

The Opportune Moment for Investing in Sri Lanka's Renewable Energy Sector

Posted on



President Ranil Wickremesinghe at Green Technology Forum.

President Ranil Wickremesinghe highlighted the present as an opportune moment for investing in Sri Lanka's renewable energy sector, expressing confidence in its potential to yield substantial benefits for both stakeholders and consumers in the coming decades.

I thank the Swiss Asian Chamber of Commerce and their partners in organising this event for the invitation to speak today.

Background: Green Energy and Climate Concerns

There is an urgent need for acceleration of global actions towards climate change mitigation. There have been multiple global forums which have resulted in numerous

commitments towards this end. However, actions have fallen drastically short of commitments.

The fallout of this failure in global leadership is borne largely by developing nations of the global south. When periods of drought extend beyond normal, undermining agricultural production, our food security is in jeopardy. When hydropower gets disrupted due to delayed monsoons, our energy security is in jeopardy. Droughts are often followed by a deluge, leading to flash floods and landslides, disrupting lives and livelihoods of under-privileged communities in particular.

It is very evident that there is a disproportionate impact of the adverse outcomes of climate change on developing countries. This brings to light the issue of climate justice and the need for a stronger contribution from the advanced economies towards adaptation and mitigation efforts in the global south.

That being said, Sri Lanka will forge ahead with its efforts towards climate mitigation. We have also recently launched the Tropical Belt Initiative at the COP28 in Dubai - this creates a framework for catalysing private investment in forests, energy, oceans, mangroves, in the countries of the tropical belt.

Today I want to focus on one key aspect of such efforts, which is our drive towards renewable energy.

Renewable Energy in Sri Lanka:

Building on History

In fact, Sri Lanka is a country with a long history of renewable energy. Since independence Sri Lanka developed an extensive network of hydropower, commissioning its first major hydro-power plant in 1950. Hydropower was able to provide for most of the country's energy needs until the 1990s. Even today, hydropower accounts for around 40 percent of Sri Lanka's installed electricity generation capacity.

With hydropower largely exploited to the optimal levels, there has been an increased effort to include wind and solar power generation to the national grid. The government is now accelerating this process to ensure that by 2030, 70 percent of Sri Lanka's electricity needs are fulfilled by renewable energy sources.

To reach this target requires a large investment of up to USD 11.5 billion. However, until recently the framework for private investment in the renewable energy sector has not been

very conducive. Over the last 2 years several measures have been taken by the government to correct these shortcomings and ensure an optimal investment climate for renewable energy is in place.

Financial Reform

The first step was to ensure cost reflective pricing. Between 2014 and 2022 electricity tariffs had not been adjusted. This resulted in major cash flow problems for the Ceylon Electricity Board that sometimes led to payment delays to power suppliers. However, from August 2022 we have shifted to a cost-reflective pricing structure. Accordingly, electricity tariffs are revised every quarter to reflect costs on a forward-looking basis.

The CEB, which has long been a loss-making entity, returned a profit in 2023, enabling it to settle significant levels of past debt along with some balance sheet structuring. The company now has a strong balance sheet, a far stronger cash flow position, and a pricing structure that ensures liquidity.

Rigidities in the feeding tariff has also been a concern of past investors. However, this has also been addressed with greater flexibility being introduced to the tariff options, including choices between fixed tariff and variable tariff formulas.

In addition to internal reform, we are also putting in place the framework to attract green financing. Sri Lanka has developed the Road Map for Sustainable Finance, Green Finance Taxonomy, the SDG Investor Map and the Green Bond Framework, that is currently under formulation, creates the enabling environment for Sri Lanka to have a robust engagement in climate finance. The availability of sustainable finance will be an added boost for renewable energy investments in Sri Lanka.

Legislative Reform

There have also been legislative barriers to large scale private investment in the renewable energy sector. Those legal hurdles have also been cleared through necessary amendments to the Electricity Act introduced in 2022.

Institutional Reform

Thirdly, the government is in the final stages of implementing unbundling of the Ceylon Electricity Board. This will result in greater financial and operational autonomy for the distribution, generation, and transmission arms of the CEB, resulting in competition and transparency. Whilst private participation in generation is already available, the unbundling

process will open up opportunities for private participation in distribution as well.

This major reform, implemented with the support of the Asian Development Bank, will ensure the CEB operates at the frontier of efficiency, delivering the best outcome for consumers and the most competitive and efficient producers of electricity. The draft legislation for this reform was already been published last month.

Infrastructure Improvements

The ambition of 70 percent electricity from renewables also requires improved system efficiency and upgrades to integrate more renewable energy, particularly from 2026. Investments will be required in storage, transmission, and distribution, along with the ongoing private investments in generation. Plans for this integration up to 2030 are in place and have begun implementation.

Future Outlook

Following the major reforms implemented in the energy sector in the last 2 years, there has been renewed interest in this sector. There are already large scale solar and wind power projects that have commenced implementation. A major Indian player has commenced implementation of a 350MW wind power plant that is expected to be commissioned in 2025. The same player is considering a further USD 750 million investment in wind power.

Wind power is a major opportunity for Sri Lanka. A recent World Bank report indicates that off-shore wind power in particular has the potential to generate power far greater than Sri Lanka's requirements. Considering this, Sri Lanka and India are in advanced stages of talks regarding grid inter-connection to enable Sri Lanka to export surplus electricity particularly to the fast-growing industrial belt in the Southern part of India. There is also tremendous potential for the development of green hydrogen in Sri Lanka.

Conclusion

Sri Lanka has ambitious plans to fulfil its sustainable, green development agenda. By 2050 the country has committed to achieving net zero. The accelerated renewable energy plan is a key component of this overall effort and is also an essential step on the path towards energy security. Renewable energy will also drive down costs of generation since at present Sri Lanka is compelled to rely on high-cost heavy fuels during the dry season. Sri Lanka is in the process of establishing an international climate university, which will continue to unlock opportunities in green energy.

It is clear that Sri Lanka's renewable energy policy direction is underpinned by multiple motivations and drivers. Therefore, investors can expect a high degree of policy continuity in this sector going forward as well. This is the best time to invest in Sri Lanka's renewable energy journey, and I have no doubt such investments will generate significant value for shareholders and Sri Lanka's consumers over the next several decades.

