



Infravoice - June'16

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It's not about what had happened in the past, but what you decide to do now that will determine what will happen in the future. It's not the strongest nor most intelligent people that survives, but the one most adaptable to change.

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Balance

Work

Life



Benefits of Work Life Balance Initiatives for Employees

- Ability to manage work and individual commitments
- Improved personal and family relationships
- Flexible working arrangements resulting in reduced work overload and stress
- Increased focus, motivation and job satisfaction knowing that family and work commitments are being met
- Increased job security from the knowledge that an organisation understands and supports workers with family responsibilities
- Increased ability to remain employed.
- Increased ability to remain competitive in career advancement
- Improved health and wellbeing of staff

Detox Water Recipes

Using water recipes is an excellent way to clean out our system, feel more energized and even jump start a weight loss programme. Drinking water, including fruit-infused water, is one of the best ways to detoxify your body and choosing right recipes helps you enjoy your detox experience.



1. Mango Ginger Water



2. Apple Cinnamon Water

Adding cinnamon to your water detox drink may provide you with numerous health benefits. A 2014 review published in Evidence-Based Complementary and Alternative Medicine reports cinnamon has anti-inflammatory, antioxidant, anticancer, anti-diabetic, and cholesterol-lowering properties in addition to protecting against neurological disorders and heart disease.



3. Lemon Mint Cucumber Water

Lemon, mint, and cucumber are common ingredients in detox recipes, and using this combination is a refreshing way to enjoy your detox experience. Lemon and peppermint are used in weight loss formulations and help stimulate gastric secretions and bowel motility, according to a review published in 2010 in the Journal of Nurse Practitioners. Ingredients 12 cups of water 3 thinly sliced lemons 1 small sliced cucumber 15 mint leaves Directions Put lemons, cucumbers, and mint leaves in a 1-gallon pitcher. Cover the mixture with water and ice. Chill in the refrigerator for a three to four hours and serve chilled.



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1

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New Born

IT'S A BOY



CONGRATULATIONS !!

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Energy Management Challenges

- Apart from the difficulties involved in setting up new towers, the industry has to deal with energy management at existing sites. The absence of grid power at the majority of tower sites has forced companies to rely on diesel to such an extent that diesel costs are a significant part of the overall operational expenditure. Diesel consumption will only increase as more operators expand networks and launch 4G/long-term evolution services. However, there is public and regulatory pressure to reduce energy consumption and pollution at telecom towers, especially from diesel generators. This has led tower companies in India to adopt alternative and renewable sources of energy, with many testing towers run on technologies like solar photovoltaic cells, fuel cells, biomass and biofuels. For instance, Indus Towers has a total of 115,000 towers, of which around 40,000 are diesel-free sites and close to 50,000 operate without ACs. The company claims that green initiatives have helped it reduce energy costs by more than 40 per cent and diesel consumption by 37 per cent in the past four years. Its investments in green initiatives are estimated to touch Rs 5 billion during 2015-16. Similarly, in September 2015, GTL Limited awarded a contract to UK firm Intelligent Energy for supplying energy management services across more than 27,400 telecom towers in India. Intelligent Energy uses fuel cells to power telecom tower sites.

Though tower companies have begun adopting renewable energy sources in their energy mix, meeting the DoT requirement of increasing the proportion of hybrid-powered tower sites to 75 per cent in rural areas and 33 per cent in urban areas by 2020 is a formidable challenge. This is because hybridising a tower site involves significant capex, which is not desirable in a scenario where tower companies are struggling to meet their operational expenditure requirements. To ensure the mass implementation of green technologies, the government will have to look for ways of providing financial aid to tower companies.

The way forward

The growth of the tower industry is directly linked with the telecom services industry. As the latter is going through a data revolution, the tower industry will need to innovate to keep pace with the changing needs of operators, which are looking to invest in small cells and Wi-Fi for meeting data requirements. According to an analysis by Deloitte, tower companies will have to start interacting with new ecosystem partners like Wi-Fi providers, cable players and other emerging solution providers apart from existing telecom and equipment companies. Indus Towers, the leading player, has taken a step in this direction by securing a contract with the New Delhi Municipal Corporation (NDMC) for setting up digital networks across NDMC areas. As per the contract, Indus Towers has to equip 3,000 light poles with 2G, 3G or 4G technology over a span of three years. This project will help create common infrastructure that can be shared by multiple telecom operators for providing mobile and broadband services in Delhi. The poles will be upgraded with LED lights, CCTV cameras for video surveillance, Wi-Fi access points, and optical fibre networks to backhaul telecom traffic.

In India, operators are expanding network coverage by rolling out next-generation 4G networks and increasing their 3G presence. According to Deloitte, the increasing data usage is expected to make the stand-alone data tower segment expand at a compound annual growth rate (CAGR) of about 125 per cent till 2019-20, while other towers are expected to grow at a CAGR of 1.89 per cent. However, this growth can be realised only if the debt-heavy tower industry has access to sufficient low-cost funds. To address the situation, TAIPA has approached the Ministry of Finance for allowing tower companies to raise low-cost funds through tax-free bond issues. The industry association feels that this will help them increase infrastructure investments and reduce debt. Given that the tower industry has a pivotal role to play in the telecom sector's growth, it is essential that sufficient attention is paid to improving the state of the telecom infrastructure segment.

Article Ref : Tele.in



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