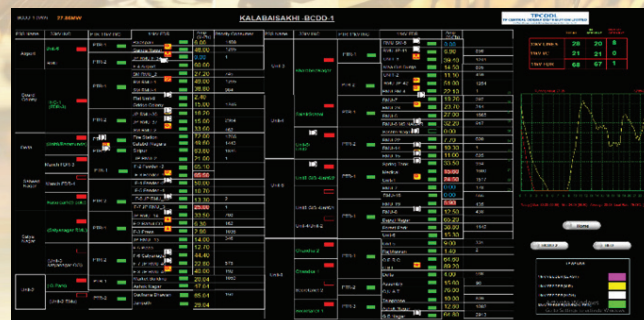


Fig 3 Power Monitoring Dashboard during Thunderstorms

Baisakhi or Nor'westers.

Both the OT and Non OT controlled stations were brought under one IT tool as elaborated in the subsequent sections of IT.

V. IT Intervention

During the inception PTW `s were being managed through a manual Excel based system. This involved a lot of procedural work, it is a humongous task to manage and record such huge amount of entries for issuing and clearing PTW's manually.

In order to overcome this, PSCC with inhouse IT team has developed a complete web based PTW Management system **"Suraksha Kavach"**



Fig 4 IT Application Suraksha Kavach

Through Suraksha Kavach, PSCC manages it's Permit to Work system efficiently. The following key aspects are addressed through this

1. Only pre-authorized personnel are eligible for working on lines/equipment's.

Fig 5 Authorized Personnel Selection for PTW

- Every work is identified by a unique code number. This is only shared with working personnel so that only they can clear the line/equipment by charging.
- The unique code is auto generated by Suraksha Kavach and SMS /WhatsApp is sent directly to registered number.

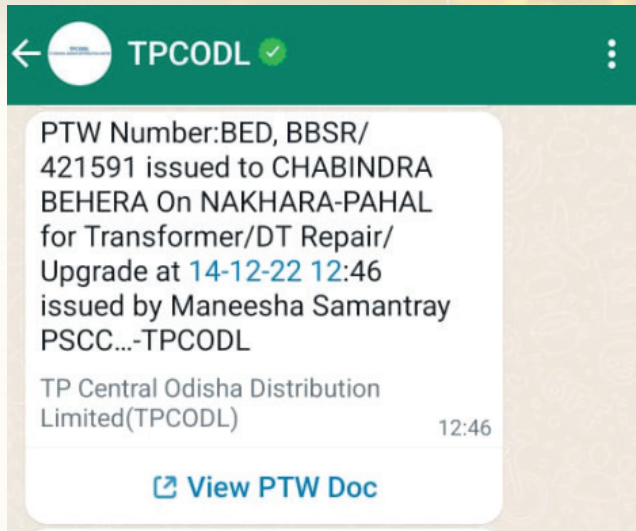


Fig 6 PTW through WhatsApp.

- Division, Substation and Feeders are pre-mapped into the system. It automatically detects the number of consumers affected for any shutdown
- One of the other important features in the application is ensuring that the field personnel availing the shutdown are aware of all the Hazards, use the right Personnel Protective Equipment and create a proper Safety Zone as seen in Fig 7

