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Sharp to Double LCD Panel Production Capacity at GREEN FRONT SAKAI

Glass Substrate Input Capacity to Increase from 36,000 to 72,000 Substrates per Month

To meet strong demand for LCD panels for TVs, Sharp Corporation will double current production capacity at its LCD panel plant (SDP^{*1}) located in GREEN FRONT SAKAI, Sakai City, Osaka Prefecture, Japan, to 72,000 substrates per month.

This LCD panel plant is the first in the world to employ 10th-generation glass substrates. Using Sharp's proprietary UV²A^{*2} photo-alignment technology, the plant produces high-contrast panels offering outstanding energy efficiency in screen sizes of 40 inches and larger. These panels have been highly rated by LCD TV manufacturers around the world.

The plant is currently in full operation, running at an input capacity of 36,000 substrates per month. To accommodate brisk order inquiries, Sharp will double this capacity to 72,000 substrates per month in July of this year.

Sharp will be creating LCD panels featuring its proprietary UV²A technology and four-primary-color technology^{*3} at this state-of-the-art plant. In addition, Sharp will strive for further enhancements in cost competitiveness, and will continue to expand the market for large-screen displays, including LCD TVs and digital signage.

*1 Sharp Display Products Corporation

*2 Abbreviation of Ultraviolet-induced multi-domain Vertical Alignment.

*3 A multi-primary color technology that renders the three R (red), G (green), and B (blue) color video input signals on an LCD having four-color pixels in which yellow (Y) is added.