RE100 Leadership Awards 2026
Category: Best Newcomer

Princeton Digital Group

Why We Joined RE100

Princeton Digital Group (PDG) joined RE100 in June 2025 as a public commitment to accelerate clean energy adoption and strengthen accountability across our operations. As one of Asia's leading data center providers, with over 1.8GW of capacity across Singapore, Japan, India, Indonesia, China, Malaysia, and South Korea, our energy decisions carry real weight on regional grids. We are acutely aware of the environmental footprint of our operations, and we believe data centers have both a responsibility and an opportunity to drive the clean energy transition in this region. The hyperscalers and enterprises we serve, many of whom have made their own 100% renewable commitments, increasingly look to their infrastructure partners to reflect the same ambition. Joining RE100 is both the right thing to do and a strategic imperative.

Asia presents some of the world's most complex renewable energy procurement environments. Grids are constrained, renewable energy certificate markets vary significantly in accessibility and price, and policy frameworks are still maturing. These are precisely the conditions RE100 exists to change – using the collective demand signal of its members to push governments and markets toward accessible, affordable renewable energy. PDG operates across several of RE100's priority geographies. Our membership is our contribution to that effort: every PPA we sign and every policy engagement we pursue adds to the corporate signal that clean energy procurement at scale is viable across Asia.

> *"PDG operates at the intersection of two defining forces shaping Asia: digital infrastructure and the clean energy transition. Joining RE100 reflects our commitment to lead on both, building the region's digital backbone while accelerating the shift to clean, reliable energy at scale."*
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> **– Rangu Salgame, Chairman, CEO and Co-founder, Princeton Digital Group**

What We Have Achieved

In our first year as an RE100 member, PDG achieved 78% renewable energy coverage across our total data center portfolio, a strong foundation built through a combination of long-term PPAs, on-site solar generation, and energy attribute certificates. Singapore remains one of our most constrained markets where access to RE100-compliant renewable energy is limited and carries a cost premium. To address this, we are focused on developing compliant sourcing pathways. For example, we signed an agreement with our utility provider to match 25% of electricity consumption at one of our Singapore data centers with Singapore-originated, RE100-compliant renewable energy certificates from September 2025, a meaningful first step toward full compliance in this market.

PDG's approach extends beyond annual matching. We established a 24/7 Carbon-Free Energy (CFE) roadmap, with a target of achieving 100% carbon-free energy on an annual basis by 2026, and a defined progression toward hourly matching by 2036. As a member of the 24/7 CFE Coalition, we participate in efforts to advance time-based matching frameworks for corporate energy procurement.

A First-of-Its-Kind Milestone in India

India has been a proving ground for PDG's most advanced clean energy initiatives, particularly in the pursuit of 24/7 carbon-free energy (CFE). We began with a 12.5MW solar PPA with Tata Power Renewable Energy Limited (TPREL), and by early 2026, expanded our renewable energy capacity in India to approximately 65MW through new long-term and short-term solar and wind PPAs, bringing new capacity onto the grid. In parallel, in September 2025, PDG partnered with Flexidao and TPREL to implement time-matched, CFE at our 150MW MU1 data center in Mumbai, marking the first initiative of its kind in India's data center sector. Flexidao's platform enables hourly matching of consumption against renewable generation from our solar PPA, going significantly beyond standard REC procurement. PDG showcased this model at Climate Week NYC 2025 as a replicable blueprint in Asia.

> *"The implementation of time-matched carbon-free energy at our Mumbai campus marks an important step forward for PDG and for sustainable digital infrastructure in India. Through our collaboration with Flexidao, we're proud to be among the early adopters of time-matched clean energy at scale. This initiative reflects our conviction that innovation and sustainability should go hand in hand, to support India's clean energy transition while delivering high-performance, scalable data centers."*
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> **— Varoon Raghavan, Chief Operating Officer and Co-founder, Princeton Digital Group**

Our Strategy and Path Forward

PDG's strategy for achieving 100% renewable electricity follows a clear procurement hierarchy. First, we prioritize long-term PPAs directly with renewable developers wherever feasible, ensuring new capacity is added to the grid rather than purchasing from existing assets. Second, we are deploying on-site renewable energy across all feasible data centers by 2027, with rooftop solar rollouts already underway across our portfolio. Third, where consumption cannot be met through PPAs or on-site generation, we use energy attribute certificates, including time-matched energy attribute certificates (TEACs), to match remaining electricity demand with verified renewable generation. Beyond procurement, we engage with grid operators on interconnection and system resilience, explore energy storage opportunities, monitor emerging technologies including advanced geothermal and green hydrogen, and engage actively with policymakers across Asia to support the development of open-access renewable energy frameworks.

RE100 membership has strengthened our credibility with hyperscaler customers and positioned PDG as a sustainability leader in Asia's data center sector. It also provides an external framework that supports internal accountability and continuous progress.

In less than 12 months, we have reached 78% renewable energy coverage across our portfolio, launched India's first hourly-matched clean energy initiative in the data center sector, and established a long-term 24/7 CFE roadmap. We are focused on building on this progress, scaling procurement, expanding solutions in more constrained markets, and continuing to work toward 100% renewable electricity and, over time, 24/7 carbon-free energy across our operations.