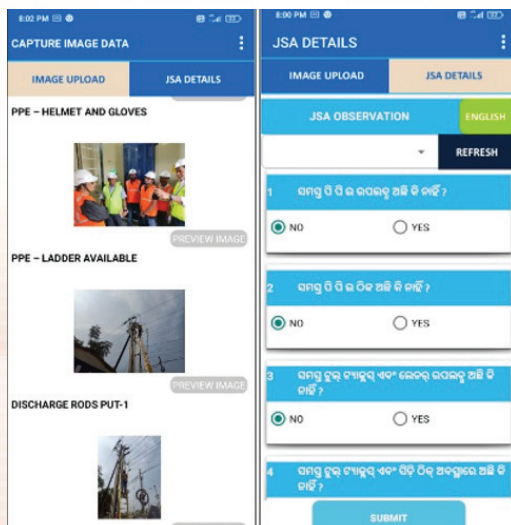


Fig 7 .JSA and Photo Upload

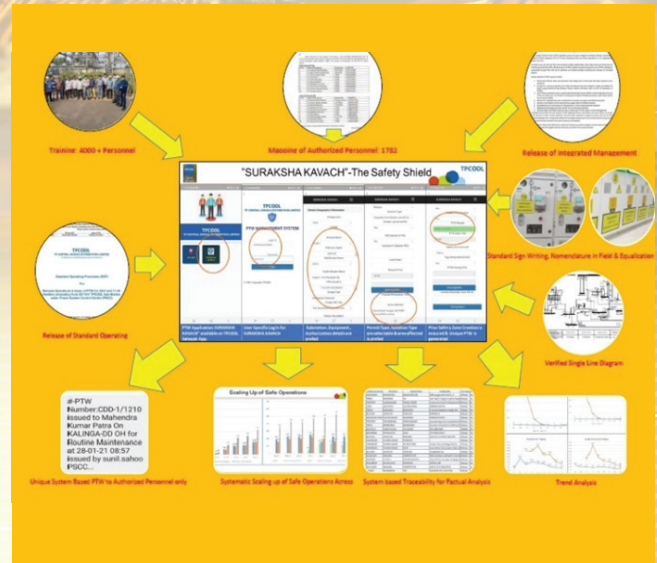


Fig 8 Suraksha Kavach –The Safety Shield

With these prime aspects addressed, PSCC desk engineer focuses on ensuring safety adherence and minimal supply interruption time to consumer.

Additionally, Suraksha Kavach helps in data management and aids analysis by generating

Customized reports for monitoring operational efficiency.

Since all the network database in the correct hierarchy has already been mapped in Suraksha Kavach, this is also extended to function for the Outage Management Function wherein day ahead outages can be planned and approved at appropriate level for execution.

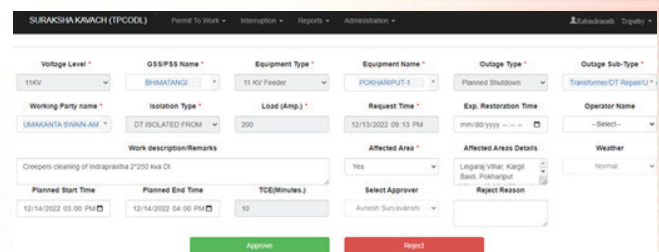


Fig 9.Scheduling of Planned Outages

Further since all the discom real time and near time data in terms of outages, tripping was getting punched in Suraksha Kavach this had a near real time visibility of the power situation across the discom .It was only logical to extend this information to Call Centre so that the consumers are well informed.This was done by developing an application "SOOCHNA".

The screenshot shows the SOOCHNA PSCC Outage Information System interface. The top section is a login form with fields for Discom (TPCODL), Login ID, and Password, and a Login button. The bottom section displays a table of Live Outage Information with columns for Outage Sub-Type, Outage Description, Issue Date, #File, Probable Restore Time, and Affected Area.

Outage Sub-Type	Outage Description	Issue Date	#File	Probable Restore Time	Affected Area
Jumpering Work/ Conductor snap	jumper work rategada	15-DEC-2022	12:15	15-DEC-2022 12:30	BANGANPITHA, HARPUR, RA
Others	Chitro bazar 100kv substation	15-DEC-2022	12:15	15-DEC-2022 12:30	NEKREI, JAMARA, DHOLG, BEN
LT Work	gajpurtilav	15-DEC-2022	12:17	15-DEC-2022 12:30	4400

Fig 10. Live Outage Information

Various Reliability reports on a daily, monthly, yearly frequency for the whole of the discom area or any particular area is also published.

VI. Value Creation

Arising out of the functions enlisted above, various benefits will be accrued leading to Operational Excellence:

1. Ensure efficient & coordinated operations across the license area as envisaged by the Grid Code.
2. Will facilitate faster restoration in the event of a shutdown/breakdown with the help of remote operations through SCADA. As a result of this reliable and uninterrupted supply to the consumers at large is ensured.
3. Will ensure optimal loading, utilization of the network by effecting real time positions of switches in the network so as to ensure the minimal possible losses in the network.
4. Facility of contingency analysis on the network with real time network parameters and under

various scenario for initiating corrective action in terms of network improvement schemes.

