

Figure 11-33 shows the behavior when the DCT is used. The deferred copies are limited (light blue bars), and Host I/O (green bar) and Premigration (yellow bar) are preferred.

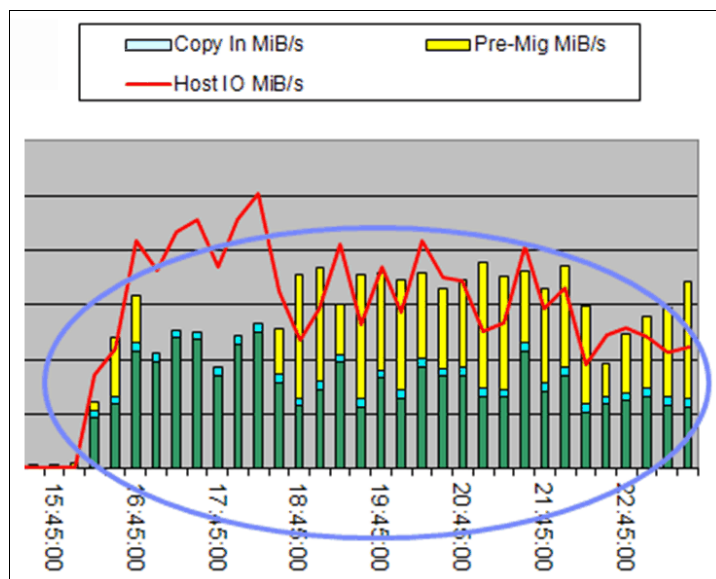


Figure 11-33 DCT being applied

In Figure 11-34, you see the effect when DCT is “turned off” because the host throughput drops under 100 MBps (green bar). The number of deferred copy writes in MBps increases (light blue bar).

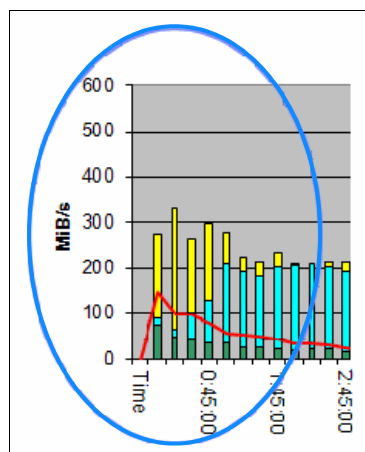


Figure 11-34 DCT turned off

## 11.8.6 Grid link performance monitoring

The TS7700 generates a host message when it detects the grid performance is degraded. If the degraded condition persists, a call-home link is generated. The performance of the grid links is monitored periodically, and if one link is performing worse than the other link by an IBM Service Support Representative (IBM SSR)-alterable value, a warning message is generated and sent to the host. The purpose of this warning is to alert you that an abnormal grid performance difference exists. The value must be adjusted so that warning messages are not generated because of normal variations of the grid performance.