



GENERAL PLASMA INC.™

News Release

Industry Turns to General Plasma's Large Area PECVD Cost Cutting Thin Film Dielectric Solution

TUCSON, ARIZONA – September 8, 2010 –General Plasma (GPI) is pleased to announce a leading manufacturer of large area glass products has chosen GPI's revolutionary linear PECVD technology for a one meter pilot line. The new line will be used to develop new thin film products and make existing products more economical.

General Plasma's Linear PECVD technology offers an alternative to expensive and slow reactive sputtering processes for depositing dielectric thin films. General Plasma's ACIS™ (AC Ion Source) combined into an RPM™ (Reactive PECVD Module) provides a thin film PECVD Technology solution that increases the throughput of dielectric thin films by a factor of 3 to 5 over competing sputtering technologies without sacrificing thin film quality. The advanced magnetic plasma design both enables uniformity across substrate widths that exceed 3 meters in length and provides thin film properties suitable for a multitude of large area applications. By utilizing inexpensive chemical precursors the RPM™ solution results in thin film materials and operating costs 4 to 10 times less than those deposited with sputtering technology.

General Plasma's PECVD technology, which has been in development for over 5 years, has demonstrated applicability in display technology (cell phones, e-readers), solar cells (passivation of crystalline silicon cells and thin film TCO's), architectural glass, energy efficient lighting and roll-to roll web coating. The capability to deposit high and low index layers of clear dielectric films with excellent uniformity and thickness control opens the door to many important commercial applications.

Contact General Plasma for information on how this new disruptive technology can improve your thin film application's economics and performance.

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