5. ***Institutionalization of uniform safety procedures across the license area for planned /unplanned outages including preventive and breakdown maintenance activities by developing Standard Operating Procedures, Operating Instructions, Permit to Work and Safety Tagging procedures. This will result in ensuring safety of personnel and equipment and consequently avoid any accidents to utility personnel and outsiders alike.***
6. Will ensure optimal outage management for preventive and breakdown maintenance of the network equipment's for ensuring maximum system availability.
7. PSCC will be a central data repository for network parameters and will carry out reliability analysis across various zones/voltage levels and across the license area. It will compute and report various reliability indices for the utility that would be required for benchmarking, improving performance parameters and further as a regulatory compliance for reporting.

VII. Conclusion

With this unique approach of Centralized and Decentralized Operations through PSCC and APSCC using the benefits of IT-OT integration, TPCODL has been able to develop and implement a model Distribution Network Operations methodology for a composite automated-non automated, urban-rural network ensuring & enhancing Safety manifold, ensuring Operational Excellence and improving Reliability.

This methodology has laid the foundation stone in terms of operating any discom with a vast geography, consumers and network efficiently and can be adopted for replication elsewhere.



With great power comes greater responsibilities

Power without responsibility....

Is like a car without a break...

Responsibility without power...

Is like a knife without an edge...

Here, power could be Power of Body which means physical power, Power of the Mind, or Mental Power. It could be the Power of Language (oration) or Power of Land i.e. Legal Power. Each of these powers has been entwined with a sense of responsibility. In other words, physical power is constrained by the responsibility of not harming anyone. Mental power is constrained by the moral principle of not thinking ill of others. Similarly, the Power of Oration is bound by the moral rule of not speaking foul. Likewise, legal power is checked by legal constraints.

History is replete with examples of how power structures have crumbled because of the irresponsible attitude of authorities exercising power. Thus, power without purpose can be dangerous & power without responsibility can lead to authoritarianism.

Robert Clive was instrumental in establishing the British East India Company (EIC) rule in India. The system of administration which was established by EIC reflected power without responsibility. The EIC were a law unto themselves and they never cared for public welfare. That sowed the seeds of discontentment in India, resulting in the Sepoy mutiny & eventually the Indian freedom struggle.

The fundamental right (1789) for example was against the French Emperor who concentrated in him all powers namely legislative, executive, and judiciary, and thus had turned into a despot. The famous saying "Power corrupts & Absolute Power corrupts absolutely" was truly reflected in Louis Philip. He'd every power but he threw his royal responsibilities for the welfare of the French people to the winds.

When India formed the Government after Independence it adopted the Welfare State Model. The state although powerful was not privileged because it was bestowed with responsibilities. The state had to maintain law & order and provide basic services like water supply, electricity, sanitization, food, shelter, livelihood, roads, peaceful environment, etc. to the people. Thus, the Government of India maintained the Principle of Proportionality i.e. Power, small or big, comes with proportional responsibility. In other words, this principle of proportion needs to be delicately balanced, so that power is wielded by the officials/ministers/discharging their responsibilities for the common good.

Power brings in its wake various privileges. Privileges are something that few people have access to. One who uses this power or privilege, big or small, for the sake of his fellow men, for the sake of promoting something good in the world, whose ever behaves not for any reward but dies too as a sense of duty, is hailed as a true hero.

The reverse is also true i.e. responsibility without power is worthless i.e. it is like a razor without an edge. To give an example, the Panchayati Raj institutions both in urban and rural areas have the responsibility to deliver a lot to the people. However, these institutions suffer from inadequate funds and thus are not able to discharge their responsibilities with efficiency, which causes migration from villages to cities in search of greener pastures and for a better life. The urban areas in the process become neither livable nor lovable.

In the democratic setup, there is a separation of powers between legislative, execution and judiciary. So much so that there is no possibility of concentration of power. In fact, Montesquieu who propounded the theory of 'Separation of Power' was of the firm view that "nothing but power puts a break on power". A thief had to be set to catch another thief., believed Montesquieu. The 4th estate of democracy i.e. PRESS is equally powerful. Likewise, the civil society, pressure groups and public opinions also help to maintain this delicate balance between power & responsibility. Only when greater power comes with greater responsibility, the common man stand to gain. A common man is someone who has been interestingly described as one who is "Socially a leper, Economically a pauper and Politically an onlooker".

