



Sustainability Performance: Resource and Environmental Management Excellence

Topic	2020 Performance	Plan for 2021
 <p>Sustainability Indicator</p>	<ul style="list-style-type: none"> Track electricity usage and results from energy efficiency measures implemented, as part of strategic performance monitoring. Reduce usage of grid-purchased electricity (exclude tenant usage) by 19% compared to 2019 levels. 	<ul style="list-style-type: none"> Set a target to reduce electricity intensity by 20% by 2025 compared to baseline year (2015). Reduce electricity consumption by 4% from 2019 levels.
 <p>Management Approach</p>	<ul style="list-style-type: none"> Achieved 100% Carbon Footprint for Organization (CFO) certification for 34 shopping centers, Central World Offices and the Head Office. (Coverage includes properties leased by CPNREIT but excludes the Ninth Tower, Unilever House and G Tower.) Total electricity usage in 2020 fell by 19% or 191,916 MWh compared to 2019 as a result of our energy efficiency measures and temporary closure due to the COVID-19 outbreak. Onsite electricity production from solar radiation (solar PV) from 16 projects accounted for 1.60% of total energy consumption or 12,566 MWh - a 39% increase from 2019. Installed the water recycling systems in two additional shopping centers, which increased the total to 17 projects. This, together with other process improvements, led to a 50% increase in water recycling from 2019. Carried out "Journey to Zero" through separating waste at source, which reduced the volume of waste sent to landfill by 4,199 tons or 8% of total waste - a 60% improvement in waste sorting compared to 2019. Achieved ISO 14001 certification for Central Korat. There were no illegal encroachments into protected or restricted areas. Central Pattana recorded no significant incidents of non-compliance with environmental management practices or leakages. 	<ul style="list-style-type: none"> Conduct a study on greenhouse gas emissions reduction target setting to align with the targets of the Paris Agreement or Science-based targets. Roll out solar installations (solar PV) across 8 additional projects. Set a long-term target to reduce greenhouse gas emissions by 20% by 2025, compared to a 2015 baseline. Establish water reuse targets of 5% in 2021 and 20% by 2025. Achieve ISO 14001 certification for 1 additional project. Set a target to reduce waste sent to landfill by 15% from 2021 levels and set a long-term goal to halve our diversion rate by 2025.