This paper presents the basic OLED display technology which makes possible to reduce the operating voltage with significant improvement in bright light output and efficiency. This future display technology comprise of tiny dots of organic material or simply polymer that gives radiative emission when charged with electricity. It is the most trustworthy technology for future flat panel displays which makes use of electroluminescence. Future cell phones, laptops, television screen, displays at airport railways will be based on this display technology. Also its efficiency, brightness, flexibility, light weight, fast response time, low manufacturing cost attracts manufactures and scientist to do in field of future display technology i.e. OLED.

References

2. Smith, P. 2003, ‘OLED displays: better than plasma or LCD’, Silicon Chip Online

**Index Terms**

Computer Science 
Power Systems

**Keywords**

OLED, Electroluminescence, flat panel display