I would like to end with an alliteration "The concerned is concerned about us but how much we are concerned about the concern is of great concern to the concern and all concerned". I believe every one of us possesses enormous powers and if maneuvered to all concerned, the society can undergo a transformation and the country shall turn into a veritable paradise on earth.



Sandilya Routray

Team Lead-Business Excellence

Convergence Bhagavad Gita and Best HR practices

"When doubt haunts me, when disappointment stares at me in the face, and I am not able to see a single ray of hope on the horizon, I turn to the Bhagavad Gita and find a verse to comfort me. I immediately begin to smile in the midst of overwhelming sorrow. Those who meditate on the Gita will derive fresh joy and new meanings from it every day".

Mahatma Gandhi

Manager and Leader
"Yad yad acharanti sresthas,
Tat tad eve taro jana,
Sa yat pramanam Kurute,
lokas tad anuvartate."

This verse highlights the true qualities of a leader: "Whatever actions a great person performs, ordinary people follow. Whatever standards they set through their exemplary deeds, the world adopts and pursues."

This śloka holds great significance in both our personal and professional lives. True leadership is not about giving instructions but about setting an example for others to follow. A leader inspires through actions, not just words, guiding others by demonstrating the values they wish to instil.

If we want our children to grow into good human beings or succeed in their professional lives, we must first embody those qualities ourselves. Children learn more from what they see than from what they hear. Therefore, before expecting them to adopt certain values and habits, we must first cultivate them within ourselves, serving as role models through our own actions.

In the professional realm, leadership holds great significance. Being a leader is not a skill that can be taught in schools or colleges; rather, it is an intrinsic quality that must come from within. For instance, in an organization, all managers must embrace leadership to be truly effective. While managers are granted authority and responsibility to execute their tasks, they become exceptional leaders by setting high standards through their actions.

A great manager leads by example-taking the initiative, guiding team members and establishing benchmarks that inspire and motivate the team to achieve their goals. A manager cannot instil a culture of discipline without embodying it himself or herself. Leadership is a choice; managers can either drive results through negative behaviour-such as scolding or reprimanding-or foster a positive work environment by serving as role models.

Employee productivity can be enhanced through guidance, personal counselling and clear communication of expectations. However, negative reinforcement seldom yields the desired results, whereas constructive and positive feedback fosters growth and motivation. As managers, we must make conscious choices: to lead by example or resort to negative reinforcement. Ultimately, our actions speak louder than words. The success of a team depends

on its performance, which in turn is influenced by physical and mental well-being, subject knowledge and a clear understanding of organizational expectations.

A true team leader must consider all these aspects to achieve the desired outcomes. In this context, I would like to highlight the examples of Late Ratan Tata, the former Chairperson of Tata Group and N.R. Narayana Murthy, the co-founder of Infosys. Both of these visionary leaders transformed their organizations into powerful brand names by shaping their corporate cultures. They exemplify true leadership and management, demonstrating that an organization's face value is a direct reflection of its leaders' actions.

