

SUMMARY

1. ESSENCE PROJECT.....	10
2. What's an Emerging Security Standard?.....	11
3. Why attack scenarios definition?	14
3.1. Intentions of potential attacks to the EU power Network controls and other Critical Equipment ...	17
3.1.1 Internet use by terrorists	21
3.1.2 The electric system as a potential terrorists target.....	22
3.2 How security standards provide ‘refuge’ against malicious attacks.....	26
4 List current and future threats.....	27
4.1 Social engineering	29
4.2 Malware: viruses, Trojan horses, worms, spyware.....	29
4.3 Viruses.....	29
4.4 Trojan horses.....	30
4.5 Computer worm.....	30
4.6 Spyware.....	32
4.7 Denial of Service (DoS).....	32
4.8 Distributed Denial of Service.....	32
4.9 Permanent Denial of Service.....	33
4.10 IP spoofing or stealth of Domain Credential	33
4.11 Replay attack.....	33
4.12 Man in the middle	33
4.13 Cross-site scripting	34
4.14 Phishing attacks and local DNS poisoning	34
4.15 Logic bombs.....	34
4.16 Passive wiretapping	35