

## NEWS RELEASE



# Lithium-Ion Capacitors in Wind and Solar Power Generation Global Market Forecast

***According to ElectroniCast, the value of LICs with Solar and Wind power generation is projected to reach \$500 million on 2025...***

**Aptos, California (USA) – February 18, 2016** -- ElectroniCast Consultants, a leading market & technology forecast consultancy, today announced their market forecast of the worldwide use of lithium-ion capacitors used in wind and solar power generation. A lithium-ion capacitor (LIC) is a hybrid type of capacitor out of the family of the supercapacitors.

The worldwide consumption value of lithium-ion capacitors used in standalone wind turbine plus standalone solar photovoltaic (PV) plus combined (hybrid) wind/solar power generation applications reached \$10.8 million in 2015, and it is forecast to reach \$500 million in the year 2025). <sup>1</sup> Market forecast data in this study report refers to consumption (use) for a particular calendar year; therefore, this data is not cumulative data.

“The use of lithium-ion capacitor (LIC) based rechargeable energy storage systems in conjunction with wind and solar power is being advanced for a wide range of devices such as light emitting diode (LED) streetlights, roadside signage/displays, airfield lighting, surveillance cameras, security sensors, as well as various commercial and residential applications,” said Stephen Montgomery, president at ElectroniCast.

Lithium-ion capacitors are characterized by an ability to charge with even weak current; therefore, ElectroniCast forecasts market demand for LICs to increase substantially in the renewable energy industry sector.

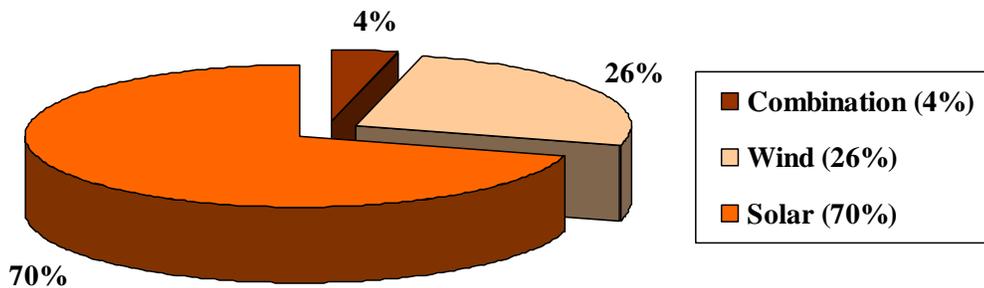
“Currently, the overall use of LICs in conjunction with the use of wind and solar energy solutions is still in the development stage, with a rapidly increasing ‘push’ of activity of entering the introduction or innovation stage in the product life cycle,” Montgomery added.

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<sup>1</sup> All values are at factory as-shipped levels, and are in current dollars, which include the effect of a forecasted 5 percent annual inflation rate over the forecast period.

***According to ElectroniCast, the use of lithium-ion capacitors with wind/solar power was led by solar photovoltaic (PV) power generation in last year...***

**Li-Ion Capacitors used with Wind & Solar Power  
(\$ 10.8 Million in 2015)  
Source: ElectroniCast Consultants**



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This 346-page fee-based market forecast report is available immediately from ElectroniCast Consultants. For detailed information on this or other services provided by ElectroniCast, please contact Theresa Hosking, Marketing/Sales; [thosking@electroniccastconsultants.com](mailto:thosking@electroniccastconsultants.com) (Telephone/USA: 831-708-2381)

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