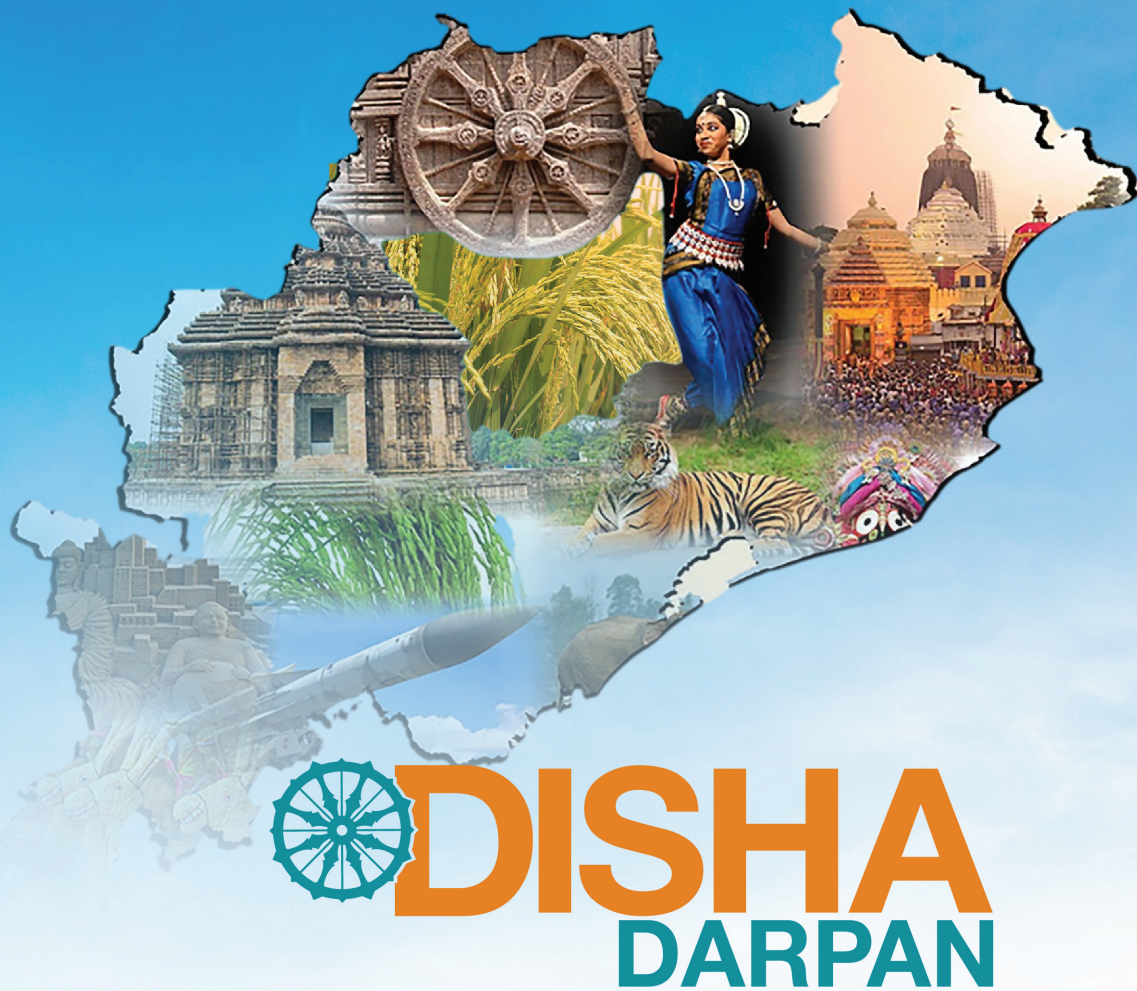
Your actions define your reputation, turning it into a brand that helps build a strong network and gain recognition for exemplary work and the high standards you set. Narayana Murthy, in particular, has set an inspiring example for Indian business tycoons and employers through his exceptional leadership qualities. He firmly believes that a successful corporation is built on employee happiness. Under his leadership, Infosys has fostered an inclusive work culture where every employee is valued and treated with equal respect.

In January, 2020, Infosys Co-founder Narayan Murthy won the hearts when he sought the blessings of late Ratan Tata at the annual Tycoon Industry Entrepreneurs event in Mumbai. While on stage to present Tata with the Lifetime Achievement Award for his outstanding contributions to Indian business, Murthy displayed deep respect by touching Tata's feet in a traditional gesture of reverence. Tata, in turn, expressed his gratitude for this heartfelt gesture. Late Ratan Tata also shared this memorable moment on his Instagram story, stating, "It was an honour to be awarded by tycoons at the hands of a great friend, Mr. Narayana Murthy. I am truly humbled."

Both Ratan Tata and Narayana Murthy are true leaders of our nation, serving as sources of inspiration for aspiring entrepreneurs and professionals alike.



Rajalaxmi Rath
AGM (HR)



In the land where ancient spirits roam,
Odisha, cradle of culture and home,
Your temples rise in splendor bold,
Stories of history, forever told.

From Puri's shores to Konark's sun,
Legends spun, where gods have run,
In rhythm with waves upon the sand,
Time's eternal dance, hand in hand.

Beneath your skies, Monsoon's embrace,
Paints fields in green, a verdant chase,
Where farmers toil with earthy grace,
Their sweat a song, their crops a trace.

In Jagannath's heart, devotion thrives,
A timeless bond where spirit thrives,
From the peaks of Mahendragiri's height,
To Hirakud's waters, deep and wide.

Odisha, land of art and rhyme,
Your Odissi dance, a sacred climb,
In every beat, in every tale,
Your soul awakens, strong and hale.

