

26<sup>th</sup> May 2021

To

**Shri Prakash Javadekar,**  
Hon'ble Minister,  
Ministry of Heavy Industries & Public Enterprises  
New Delhi-110011

**Sub:** Thank you for the cabinet approval for ACC Giga Factory Manufacturing Plan and Invitation to World Energy Storage Day' Global Virtual Conference on 22<sup>nd</sup> Sept'2021

Respected Sir,

India Energy Storage Alliance on behalf of all its Energy Storage & eMobility Industry convey our deepest gratitude to your great efforts towards finalizing the ACC Battery Manufacturing Scheme and Cabinet approval for implementation of the Production Linked Incentive (PLI) Scheme 'National Programme on Advanced Chemistry Cell (ACC) Battery Storage'. Your continuous efforts promoting Indigenous manufacturing through Make in India Initiative are commendable. With this announcement and Department of Heavy Industry being implementation authority for this PLI Scheme, we at IESA strongly believes that India will become a global hub for R&D, manufacturing, and adoption of advanced energy storage and EV technologies within coming decade and can contribute for improving national energy security and help in achieving the climate goals for Green energy and clean transportation under your visionary and dynamic leadership.

IESA since it's inception in 2012 has worked with all stake holders to create awareness about role of advanced energy storage technologies in transforming Indians electric grid and mobility sector. IESA has put lot of efforts over past 3 years in generating interest amongst Technology Companies & Investors about setting up manufacturing in India. Now with this announcement, we are further gearing up our efforts with the support of our 130+ members & other stakeholders to achieve the vision set by you.

**Importance of ensuring timely activities:** For achieving the great vision set by GOI to make ACC Battery Manufacturing as champion sector and to enhance the manufacturing capabilities of India, it is very much important to ensure kick start the timely and consistent activities related to release of PLI Scheme detailed guidelines, RFP, demand creation through MNRE and MHI for stationary storage and emobility etc.

In past 6 months 24 Giga factories for Li-ion battery cells were announced with a total production capacity of over 600 GWh in these countries. China is expected to double its capacity from ~350 GWh in 2020 to more than 800 GWh by 2025. Europe is about to ramp up capacity and anticipates annual production capacity of over 500 GWh by 2025. Similarly, US government under leadership from President Biden, has also launched Energy Storage Grand Challenge and is expecting to attract over 300 GWh of advanced energy storage investments

in next 5 years. In order to catch up with the pace of these countries and attract significant investments from Global players to invest in India, it is very vital at this time for India to set long term visionary for ACC Manufacturing sector. *In view of this, we request Hon'ble Ministry to consider setting up the vision for scaling up manufacturing to 500 GWh by 2035 (Long Term vision linked with Phase wise developments).*

**Activities required to support ACC PLI over next 6 months:** IESA is currently working on developing a roadmap for building on the ACC Battery Manufacturing PLI with a goal of reaching 100 GWh manufacturing in India by 2030 and scaling it up to 500 GWh by 2035, in anticipation of the exponential growth expected in renewable energy, green hydrogen and emobility in coming decades. With this foresight, we have listed down following activities where IESA can support Ministry in ensuring timely implementation in next 6 months .

- 1. Supporting DHI in PLI Scheme Guidelines and RFP finalization**
- 2. Supporting DHI with NICHE technologies global outreach**
- 3. Promoting Investments**
- 4. High-end Training on the battery storage value chain including cell Manufacturing**
- 5. Promotion of program at State level with the support of DHI**
- 6. Supporting DHI in Regulatory Intervention with other Ministries**
- 7. Connecting Potential investors to DHI and Solving the concerns towards raw material suppliers/ manufacturers**
- 8. Any more requirements as directed by Ministry**

IESA has been actively involved in the PLI scheme framing, supported Niti Aayog with the requisite technical knowledge and other expertise required w.r.t technologies, economic valuation, qualification requirements for participation, recommendation on the incentives based on Energy density etc which are mostly accepted and has been part of Model RFP. We will be honoured to support Ministry while formulating guidelines, eligibility conditions, identifying the gaps and suggesting suitable solutions etc

All the Information related to NICHE technologies available, global best practices, cost trends, technology developers in India and globally and any other necessary information required shall be made available to the Ministry

We have held series of activities in the past 6 months and planning many more activities in coming few months to support the scheme and promote the Program which includes global webinars for clarifications related to application procedures, connecting central/state governments with potential investors, promoting market opportunities etc. With the support of DHI, IESA can run global campaigns/webinars to bring out maximum interests to invest in India

With the above note, we are happy to inform this year we are planning virtual **World Energy Storage Day (WESD [www.energystorageday.org](http://www.energystorageday.org) )** Global Conclave & Expo on September 22, with an agenda of attracting global interest towards Advanced Battery Manufacturing in India. It will be a 24 hour marathon online event dedicated to energy storage, green hydrogen and E-mobility sectors. Last year Prime Minister's message and your Hon'ble presence had attracted global investors to put their investment towards India Goals. This year we are targeting participation of 20,000+ international attendees and 30+ global partners in this online event on 22nd September 2021.

**We would be honoured if you can agree to address global audience as a keynote speaker in this Global Conference and also accept our invitation to be the Host country for this year's event. This can be a perfect kick start for the 75<sup>th</sup> year of independence celebrations and vision of the Atma Nirbhar Bharat, inviting global technology leaders and investors to invest in India. Your presence shall definitely inspire and influence global leaders and potential investors to direct their investments in India's Battery Manufacturing sector.**

5<sup>th</sup> World Energy Storage Day Virtual Global Conference Brochure and Program details are enclosed along with this letter for your kind reference.

IESA and member companies will be highly obliged if you could accept request to join us for the WESD2021.

Yours Sincerely,



**Dr. Rahul Walawalkar**  
President,  
India Energy Storage Alliance