Through storm and calm, you stand upright,
A tapestry of color, vivid and bright,
India's heart, Odisha, so grand,
Forever cherished, across the land.



Shyam Tyagi

Team Lead-Application
Development





Guardians of the Grid

When Cyclone Dana
unleashed its might,
You stood strong through
the darkest night.

Lineman, engineers,
ground staff too,
With tireless hands,
you saw it through.

Through wind and rain,
you faced the test,
Restoring power,
you gave your best.

With grit and courage,
come what may,
You brought the
light to a brighter day.

Your hard work shines,
your spirit's bold,
A tale of strength
that must be told.

To every hero,
our heartfelt cheer,
For your dedication,
we hold dear.

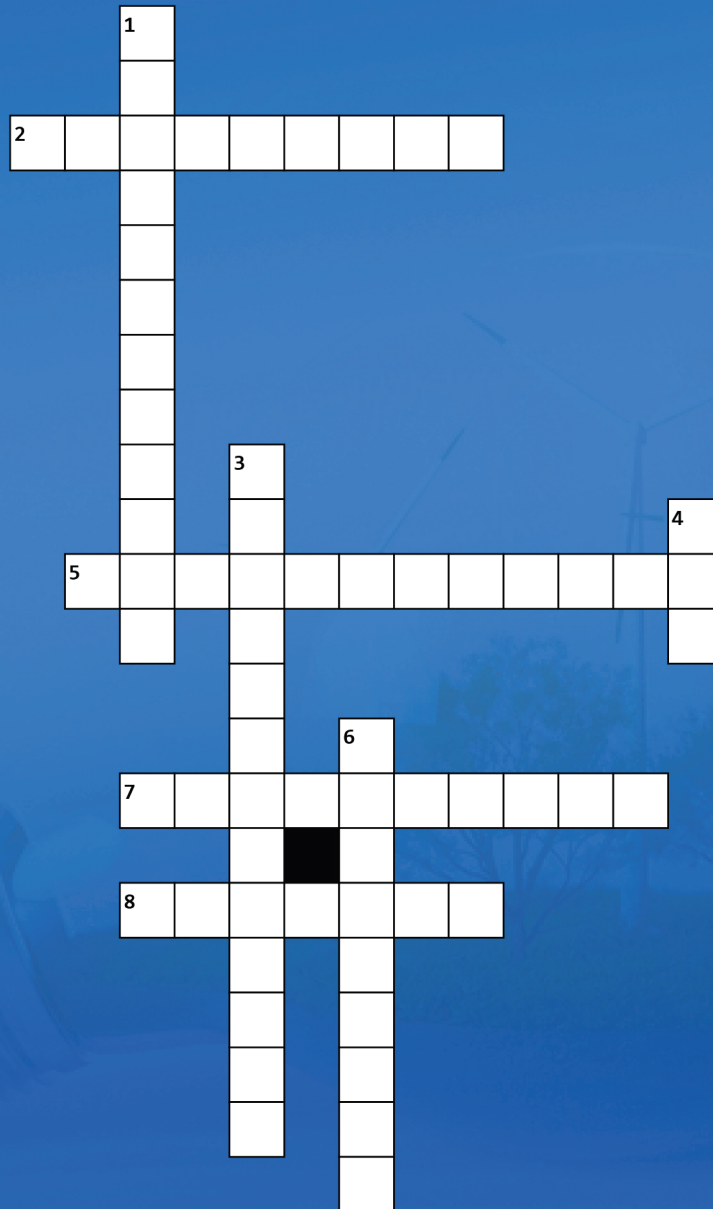
Through every challenge,
you lead the way,
A beacon of hope,
come night or day.



Avilash Panigrahi
Team Lead-Corporate
Communication

Crossword

Energy Conservation



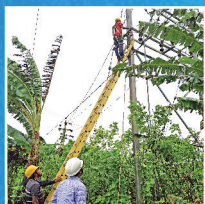
Across

2. A natural source of energy that is not depleted by use
5. A source of energy that cannot be replaced quickly
7. Energy derived from moving water
8. Renewable energy from plants and animals

Down

1. The practice of using energy efficiently to reduce waste
3. The main gas responsible for trapping heat in Earth's atmosphere.
4. This type of light bulb uses less energy than traditional ones
6. A device that uses sunlight to generate electricity

OUR DANA VEER



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